

Final Project Markdown

2022-06-13

```
library(tidyverse)

## Warning: package 'tidyverse' was built under R version 4.0.5

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

## v ggplot2 3.3.3      v purrr  0.3.4
## v tibble  3.1.0      v dplyr  1.0.5
## v tidyr   1.1.3      v stringr 1.4.0
## v readr   1.4.0      v forcats 0.5.1

## Warning: package 'ggplot2' was built under R version 4.0.5
## Warning: package 'tibble' was built under R version 4.0.5
## Warning: package 'tidyr' was built under R version 4.0.5
## Warning: package 'readr' was built under R version 4.0.5
## Warning: package 'purrr' was built under R version 4.0.5
## Warning: package 'dplyr' was built under R version 4.0.5
## Warning: package 'stringr' was built under R version 4.0.5
## Warning: package 'forcats' was built under R version 4.0.5

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

library (psych)

## Warning: package 'psych' was built under R version 4.0.5

##
## Attaching package: 'psych'

## The following objects are masked from 'package:ggplot2':
##
##      %+%, alpha

library(QuantPsyc)

## Loading required package: boot
```

```
##
## Attaching package: 'boot'

## The following object is masked from 'package:psych':
##
##   logit

## Loading required package: MASS

##
## Attaching package: 'MASS'

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

##
## Attaching package: 'QuantPsyc'

## The following object is masked from 'package:base':
##
##   norm

library(ggplot2)
library(moments)
library(reshape)

## Warning: package 'reshape' was built under R version 4.0.5

##
## Attaching package: 'reshape'

## The following object is masked from 'package:dplyr':
##
##   rename

## The following objects are masked from 'package:tidyr':
##
##   expand, smiths

library(reshape2)

## Warning: package 'reshape2' was built under R version 4.0.5

##
## Attaching package: 'reshape2'

## The following objects are masked from 'package:reshape':
##
##   colsplit, melt, recast
```

```
## The following object is masked from 'package:tidyr':
##
##      smiths

library(MOTE)

## Warning: package 'MOTE' was built under R version 4.0.5

library(mice)

## Warning: package 'mice' was built under R version 4.0.5

##
## Attaching package: 'mice'

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

## The following objects are masked from 'package:base':
##
##      cbind, rbind

library(Hmisc)

## Warning: package 'Hmisc' was built under R version 4.0.5

## Loading required package: lattice

##
## Attaching package: 'lattice'

## The following object is masked from 'package:boot':
##
##      melanoma

## Loading required package: survival

##
## Attaching package: 'survival'

## The following object is masked from 'package:boot':
##
##      aml

## Loading required package: Formula

##
## Attaching package: 'Hmisc'

## The following object is masked from 'package:psych':
##
##      describe
```

```
## The following objects are masked from 'package:dplyr':
##
##      src, summarize

## The following objects are masked from 'package:base':
##
##      format.pval, units

library(ppcor)

## Warning: package 'ppcor' was built under R version 4.0.5

library(corrplot)

## corrplot 0.92 loaded

library(cocor)

## Warning: package 'cocor' was built under R version 4.0.5

library(pwr)

## Warning: package 'pwr' was built under R version 4.0.5
```

Outliers

```
# Loading file -----
---

path = "C:/Users/RodolfoAntonioSánchez/Desktop/Final Porject proposal" #change
this path in your machine

data = read.csv(file.path(path, "Life Expectancy Data.csv")) #change file
name is applicable

# Data accuracy-----
---

str(data)

## 'data.frame':    2938 obs. of  22 variables:
## $ Country          : chr  "Afghanistan" "Afghanistan"
## "Afghanistan" "Afghanistan" ...
## $ Year              : int   2015  2014  2013  2012  2011  2010
## 2009 2008 2007 2006 ...
## $ Status            : chr   "Developing" "Developing"
## "Developing" "Developing" ...
## $ Life.expectancy    : num   65  59.9  59.9  59.5  59.2  58.8  58.6
## 58.1 57.5 57.3 ...
## $ Adult.Mortality    : int   263  271  268  272  275  279  281  287
## 295 295 ...
## $ infant.deaths      : int    62  64  66  69  71  74  77  80  82  84 ...
## $ Alcohol            : num   0.01  0.01  0.01  0.01  0.01  0.01
```

```

0.01 0.03 0.02 0.03 ...
## $ percentage.expenditure      : num  71.3 73.5 73.2 78.2 7.1 ...
## $ Hepatitis.B                  : int   65 62 64 67 68 66 63 64 63 64 ...
## $ Measles                      : int  1154 492 430 2787 3013 1989 2861
1599 1141 1990 ...
## $ BMI                          : num   19.1 18.6 18.1 17.6 17.2 16.7
16.2 15.7 15.2 14.7 ...
## $ under.five.deaths           : int    83 86 89 93 97 102 106 110 113
116 ...
## $ Polio                       : int    6 58 62 67 68 66 63 64 63 58 ...
## $ Total.expenditure            : num   8.16 8.18 8.13 8.52 7.87 9.2 9.42
8.33 6.73 7.43 ...
## $ Diphtheria                  : int    65 62 64 67 68 66 63 64 63 58 ...
## $ HIV.AIDS                    : num   0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
0.1 0.1 ...
## $ GDP                         : num  584.3 612.7 631.7 670 63.5 ...
## $ Population                   : num  33736494 327582 31731688 3696958
2978599 ...
## $ thinness..1.19.years         : num   17.2 17.5 17.7 17.9 18.2 18.4
18.6 18.8 19 19.2 ...
## $ thinness.5.9.years          : num   17.3 17.5 17.7 18 18.2 18.4 18.7
18.9 19.1 19.3 ...
## $ Income.composition.of.resources : num   0.479 0.476 0.47 0.463 0.454
0.448 0.434 0.433 0.415 0.405 ...
## $ Schooling                   : num   10.1 10 9.9 9.8 9.5 9.2 8.9 8.7
8.4 8.1 ...

```

```
summary(data)
```

```

##      Country              Year      Status      Life.expectancy
## Length:2938      Min.    :2000      Length:2938      Min.    :36.30
## Class :character  1st Qu.:2004      Class :character  1st Qu.:63.10
## Mode  :character  Median  :2008      Mode  :character  Median  :72.10
##                               Mean    :2008      Mean    :69.22
##                               3rd Qu.:2012      3rd Qu.:75.70
##                               Max.    :2015      Max.    :89.00
##                               NA's    :10
## Adult.Mortality infant.deaths      Alcohol      percentage.expenditure
## Min.    : 1.0      Min.    : 0.0      Min.    : 0.0100      Min.    : 0.000
## 1st Qu.: 74.0      1st Qu.: 0.0      1st Qu.: 0.8775      1st Qu.: 4.685
## Median :144.0      Median : 3.0      Median : 3.7550      Median : 64.913
## Mean    :164.8      Mean    : 30.3      Mean    : 4.6029      Mean    : 738.251
## 3rd Qu.:228.0      3rd Qu.: 22.0      3rd Qu.: 7.7025      3rd Qu.: 441.534
## Max.    :723.0      Max.    :1800.0      Max.    :17.8700      Max.    :19479.912
## NA's    :10              NA's    :194
## Hepatitis.B      Measles      BMI      under.five.deaths
## Min.    : 1.00      Min.    : 0.0      Min.    : 1.00      Min.    : 0.00
## 1st Qu.:77.00      1st Qu.: 0.0      1st Qu.:19.30      1st Qu.: 0.00
## Median :92.00      Median : 17.0      Median :43.50      Median : 4.00
## Mean    :80.94      Mean    : 2419.6      Mean    :38.32      Mean    : 42.04

```

```
## 3rd Qu.:97.00 3rd Qu.: 360.2 3rd Qu.:56.20 3rd Qu.: 28.00
## Max. :99.00 Max. :212183.0 Max. :87.30 Max. :2500.00
## NA's :553 NA's :34
## Polio Total.expenditure Diphtheria HIV.AIDS
## Min. : 3.00 Min. : 0.370 Min. : 2.00 Min. : 0.100
## 1st Qu.:78.00 1st Qu.: 4.260 1st Qu.:78.00 1st Qu.: 0.100
## Median :93.00 Median : 5.755 Median :93.00 Median : 0.100
## Mean :82.55 Mean : 5.938 Mean :82.32 Mean : 1.742
## 3rd Qu.:97.00 3rd Qu.: 7.492 3rd Qu.:97.00 3rd Qu.: 0.800
## Max. :99.00 Max. :17.600 Max. :99.00 Max. :50.600
## NA's :19 NA's :226 NA's :19
## GDP Population thinness..1.19.years
## Min. : 1.68 Min. :3.400e+01 Min. : 0.10
## 1st Qu.: 463.94 1st Qu.:1.958e+05 1st Qu.: 1.60
## Median : 1766.95 Median :1.387e+06 Median : 3.30
## Mean : 7483.16 Mean :1.275e+07 Mean : 4.84
## 3rd Qu.: 5910.81 3rd Qu.:7.420e+06 3rd Qu.: 7.20
## Max. :119172.74 Max. :1.294e+09 Max. :27.70
## NA's :448 NA's :652 NA's :34
## thinness.5.9.years Income.composition.of.resources Schooling
## Min. : 0.10 Min. :0.0000 Min. : 0.00
## 1st Qu.: 1.50 1st Qu.:0.4930 1st Qu.:10.10
## Median : 3.30 Median :0.6770 Median :12.30
## Mean : 4.87 Mean :0.6276 Mean :11.99
## 3rd Qu.: 7.20 3rd Qu.:0.7790 3rd Qu.:14.30
## Max. :28.60 Max. :0.9480 Max. :20.70
## NA's :34 NA's :167 NA's :163
```

```
data$Status = factor(data$Status, levels = c("Developed", "Developing"),
labels = as.numeric(c(0,1)))
```

```
data$Status = as.numeric(data$Status)
```

```
str(data)
```

```
## 'data.frame': 2938 obs. of 22 variables:
## $ Country : chr "Afghanistan" "Afghanistan"
## $ Year : int 2015 2014 2013 2012 2011 2010
## $ Status : num 2 2 2 2 2 2 2 2 2 2 ...
## $ Life.expectancy : num 65 59.9 59.9 59.5 59.2 58.8 58.6
## $ Adult.Mortality : int 263 271 268 272 275 279 281 287
## $ infant.deaths : int 62 64 66 69 71 74 77 80 82 84 ...
## $ Alcohol : num 0.01 0.01 0.01 0.01 0.01 0.01 0.01
## $ percentage.expenditure : num 71.3 73.5 73.2 78.2 7.1 ...
## $ Hepatitis.B : int 65 62 64 67 68 66 63 64 63 64 ...
```

```
## $ Measles : int 1154 492 430 2787 3013 1989 2861
1599 1141 1990 ...
## $ BMI : num 19.1 18.6 18.1 17.6 17.2 16.7
16.2 15.7 15.2 14.7 ...
## $ under.five.deaths : int 83 86 89 93 97 102 106 110 113
116 ...
## $ Polio : int 6 58 62 67 68 66 63 64 63 58 ...
## $ Total.expenditure : num 8.16 8.18 8.13 8.52 7.87 9.2 9.42
8.33 6.73 7.43 ...
## $ Diphtheria : int 65 62 64 67 68 66 63 64 63 58 ...
## $ HIV.AIDS : num 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
0.1 0.1 ...
## $ GDP : num 584.3 612.7 631.7 670 63.5 ...
## $ Population : num 33736494 327582 31731688 3696958
2978599 ...
## $ thinness..1.19.years : num 17.2 17.5 17.7 17.9 18.2 18.4
18.6 18.8 19 19.2 ...
## $ thinness.5.9.years : num 17.3 17.5 17.7 18 18.2 18.4 18.7
18.9 19.1 19.3 ...
## $ Income.composition.of.resources: num 0.479 0.476 0.47 0.463 0.454
0.448 0.434 0.433 0.415 0.405 ...
## $ Schooling : num 10.1 10 9.9 9.8 9.5 9.2 8.9 8.7
8.4 8.1 ...
```

2. Missing data -----

```
miss_data_percentage = function(x){
  sum(is.na(x))/length(x)*100
}
```

```
missing_rows = apply(data,1,miss_data_percentage)
```

```
table(missing_rows)
```

```
## missing_rows
##           0 4.54545454545455 9.09090909090909 13.6363636363636
##          1649           657           360           64
## 18.1818181818182 22.7272727272727 27.2727272727273 36.3636363636364
##           122           45           28           4
## 40.9090909090909
##           9
```

```
replace_rows = subset(data, missing_rows <= 45)
no_replace = subset(data, missing_rows > 45)
replace_rows
```

##	Country	Year	Status
## 1	Afghanistan	2015	2
## 2	Afghanistan	2014	2
## 3	Afghanistan	2013	2
## 4	Afghanistan	2012	2
## 5	Afghanistan	2011	2
## 6	Afghanistan	2010	2
## 7	Afghanistan	2009	2
## 8	Afghanistan	2008	2
## 9	Afghanistan	2007	2
## 10	Afghanistan	2006	2
## 11	Afghanistan	2005	2
## 12	Afghanistan	2004	2
## 13	Afghanistan	2003	2
## 14	Afghanistan	2002	2
## 15	Afghanistan	2001	2
## 16	Afghanistan	2000	2
## 17	Albania	2015	2
## 18	Albania	2014	2
## 19	Albania	2013	2
## 20	Albania	2012	2
## 21	Albania	2011	2
## 22	Albania	2010	2
## 23	Albania	2009	2
## 24	Albania	2008	2
## 25	Albania	2007	2
## 26	Albania	2006	2
## 27	Albania	2005	2
## 28	Albania	2004	2
## 29	Albania	2003	2
## 30	Albania	2002	2
## 31	Albania	2001	2
## 32	Albania	2000	2
## 33	Algeria	2015	2
## 34	Algeria	2014	2
## 35	Algeria	2013	2
## 36	Algeria	2012	2
## 37	Algeria	2011	2
## 38	Algeria	2010	2
## 39	Algeria	2009	2
## 40	Algeria	2008	2
## 41	Algeria	2007	2
## 42	Algeria	2006	2
## 43	Algeria	2005	2
## 44	Algeria	2004	2
## 45	Algeria	2003	2
## 46	Algeria	2002	2
## 47	Algeria	2001	2
## 48	Algeria	2000	2
## 49	Angola	2015	2

## 50	Angola 2014	2
## 51	Angola 2013	2
## 52	Angola 2012	2
## 53	Angola 2011	2
## 54	Angola 2010	2
## 55	Angola 2009	2
## 56	Angola 2008	2
## 57	Angola 2007	2
## 58	Angola 2006	2
## 59	Angola 2005	2
## 60	Angola 2004	2
## 61	Angola 2003	2
## 62	Angola 2002	2
## 63	Angola 2001	2
## 64	Angola 2000	2
## 65	Antigua and Barbuda 2015	2
## 66	Antigua and Barbuda 2014	2
## 67	Antigua and Barbuda 2013	2
## 68	Antigua and Barbuda 2012	2
## 69	Antigua and Barbuda 2011	2
## 70	Antigua and Barbuda 2010	2
## 71	Antigua and Barbuda 2009	2
## 72	Antigua and Barbuda 2008	2
## 73	Antigua and Barbuda 2007	2
## 74	Antigua and Barbuda 2006	2
## 75	Antigua and Barbuda 2005	2
## 76	Antigua and Barbuda 2004	2
## 77	Antigua and Barbuda 2003	2
## 78	Antigua and Barbuda 2002	2
## 79	Antigua and Barbuda 2001	2
## 80	Antigua and Barbuda 2000	2
## 81	Argentina 2015	2
## 82	Argentina 2014	2
## 83	Argentina 2013	2
## 84	Argentina 2012	2
## 85	Argentina 2011	2
## 86	Argentina 2010	2
## 87	Argentina 2009	2
## 88	Argentina 2008	2
## 89	Argentina 2007	2
## 90	Argentina 2006	2
## 91	Argentina 2005	2
## 92	Argentina 2004	2
## 93	Argentina 2003	2
## 94	Argentina 2002	2
## 95	Argentina 2001	2
## 96	Argentina 2000	2
## 97	Armenia 2015	2
## 98	Armenia 2014	2
## 99	Armenia 2013	2

## 100	Armenia 2012	2
## 101	Armenia 2011	2
## 102	Armenia 2010	2
## 103	Armenia 2009	2
## 104	Armenia 2008	2
## 105	Armenia 2007	2
## 106	Armenia 2006	2
## 107	Armenia 2005	2
## 108	Armenia 2004	2
## 109	Armenia 2003	2
## 110	Armenia 2002	2
## 111	Armenia 2001	2
## 112	Armenia 2000	2
## 113	Australia 2015	1
## 114	Australia 2014	1
## 115	Australia 2013	1
## 116	Australia 2012	1
## 117	Australia 2011	1
## 118	Australia 2010	1
## 119	Australia 2009	1
## 120	Australia 2008	1
## 121	Australia 2007	1
## 122	Australia 2006	1
## 123	Australia 2005	1
## 124	Australia 2004	1
## 125	Australia 2003	1
## 126	Australia 2002	1
## 127	Australia 2001	1
## 128	Australia 2000	1
## 129	Austria 2015	1
## 130	Austria 2014	1
## 131	Austria 2013	1
## 132	Austria 2012	1
## 133	Austria 2011	1
## 134	Austria 2010	1
## 135	Austria 2009	1
## 136	Austria 2008	1
## 137	Austria 2007	1
## 138	Austria 2006	1
## 139	Austria 2005	1
## 140	Austria 2004	1
## 141	Austria 2003	1
## 142	Austria 2002	1
## 143	Austria 2001	1
## 144	Austria 2000	1
## 145	Azerbaijan 2015	2
## 146	Azerbaijan 2014	2
## 147	Azerbaijan 2013	2
## 148	Azerbaijan 2012	2
## 149	Azerbaijan 2011	2

## 150	Azerbaijan 2010	2
## 151	Azerbaijan 2009	2
## 152	Azerbaijan 2008	2
## 153	Azerbaijan 2007	2
## 154	Azerbaijan 2006	2
## 155	Azerbaijan 2005	2
## 156	Azerbaijan 2004	2
## 157	Azerbaijan 2003	2
## 158	Azerbaijan 2002	2
## 159	Azerbaijan 2001	2
## 160	Azerbaijan 2000	2
## 161	Bahamas 2015	2
## 162	Bahamas 2014	2
## 163	Bahamas 2013	2
## 164	Bahamas 2012	2
## 165	Bahamas 2011	2
## 166	Bahamas 2010	2
## 167	Bahamas 2009	2
## 168	Bahamas 2008	2
## 169	Bahamas 2007	2
## 170	Bahamas 2006	2
## 171	Bahamas 2005	2
## 172	Bahamas 2004	2
## 173	Bahamas 2003	2
## 174	Bahamas 2002	2
## 175	Bahamas 2001	2
## 176	Bahamas 2000	2
## 177	Bahrain 2015	2
## 178	Bahrain 2014	2
## 179	Bahrain 2013	2
## 180	Bahrain 2012	2
## 181	Bahrain 2011	2
## 182	Bahrain 2010	2
## 183	Bahrain 2009	2
## 184	Bahrain 2008	2
## 185	Bahrain 2007	2
## 186	Bahrain 2006	2
## 187	Bahrain 2005	2
## 188	Bahrain 2004	2
## 189	Bahrain 2003	2
## 190	Bahrain 2002	2
## 191	Bahrain 2001	2
## 192	Bahrain 2000	2
## 193	Bangladesh 2015	2
## 194	Bangladesh 2014	2
## 195	Bangladesh 2013	2
## 196	Bangladesh 2012	2
## 197	Bangladesh 2011	2
## 198	Bangladesh 2010	2
## 199	Bangladesh 2009	2

## 200	Bangladesh 2008	2
## 201	Bangladesh 2007	2
## 202	Bangladesh 2006	2
## 203	Bangladesh 2005	2
## 204	Bangladesh 2004	2
## 205	Bangladesh 2003	2
## 206	Bangladesh 2002	2
## 207	Bangladesh 2001	2
## 208	Bangladesh 2000	2
## 209	Barbados 2015	2
## 210	Barbados 2014	2
## 211	Barbados 2013	2
## 212	Barbados 2012	2
## 213	Barbados 2011	2
## 214	Barbados 2010	2
## 215	Barbados 2009	2
## 216	Barbados 2008	2
## 217	Barbados 2007	2
## 218	Barbados 2006	2
## 219	Barbados 2005	2
## 220	Barbados 2004	2
## 221	Barbados 2003	2
## 222	Barbados 2002	2
## 223	Barbados 2001	2
## 224	Barbados 2000	2
## 225	Belarus 2015	2
## 226	Belarus 2014	2
## 227	Belarus 2013	2
## 228	Belarus 2012	2
## 229	Belarus 2011	2
## 230	Belarus 2010	2
## 231	Belarus 2009	2
## 232	Belarus 2008	2
## 233	Belarus 2007	2
## 234	Belarus 2006	2
## 235	Belarus 2005	2
## 236	Belarus 2004	2
## 237	Belarus 2003	2
## 238	Belarus 2002	2
## 239	Belarus 2001	2
## 240	Belarus 2000	2
## 241	Belgium 2015	1
## 242	Belgium 2014	1
## 243	Belgium 2013	1
## 244	Belgium 2012	1
## 245	Belgium 2011	1
## 246	Belgium 2010	1
## 247	Belgium 2009	1
## 248	Belgium 2008	1
## 249	Belgium 2007	1

## 250	Belgium 2006	1
## 251	Belgium 2005	1
## 252	Belgium 2004	1
## 253	Belgium 2003	1
## 254	Belgium 2002	1
## 255	Belgium 2001	1
## 256	Belgium 2000	1
## 257	Belize 2015	2
## 258	Belize 2014	2
## 259	Belize 2013	2
## 260	Belize 2012	2
## 261	Belize 2011	2
## 262	Belize 2010	2
## 263	Belize 2009	2
## 264	Belize 2008	2
## 265	Belize 2007	2
## 266	Belize 2006	2
## 267	Belize 2005	2
## 268	Belize 2004	2
## 269	Belize 2003	2
## 270	Belize 2002	2
## 271	Belize 2001	2
## 272	Belize 2000	2
## 273	Benin 2015	2
## 274	Benin 2014	2
## 275	Benin 2013	2
## 276	Benin 2012	2
## 277	Benin 2011	2
## 278	Benin 2010	2
## 279	Benin 2009	2
## 280	Benin 2008	2
## 281	Benin 2007	2
## 282	Benin 2006	2
## 283	Benin 2005	2
## 284	Benin 2004	2
## 285	Benin 2003	2
## 286	Benin 2002	2
## 287	Benin 2001	2
## 288	Benin 2000	2
## 289	Bhutan 2015	2
## 290	Bhutan 2014	2
## 291	Bhutan 2013	2
## 292	Bhutan 2012	2
## 293	Bhutan 2011	2
## 294	Bhutan 2010	2
## 295	Bhutan 2009	2
## 296	Bhutan 2008	2
## 297	Bhutan 2007	2
## 298	Bhutan 2006	2
## 299	Bhutan 2005	2

## 300	Bhutan 2004	2
## 301	Bhutan 2003	2
## 302	Bhutan 2002	2
## 303	Bhutan 2001	2
## 304	Bhutan 2000	2
## 305	Bolivia (Plurinational State of) 2015	2
## 306	Bolivia (Plurinational State of) 2014	2
## 307	Bolivia (Plurinational State of) 2013	2
## 308	Bolivia (Plurinational State of) 2012	2
## 309	Bolivia (Plurinational State of) 2011	2
## 310	Bolivia (Plurinational State of) 2010	2
## 311	Bolivia (Plurinational State of) 2009	2
## 312	Bolivia (Plurinational State of) 2008	2
## 313	Bolivia (Plurinational State of) 2007	2
## 314	Bolivia (Plurinational State of) 2006	2
## 315	Bolivia (Plurinational State of) 2005	2
## 316	Bolivia (Plurinational State of) 2004	2
## 317	Bolivia (Plurinational State of) 2003	2
## 318	Bolivia (Plurinational State of) 2002	2
## 319	Bolivia (Plurinational State of) 2001	2
## 320	Bolivia (Plurinational State of) 2000	2
## 321	Bosnia and Herzegovina 2015	2
## 322	Bosnia and Herzegovina 2014	2
## 323	Bosnia and Herzegovina 2013	2
## 324	Bosnia and Herzegovina 2012	2
## 325	Bosnia and Herzegovina 2011	2
## 326	Bosnia and Herzegovina 2010	2
## 327	Bosnia and Herzegovina 2009	2
## 328	Bosnia and Herzegovina 2008	2
## 329	Bosnia and Herzegovina 2007	2
## 330	Bosnia and Herzegovina 2006	2
## 331	Bosnia and Herzegovina 2005	2
## 332	Bosnia and Herzegovina 2004	2
## 333	Bosnia and Herzegovina 2003	2
## 334	Bosnia and Herzegovina 2002	2
## 335	Bosnia and Herzegovina 2001	2
## 336	Bosnia and Herzegovina 2000	2
## 337	Botswana 2015	2
## 338	Botswana 2014	2
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##	Life.expectancy	Adult.Mortality	infant.deaths	Alcohol	
## 1	65.0	263	62	0.01	
## 2	59.9	271	64	0.01	
## 3	59.9	268	66	0.01	
## 4	59.5	272	69	0.01	
## 5	59.2	275	71	0.01	
## 6	58.8	279	74	0.01	
## 7	58.6	281	77	0.01	
## 8	58.1	287	80	0.03	
## 9	57.5	295	82	0.02	
## 10	57.3	295	84	0.03	

## 11	57.3	291	85	0.02
## 12	57.0	293	87	0.02
## 13	56.7	295	87	0.01
## 14	56.2	3	88	0.01
## 15	55.3	316	88	0.01
## 16	54.8	321	88	0.01
## 17	77.8	74	0	4.60
## 18	77.5	8	0	4.51
## 19	77.2	84	0	4.76
## 20	76.9	86	0	5.14
## 21	76.6	88	0	5.37
## 22	76.2	91	1	5.28
## 23	76.1	91	1	5.79
## 24	75.3	1	1	5.61
## 25	75.9	9	1	5.58
## 26	74.2	99	1	5.31
## 27	73.5	15	1	5.16
## 28	73.0	17	1	4.54
## 29	72.8	18	1	4.29
## 30	73.3	15	1	3.73
## 31	73.6	14	1	4.25
## 32	72.6	11	1	3.66
## 33	75.6	19	21	NA
## 34	75.4	11	21	0.01
## 35	75.3	112	21	0.53
## 36	75.1	113	21	0.66
## 37	74.9	116	21	0.56
## 38	74.7	119	21	0.45
## 39	74.4	123	20	0.50
## 40	74.1	126	20	0.46
## 41	73.8	129	20	0.44
## 42	73.4	132	20	0.36
## 43	72.9	136	19	0.50
## 44	72.3	14	19	0.45
## 45	71.7	146	20	0.34
## 46	71.6	145	20	0.36
## 47	71.4	145	20	0.23
## 48	71.3	145	21	0.25
## 49	52.4	335	66	NA
## 50	51.7	348	67	8.33
## 51	51.1	355	69	8.10
## 52	56.0	358	72	8.24
## 53	51.0	361	75	8.06
## 54	49.6	365	78	7.80
## 55	49.1	369	81	7.01
## 56	48.7	371	84	7.07
## 57	48.2	375	87	6.35
## 58	47.7	381	90	5.84
## 59	47.4	382	92	5.04
## 60	47.1	386	94	3.53

## 61	46.8	388	95	3.49
## 62	46.5	391	96	2.82
## 63	45.7	44	97	2.58
## 64	45.3	48	97	1.85
## 65	76.4	13	0	NA
## 66	76.2	131	0	8.56
## 67	76.1	133	0	8.58
## 68	75.9	134	0	8.18
## 69	75.7	136	0	7.84
## 70	75.6	138	0	7.84
## 71	75.4	14	0	7.82
## 72	75.2	142	0	8.27
## 73	75.0	144	0	8.64
## 74	74.8	145	0	8.93
## 75	74.6	147	0	8.15
## 76	74.4	149	0	7.28
## 77	74.2	151	0	7.16
## 78	74.0	153	0	7.21
## 79	73.8	154	0	7.51
## 80	73.6	156	0	7.27
## 81	76.3	116	8	NA
## 82	76.2	118	8	7.93
## 83	76.0	119	8	8.28
## 84	75.9	12	9	8.35
## 85	75.7	12	9	8.11
## 86	75.5	121	10	8.15
## 87	75.6	126	10	8.33
## 88	75.4	126	10	8.41
## 89	74.8	129	10	8.16
## 90	75.2	127	11	7.75
## 91	74.9	127	11	7.53
## 92	74.7	13	11	7.63
## 93	74.1	137	11	7.62
## 94	74.1	138	12	7.81
## 95	74.0	138	12	7.76
## 96	74.1	137	12	7.68
## 97	74.8	118	1	NA
## 98	74.6	12	1	3.91
## 99	74.4	123	1	3.79
## 100	74.4	121	1	3.89
## 101	73.9	128	1	4.09
## 102	73.5	132	1	4.23
## 103	73.3	137	1	3.96
## 104	73.2	14	1	3.96
## 105	73.5	132	1	3.99
## 106	72.9	141	1	4.01
## 107	73.0	137	1	4.25
## 108	73.0	132	1	3.81
## 109	72.7	134	1	3.03
## 110	72.6	134	1	2.86

## 111	72.6	141	1	2.86
## 112	72.0	142	1	2.90
## 113	82.8	59	1	NA
## 114	82.7	6	1	9.71
## 115	82.5	61	1	9.87
## 116	82.3	61	1	10.03
## 117	82.0	63	1	10.30
## 118	81.9	64	1	10.52
## 119	81.7	66	1	10.62
## 120	81.3	66	1	10.76
## 121	81.3	66	1	10.56
## 122	81.2	66	1	10.31
## 123	81.0	67	1	10.30
## 124	86.0	69	1	9.84
## 125	83.0	71	1	9.97
## 126	79.9	73	1	9.84
## 127	79.9	75	1	9.53
## 128	79.5	78	1	10.17
## 129	81.5	65	0	NA
## 130	81.4	66	0	12.32
## 131	81.1	68	0	11.82
## 132	88.0	7	0	12.26
## 133	88.0	73	0	12.04
## 134	84.0	75	0	12.10
## 135	82.0	77	0	11.30
## 136	84.0	76	0	12.00
## 137	81.0	8	0	12.50
## 138	79.8	81	0	12.40
## 139	79.4	85	0	12.40
## 140	79.3	86	0	12.10
## 141	78.8	88	0	12.20
## 142	78.7	9	0	12.50
## 143	78.6	92	0	12.40
## 144	78.1	96	0	13.20
## 145	72.7	118	5	NA
## 146	72.5	119	5	0.01
## 147	72.2	121	5	2.14
## 148	71.9	123	5	0.01
## 149	71.6	125	5	1.98
## 150	71.1	13	5	1.98
## 151	78.0	132	6	2.10
## 152	73.0	141	6	1.18
## 153	73.0	14	6	1.02
## 154	69.2	154	6	0.85
## 155	68.4	162	6	0.73
## 156	68.4	154	6	0.62
## 157	67.8	154	7	0.55
## 158	67.8	146	7	0.55
## 159	67.5	151	8	0.51
## 160	66.6	16	9	0.65

## 161	76.1	147	0	NA
## 162	75.4	16	0	9.45
## 163	74.8	172	0	9.42
## 164	74.9	167	0	9.50
## 165	75.0	162	0	9.34
## 166	75.0	161	0	9.19
## 167	74.6	168	0	9.29
## 168	74.5	167	0	10.15
## 169	74.4	167	0	10.75
## 170	74.2	171	0	11.07
## 171	74.1	172	0	10.49
## 172	73.8	174	0	10.10
## 173	73.2	189	0	10.68
## 174	73.1	19	0	10.85
## 175	72.9	189	0	11.64
## 176	72.6	192	0	12.15
## 177	76.9	69	0	NA
## 178	76.8	7	0	1.57
## 179	76.7	7	0	1.65
## 180	76.5	71	0	1.70
## 181	76.1	76	0	1.66
## 182	76.1	73	0	1.93
## 183	76.0	74	0	1.95
## 184	75.8	76	0	2.00
## 185	75.6	77	0	2.00
## 186	75.5	79	0	2.10
## 187	75.3	81	0	2.05
## 188	75.2	83	0	2.16
## 189	75.0	85	0	2.16
## 190	74.9	87	0	1.99
## 191	74.7	9	0	1.95
## 192	74.5	92	0	2.15
## 193	71.8	129	92	NA
## 194	71.4	132	98	0.01
## 195	71.0	135	104	0.01
## 196	77.0	137	111	0.01
## 197	73.0	14	118	0.01
## 198	69.9	142	126	0.01
## 199	69.5	144	135	0.01
## 200	69.1	147	144	0.01
## 201	68.6	151	154	0.01
## 202	68.2	152	164	0.01
## 203	67.8	155	174	0.01
## 204	67.3	158	185	0.01
## 205	66.8	161	196	0.01
## 206	66.3	164	207	0.01
## 207	65.8	168	219	0.01
## 208	65.3	173	231	0.01
## 209	75.5	98	0	NA
## 210	75.4	1	0	8.82

## 211	75.2	11	0	8.74
## 212	75.1	12	0	8.61
## 213	74.9	14	0	8.51
## 214	74.7	16	0	8.41
## 215	74.6	19	0	8.46
## 216	74.4	111	0	8.95
## 217	74.2	113	0	8.47
## 218	74.1	115	0	8.39
## 219	73.9	117	0	8.01
## 220	73.8	119	0	7.68
## 221	73.7	121	0	7.65
## 222	73.5	123	0	7.59
## 223	73.4	125	0	7.38
## 224	73.3	127	0	7.43
## 225	72.3	196	0	NA
## 226	72.0	199	0	13.94
## 227	71.7	23	0	14.66
## 228	71.9	194	0	16.35
## 229	72.0	232	0	17.31
## 230	73.0	222	0	14.44
## 231	70.0	226	0	14.09
## 232	70.0	224	1	14.67
## 233	69.8	226	1	14.22
## 234	68.9	243	1	12.60
## 235	68.1	252	1	11.01
## 236	68.2	247	1	12.05
## 237	67.7	253	1	11.17
## 238	67.2	262	1	12.23
## 239	67.7	254	1	10.74
## 240	68.0	247	1	12.98
## 241	81.1	74	0	NA
## 242	89.0	76	0	12.60
## 243	87.0	77	0	11.77
## 244	83.0	78	0	10.08
## 245	83.0	8	0	10.11
## 246	80.0	81	0	10.22
## 247	79.8	85	0	10.05
## 248	79.5	87	0	10.47
## 249	79.5	86	0	10.25
## 250	79.4	85	0	10.98
## 251	78.9	89	0	12.27
## 252	78.8	91	1	12.05
## 253	78.3	95	0	11.28
## 254	78.0	99	1	11.29
## 255	78.0	1	1	11.01
## 256	77.6	11	1	11.21
## 257	71.0	175	0	NA
## 258	70.0	177	0	6.58
## 259	69.8	18	0	6.56
## 260	69.4	189	0	6.66

## 261	69.4	188	0	6.64
## 262	69.5	186	0	6.76
## 263	69.5	184	0	6.85
## 264	69.6	181	0	7.22
## 265	69.6	181	0	7.24
## 266	69.4	184	0	6.48
## 267	69.0	191	0	6.25
## 268	68.7	197	0	6.20
## 269	68.4	21	0	5.67
## 270	68.5	199	0	4.99
## 271	68.2	21	0	4.90
## 272	68.3	196	0	4.79
## 273	60.0	249	25	NA
## 274	59.7	252	25	0.01
## 275	59.5	251	25	0.01
## 276	59.3	251	25	0.01
## 277	59.1	251	25	1.40
## 278	58.7	254	25	1.33
## 279	58.4	259	25	1.16
## 280	57.6	278	25	1.28
## 281	57.1	283	25	1.12
## 282	56.8	284	25	1.19
## 283	56.5	285	25	1.13
## 284	56.1	285	25	1.15
## 285	55.8	285	25	1.35
## 286	55.6	283	25	1.23
## 287	55.5	281	25	1.29
## 288	55.4	279	25	1.34
## 289	69.8	211	0	NA
## 290	69.4	216	0	0.01
## 291	69.1	219	0	0.01
## 292	68.7	223	0	0.01
## 293	68.3	225	0	0.23
## 294	67.9	228	1	0.28
## 295	67.4	232	1	0.17
## 296	67.0	234	1	0.21
## 297	66.5	238	1	0.16
## 298	65.8	245	1	0.29
## 299	65.0	254	1	0.73
## 300	64.2	263	1	0.96
## 301	63.3	273	1	0.52
## 302	62.5	282	1	0.29
## 303	61.7	29	1	0.14
## 304	62.0	312	1	0.17
## 305	77.0	186	8	NA
## 306	74.0	189	8	3.62
## 307	71.0	192	8	3.78
## 308	69.8	194	8	3.89
## 309	69.3	198	9	3.93
## 310	68.7	22	9	3.95

## 311	68.0	27	10	3.87
## 312	67.4	211	10	3.77
## 313	66.8	216	11	3.47
## 314	66.2	219	11	3.23
## 315	65.7	222	12	2.86
## 316	65.1	226	12	2.66
## 317	64.5	23	13	2.37
## 318	63.9	234	14	2.26
## 319	63.3	238	14	2.20
## 320	62.6	243	15	2.32
## 321	77.4	88	0	NA
## 322	77.2	89	0	4.03
## 323	77.0	9	0	4.12
## 324	76.8	92	0	4.61
## 325	76.9	92	0	4.64
## 326	76.4	94	0	4.54
## 327	76.1	97	0	4.75
## 328	76.0	98	0	5.13
## 329	75.4	16	0	5.16
## 330	75.7	1	0	4.82
## 331	75.0	12	0	4.56
## 332	75.5	99	0	4.25
## 333	75.2	12	0	4.14
## 334	75.4	11	0	3.84
## 335	74.9	113	0	3.85
## 336	74.6	116	0	3.64
## 337	65.7	256	2	NA
## 338	65.1	268	2	0.01
## 339	64.2	286	2	0.01
## 340	63.4	3	2	0.01
## 341	62.2	325	2	5.76
## 342	61.1	349	2	5.99
## 343	59.2	393	2	5.01
## 344	57.5	427	2	6.56
## 345	56.9	436	2	6.21
## 346	54.8	491	2	6.45
## 347	51.7	566	2	6.37
## 348	48.1	652	2	4.90
## 349	46.4	693	2	5.51
## 350	46.0	699	2	6.41
## 351	46.7	679	2	5.48
## 352	47.8	647	2	5.37
## 353	75.0	142	42	NA
## 354	74.8	144	44	7.32
## 355	74.7	146	46	7.24
## 356	74.5	148	49	7.55
## 357	74.1	152	51	7.58
## 358	73.8	154	54	7.52
## 359	73.6	157	57	7.33
## 360	73.4	158	61	7.21

## 361	73.3	159	65	7.19
## 362	73.0	161	70	7.10
## 363	72.7	163	75	6.97
## 364	72.0	17	81	6.85
## 365	71.8	172	88	6.95
## 366	71.4	176	95	7.00
## 367	71.0	179	103	7.13
## 368	75.0	183	111	7.26
## 369	77.7	78	0	NA
## 370	77.6	8	0	0.01
## 371	77.1	84	0	0.01
## 372	78.3	79	0	0.01
## 373	77.4	79	0	0.97
## 374	76.9	79	0	0.88
## 375	76.8	88	0	0.25
## 376	77.2	84	0	0.67
## 377	76.0	1	0	0.85
## 378	76.3	93	0	0.67
## 379	76.2	92	0	0.16
## 380	76.4	89	0	0.11
## 381	76.0	89	0	0.12
## 382	74.8	95	0	0.13
## 383	74.7	19	0	0.47
## 384	74.4	16	0	0.37
## 385	74.5	137	0	NA
## 386	74.3	138	1	12.03
## 387	74.1	14	1	12.06
## 388	73.9	139	1	10.99
## 389	73.7	144	1	10.67
## 390	73.4	147	1	10.80
## 391	73.2	152	1	10.93
## 392	72.9	155	1	10.98
## 393	72.6	157	1	10.89
## 394	72.2	161	1	10.39
## 395	72.1	16	1	10.48
## 396	72.2	157	1	10.96
## 397	72.0	155	1	11.19
## 398	71.8	157	1	10.20
## 399	71.6	16	1	10.72
## 400	71.1	163	1	9.69
## 401	59.9	26	38	NA
## 402	59.3	268	39	0.01
## 403	59.0	27	40	4.64
## 404	58.6	271	41	4.75
## 405	58.1	275	42	4.51
## 406	57.5	279	43	4.55
## 407	56.9	283	44	4.55
## 408	56.1	288	45	4.50
## 409	55.3	293	46	4.58
## 410	54.3	32	47	4.73

## 411	53.3	313	48	4.88
## 412	52.4	323	49	4.54
## 413	51.6	332	49	4.58
## 414	51.0	338	49	4.53
## 415	56.0	344	48	4.56
## 416	51.0	348	48	3.71
## 417	59.6	288	21	NA
## 418	59.1	297	22	0.01
## 419	58.6	33	22	0.01
## 420	58.0	312	22	0.01
## 421	57.4	321	22	4.16
## 422	56.8	33	23	4.16
## 423	56.2	338	23	4.05
## 424	55.3	35	23	4.33
## 425	54.8	355	24	4.54
## 426	54.1	361	24	4.50
## 427	53.4	369	24	5.54
## 428	52.6	378	24	5.72
## 429	51.9	387	24	5.84
## 430	51.5	387	24	5.98
## 431	51.3	385	25	6.09
## 432	58.0	386	25	6.61
## 433	53.3	397	57	NA
## 434	52.8	47	58	0.01
## 435	52.3	412	59	3.15
## 436	52.0	415	59	3.24
## 437	51.7	419	60	3.13
## 438	51.5	417	60	3.15
## 439	51.0	426	60	2.92
## 440	54.0	437	60	2.69
## 441	49.9	443	61	2.58
## 442	49.4	452	62	2.65
## 443	48.7	466	63	3.11
## 444	48.2	472	64	3.08
## 445	48.0	473	64	3.12
## 446	47.7	473	65	3.13
## 447	47.8	467	65	3.15
## 448	47.9	461	67	3.45
## 449	73.3	114	0	NA
## 450	73.0	117	0	0.01
## 451	72.8	12	0	0.01
## 452	72.7	121	0	0.01
## 453	72.6	122	0	5.07
## 454	72.5	123	0	4.75
## 455	72.4	124	0	4.45
## 456	72.4	124	0	4.16
## 457	72.3	126	0	5.28
## 458	72.1	129	0	4.25
## 459	71.8	134	0	4.26
## 460	71.4	14	0	4.19

## 461	71.1	144	0	4.16
## 462	77.0	148	0	3.82
## 463	73.0	152	0	3.81
## 464	69.9	155	0	3.49
## 465	68.7	174	10	NA
## 466	68.3	179	11	0.01
## 467	67.8	183	11	0.01
## 468	67.4	186	12	0.01
## 469	67.0	19	13	2.12
## 470	66.6	192	14	2.20
## 471	66.1	195	15	2.13
## 472	65.6	199	16	2.24
## 473	65.0	24	16	2.08
## 474	64.1	216	17	2.03
## 475	62.9	234	18	1.99
## 476	61.5	253	19	1.38
## 477	63.0	268	21	1.44
## 478	59.3	273	23	1.43
## 479	58.5	273	25	1.71
## 480	57.7	274	27	1.51
## 481	57.3	357	45	NA
## 482	56.7	366	47	0.01
## 483	56.4	364	48	0.01
## 484	55.9	369	50	0.01
## 485	55.6	371	51	6.19
## 486	55.3	37	53	6.15
## 487	54.8	373	54	5.89
## 488	54.2	382	56	5.90
## 489	53.6	395	57	5.44
## 490	53.3	394	58	5.22
## 491	52.8	4	58	5.03
## 492	52.1	412	59	4.71
## 493	51.8	412	60	4.64
## 494	51.6	47	60	4.58
## 495	51.5	41	61	4.43
## 496	51.4	394	62	3.91
## 497	82.2	64	2	NA
## 498	82.0	65	2	8.10
## 499	81.8	67	2	8.20
## 500	81.6	68	2	8.30
## 501	81.5	68	2	8.20
## 502	81.2	7	2	8.40
## 503	81.0	72	2	8.40
## 504	87.0	74	2	8.30
## 505	85.0	74	2	8.30
## 506	85.0	75	2	8.20
## 507	81.0	76	2	8.00
## 508	80.0	77	2	7.80
## 509	79.7	78	2	7.70
## 510	79.5	79	2	7.70

## 511	79.4	8	2	7.60
## 512	79.1	82	2	7.60
## 513	52.5	397	15	NA
## 514	58.0	437	15	0.01
## 515	49.9	451	16	0.01
## 516	53.0	439	16	0.01
## 517	49.8	443	16	1.66
## 518	49.2	446	17	1.67
## 519	48.6	453	17	1.56
## 520	47.6	477	17	1.52
## 521	46.8	495	17	1.50
## 522	46.3	56	17	1.54
## 523	45.9	511	17	1.50
## 524	45.7	512	17	1.50
## 525	45.7	51	17	1.49
## 526	45.6	58	17	1.47
## 527	45.6	54	17	1.52
## 528	46.0	49	16	1.51
## 529	53.1	356	46	NA
## 530	52.6	362	46	0.01
## 531	52.2	366	46	0.64
## 532	51.8	367	46	0.62
## 533	51.6	365	46	0.56
## 534	51.2	364	46	0.50
## 535	57.0	37	46	0.47
## 536	49.6	394	46	0.45
## 537	49.4	394	46	0.42
## 538	48.5	414	45	0.41
## 539	48.6	46	45	0.42
## 540	48.5	45	44	0.34
## 541	48.4	43	44	0.42
## 542	48.1	43	43	0.36
## 543	48.0	4	42	0.30
## 544	47.6	44	41	0.25
## 545	85.0	82	2	NA
## 546	83.0	83	2	7.16
## 547	81.0	84	2	7.20
## 548	79.9	84	2	6.76
## 549	79.8	86	2	7.26
## 550	79.1	89	2	7.93
## 551	79.3	91	2	7.67
## 552	79.6	88	2	7.31
## 553	78.9	9	2	7.39
## 554	78.9	91	2	7.33
## 555	78.4	93	2	7.57
## 556	78.0	97	2	6.32
## 557	77.9	1	2	6.37
## 558	77.8	11	2	6.06
## 559	77.3	16	2	6.10
## 560	77.3	13	2	6.24

## 561	76.1	85	157	NA
## 562	75.8	86	171	5.78
## 563	75.6	88	185	5.79
## 564	75.4	89	201	5.74
## 565	75.2	91	215	5.63
## 566	75.0	92	231	5.75
## 567	74.9	93	248	4.88
## 568	74.5	97	266	4.27
## 569	74.4	96	285	3.88
## 570	74.2	98	307	3.28
## 571	73.9	99	332	2.92
## 572	73.5	11	360	3.04
## 573	73.1	13	391	2.96
## 574	72.7	16	422	2.91
## 575	72.2	11	457	2.84
## 576	71.7	115	490	3.06
## 577	74.8	143	10	NA
## 578	74.6	144	11	4.38
## 579	74.4	145	11	4.41
## 580	74.3	143	11	4.44
## 581	74.2	144	12	4.37
## 582	73.6	15	12	4.28
## 583	73.6	15	13	4.34
## 584	73.5	146	14	4.45
## 585	73.5	144	14	4.66
## 586	73.1	147	15	4.53
## 587	73.1	144	15	4.38
## 588	72.8	148	16	4.26
## 589	72.4	15	16	4.25
## 590	71.8	163	17	4.45
## 591	71.5	165	17	4.43
## 592	71.4	167	18	4.66
## 593	63.5	227	1	NA
## 594	63.2	23	1	0.01
## 595	62.9	233	1	0.01
## 596	62.5	237	2	0.01
## 597	62.2	241	2	0.12
## 598	61.8	246	2	0.15
## 599	61.3	251	2	0.17
## 600	61.0	255	2	0.12
## 601	66.0	259	2	0.16
## 602	63.0	262	2	0.25
## 603	60.0	266	2	0.24
## 604	59.8	269	2	0.27
## 605	59.6	271	2	0.26
## 606	59.5	271	2	0.08
## 607	59.5	272	1	0.08
## 608	59.5	272	1	0.09
## 609	64.7	267	7	NA
## 610	64.2	275	7	0.01

## 611	63.9	274	7	0.01
## 612	63.7	273	7	0.01
## 613	62.9	285	7	3.82
## 614	62.0	298	7	3.53
## 615	68.0	314	7	3.47
## 616	59.4	338	8	2.58
## 617	58.2	354	8	2.75
## 618	56.9	368	8	2.25
## 619	55.3	394	8	2.03
## 620	54.1	48	9	2.58
## 621	53.2	417	9	2.45
## 622	52.6	424	9	2.55
## 623	52.7	419	9	2.30
## 624	52.9	416	9	2.26
## 625	NA	NA	0	0.01
## 626	79.6	95	1	NA
## 627	79.5	96	1	3.45
## 628	79.4	96	1	3.42
## 629	79.2	97	1	3.34
## 630	79.0	98	1	3.41
## 631	78.1	16	1	3.58
## 632	79.2	96	1	4.07
## 633	78.9	99	1	4.22
## 634	78.9	93	1	4.20
## 635	78.0	16	1	4.15
## 636	78.6	97	1	4.10
## 637	77.7	12	1	4.09
## 638	78.0	1	1	4.04
## 639	78.3	99	1	4.17
## 640	77.5	1	1	4.29
## 641	77.6	98	1	4.34
## 642	78.0	95	0	NA
## 643	77.8	97	0	12.14
## 644	77.7	97	0	12.39
## 645	77.1	14	0	11.49
## 646	77.0	14	0	12.19
## 647	76.6	16	0	12.10
## 648	76.3	19	0	12.21
## 649	76.0	116	0	12.06
## 650	75.8	114	0	12.56
## 651	75.9	113	0	11.83
## 652	75.2	116	0	11.59
## 653	75.4	114	0	13.11
## 654	74.7	122	0	13.78
## 655	74.8	124	0	13.39
## 656	74.9	126	0	13.15
## 657	74.7	127	0	12.73
## 658	79.1	92	1	NA
## 659	79.0	93	1	4.37
## 660	78.7	96	1	4.18

## 661	78.7	96	1	4.16
## 662	78.8	92	1	4.14
## 663	78.0	98	1	4.13
## 664	78.1	11	1	4.01
## 665	77.9	12	1	4.26
## 666	78.1	14	1	4.13
## 667	78.0	14	1	4.17
## 668	77.2	19	1	4.48
## 669	77.3	17	1	4.38
## 670	77.4	18	1	4.39
## 671	77.7	19	1	4.10
## 672	76.7	115	1	4.04
## 673	76.9	115	1	3.92
## 674	85.0	52	0	NA
## 675	83.0	53	0	0.01
## 676	81.0	54	0	9.04
## 677	80.0	56	0	10.55
## 678	79.7	57	0	10.69
## 679	79.5	59	0	11.32
## 680	79.3	6	0	10.80
## 681	79.1	62	0	12.01
## 682	78.9	63	0	11.56
## 683	78.8	64	0	11.47
## 684	78.7	65	0	11.41
## 685	78.6	65	0	13.03
## 686	78.5	66	0	10.62
## 687	78.4	68	0	11.68
## 688	78.2	69	0	10.16
## 689	78.1	7	0	9.56
## 690	78.8	86	0	NA
## 691	78.6	88	0	12.68
## 692	78.2	9	0	12.45
## 693	78.0	93	0	12.71
## 694	77.8	97	0	12.43
## 695	77.5	99	0	12.69
## 696	77.1	12	0	13.23
## 697	77.0	16	0	13.25
## 698	76.8	17	0	13.43
## 699	76.5	19	0	13.03
## 700	75.9	114	0	13.19
## 701	75.8	116	0	13.24
## 702	75.2	122	0	13.01
## 703	75.3	12	0	13.47
## 704	75.1	123	0	13.36
## 705	74.7	126	0	13.22
## 706	76.0	139	6	NA
## 707	73.0	142	6	0.01
## 708	71.0	146	6	3.35
## 709	69.8	149	7	3.61
## 710	69.4	153	8	3.39

## 711	69.0	157	8	3.12
## 712	68.7	161	9	3.35
## 713	68.6	164	9	3.16
## 714	68.5	166	9	3.13
## 715	68.5	165	10	3.28
## 716	68.5	165	10	3.21
## 717	68.4	165	11	3.13
## 718	68.1	165	12	3.13
## 719	67.6	167	14	3.08
## 720	66.6	177	16	2.53
## 721	65.4	192	18	3.52
## 722	59.8	258	236	NA
## 723	59.3	266	237	0.01
## 724	58.8	272	238	0.01
## 725	58.3	277	239	0.01
## 726	57.9	278	239	1.82
## 727	57.4	283	239	1.81
## 728	56.7	292	238	2.13
## 729	56.3	295	237	2.09
## 730	55.7	299	236	1.52
## 731	55.0	36	235	1.53
## 732	54.3	314	233	1.43
## 733	53.5	323	232	1.44
## 734	52.8	332	231	1.83
## 735	52.1	341	229	1.85
## 736	51.8	34	227	1.90
## 737	51.3	346	226	1.98
## 738	86.0	71	0	NA
## 739	84.0	73	0	9.64
## 740	81.0	75	0	9.50
## 741	80.0	76	0	9.26
## 742	79.7	79	0	10.47
## 743	79.2	84	0	10.28
## 744	78.9	86	0	10.08
## 745	78.8	88	0	10.70
## 746	78.4	93	0	10.99
## 747	78.1	93	0	11.02
## 748	78.1	92	0	11.28
## 749	77.7	98	0	11.27
## 750	77.3	11	0	11.54
## 751	77.0	14	0	11.34
## 752	77.0	12	0	11.56
## 753	76.9	12	0	11.69
## 754	63.5	241	1	NA
## 755	63.0	252	1	0.38
## 756	62.7	256	1	0.53
## 757	62.2	263	1	0.52
## 758	61.8	268	1	0.39
## 759	61.3	273	1	0.44
## 760	69.0	279	1	0.49

## 761	62.0	289	1	0.49
## 762	59.8	296	1	0.45
## 763	59.1	39	2	1.02
## 764	58.6	318	2	1.23
## 765	58.1	326	2	1.18
## 766	58.0	325	2	1.02
## 767	57.9	322	2	1.03
## 768	57.7	323	2	0.95
## 769	57.4	325	2	1.34
## 770	NA	NA	0	0.01
## 771	73.9	152	6	NA
## 772	73.6	154	6	5.92
## 773	73.4	157	6	5.93
## 774	72.1	174	6	5.93
## 775	73.1	16	6	5.91
## 776	72.7	166	6	6.02
## 777	73.6	157	6	6.05
## 778	73.3	161	6	6.12
## 779	72.9	164	6	6.05
## 780	72.3	178	7	6.20
## 781	69.7	28	7	5.71
## 782	69.3	214	7	5.16
## 783	73.0	22	7	6.32
## 784	71.4	189	7	6.43
## 785	71.2	188	7	6.13
## 786	72.0	176	7	6.58
## 787	76.2	118	6	NA
## 788	76.0	121	6	3.82
## 789	76.0	121	6	3.77
## 790	75.5	127	7	3.92
## 791	75.3	131	7	3.99
## 792	75.0	134	7	3.95
## 793	75.1	137	7	3.87
## 794	74.6	139	7	3.76
## 795	74.7	14	7	3.63
## 796	74.4	144	8	3.52
## 797	74.2	151	8	3.54
## 798	74.4	148	8	3.65
## 799	74.4	151	8	3.69
## 800	73.6	157	8	3.88
## 801	73.4	158	9	4.13
## 802	72.8	163	9	3.99
## 803	79.0	159	51	NA
## 804	78.0	161	53	0.21
## 805	79.0	159	54	0.21
## 806	72.0	165	54	0.23
## 807	74.0	168	55	0.22
## 808	70.0	173	54	0.22
## 809	69.9	174	54	0.21
## 810	69.8	172	54	0.24

## 811	69.7	171	55	0.21
## 812	69.5	175	55	0.18
## 813	69.4	174	56	0.16
## 814	69.0	176	57	0.16
## 815	68.6	178	59	0.15
## 816	68.7	177	61	0.15
## 817	68.6	177	63	0.14
## 818	68.8	171	65	0.14
## 819	73.5	178	2	NA
## 820	73.3	181	2	2.52
## 821	73.0	184	2	2.42
## 822	73.0	181	2	2.48
## 823	72.0	197	2	2.37
## 824	72.0	191	2	2.36
## 825	71.4	23	2	2.55
## 826	71.7	194	2	2.68
## 827	71.2	23	2	2.83
## 828	75.0	211	3	2.77
## 829	71.0	213	3	2.77
## 830	70.0	215	3	2.90
## 831	69.9	29	3	3.10
## 832	73.0	24	3	2.97
## 833	68.9	219	4	2.88
## 834	69.0	218	4	2.79
## 835	58.2	32	3	NA
## 836	57.9	32	3	0.01
## 837	57.4	327	3	10.72
## 838	56.7	337	3	11.89
## 839	56.2	344	3	10.99
## 840	56.1	339	3	9.93
## 841	55.7	34	3	7.97
## 842	55.4	338	3	8.34
## 843	55.0	339	3	6.86
## 844	54.8	337	3	7.28
## 845	54.4	337	3	7.19
## 846	54.1	336	3	6.28
## 847	53.8	334	3	7.13
## 848	53.5	334	3	6.01
## 849	53.1	334	3	5.07
## 850	52.7	336	3	4.46
## 851	64.7	255	5	NA
## 852	64.4	261	5	0.01
## 853	64.0	266	6	0.01
## 854	63.6	274	6	0.01
## 855	62.9	286	6	0.62
## 856	62.1	298	6	0.61
## 857	61.4	311	6	0.63
## 858	67.0	322	6	0.49
## 859	62.0	329	6	1.23
## 860	59.7	336	7	0.97

## 861	59.4	34	7	1.07
## 862	59.1	342	7	0.64
## 863	58.8	343	7	0.56
## 864	58.5	343	7	0.83
## 865	58.1	345	7	0.61
## 866	45.3	593	7	0.83
## 867	77.6	119	0	NA
## 868	77.3	122	0	0.01
## 869	76.9	127	0	0.01
## 870	76.3	135	0	0.01
## 871	76.1	138	0	0.01
## 872	75.6	137	0	14.97
## 873	74.9	156	0	15.04
## 874	74.2	167	0	16.99
## 875	73.0	189	0	17.87
## 876	73.0	188	0	16.58
## 877	72.8	189	0	15.52
## 878	72.3	195	0	15.07
## 879	71.9	199	0	11.64
## 880	71.2	211	0	11.48
## 881	78.0	225	0	0.01
## 882	78.0	218	0	0.01
## 883	64.8	225	136	NA
## 884	64.2	234	140	0.01
## 885	63.7	237	145	1.86
## 886	63.3	241	150	1.84
## 887	62.6	249	156	1.32
## 888	61.8	261	162	1.34
## 889	68.0	274	169	1.17
## 890	59.8	289	177	1.13
## 891	58.5	39	186	1.06
## 892	57.2	328	196	1.22
## 893	56.0	343	206	0.99
## 894	55.0	354	217	0.86
## 895	54.0	363	228	0.79
## 896	53.2	369	237	0.80
## 897	52.5	372	246	0.85
## 898	51.2	391	253	0.88
## 899	69.9	188	0	NA
## 900	69.7	19	0	0.01
## 901	69.6	192	0	0.01
## 902	69.4	195	0	0.01
## 903	69.2	197	0	0.01
## 904	69.1	2	0	2.25
## 905	68.9	23	0	2.31
## 906	68.7	26	0	1.95
## 907	68.6	29	0	2.09
## 908	68.5	211	0	2.06
## 909	68.3	214	0	2.02
## 910	68.1	218	0	1.63

## 911	68.0	22	0	1.76
## 912	67.9	22	0	1.85
## 913	67.8	221	0	1.93
## 914	67.7	221	0	2.05
## 915	81.1	76	0	NA
## 916	89.0	78	0	8.80
## 917	87.0	79	0	8.97
## 918	84.0	82	0	9.24
## 919	83.0	86	0	9.81
## 920	79.9	89	0	9.72
## 921	79.7	91	0	9.96
## 922	79.6	94	0	10.26
## 923	79.3	96	0	10.45
## 924	79.2	96	0	10.15
## 925	78.9	11	0	9.95
## 926	78.7	12	0	9.89
## 927	78.4	98	0	9.31
## 928	78.1	98	0	9.25
## 929	78.0	1	0	8.94
## 930	77.5	15	0	8.59
## 931	82.4	78	2	NA
## 932	82.2	79	3	11.50
## 933	82.0	81	3	11.10
## 934	81.5	83	3	11.50
## 935	81.7	83	3	11.80
## 936	81.3	86	3	11.70
## 937	81.1	88	3	11.80
## 938	89.0	88	3	11.90
## 939	89.0	89	3	12.20
## 940	86.0	92	3	12.40
## 941	81.0	93	3	12.20
## 942	82.0	94	3	13.18
## 943	79.3	99	3	13.49
## 944	79.2	11	3	13.78
## 945	79.0	13	3	13.89
## 946	78.8	13	3	13.63
## 947	66.0	229	2	NA
## 948	65.5	237	2	0.01
## 949	64.6	255	2	8.86
## 950	63.5	276	2	8.30
## 951	62.8	289	2	8.90
## 952	62.3	294	2	8.85
## 953	61.7	31	2	8.64
## 954	61.6	298	2	8.75
## 955	61.6	291	2	9.02
## 956	61.4	288	2	8.01
## 957	65.0	37	2	7.72
## 958	59.7	322	2	8.13
## 959	59.7	32	2	6.47
## 960	59.7	315	2	8.34

## 961	59.8	37	2	9.29
## 962	61.0	296	2	8.87
## 963	61.1	262	3	NA
## 964	68.0	266	3	0.01
## 965	66.0	266	3	0.01
## 966	62.0	269	3	0.01
## 967	59.8	277	3	3.41
## 968	59.3	284	3	3.48
## 969	59.0	286	3	2.99
## 970	58.7	287	3	2.79
## 971	58.5	288	3	2.64
## 972	58.2	288	3	2.93
## 973	57.7	294	3	2.26
## 974	57.3	296	3	2.51
## 975	57.0	297	3	2.47
## 976	56.6	298	3	2.08
## 977	56.3	3	3	2.25
## 978	55.9	33	3	2.18
## 979	74.4	129	1	NA
## 980	74.5	125	1	6.13
## 981	74.5	128	1	5.91
## 982	74.2	13	1	7.71
## 983	73.9	127	1	8.14
## 984	73.8	132	1	7.24
## 985	73.2	133	1	6.66
## 986	73.9	128	1	7.17
## 987	74.4	12	1	8.65
## 988	73.9	126	1	6.18
## 989	73.9	128	1	4.70
## 990	72.3	134	1	3.74
## 991	72.7	132	1	3.36
## 992	71.7	142	2	2.72
## 993	73.0	121	2	2.76
## 994	71.8	129	2	3.28
## 995	81.0	68	2	NA
## 996	89.0	69	2	11.03
## 997	86.0	71	2	10.94
## 998	86.0	71	2	11.18
## 999	85.0	74	2	11.20
## 1000	81.0	76	2	11.20
## 1001	80.0	79	2	11.22
## 1002	79.9	8	2	11.36
## 1003	79.8	82	3	11.50
## 1004	79.6	84	3	11.76
## 1005	79.2	85	3	11.67
## 1006	79.1	86	3	11.83
## 1007	78.5	9	3	11.92
## 1008	78.4	91	3	12.25
## 1009	78.3	92	3	12.46
## 1010	78.0	95	3	12.91

## 1011	62.4	249	37	NA
## 1012	62.1	253	37	0.01
## 1013	61.9	254	38	0.01
## 1014	61.6	257	39	0.01
## 1015	61.2	263	40	1.64
## 1016	69.0	267	40	1.69
## 1017	66.0	271	41	1.76
## 1018	63.0	275	41	1.78
## 1019	59.9	28	41	1.25
## 1020	59.4	288	41	1.70
## 1021	58.9	296	41	1.50
## 1022	58.3	34	41	1.46
## 1023	57.9	38	41	1.53
## 1024	57.6	31	42	1.60
## 1025	57.4	39	42	1.49
## 1026	57.2	38	43	1.60
## 1027	81.0	72	0	NA
## 1028	88.0	73	0	7.53
## 1029	86.0	74	0	7.46
## 1030	84.0	76	0	8.20
## 1031	85.0	76	0	8.02
## 1032	83.0	76	0	9.00
## 1033	80.0	78	0	9.08
## 1034	79.9	77	0	9.51
## 1035	79.4	8	0	9.67
## 1036	79.7	77	0	9.42
## 1037	79.3	81	0	9.95
## 1038	79.2	81	0	9.56
## 1039	79.1	81	0	9.46
## 1040	79.0	81	1	8.09
## 1041	78.7	83	1	8.62
## 1042	78.2	84	1	8.48
## 1043	73.6	142	0	NA
## 1044	73.5	143	0	8.42
## 1045	73.3	144	0	8.25
## 1046	73.1	146	0	8.07
## 1047	72.9	15	0	7.84
## 1048	72.6	154	0	7.91
## 1049	72.4	158	0	8.42
## 1050	72.1	162	0	8.92
## 1051	71.9	164	0	9.06
## 1052	71.7	167	0	9.06
## 1053	71.5	169	0	8.80
## 1054	73.0	187	0	8.43
## 1055	71.1	173	0	9.75
## 1056	79.0	176	0	10.71
## 1057	77.0	178	0	9.61
## 1058	74.0	182	0	9.40
## 1059	71.9	186	10	NA
## 1060	71.7	187	10	1.88

## 1061	71.4	189	11	1.93
## 1062	71.3	189	11	2.02
## 1063	71.1	193	11	2.16
## 1064	77.0	196	12	2.14
## 1065	76.0	198	12	2.14
## 1066	79.0	19	13	2.21
## 1067	75.0	192	13	2.40
## 1068	69.7	24	14	2.38
## 1069	69.2	28	14	2.35
## 1070	69.6	21	15	2.40
## 1071	69.4	24	15	2.45
## 1072	69.3	21	16	2.41
## 1073	68.4	211	16	2.53
## 1074	67.7	221	17	2.63
## 1075	59.0	284	26	NA
## 1076	58.1	299	27	0.01
## 1077	58.8	284	27	0.01
## 1078	58.4	288	28	0.01
## 1079	58.1	29	28	0.22
## 1080	57.8	291	29	0.20
## 1081	57.3	297	29	0.18
## 1082	56.8	33	30	0.21
## 1083	56.4	36	31	0.19
## 1084	55.6	317	31	0.16
## 1085	54.7	327	32	0.21
## 1086	54.0	334	33	0.34
## 1087	53.3	338	34	0.18
## 1088	52.9	337	35	0.21
## 1089	52.5	336	36	0.17
## 1090	52.5	328	37	0.17
## 1091	58.9	275	4	NA
## 1092	58.4	282	4	0.01
## 1093	58.1	279	4	0.01
## 1094	57.6	285	4	0.01
## 1095	57.1	289	4	3.57
## 1096	56.7	287	4	3.21
## 1097	56.3	288	4	2.55
## 1098	55.6	297	5	2.64
## 1099	55.0	32	5	2.98
## 1100	54.4	36	5	3.22
## 1101	53.9	37	5	3.10
## 1102	53.5	38	5	2.58
## 1103	53.0	38	5	2.16
## 1104	52.8	35	5	2.47
## 1105	52.5	32	5	2.55
## 1106	52.1	3	5	2.84
## 1107	66.2	215	0	NA
## 1108	66.0	217	0	7.64
## 1109	65.9	218	0	7.56
## 1110	65.8	22	0	7.57

## 1111	65.6	229	0	7.56
## 1112	65.9	221	0	7.52
## 1113	66.1	218	0	7.49
## 1114	66.3	218	1	7.32
## 1115	65.7	232	1	7.20
## 1116	65.2	24	1	7.04
## 1117	65.0	238	1	7.35
## 1118	65.1	237	1	7.84
## 1119	65.3	237	1	7.93
## 1120	65.3	244	1	7.73
## 1121	65.4	247	1	6.71
## 1122	65.4	246	1	6.63
## 1123	63.5	24	14	NA
## 1124	63.1	245	14	0.01
## 1125	62.7	253	14	5.68
## 1126	62.3	259	15	5.68
## 1127	62.3	259	15	5.68
## 1128	36.3	682	23	5.76
## 1129	62.5	251	16	5.85
## 1130	62.1	259	16	5.95
## 1131	61.8	266	17	6.08
## 1132	61.1	28	17	6.18
## 1133	65.0	29	17	5.57
## 1134	58.7	32	18	6.10
## 1135	59.7	3	18	6.64
## 1136	59.3	33	19	6.10
## 1137	58.9	35	19	6.22
## 1138	58.6	35	20	4.79
## 1139	74.6	147	3	NA
## 1140	74.5	149	3	2.87
## 1141	74.3	15	4	3.11
## 1142	74.1	151	4	3.11
## 1143	73.9	153	4	3.10
## 1144	73.6	156	4	3.10
## 1145	73.4	157	4	3.08
## 1146	73.2	159	4	3.14
## 1147	73.0	16	5	3.16
## 1148	72.8	161	5	3.23
## 1149	72.5	163	5	3.23
## 1150	72.2	165	5	3.02
## 1151	71.9	166	6	3.04
## 1152	71.6	169	6	3.09
## 1153	71.3	171	6	2.74
## 1154	71.0	174	6	2.61
## 1155	75.8	134	0	NA
## 1156	75.6	137	0	0.01
## 1157	75.5	139	0	10.88
## 1158	75.0	146	0	11.27
## 1159	74.8	15	0	11.51
## 1160	74.5	156	0	10.78

## 1161	74.2	162	0	11.46
## 1162	74.1	165	1	11.64
## 1163	73.5	176	1	12.55
## 1164	73.4	177	1	13.16
## 1165	72.9	182	1	12.94
## 1166	72.9	18	1	13.28
## 1167	72.5	184	1	13.24
## 1168	72.5	184	1	13.29
## 1169	72.3	185	1	13.18
## 1170	71.7	193	1	12.22
## 1171	82.7	49	0	NA
## 1172	82.5	49	0	7.45
## 1173	82.4	5	0	7.31
## 1174	82.5	5	0	7.81
## 1175	82.1	51	0	8.13
## 1176	81.8	53	0	8.25
## 1177	81.6	55	0	10.22
## 1178	81.4	58	0	8.49
## 1179	81.3	59	0	7.53
## 1180	81.1	61	0	7.20
## 1181	81.0	62	0	7.05
## 1182	88.0	65	0	6.79
## 1183	87.0	65	0	6.61
## 1184	84.0	7	0	6.61
## 1185	80.0	72	0	6.37
## 1186	79.7	74	0	6.17
## 1187	68.3	181	910	NA
## 1188	68.0	184	957	3.07
## 1189	67.6	187	1000	3.11
## 1190	67.3	19	1100	3.10
## 1191	66.8	193	1100	3.00
## 1192	66.4	196	1200	2.77
## 1193	66.0	2	1300	2.50
## 1194	65.5	23	1300	1.93
## 1195	65.2	26	1400	1.59
## 1196	64.8	28	1500	1.37
## 1197	64.4	211	1500	1.27
## 1198	64.0	214	1600	1.20
## 1199	63.7	216	1700	1.19
## 1200	63.3	219	1700	1.10
## 1201	62.9	222	1800	1.00
## 1202	62.5	224	1800	0.93
## 1203	69.1	176	114	NA
## 1204	68.9	179	119	0.09
## 1205	68.7	181	124	0.09
## 1206	68.5	183	129	0.08
## 1207	68.3	185	134	0.08
## 1208	68.1	187	138	0.08
## 1209	67.9	189	143	0.08
## 1210	67.7	189	149	0.07

## 1211	67.5	19	154	0.06
## 1212	67.3	191	159	0.06
## 1213	67.2	19	163	0.06
## 1214	65.3	213	174	0.06
## 1215	66.9	189	173	0.05
## 1216	66.7	189	177	0.05
## 1217	66.5	188	182	0.06
## 1218	66.3	188	187	0.06
## 1219	75.5	83	18	NA
## 1220	75.4	83	19	0.01
## 1221	75.3	83	20	0.01
## 1222	75.1	85	21	0.01
## 1223	74.7	93	22	0.03
## 1224	74.1	16	22	0.03
## 1225	73.3	122	23	0.03
## 1226	72.7	135	24	0.02
## 1227	72.4	138	25	0.02
## 1228	72.2	139	26	0.02
## 1229	72.0	139	27	0.01
## 1230	71.8	139	28	0.01
## 1231	75.0	154	29	0.01
## 1232	71.2	142	31	0.01
## 1233	78.0	146	33	0.01
## 1234	73.0	15	35	0.01
## 1235	68.9	182	32	NA
## 1236	67.9	199	32	0.01
## 1237	69.5	17	32	0.01
## 1238	76.0	147	32	0.01
## 1239	77.0	144	32	0.17
## 1240	76.0	145	32	0.19
## 1241	74.0	148	32	0.20
## 1242	69.3	167	32	0.17
## 1243	65.9	227	31	0.14
## 1244	64.7	249	31	0.03
## 1245	66.8	29	31	0.18
## 1246	67.2	21	30	0.32
## 1247	66.5	213	30	0.07
## 1248	74.0	14	30	0.15
## 1249	72.0	142	30	0.17
## 1250	70.0	144	30	0.20
## 1251	81.4	64	0	NA
## 1252	81.2	66	0	10.75
## 1253	81.0	67	0	10.49
## 1254	85.0	69	0	11.49
## 1255	84.0	7	0	11.72
## 1256	86.0	68	0	11.88
## 1257	79.7	77	0	11.41
## 1258	79.8	75	0	12.66
## 1259	79.5	75	0	13.59
## 1260	79.0	78	0	13.44

## 1261	78.7	78	0	13.31
## 1262	78.3	82	0	13.32
## 1263	78.0	82	0	13.24
## 1264	77.4	88	0	14.17
## 1265	77.0	89	0	14.27
## 1266	76.4	94	0	14.07
## 1267	82.5	58	0	NA
## 1268	82.2	6	1	2.62
## 1269	82.1	61	1	2.69
## 1270	81.8	6	1	2.78
## 1271	81.8	61	1	2.67
## 1272	81.7	61	1	2.63
## 1273	81.5	63	1	2.55
## 1274	81.0	65	1	2.47
## 1275	84.0	68	1	2.33
## 1276	84.0	68	1	2.23
## 1277	80.0	71	1	2.41
## 1278	81.0	69	1	2.23
## 1279	79.7	71	1	2.32
## 1280	79.3	74	1	2.47
## 1281	79.3	74	1	2.53
## 1282	78.9	76	1	2.53
## 1283	82.7	56	1	NA
## 1284	82.5	57	2	7.56
## 1285	82.3	58	2	7.35
## 1286	82.0	6	2	7.49
## 1287	82.0	6	2	6.98
## 1288	81.8	6	2	6.95
## 1289	81.6	61	2	7.25
## 1290	81.5	61	2	7.96
## 1291	81.3	63	2	8.37
## 1292	81.2	65	2	8.44
## 1293	88.0	66	2	8.65
## 1294	89.0	66	2	8.98
## 1295	79.9	72	2	9.30
## 1296	80.0	72	2	9.25
## 1297	79.8	75	2	9.69
## 1298	79.4	77	3	9.78
## 1299	76.2	125	1	NA
## 1300	75.8	133	1	3.83
## 1301	75.6	136	1	3.79
## 1302	75.3	138	1	3.65
## 1303	75.2	139	1	3.58
## 1304	75.0	138	1	3.55
## 1305	74.7	142	1	3.33
## 1306	74.5	145	1	3.51
## 1307	74.2	148	1	3.64
## 1308	74.0	15	1	3.63
## 1309	73.5	161	1	3.59
## 1310	73.3	165	1	3.67

## 1311	73.1	166	1	3.48
## 1312	73.0	167	1	3.76
## 1313	72.7	171	1	3.89
## 1314	72.6	171	1	3.46
## 1315	83.7	55	2	NA
## 1316	83.5	57	2	0.01
## 1317	83.5	56	2	7.55
## 1318	83.3	58	2	7.39
## 1319	82.5	64	3	7.39
## 1320	83.0	62	3	6.90
## 1321	83.0	64	3	7.09
## 1322	82.7	66	3	7.11
## 1323	82.6	67	3	7.29
## 1324	82.4	68	3	7.49
## 1325	82.0	69	3	7.99
## 1326	82.1	68	3	7.70
## 1327	81.9	7	3	7.83
## 1328	81.8	7	3	7.87
## 1329	81.5	72	4	8.03
## 1330	81.1	74	4	7.97
## 1331	74.1	112	4	NA
## 1332	74.0	113	4	0.41
## 1333	73.9	114	4	0.40
## 1334	73.7	115	4	0.41
## 1335	73.6	116	4	0.43
## 1336	73.4	117	4	0.51
## 1337	73.3	118	4	0.59
## 1338	73.1	119	4	0.61
## 1339	73.0	12	4	0.60
## 1340	72.8	121	4	0.59
## 1341	72.4	127	4	0.55
## 1342	72.5	125	4	0.54
## 1343	72.3	127	4	0.54
## 1344	72.1	129	4	0.54
## 1345	71.9	131	4	0.55
## 1346	71.7	133	4	0.49
## 1347	72.0	198	4	NA
## 1348	69.9	22	5	6.29
## 1349	69.5	28	5	6.48
## 1350	69.1	214	6	6.82
## 1351	68.5	224	7	6.63
## 1352	67.8	236	7	6.83
## 1353	67.8	235	7	6.64
## 1354	66.6	258	8	7.60
## 1355	65.3	288	8	7.44
## 1356	65.0	295	8	7.08
## 1357	64.6	294	8	6.94
## 1358	64.7	287	8	6.55
## 1359	64.4	282	8	6.58
## 1360	64.7	276	8	5.99

## 1361	64.4	284	8	5.75
## 1362	63.9	292	9	6.00
## 1363	63.4	249	54	NA
## 1364	62.9	255	56	0.01
## 1365	62.6	258	58	1.84
## 1366	62.1	263	59	1.81
## 1367	61.2	278	60	1.80
## 1368	63.0	294	61	1.73
## 1369	59.1	317	62	1.86
## 1370	57.9	339	64	1.71
## 1371	56.8	356	66	1.97
## 1372	55.3	388	68	1.76
## 1373	54.1	412	70	1.82
## 1374	53.0	432	72	1.43
## 1375	52.4	437	74	1.49
## 1376	52.1	437	76	1.66
## 1377	51.9	434	77	1.63
## 1378	51.9	428	77	1.51
## 1379	66.3	198	0	NA
## 1380	66.1	2	0	0.01
## 1381	65.8	22	0	0.01
## 1382	65.7	24	0	0.01
## 1383	65.5	26	0	0.53
## 1384	65.3	27	0	0.48
## 1385	65.2	28	0	0.54
## 1386	65.1	21	0	0.46
## 1387	65.0	211	0	0.68
## 1388	65.0	212	0	0.76
## 1389	64.9	213	0	0.60
## 1390	64.8	214	0	0.48
## 1391	64.7	215	0	0.50
## 1392	64.6	217	0	0.49
## 1393	64.3	219	0	0.60
## 1394	64.1	222	0	0.46
## 1395	74.7	81	0	NA
## 1396	74.6	82	0	0.01
## 1397	74.5	83	1	0.01
## 1398	74.3	84	1	0.01
## 1399	74.2	85	1	0.02
## 1400	74.0	86	1	0.01
## 1401	73.9	87	1	0.10
## 1402	73.8	88	1	0.03
## 1403	73.7	89	1	0.03
## 1404	73.6	89	1	0.01
## 1405	73.6	9	0	0.01
## 1406	73.5	91	0	0.02
## 1407	73.4	93	0	0.03
## 1408	73.3	94	0	0.01
## 1409	73.2	95	0	0.01
## 1410	73.2	96	0	0.01

## 1411	71.1	166	3	NA
## 1412	78.0	17	3	0.01
## 1413	77.0	174	3	0.01
## 1414	69.9	18	3	0.01
## 1415	69.4	188	4	3.28
## 1416	68.8	199	4	2.73
## 1417	68.5	21	4	2.39
## 1418	67.6	217	4	2.53
## 1419	67.2	229	4	2.77
## 1420	66.7	234	4	2.48
## 1421	66.9	224	4	2.81
## 1422	67.1	218	4	3.41
## 1423	66.6	217	4	3.52
## 1424	66.7	215	4	3.31
## 1425	67.2	217	4	2.62
## 1426	66.6	225	4	2.13
## 1427	65.7	194	8	NA
## 1428	65.3	199	8	0.01
## 1429	64.9	23	9	0.01
## 1430	64.4	28	9	0.01
## 1431	64.0	213	9	5.39
## 1432	63.6	218	10	5.95
## 1433	63.1	223	10	5.18
## 1434	62.6	228	10	5.10
## 1435	62.1	234	11	5.00
## 1436	61.5	24	11	3.69
## 1437	61.0	246	11	3.68
## 1438	64.0	252	12	3.53
## 1439	59.8	259	12	3.41
## 1440	59.3	265	13	3.33
## 1441	58.7	271	13	3.13
## 1442	58.1	278	14	5.16
## 1443	74.6	153	0	NA
## 1444	74.4	156	0	0.01
## 1445	74.1	161	0	10.37
## 1446	73.8	163	0	10.21
## 1447	73.6	169	0	10.14
## 1448	72.8	18	0	9.80
## 1449	72.6	184	0	9.85
## 1450	71.9	199	0	11.84
## 1451	78.0	221	0	12.12
## 1452	75.0	229	0	10.40
## 1453	76.0	216	0	9.92
## 1454	71.0	26	0	8.81
## 1455	78.0	29	0	8.24
## 1456	73.0	219	0	7.44
## 1457	69.9	228	0	6.68
## 1458	71.0	218	0	7.13
## 1459	74.9	98	1	NA
## 1460	74.8	99	1	1.32

## 1461	74.9	97	1	1.29
## 1462	75.0	93	1	1.53
## 1463	75.0	93	1	1.57
## 1464	74.9	94	1	1.58
## 1465	74.7	95	1	1.62
## 1466	74.5	98	1	1.67
## 1467	74.4	98	1	1.72
## 1468	74.1	1	1	1.82
## 1469	73.9	11	1	1.94
## 1470	73.7	13	1	2.10
## 1471	73.5	15	1	2.19
## 1472	73.2	17	1	1.98
## 1473	73.0	11	1	2.19
## 1474	72.7	112	1	2.26
## 1475	53.7	484	4	NA
## 1476	52.1	522	4	0.01
## 1477	52.1	518	4	0.01
## 1478	52.2	513	4	0.01
## 1479	52.3	52	4	2.39
## 1480	51.1	527	4	2.71
## 1481	49.4	566	4	2.75
## 1482	47.8	592	5	2.75
## 1483	46.2	633	4	2.69
## 1484	45.3	654	5	2.61
## 1485	44.5	675	5	2.67
## 1486	44.8	666	5	1.80
## 1487	45.5	648	5	1.99
## 1488	46.4	622	5	2.95
## 1489	47.8	586	5	2.86
## 1490	49.3	543	5	3.10
## 1491	61.4	259	8	NA
## 1492	58.1	329	8	0.01
## 1493	61.1	258	9	0.01
## 1494	67.0	261	9	0.01
## 1495	62.0	266	9	3.72
## 1496	59.7	272	9	3.64
## 1497	59.2	277	10	3.75
## 1498	58.6	281	10	3.88
## 1499	57.9	286	10	4.03
## 1500	56.7	32	11	4.05
## 1501	55.3	316	12	4.19
## 1502	54.0	329	12	4.24
## 1503	50.0	42	13	4.21
## 1504	56.0	371	13	4.27
## 1505	51.5	333	14	4.40
## 1506	51.9	39	14	4.46
## 1507	72.7	138	1	NA
## 1508	72.4	143	2	0.01
## 1509	72.9	134	2	0.01
## 1510	72.9	133	2	0.01

## 1511	71.3	161	2	0.01
## 1512	72.8	132	2	0.01
## 1513	72.7	132	2	0.01
## 1514	72.6	132	2	0.01
## 1515	72.5	132	2	0.01
## 1516	72.2	134	2	0.01
## 1517	71.9	138	2	0.01
## 1518	71.5	141	2	0.01
## 1519	71.3	144	3	0.01
## 1520	71.1	146	3	0.01
## 1521	71.0	147	3	0.01
## 1522	78.0	148	3	0.01
## 1523	73.6	165	0	NA
## 1524	73.4	169	0	15.19
## 1525	73.0	178	0	15.04
## 1526	73.0	176	0	15.14
## 1527	72.8	18	0	12.66
## 1528	72.4	188	0	12.90
## 1529	72.2	192	0	12.40
## 1530	71.1	224	0	13.30
## 1531	72.0	24	0	13.40
## 1532	76.0	229	0	12.70
## 1533	78.0	222	0	12.30
## 1534	71.6	24	0	12.10
## 1535	71.6	22	0	11.29
## 1536	71.4	22	0	11.00
## 1537	71.2	21	0	10.20
## 1538	71.6	2	0	9.87
## 1539	82.0	63	0	NA
## 1540	81.7	65	0	11.12
## 1541	81.4	68	0	11.02
## 1542	81.1	7	0	11.34
## 1543	88.0	72	0	11.50
## 1544	86.0	73	0	11.36
## 1545	83.0	76	0	11.42
## 1546	80.0	8	0	11.53
## 1547	79.7	82	0	11.75
## 1548	79.4	85	0	11.98
## 1549	78.8	9	0	11.84
## 1550	78.7	92	0	12.42
## 1551	78.6	92	0	12.61
## 1552	78.3	95	0	12.91
## 1553	78.0	96	0	12.89
## 1554	77.8	98	0	13.14
## 1555	65.5	22	28	NA
## 1556	65.1	225	29	0.01
## 1557	64.7	23	29	0.87
## 1558	64.3	235	30	0.87
## 1559	63.8	241	31	0.97
## 1560	63.3	248	32	1.03

## 1561	62.8	254	33	0.91
## 1562	62.3	259	34	0.68
## 1563	61.9	261	35	0.71
## 1564	61.4	263	36	0.68
## 1565	69.0	265	37	0.72
## 1566	64.0	267	38	0.81
## 1567	59.9	268	40	0.93
## 1568	59.3	271	41	0.90
## 1569	58.7	276	42	1.05
## 1570	57.9	283	44	1.16
## 1571	58.3	365	26	NA
## 1572	57.6	377	27	0.01
## 1573	56.7	394	29	0.01
## 1574	55.3	42	31	0.01
## 1575	54.1	441	32	1.23
## 1576	52.9	462	35	1.08
## 1577	51.5	491	36	1.16
## 1578	50.0	525	36	1.27
## 1579	48.5	559	37	1.18
## 1580	47.1	587	38	1.18
## 1581	46.0	66	39	1.04
## 1582	45.1	615	40	1.11
## 1583	44.6	613	43	1.08
## 1584	44.0	67	46	1.10
## 1585	43.5	599	48	1.15
## 1586	43.1	588	51	1.18
## 1587	75.0	123	4	NA
## 1588	74.8	126	4	0.52
## 1589	74.6	128	3	0.53
## 1590	74.5	129	3	0.53
## 1591	74.3	13	3	0.51
## 1592	74.1	131	3	0.49
## 1593	74.0	131	3	0.47
## 1594	73.8	132	3	0.47
## 1595	73.7	133	3	0.43
## 1596	73.6	134	3	0.42
## 1597	73.4	135	3	0.46
## 1598	73.2	137	3	0.49
## 1599	73.1	138	3	0.48
## 1600	72.9	14	4	0.49
## 1601	72.7	144	4	0.53
## 1602	72.4	149	4	0.54
## 1603	78.5	61	0	NA
## 1604	78.2	62	0	0.01
## 1605	77.9	64	0	0.01
## 1606	77.6	65	0	0.01
## 1607	77.3	67	0	1.92
## 1608	76.7	73	0	1.83
## 1609	76.3	75	0	1.59
## 1610	75.9	81	0	1.76

## 1611	75.4	82	0	1.78
## 1612	75.0	88	0	1.62
## 1613	74.3	93	0	1.47
## 1614	73.4	16	0	1.60
## 1615	72.7	112	0	1.75
## 1616	71.8	124	0	1.95
## 1617	78.0	129	0	1.98
## 1618	69.6	139	0	1.83
## 1619	58.2	266	52	NA
## 1620	57.8	272	52	0.01
## 1621	57.3	275	53	0.01
## 1622	57.2	27	53	0.01
## 1623	56.8	271	54	0.61
## 1624	56.5	273	54	0.60
## 1625	56.0	276	55	0.59
## 1626	55.5	278	55	0.57
## 1627	55.0	282	56	0.55
## 1628	54.3	288	57	0.53
## 1629	53.6	29	57	0.55
## 1630	52.8	296	58	0.49
## 1631	52.0	299	59	0.54
## 1632	51.2	31	60	0.53
## 1633	55.0	34	60	0.51
## 1634	49.8	37	60	0.47
## 1635	81.7	54	0	NA
## 1636	81.4	55	0	8.49
## 1637	81.1	57	0	8.58
## 1638	81.0	58	0	7.67
## 1639	87.0	59	0	6.91
## 1640	83.0	62	0	7.91
## 1641	82.0	63	0	7.38
## 1642	80.0	64	0	7.14
## 1643	79.6	65	0	7.45
## 1644	79.3	66	0	8.84
## 1645	79.0	67	0	6.41
## 1646	78.7	69	0	6.53
## 1647	78.5	71	0	6.70
## 1648	78.2	75	0	5.73
## 1649	77.8	79	0	5.62
## 1650	77.5	8	0	5.59
## 1651	NA	NA	0	0.01
## 1652	63.1	25	8	NA
## 1653	63.0	26	8	0.01
## 1654	62.7	28	8	0.01
## 1655	62.5	29	8	0.01
## 1656	62.2	212	8	0.01
## 1657	62.0	214	8	0.01
## 1658	61.7	215	8	0.01
## 1659	61.4	217	8	0.02
## 1660	61.2	219	8	0.02

## 1661	69.0	221	8	0.01
## 1662	66.0	223	8	0.01
## 1663	64.0	224	8	0.01
## 1664	63.0	226	8	0.01
## 1665	62.0	228	7	0.02
## 1666	61.0	229	7	0.01
## 1667	60.0	23	7	0.03
## 1668	74.6	146	0	NA
## 1669	74.2	148	0	0.01
## 1670	74.1	147	0	0.01
## 1671	73.9	154	0	0.01
## 1672	73.6	158	0	3.03
## 1673	73.3	163	0	2.95
## 1674	72.8	166	0	2.83
## 1675	72.7	166	0	2.49
## 1676	72.9	161	0	3.24
## 1677	71.8	165	0	3.73
## 1678	72.1	168	0	3.94
## 1679	71.9	168	0	4.16
## 1680	71.5	174	0	4.08
## 1681	71.5	179	0	4.14
## 1682	71.5	177	0	4.38
## 1683	71.0	177	0	4.60
## 1684	76.7	122	30	NA
## 1685	76.6	122	31	5.26
## 1686	76.6	12	32	5.23
## 1687	76.3	123	33	5.29
## 1688	76.1	124	34	5.30
## 1689	75.6	127	35	5.21
## 1690	75.7	13	36	5.27
## 1691	75.6	127	37	5.36
## 1692	76.0	123	38	5.35
## 1693	75.8	125	40	5.11
## 1694	75.3	126	42	4.93
## 1695	75.4	124	44	4.90
## 1696	75.0	127	46	4.88
## 1697	75.0	127	49	4.77
## 1698	75.0	126	52	4.86
## 1699	74.8	129	55	4.99
## 1700	69.4	166	0	NA
## 1701	69.4	164	0	1.58
## 1702	69.2	166	0	1.67
## 1703	69.0	168	0	2.98
## 1704	68.9	169	0	1.89
## 1705	68.7	171	0	1.76
## 1706	68.5	172	0	2.06
## 1707	68.4	174	0	1.97
## 1708	68.2	175	0	1.64
## 1709	68.0	176	0	1.73
## 1710	67.9	178	0	1.90

## 1711	67.7	179	0	2.02
## 1712	67.5	18	0	3.15
## 1713	66.2	21	0	2.78
## 1714	67.2	183	0	2.82
## 1715	67.0	185	0	2.23
## 1716	NA	NA	0	0.01
## 1717	68.8	222	1	NA
## 1718	68.4	225	1	0.01
## 1719	68.1	227	1	0.01
## 1720	67.8	231	1	0.01
## 1721	67.3	235	1	0.01
## 1722	66.3	25	1	5.80
## 1723	66.9	235	1	4.61
## 1724	67.4	225	2	4.26
## 1725	65.9	26	2	3.79
## 1726	65.0	271	2	2.91
## 1727	64.5	274	2	2.75
## 1728	64.0	284	2	1.75
## 1729	64.0	271	2	1.31
## 1730	63.8	263	2	2.43
## 1731	63.2	266	2	2.87
## 1732	62.8	274	2	2.79
## 1733	76.1	16	0	NA
## 1734	75.9	17	0	0.01
## 1735	75.8	19	0	0.01
## 1736	75.6	11	0	0.01
## 1737	75.4	113	0	6.56
## 1738	75.3	115	0	6.56
## 1739	75.0	117	0	6.45
## 1740	74.6	121	0	6.17
## 1741	74.2	125	0	4.98
## 1742	73.8	13	0	5.38
## 1743	73.6	133	0	NA
## 1744	73.5	134	0	0.01
## 1745	73.5	134	0	0.01
## 1746	73.4	136	0	0.01
## 1747	73.3	136	0	0.01
## 1748	73.0	144	0	0.01
## 1749	74.3	95	17	NA
## 1750	74.1	96	18	0.43
## 1751	73.9	97	18	0.45
## 1752	73.6	99	19	0.55
## 1753	73.3	14	19	0.54
## 1754	72.8	11	20	0.56
## 1755	72.3	116	20	0.62
## 1756	71.8	123	21	0.51
## 1757	71.4	128	21	0.56
## 1758	71.0	133	22	0.58
## 1759	77.0	137	22	0.47
## 1760	72.0	142	23	0.56

## 1761	69.9	146	24	0.58
## 1762	69.5	15	25	0.46
## 1763	69.0	155	26	0.46
## 1764	68.6	16	27	0.45
## 1765	57.6	355	60	NA
## 1766	56.7	375	61	0.01
## 1767	55.3	46	62	1.16
## 1768	54.8	48	64	1.19
## 1769	54.3	47	66	0.94
## 1770	54.0	47	69	0.96
## 1771	53.8	4	70	1.18
## 1772	53.2	45	72	1.48
## 1773	52.1	425	74	1.03
## 1774	51.2	434	78	1.20
## 1775	58.0	434	80	1.23
## 1776	54.0	429	82	1.54
## 1777	51.0	424	85	1.68
## 1778	49.8	416	87	2.16
## 1779	49.5	48	90	2.09
## 1780	49.0	43	93	1.14
## 1781	66.6	199	39	NA
## 1782	66.4	21	40	0.01
## 1783	66.2	22	42	0.70
## 1784	65.9	25	44	0.55
## 1785	65.6	27	47	0.33
## 1786	65.4	29	49	0.30
## 1787	65.2	211	52	0.28
## 1788	59.2	296	59	0.30
## 1789	64.5	217	58	0.26
## 1790	64.2	22	61	0.28
## 1791	63.9	224	64	0.28
## 1792	63.5	228	66	0.44
## 1793	63.2	231	69	0.40
## 1794	62.8	235	71	0.41
## 1795	62.5	239	72	0.38
## 1796	62.1	243	73	0.35
## 1797	65.8	248	2	NA
## 1798	65.9	242	2	0.01
## 1799	66.1	232	3	0.01
## 1800	65.8	232	3	0.01
## 1801	64.3	268	3	7.84
## 1802	63.0	299	3	7.58
## 1803	62.4	36	3	7.99
## 1804	61.7	317	3	6.28
## 1805	60.0	356	3	5.12
## 1806	57.0	431	3	4.94
## 1807	55.1	477	3	4.89
## 1808	54.7	483	3	4.80
## 1809	55.0	471	3	5.28
## 1810	55.7	452	3	5.09

## 1811	56.5	426	3	5.09
## 1812	57.4	41	3	5.73
## 1813	NA	NA	0	0.01
## 1814	69.2	165	17	NA
## 1815	69.6	158	18	0.01
## 1816	69.3	162	19	0.27
## 1817	68.9	167	20	0.26
## 1818	68.4	172	22	0.27
## 1819	68.0	178	23	0.24
## 1820	67.5	183	25	0.22
## 1821	67.0	189	27	0.21
## 1822	66.6	194	29	0.20
## 1823	66.0	21	31	0.20
## 1824	65.4	28	33	0.20
## 1825	64.7	218	35	0.21
## 1826	64.3	22	38	0.20
## 1827	63.1	238	40	0.19
## 1828	63.2	23	43	0.09
## 1829	62.5	238	46	0.08
## 1830	81.9	57	1	NA
## 1831	81.7	58	1	0.01
## 1832	81.4	6	1	8.68
## 1833	81.1	62	1	9.05
## 1834	81.1	63	1	8.96
## 1835	88.0	64	1	9.33
## 1836	86.0	65	1	9.23
## 1837	83.0	68	1	9.62
## 1838	82.0	68	1	9.53
## 1839	79.8	71	1	9.79
## 1840	79.4	72	1	9.69
## 1841	79.2	77	1	9.56
## 1842	78.7	8	1	9.56
## 1843	78.4	81	1	9.68
## 1844	78.3	82	1	9.95
## 1845	78.1	84	1	10.06
## 1846	81.6	66	0	8.70
## 1847	81.5	67	0	9.07
## 1848	81.3	69	0	9.18
## 1849	81.1	7	0	9.20
## 1850	86.0	72	0	9.47
## 1851	89.0	71	0	9.62
## 1852	85.0	73	0	9.24
## 1853	81.0	75	0	9.49
## 1854	81.0	76	0	9.19
## 1855	79.9	76	0	9.34
## 1856	79.9	78	0	9.31
## 1857	79.2	79	0	9.15
## 1858	79.1	82	0	8.91
## 1859	78.7	83	0	9.13
## 1860	78.5	83	0	8.75

## 1861	78.6	87	0	8.91
## 1862	74.8	145	2	NA
## 1863	74.5	148	2	3.55
## 1864	73.9	157	2	3.58
## 1865	73.9	157	2	3.63
## 1866	74.5	147	3	3.39
## 1867	73.2	154	3	3.38
## 1868	73.2	163	3	3.36
## 1869	72.5	169	3	3.64
## 1870	72.5	173	3	3.83
## 1871	73.0	17	3	3.69
## 1872	71.2	194	3	3.70
## 1873	71.0	194	4	3.81
## 1874	76.0	198	4	3.77
## 1875	75.0	197	4	3.50
## 1876	73.0	193	4	3.51
## 1877	73.0	192	4	3.61
## 1878	61.8	22	49	NA
## 1879	61.4	223	49	0.01
## 1880	69.0	227	49	0.01
## 1881	63.0	232	49	0.01
## 1882	59.4	241	50	0.15
## 1883	58.2	252	50	0.12
## 1884	57.1	263	51	0.11
## 1885	56.0	272	52	0.12
## 1886	55.2	276	53	0.10
## 1887	54.5	277	54	0.11
## 1888	53.7	278	55	0.11
## 1889	52.9	279	56	0.11
## 1890	52.1	28	56	0.10
## 1891	51.4	282	57	0.10
## 1892	56.0	283	57	0.11
## 1893	50.0	284	58	0.10
## 1894	54.5	344	483	NA
## 1895	53.6	362	490	0.01
## 1896	53.2	367	498	8.30
## 1897	52.7	374	505	8.54
## 1898	52.3	375	513	8.75
## 1899	52.0	374	521	8.90
## 1900	51.6	376	527	9.05
## 1901	59.0	386	536	9.30
## 1902	55.0	388	542	9.55
## 1903	49.8	396	549	9.66
## 1904	49.2	4	556	9.71
## 1905	48.5	47	563	9.76
## 1906	48.1	41	567	9.75
## 1907	47.7	49	571	9.61
## 1908	47.4	48	574	9.58
## 1909	47.1	45	576	9.23
## 1910	NA	NA	0	0.01

## 1911	81.8	59	0	5.97
## 1912	81.6	61	0	6.06
## 1913	81.5	62	0	6.21
## 1914	81.3	61	0	6.21
## 1915	81.1	67	0	6.53
## 1916	81.0	66	0	6.59
## 1917	89.0	67	0	6.68
## 1918	86.0	67	0	6.75
## 1919	85.0	67	0	6.60
## 1920	84.0	7	0	6.47
## 1921	81.0	73	0	6.37
## 1922	79.8	77	0	6.22
## 1923	79.4	78	0	6.04
## 1924	78.9	81	0	5.89
## 1925	78.8	82	0	5.49
## 1926	78.5	85	0	5.67
## 1927	76.6	99	1	NA
## 1928	76.4	11	1	0.40
## 1929	76.2	12	1	0.46
## 1930	76.0	14	1	0.51
## 1931	75.8	15	1	0.54
## 1932	75.6	16	1	0.56
## 1933	75.4	18	1	0.56
## 1934	75.2	19	1	0.57
## 1935	74.9	113	1	0.57
## 1936	74.7	115	1	0.58
## 1937	74.3	118	1	0.63
## 1938	74.0	122	1	0.61
## 1939	73.6	127	1	0.56
## 1940	73.3	13	1	0.54
## 1941	72.9	134	1	0.55
## 1942	72.6	138	1	0.38
## 1943	66.4	161	352	NA
## 1944	66.2	162	359	0.01
## 1945	66.0	163	365	0.04
## 1946	65.7	165	369	0.04
## 1947	65.5	167	371	0.04
## 1948	65.1	172	372	0.04
## 1949	64.8	175	371	0.03
## 1950	64.6	177	369	0.03
## 1951	64.4	178	367	0.03
## 1952	64.2	179	365	0.03
## 1953	62.9	2	364	0.04
## 1954	63.7	183	364	0.01
## 1955	63.5	185	366	0.01
## 1956	63.2	187	371	0.01
## 1957	63.0	189	377	0.01
## 1958	62.8	19	385	0.02
## 1959	NA	NA	0	NA
## 1960	77.8	118	1	NA

## 1961	77.6	119	1	6.74
## 1962	77.5	118	1	6.89
## 1963	77.2	12	1	6.95
## 1964	77.3	121	1	6.90
## 1965	76.5	122	1	6.94
## 1966	76.8	127	1	6.87
## 1967	76.5	127	1	6.74
## 1968	76.4	124	1	6.16
## 1969	76.2	125	1	5.72
## 1970	75.8	122	1	5.53
## 1971	75.8	123	1	5.69
## 1972	75.5	126	1	5.52
## 1973	75.7	125	1	5.52
## 1974	75.5	124	2	5.43
## 1975	75.7	121	2	5.58
## 1976	62.9	275	10	NA
## 1977	62.7	278	10	0.01
## 1978	62.4	281	10	0.01
## 1979	62.2	284	10	0.01
## 1980	62.0	285	10	0.88
## 1981	61.8	286	10	0.79
## 1982	61.6	288	11	0.82
## 1983	61.4	29	11	0.81
## 1984	61.1	295	11	0.71
## 1985	68.0	299	11	0.64
## 1986	64.0	37	11	0.84
## 1987	59.9	314	11	0.58
## 1988	59.6	321	11	0.59
## 1989	59.3	327	11	0.61
## 1990	59.1	331	11	0.68
## 1991	58.9	335	11	0.73
## 1992	74.0	146	2	NA
## 1993	73.9	147	3	0.01
## 1994	73.8	148	3	5.03
## 1995	73.6	148	3	5.36
## 1996	73.4	15	3	5.79
## 1997	73.2	152	3	5.65
## 1998	73.0	155	3	5.39
## 1999	72.7	157	3	6.14
## 2000	72.5	159	3	5.61
## 2001	72.3	161	3	5.61
## 2002	72.1	163	3	6.38
## 2003	71.9	165	3	6.20
## 2004	71.7	166	4	6.64
## 2005	71.5	168	4	5.66
## 2006	71.2	17	4	6.66
## 2007	79.0	172	4	6.78
## 2008	75.5	123	8	NA
## 2009	75.3	125	8	0.01
## 2010	75.3	125	8	5.38

## 2011	74.9	129	9	5.14
## 2012	74.5	133	9	4.83
## 2013	73.7	14	10	4.72
## 2014	73.8	14	10	4.69
## 2015	73.9	138	11	4.85
## 2016	74.0	133	11	4.29
## 2017	74.2	134	12	4.22
## 2018	72.8	148	13	4.44
## 2019	72.2	151	14	4.27
## 2020	72.1	152	15	4.50
## 2021	72.6	144	16	4.03
## 2022	72.4	142	17	4.22
## 2023	71.4	154	18	4.59
## 2024	68.5	211	52	NA
## 2025	68.4	214	54	4.52
## 2026	68.1	219	55	4.61
## 2027	68.1	217	56	5.02
## 2028	68.0	218	57	4.96
## 2029	67.9	218	58	4.85
## 2030	68.0	219	59	4.42
## 2031	67.5	217	60	4.21
## 2032	67.5	216	62	4.19
## 2033	67.3	219	63	4.08
## 2034	67.0	223	65	4.22
## 2035	67.3	218	66	4.45
## 2036	67.2	217	67	4.44
## 2037	66.8	221	68	4.42
## 2038	66.8	221	68	4.54
## 2039	66.8	219	69	4.73
## 2040	77.5	117	2	NA
## 2041	77.3	12	2	10.71
## 2042	77.1	12	2	11.63
## 2043	76.8	125	2	10.81
## 2044	76.7	128	2	10.93
## 2045	76.3	13	2	10.59
## 2046	75.7	136	2	10.70
## 2047	75.5	14	2	11.40
## 2048	75.3	144	2	10.90
## 2049	75.2	144	2	10.40
## 2050	75.0	144	2	9.50
## 2051	74.9	143	2	9.19
## 2052	74.7	142	3	9.06
## 2053	74.5	145	3	8.02
## 2054	74.2	149	3	7.74
## 2055	73.7	153	3	8.40
## 2056	81.1	76	0	NA
## 2057	89.0	78	0	9.88
## 2058	86.0	79	0	10.00
## 2059	83.0	81	0	11.96
## 2060	82.0	85	0	11.92

## 2061	79.6	88	0	12.25
## 2062	79.3	9	0	12.03
## 2063	79.0	92	0	12.35
## 2064	78.7	94	0	12.57
## 2065	78.5	96	0	13.11
## 2066	77.7	11	0	13.33
## 2067	78.0	99	0	13.45
## 2068	77.3	15	0	14.21
## 2069	77.2	17	1	12.00
## 2070	76.9	11	1	12.22
## 2071	76.6	11	1	11.89
## 2072	78.2	68	0	NA
## 2073	78.1	69	0	1.15
## 2074	77.9	7	0	1.20
## 2075	77.8	72	0	1.13
## 2076	77.5	74	0	1.16
## 2077	77.3	76	0	1.16
## 2078	77.0	79	0	1.11
## 2079	76.8	82	0	1.37
## 2080	76.7	83	0	1.24
## 2081	76.6	83	0	1.28
## 2082	76.6	84	0	1.18
## 2083	76.6	84	0	1.11
## 2084	76.5	85	0	1.00
## 2085	76.4	85	0	0.87
## 2086	76.3	87	0	0.76
## 2087	76.2	88	0	0.50
## 2088	82.3	64	1	NA
## 2089	82.0	66	1	0.01
## 2090	81.7	68	1	9.33
## 2091	81.2	69	1	9.56
## 2092	81.1	72	2	9.34
## 2093	87.0	74	2	9.23
## 2094	86.0	75	2	8.97
## 2095	83.0	75	2	9.31
## 2096	79.8	77	2	9.05
## 2097	79.4	79	2	8.83
## 2098	78.7	84	2	9.03
## 2099	78.2	89	3	9.18
## 2100	77.6	95	3	9.66
## 2101	77.1	99	3	9.55
## 2102	76.7	17	3	11.45
## 2103	76.0	116	4	10.33
## 2104	72.1	157	1	NA
## 2105	71.8	162	1	9.99
## 2106	71.7	163	1	10.49
## 2107	79.0	175	1	10.68
## 2108	77.0	177	1	9.45
## 2109	68.8	219	1	8.25
## 2110	69.0	218	1	8.45

## 2111	68.9	228	1	9.07
## 2112	68.3	237	1	9.66
## 2113	68.0	242	1	8.36
## 2114	67.3	248	1	10.78
## 2115	68.0	225	1	12.27
## 2116	67.6	226	1	8.15
## 2117	67.5	225	1	6.71
## 2118	67.6	228	1	10.98
## 2119	67.1	235	1	9.89
## 2120	75.0	133	2	NA
## 2121	74.8	135	2	0.01
## 2122	74.6	138	2	9.59
## 2123	74.4	138	2	9.58
## 2124	74.3	139	2	9.10
## 2125	73.4	153	2	9.00
## 2126	73.1	158	2	10.40
## 2127	73.1	159	2	11.90
## 2128	72.9	154	3	10.60
## 2129	72.5	157	3	8.51
## 2130	71.9	162	3	7.68
## 2131	71.7	165	4	9.82
## 2132	71.1	174	4	8.78
## 2133	77.0	178	4	9.62
## 2134	78.0	179	4	9.78
## 2135	77.0	175	4	10.16
## 2136	75.0	222	13	NA
## 2137	73.0	225	13	10.12
## 2138	70.0	229	14	10.58
## 2139	69.6	237	14	10.99
## 2140	69.4	242	14	11.04
## 2141	68.4	256	15	11.05
## 2142	68.2	261	15	11.21
## 2143	67.5	278	16	12.04
## 2144	67.3	282	16	12.19
## 2145	66.4	3	17	11.79
## 2146	65.0	327	18	11.57
## 2147	64.9	321	19	11.50
## 2148	64.6	322	20	11.32
## 2149	64.8	313	20	10.87
## 2150	65.1	38	21	10.47
## 2151	65.0	37	22	10.18
## 2152	66.1	227	11	NA
## 2153	65.7	23	12	0.01
## 2154	65.2	233	12	0.01
## 2155	64.6	239	13	0.01
## 2156	63.8	247	14	8.34
## 2157	62.8	26	16	7.92
## 2158	61.0	288	17	7.11
## 2159	68.0	282	18	6.39
## 2160	59.6	295	20	6.78

## 2161	57.6	328	22	6.88
## 2162	55.3	37	24	7.01
## 2163	53.4	397	26	6.75
## 2164	52.0	48	29	6.66
## 2165	57.0	415	31	7.82
## 2166	48.6	438	33	5.72
## 2167	48.3	426	34	7.13
## 2168	NA	NA	0	8.54
## 2169	75.2	138	0	NA
## 2170	75.0	139	0	9.97
## 2171	74.8	141	0	9.73
## 2172	74.7	142	0	9.99
## 2173	74.6	143	0	10.43
## 2174	74.2	147	0	10.87
## 2175	74.3	147	0	11.09
## 2176	74.1	149	0	12.09
## 2177	73.9	151	0	12.68
## 2178	73.5	155	0	13.45
## 2179	73.1	16	0	12.32
## 2180	72.6	166	0	11.93
## 2181	72.2	171	0	12.55
## 2182	72.0	174	0	11.85
## 2183	71.8	178	0	12.03
## 2184	71.6	183	0	11.69
## 2185	73.2	156	0	NA
## 2186	73.1	157	0	7.01
## 2187	72.7	161	0	7.07
## 2188	72.8	159	0	6.93
## 2189	72.7	16	0	7.02
## 2190	72.5	162	0	7.00
## 2191	72.3	165	0	6.85
## 2192	72.1	167	0	6.92
## 2193	71.9	17	0	5.89
## 2194	71.7	173	0	5.93
## 2195	71.4	177	0	6.04
## 2196	71.2	181	0	5.42
## 2197	71.0	184	0	5.10
## 2198	79.0	186	0	4.94
## 2199	79.0	186	0	4.73
## 2200	79.0	186	0	4.80
## 2201	74.0	125	0	NA
## 2202	73.8	128	0	0.01
## 2203	73.6	131	0	0.01
## 2204	73.2	136	0	0.01
## 2205	73.0	139	0	2.15
## 2206	72.6	144	0	3.01
## 2207	76.0	172	0	2.88
## 2208	72.5	146	0	3.97
## 2209	72.2	149	0	3.85
## 2210	72.0	153	0	3.52

## 2211	71.6	16	0	3.63
## 2212	71.4	162	0	3.62
## 2213	79.0	169	0	4.17
## 2214	76.0	174	0	3.30
## 2215	75.0	175	0	3.43
## 2216	72.0	18	0	3.00
## 2217	NA	NA	0	0.01
## 2218	67.5	19	0	NA
## 2219	67.3	191	0	0.01
## 2220	67.1	192	0	0.01
## 2221	66.9	194	0	0.01
## 2222	66.6	198	0	5.69
## 2223	66.2	24	0	5.58
## 2224	65.8	21	0	4.13
## 2225	65.4	215	0	4.36
## 2226	65.1	217	0	4.14
## 2227	64.7	22	0	5.46
## 2228	64.3	222	0	5.27
## 2229	63.8	224	0	5.78
## 2230	63.4	225	0	6.54
## 2231	63.1	226	0	5.80
## 2232	62.8	225	0	5.02
## 2233	62.6	224	0	5.07
## 2234	74.5	88	7	NA
## 2235	74.4	88	7	0.09
## 2236	74.3	89	8	0.09
## 2237	74.1	9	8	0.09
## 2238	73.9	92	8	0.09
## 2239	73.7	94	8	0.09
## 2240	73.4	97	8	0.09
## 2241	73.3	98	9	0.09
## 2242	73.2	99	9	0.10
## 2243	73.2	1	9	0.08
## 2244	73.1	11	9	0.05
## 2245	73.1	12	9	0.06
## 2246	73.0	13	9	0.05
## 2247	72.9	15	10	0.05
## 2248	72.8	17	10	0.05
## 2249	72.6	11	10	0.05
## 2250	66.7	188	19	NA
## 2251	66.4	192	19	0.26
## 2252	66.0	196	20	0.26
## 2253	65.6	2	20	0.28
## 2254	64.9	26	20	0.32
## 2255	64.3	212	21	0.28
## 2256	63.5	219	21	0.30
## 2257	62.8	225	22	0.28
## 2258	62.1	23	22	0.32
## 2259	61.3	236	23	0.34
## 2260	65.0	242	23	0.33

## 2261	59.7	247	24	0.35
## 2262	59.0	251	25	0.33
## 2263	58.4	252	25	0.36
## 2264	57.9	251	26	0.34
## 2265	57.5	25	27	0.29
## 2266	75.6	121	1	NA
## 2267	75.4	123	1	9.09
## 2268	75.3	122	1	9.16
## 2269	74.9	126	1	9.38
## 2270	74.6	127	1	9.56
## 2271	74.4	128	1	9.65
## 2272	74.1	131	1	9.85
## 2273	74.0	132	1	9.54
## 2274	73.8	132	1	9.30
## 2275	73.6	133	1	8.58
## 2276	73.0	135	1	9.60
## 2277	73.0	134	1	7.42
## 2278	73.0	134	1	7.25
## 2279	72.9	133	1	6.95
## 2280	73.1	135	1	7.53
## 2281	72.6	141	1	7.38
## 2282	73.2	168	0	NA
## 2283	73.0	17	0	0.01
## 2284	72.9	172	0	0.01
## 2285	72.7	174	0	0.01
## 2286	72.6	177	0	9.72
## 2287	72.4	18	0	6.51
## 2288	72.3	182	0	4.94
## 2289	72.2	184	0	6.33
## 2290	72.2	185	0	8.12
## 2291	72.2	185	0	8.12
## 2292	72.2	185	0	7.82
## 2293	72.1	186	0	7.91
## 2294	72.1	185	0	7.41
## 2295	72.1	186	0	11.15
## 2296	72.0	187	0	6.72
## 2297	71.8	188	0	8.24
## 2298	51.0	413	22	NA
## 2299	48.1	463	23	0.01
## 2300	54.0	47	23	0.01
## 2301	49.7	411	25	0.01
## 2302	48.9	418	26	3.78
## 2303	48.1	424	27	3.84
## 2304	47.1	433	28	3.97
## 2305	46.2	441	29	3.91
## 2306	45.3	45	29	3.86
## 2307	44.3	464	30	3.80
## 2308	43.3	48	30	3.83
## 2309	42.3	496	30	3.99
## 2310	41.5	57	30	4.07

## 2311	48.0	513	30	4.06
## 2312	41.0	519	30	4.21
## 2313	39.0	533	29	3.97
## 2314	83.1	55	0	1.79
## 2315	82.9	56	0	1.83
## 2316	82.7	57	0	1.83
## 2317	82.5	59	0	1.89
## 2318	82.2	6	0	1.80
## 2319	82.0	61	0	1.84
## 2320	81.7	62	0	1.73
## 2321	81.4	64	0	1.70
## 2322	81.1	65	0	1.60
## 2323	87.0	66	0	1.55
## 2324	82.0	69	0	1.49
## 2325	79.7	71	0	1.45
## 2326	79.3	73	0	1.43
## 2327	79.0	74	0	2.16
## 2328	78.7	76	0	2.08
## 2329	78.3	78	0	2.03
## 2330	76.7	19	0	NA
## 2331	76.4	113	0	10.60
## 2332	76.1	114	0	9.89
## 2333	75.8	118	0	10.12
## 2334	75.6	122	0	10.24
## 2335	75.1	124	0	10.13
## 2336	75.0	131	0	10.63
## 2337	74.7	136	0	11.37
## 2338	74.4	14	0	10.58
## 2339	74.3	138	0	10.28
## 2340	74.0	141	0	10.81
## 2341	74.1	138	0	10.03
## 2342	73.8	144	0	9.85
## 2343	73.7	145	0	10.78
## 2344	73.3	145	0	10.73
## 2345	73.0	147	0	11.06
## 2346	88.0	74	0	NA
## 2347	87.0	76	0	10.46
## 2348	85.0	78	0	9.53
## 2349	82.0	81	0	10.95
## 2350	79.8	84	0	10.61
## 2351	79.5	87	0	10.32
## 2352	79.1	9	0	10.52
## 2353	78.9	96	0	10.94
## 2354	78.3	12	0	11.02
## 2355	78.1	17	0	12.26
## 2356	77.5	14	0	11.14
## 2357	77.2	113	0	10.00
## 2358	76.5	119	0	11.58
## 2359	76.6	117	0	9.29
## 2360	76.2	124	0	10.80

## 2361	76.0	122	0	11.90
## 2362	69.2	177	0	NA
## 2363	68.8	183	0	0.01
## 2364	68.8	182	0	0.01
## 2365	68.7	184	0	0.01
## 2366	68.5	186	0	0.99
## 2367	68.3	188	0	1.10
## 2368	68.1	192	0	1.21
## 2369	68.0	193	0	1.09
## 2370	67.6	2	0	0.85
## 2371	67.6	2	0	0.99
## 2372	67.4	24	0	0.90
## 2373	67.1	29	0	1.18
## 2374	66.8	215	0	1.18
## 2375	66.5	22	0	1.08
## 2376	66.2	227	0	0.70
## 2377	65.8	235	0	0.71
## 2378	55.0	312	50	NA
## 2379	54.3	321	51	0.01
## 2380	54.2	318	51	0.01
## 2381	53.1	336	51	0.01
## 2382	53.1	329	51	0.01
## 2383	52.4	336	52	0.01
## 2384	52.2	335	52	0.01
## 2385	51.9	336	52	0.01
## 2386	51.5	34	52	0.01
## 2387	51.5	337	51	0.01
## 2388	51.6	334	50	0.01
## 2389	51.2	341	49	0.01
## 2390	51.1	344	48	0.01
## 2391	58.0	348	47	0.01
## 2392	57.0	352	46	0.01
## 2393	55.0	355	45	0.01
## 2394	62.9	328	42	NA
## 2395	62.0	347	42	7.38
## 2396	69.0	371	43	7.34
## 2397	59.2	48	43	7.38
## 2398	58.9	413	43	7.38
## 2399	58.0	428	43	7.28
## 2400	56.5	449	46	7.60
## 2401	55.3	473	50	8.19
## 2402	54.5	486	51	8.48
## 2403	54.0	496	54	8.50
## 2404	53.8	498	55	8.69
## 2405	53.7	497	55	6.96
## 2406	54.0	485	55	6.93
## 2407	54.9	459	54	7.04
## 2408	56.0	429	52	7.38
## 2409	57.3	397	51	7.30
## 2410	57.3	332	26	NA

## 2411	56.6	343	26	NA
## 2412	56.4	345	26	NA
## 2413	56.0	347	26	NA
## 2414	55.4	355	27	NA
## 2415	55.0	359	27	NA
## 2416	54.3	369	27	NA
## 2417	53.6	377	27	NA
## 2418	53.1	381	27	NA
## 2419	52.5	383	28	NA
## 2420	51.9	383	28	NA
## 2421	51.4	383	29	NA
## 2422	58.0	383	29	NA
## 2423	52.0	382	30	NA
## 2424	49.6	381	30	NA
## 2425	48.9	38	31	NA
## 2426	82.8	56	1	NA
## 2427	82.6	58	1	0.01
## 2428	82.4	6	1	9.25
## 2429	82.0	61	1	9.35
## 2430	82.1	63	1	9.62
## 2431	81.9	64	1	9.78
## 2432	81.6	66	2	9.99
## 2433	81.3	7	2	10.24
## 2434	89.0	72	2	11.05
## 2435	88.0	73	2	11.86
## 2436	81.0	77	2	11.92
## 2437	81.0	79	2	11.96
## 2438	79.4	83	2	12.09
## 2439	79.5	83	2	12.26
## 2440	79.4	84	2	9.86
## 2441	79.1	86	2	11.12
## 2442	74.9	138	3	NA
## 2443	74.7	141	3	2.37
## 2444	74.6	142	3	2.56
## 2445	74.5	143	3	2.80
## 2446	74.5	141	3	3.03
## 2447	74.5	138	3	2.31
## 2448	71.8	183	4	2.05
## 2449	72.3	172	4	2.10
## 2450	73.7	146	4	2.29
## 2451	73.8	145	4	1.96
## 2452	74.2	138	4	1.97
## 2453	69.1	197	6	1.56
## 2454	73.9	146	5	1.69
## 2455	73.7	149	5	1.62
## 2456	72.7	16	5	1.68
## 2457	71.5	175	5	1.45
## 2458	64.1	225	58	NA
## 2459	63.8	229	59	0.01
## 2460	63.5	232	60	0.01

## 2461	63.2	235	61	0.01
## 2462	62.7	241	61	2.12
## 2463	62.5	243	62	1.77
## 2464	62.0	248	63	1.99
## 2465	61.8	251	64	2.01
## 2466	61.4	254	65	2.01
## 2467	61.0	26	66	1.90
## 2468	67.0	261	66	1.55
## 2469	59.7	278	68	1.59
## 2470	59.6	278	69	1.74
## 2471	59.4	277	70	1.59
## 2472	58.9	283	71	1.81
## 2473	58.6	284	71	1.76
## 2474	71.6	176	0	NA
## 2475	71.4	178	0	6.32
## 2476	71.2	179	0	6.02
## 2477	71.3	178	0	5.73
## 2478	76.0	187	0	5.64
## 2479	73.0	19	0	5.26
## 2480	70.0	196	0	5.13
## 2481	69.8	196	0	4.94
## 2482	69.5	22	0	4.72
## 2483	69.3	199	0	4.52
## 2484	68.9	25	0	4.47
## 2485	68.3	214	0	4.55
## 2486	68.0	223	0	4.53
## 2487	67.9	221	0	4.41
## 2488	67.7	219	0	4.23
## 2489	67.4	224	0	4.29
## 2490	58.9	373	2	NA
## 2491	58.4	382	2	0.01
## 2492	57.6	393	2	0.01
## 2493	56.5	412	2	0.01
## 2494	55.0	438	2	5.20
## 2495	53.6	459	2	4.93
## 2496	52.6	46	3	4.90
## 2497	51.4	477	3	4.87
## 2498	50.0	51	3	5.55
## 2499	47.8	564	3	5.53
## 2500	46.0	63	3	5.08
## 2501	45.6	69	3	5.78
## 2502	45.9	6	3	5.65
## 2503	46.4	587	3	5.52
## 2504	47.1	568	3	6.72
## 2505	48.4	536	3	7.19
## 2506	82.4	53	0	NA
## 2507	82.3	54	0	7.30
## 2508	81.9	57	0	7.30
## 2509	81.7	57	0	7.40
## 2510	81.7	58	0	7.40

## 2511	81.5	58	0	7.20
## 2512	81.4	62	0	7.30
## 2513	81.1	62	0	6.90
## 2514	89.0	63	0	6.90
## 2515	88.0	64	0	6.50
## 2516	85.0	66	0	6.50
## 2517	83.0	7	0	6.60
## 2518	82.0	69	0	6.90
## 2519	79.9	71	0	6.90
## 2520	79.8	73	0	6.60
## 2521	79.6	73	0	6.20
## 2522	83.4	49	0	NA
## 2523	83.2	51	0	9.61
## 2524	83.0	52	0	9.73
## 2525	82.7	54	0	9.86
## 2526	82.6	55	0	9.99
## 2527	82.3	57	0	10.01
## 2528	82.1	6	0	10.15
## 2529	82.0	6	0	10.29
## 2530	81.7	63	0	10.44
## 2531	81.5	65	0	10.24
## 2532	81.1	66	0	10.15
## 2533	81.0	69	0	10.55
## 2534	85.0	72	0	10.82
## 2535	84.0	74	0	10.85
## 2536	82.0	75	0	11.12
## 2537	79.7	78	0	11.26
## 2538	64.5	293	6	NA
## 2539	64.4	294	7	0.01
## 2540	63.6	37	7	0.01
## 2541	62.8	32	7	0.01
## 2542	71.7	163	7	0.76
## 2543	73.7	127	7	0.78
## 2544	73.8	124	7	0.81
## 2545	73.8	122	8	0.80
## 2546	73.8	121	8	0.83
## 2547	73.7	123	8	0.97
## 2548	73.5	127	9	0.92
## 2549	73.2	131	9	0.93
## 2550	73.0	134	9	1.29
## 2551	72.8	135	9	1.25
## 2552	72.7	135	10	1.29
## 2553	72.6	136	10	1.41
## 2554	69.7	161	10	NA
## 2555	69.6	162	10	0.01
## 2556	69.3	163	10	0.01
## 2557	68.8	164	10	0.01
## 2558	68.1	166	10	0.32
## 2559	67.3	171	10	0.32
## 2560	66.7	174	10	0.30

## 2561	66.4	178	10	0.32
## 2562	66.1	181	10	0.35
## 2563	65.9	183	10	0.38
## 2564	65.5	194	10	0.37
## 2565	65.9	177	11	0.38
## 2566	65.2	182	11	0.36
## 2567	64.3	193	12	0.60
## 2568	64.0	194	13	0.86
## 2569	63.7	198	14	0.37
## 2570	74.9	148	8	NA
## 2571	74.6	152	8	6.41
## 2572	74.5	153	9	6.50
## 2573	74.3	154	9	6.56
## 2574	74.1	155	10	6.07
## 2575	73.9	158	10	5.95
## 2576	73.7	16	11	5.88
## 2577	73.5	162	11	5.92
## 2578	73.3	165	12	6.20
## 2579	73.0	168	13	6.18
## 2580	72.5	177	13	6.26
## 2581	71.6	189	14	6.17
## 2582	71.7	189	15	6.14
## 2583	71.4	192	16	5.93
## 2584	71.2	194	17	5.92
## 2585	71.1	194	18	5.88
## 2586	75.7	12	0	NA
## 2587	75.5	12	0	1.13
## 2588	75.3	14	0	1.03
## 2589	75.1	15	0	1.23
## 2590	74.9	17	0	1.16
## 2591	74.7	18	0	1.47
## 2592	74.4	111	0	1.77
## 2593	74.2	111	0	1.72
## 2594	73.5	12	0	1.75
## 2595	73.7	122	0	1.74
## 2596	73.6	12	0	1.75
## 2597	73.5	12	0	2.07
## 2598	73.2	126	0	2.40
## 2599	72.8	128	0	2.53
## 2600	73.1	126	0	3.27
## 2601	72.6	125	0	2.86
## 2602	68.3	152	2	NA
## 2603	68.0	155	2	0.01
## 2604	67.7	158	2	0.01
## 2605	67.4	159	2	0.01
## 2606	67.2	161	2	0.50
## 2607	66.9	163	2	0.10
## 2608	66.6	165	2	0.09
## 2609	66.2	168	2	0.06
## 2610	65.8	173	2	0.05

## 2611	64.9	186	2	0.04
## 2612	63.7	26	3	0.36
## 2613	62.3	229	3	0.38
## 2614	61.0	25	3	0.44
## 2615	62.0	261	3	0.48
## 2616	59.4	269	3	0.50
## 2617	58.7	276	3	0.50
## 2618	59.9	287	13	NA
## 2619	59.7	285	13	0.01
## 2620	59.4	287	14	0.01
## 2621	58.9	294	14	0.01
## 2622	58.3	34	14	1.44
## 2623	57.4	323	14	1.21
## 2624	56.7	336	14	1.24
## 2625	56.2	344	14	1.33
## 2626	55.9	344	14	1.37
## 2627	55.7	345	15	1.37
## 2628	55.0	357	15	1.14
## 2629	54.9	355	15	1.01
## 2630	54.7	355	15	1.02
## 2631	54.7	351	15	1.00
## 2632	54.6	345	14	0.95
## 2633	54.6	339	14	1.10
## 2634	73.5	133	0	NA
## 2635	73.3	135	0	0.01
## 2636	73.2	137	0	0.01
## 2637	73.0	138	0	0.01
## 2638	72.9	14	0	0.96
## 2639	72.8	142	0	1.24
## 2640	72.5	147	0	1.08
## 2641	72.6	145	0	1.10
## 2642	72.5	146	0	2.05
## 2643	72.4	148	0	1.79
## 2644	72.3	15	0	1.57
## 2645	72.2	151	0	1.80
## 2646	72.0	153	0	1.79
## 2647	71.9	155	0	1.51
## 2648	71.8	157	0	1.35
## 2649	71.6	158	0	1.24
## 2650	71.2	17	0	NA
## 2651	71.1	171	0	6.94
## 2652	71.0	172	0	6.71
## 2653	78.0	174	0	6.70
## 2654	76.0	176	0	6.50
## 2655	74.0	179	0	6.50
## 2656	71.0	183	0	6.37
## 2657	69.9	185	0	6.41
## 2658	69.7	187	0	6.37
## 2659	69.6	188	0	6.35
## 2660	69.5	189	0	6.12

## 2661	69.4	19	0	5.82
## 2662	69.3	191	0	5.53
## 2663	69.2	192	0	5.12
## 2664	69.1	194	0	4.55
## 2665	69.1	197	0	4.68
## 2666	75.3	1	3	NA
## 2667	75.1	12	3	1.39
## 2668	74.9	13	3	1.29
## 2669	74.9	13	3	1.30
## 2670	74.8	13	3	1.29
## 2671	74.8	12	3	1.28
## 2672	74.7	12	3	1.40
## 2673	74.7	12	3	1.37
## 2674	74.6	12	3	1.24
## 2675	74.4	12	3	1.46
## 2676	74.2	14	3	1.37
## 2677	74.0	15	3	1.36
## 2678	73.7	17	4	1.34
## 2679	73.5	19	4	1.17
## 2680	73.2	11	4	1.19
## 2681	72.9	112	4	1.21
## 2682	75.8	16	15	NA
## 2683	75.5	17	16	1.45
## 2684	75.2	19	17	1.41
## 2685	74.8	112	19	1.54
## 2686	74.5	114	20	1.53
## 2687	74.2	116	21	1.49
## 2688	73.9	118	23	1.40
## 2689	73.5	121	25	1.39
## 2690	73.2	124	26	1.26
## 2691	72.8	126	28	1.29
## 2692	72.4	129	30	1.29
## 2693	72.0	132	33	1.35
## 2694	71.6	135	35	1.42
## 2695	71.2	138	38	1.47
## 2696	78.0	14	41	1.49
## 2697	74.0	143	44	1.54
## 2698	66.3	215	6	NA
## 2699	66.0	217	7	2.90
## 2700	65.4	228	7	2.93
## 2701	65.6	22	7	2.75
## 2702	65.6	217	7	2.55
## 2703	65.8	211	7	2.48
## 2704	65.6	215	6	2.35
## 2705	64.5	235	6	2.40
## 2706	64.1	241	6	2.58
## 2707	63.7	245	6	2.71
## 2708	63.3	248	6	2.85
## 2709	63.5	238	6	2.86
## 2710	63.4	231	7	2.88

## 2711	63.3	229	7	2.33
## 2712	64.0	221	7	2.35
## 2713	63.8	224	7	2.90
## 2714	NA	NA	0	0.01
## 2715	62.3	291	66	NA
## 2716	61.5	38	68	0.01
## 2717	67.0	325	71	0.01
## 2718	60.0	339	73	0.01
## 2719	59.3	347	76	10.22
## 2720	58.4	362	79	10.03
## 2721	57.5	378	82	9.63
## 2722	56.3	41	84	9.79
## 2723	55.5	41	88	9.65
## 2724	54.9	41	93	9.81
## 2725	53.2	446	99	10.09
## 2726	51.3	485	104	9.89
## 2727	51.0	53	109	10.16
## 2728	48.8	523	112	10.42
## 2729	47.7	539	115	10.57
## 2730	46.6	554	116	10.47
## 2731	71.3	195	4	NA
## 2732	78.0	23	4	8.06
## 2733	71.0	198	4	8.44
## 2734	77.0	25	5	8.44
## 2735	75.0	24	5	8.48
## 2736	69.8	212	5	8.39
## 2737	69.2	231	5	8.71
## 2738	67.7	273	5	9.46
## 2739	67.5	277	5	8.86
## 2740	67.7	267	5	7.99
## 2741	67.0	278	5	7.31
## 2742	67.4	267	5	6.79
## 2743	67.6	256	6	5.92
## 2744	67.6	256	6	4.89
## 2745	67.7	253	6	4.31
## 2746	67.5	257	6	4.49
## 2747	77.1	75	1	NA
## 2748	76.9	77	1	1.91
## 2749	76.7	78	1	1.82
## 2750	76.5	8	1	1.75
## 2751	76.3	81	1	1.73
## 2752	76.2	82	1	1.69
## 2753	76.0	84	1	1.73
## 2754	75.8	85	1	1.86
## 2755	75.6	87	1	1.69
## 2756	75.4	89	1	1.74
## 2757	75.3	92	1	1.79
## 2758	75.1	95	1	1.77
## 2759	74.9	98	1	1.74
## 2760	74.7	11	1	1.72

## 2761	74.5	14	1	1.67
## 2762	74.2	17	1	1.64
## 2763	81.2	69	3	10.66
## 2764	81.0	71	3	10.37
## 2765	87.0	72	3	10.32
## 2766	86.0	72	3	10.42
## 2767	86.0	74	3	10.68
## 2768	82.0	77	3	10.88
## 2769	81.0	78	4	10.79
## 2770	79.6	8	4	11.47
## 2771	79.5	8	4	11.84
## 2772	79.3	82	4	11.61
## 2773	79.0	82	4	12.05
## 2774	78.8	83	4	12.22
## 2775	78.3	86	4	11.85
## 2776	78.2	87	4	11.44
## 2777	78.0	88	4	10.91
## 2778	77.8	89	4	10.59
## 2779	61.8	279	85	NA
## 2780	67.0	34	86	0.01
## 2781	59.7	323	86	4.20
## 2782	58.6	348	87	3.98
## 2783	58.3	348	88	4.04
## 2784	57.5	36	89	4.19
## 2785	56.9	368	91	3.97
## 2786	56.2	376	92	3.44
## 2787	54.5	411	94	4.40
## 2788	53.1	437	96	4.07
## 2789	52.2	449	97	3.94
## 2790	51.5	454	100	3.81
## 2791	58.0	459	103	2.34
## 2792	52.0	46	106	3.37
## 2793	49.6	46	110	4.09
## 2794	49.2	457	114	3.89
## 2795	79.3	13	23	NA
## 2796	79.1	14	23	8.82
## 2797	78.9	16	23	8.82
## 2798	78.8	16	24	8.82
## 2799	78.7	16	25	8.67
## 2800	78.7	15	25	8.55
## 2801	78.5	18	26	8.71
## 2802	78.2	18	27	8.74
## 2803	78.1	11	27	8.74
## 2804	77.8	113	28	8.63
## 2805	77.5	112	28	8.52
## 2806	77.5	111	28	8.48
## 2807	77.2	114	28	8.40
## 2808	77.0	115	28	8.33
## 2809	76.9	115	28	8.25
## 2810	76.8	114	28	8.21

## 2811	77.0	116	0	NA
## 2812	76.8	117	0	6.03
## 2813	76.8	117	0	5.82
## 2814	76.5	118	0	5.77
## 2815	77.0	111	0	5.97
## 2816	76.3	118	0	6.21
## 2817	76.6	118	0	6.67
## 2818	76.4	119	1	6.76
## 2819	75.4	124	1	6.67
## 2820	76.2	117	1	6.58
## 2821	75.7	123	1	6.35
## 2822	75.4	122	1	5.66
## 2823	75.4	121	1	5.11
## 2824	75.4	124	1	5.86
## 2825	75.2	123	1	6.48
## 2826	75.1	131	1	6.65
## 2827	69.4	184	15	NA
## 2828	69.2	184	16	0.01
## 2829	69.1	185	17	0.01
## 2830	68.8	184	18	0.01
## 2831	68.5	183	19	2.83
## 2832	68.3	183	20	2.73
## 2833	68.0	183	21	2.56
## 2834	67.9	184	22	2.36
## 2835	67.8	184	22	2.15
## 2836	67.6	185	23	1.96
## 2837	67.3	192	24	1.78
## 2838	67.8	183	24	1.59
## 2839	67.2	183	25	1.54
## 2840	67.1	186	27	1.47
## 2841	67.4	185	28	1.53
## 2842	67.1	189	30	1.60
## 2843	72.0	13	0	NA
## 2844	71.7	134	0	0.01
## 2845	71.6	135	0	0.01
## 2846	71.4	138	0	0.01
## 2847	71.2	141	0	0.85
## 2848	71.0	145	0	0.91
## 2849	78.0	149	0	0.83
## 2850	75.0	153	0	1.18
## 2851	73.0	157	0	1.01
## 2852	71.0	161	0	1.00
## 2853	69.9	165	0	0.88
## 2854	69.6	169	0	0.85
## 2855	69.4	173	0	1.20
## 2856	69.3	176	0	1.24
## 2857	69.1	179	0	0.91
## 2858	69.0	18	0	1.21
## 2859	74.1	157	9	NA
## 2860	73.9	158	9	6.47

## 2861	73.8	159	9	6.71
## 2862	73.7	161	9	6.70
## 2863	73.8	158	9	6.74
## 2864	73.7	158	9	7.22
## 2865	73.6	166	9	7.59
## 2866	73.2	168	9	8.18
## 2867	73.4	165	9	8.70
## 2868	73.6	163	9	8.27
## 2869	73.6	158	9	7.92
## 2870	73.3	161	10	7.55
## 2871	72.4	172	10	6.30
## 2872	73.1	167	10	6.89
## 2873	72.5	169	10	8.05
## 2874	72.5	168	11	8.01
## 2875	76.0	127	28	NA
## 2876	75.9	128	28	4.09
## 2877	75.7	129	28	4.00
## 2878	75.6	13	29	4.12
## 2879	75.4	131	29	3.94
## 2880	75.2	133	29	3.93
## 2881	75.0	134	29	3.86
## 2882	74.9	135	28	3.58
## 2883	74.7	136	28	3.01
## 2884	74.6	136	28	2.56
## 2885	74.4	136	29	2.70
## 2886	74.2	136	29	2.86
## 2887	74.0	137	30	2.19
## 2888	73.8	137	30	2.03
## 2889	73.6	138	32	1.84
## 2890	73.4	139	33	1.60
## 2891	65.7	224	37	NA
## 2892	65.4	228	37	0.01
## 2893	65.4	226	36	0.04
## 2894	64.7	236	36	0.04
## 2895	64.6	234	35	0.04
## 2896	64.4	233	35	0.06
## 2897	64.1	235	36	0.03
## 2898	63.8	238	37	0.04
## 2899	63.4	24	38	0.05
## 2900	63.0	242	39	0.04
## 2901	62.6	245	40	0.04
## 2902	62.2	247	42	0.06
## 2903	61.9	249	43	0.04
## 2904	61.5	25	45	0.07
## 2905	61.1	251	46	0.08
## 2906	68.0	252	48	0.07
## 2907	61.8	33	27	NA
## 2908	61.1	314	28	0.01
## 2909	63.0	328	29	2.41
## 2910	59.2	349	29	2.59

## 2911	58.2	366	29	2.57	
## 2912	58.0	363	30	2.47	
## 2913	57.4	368	30	2.30	
## 2914	55.7	45	31	2.12	
## 2915	52.6	487	32	2.08	
## 2916	58.0	526	33	2.25	
## 2917	49.3	554	34	2.33	
## 2918	47.9	578	36	2.46	
## 2919	46.4	64	39	2.33	
## 2920	45.5	69	41	2.44	
## 2921	44.6	611	43	2.61	
## 2922	43.8	614	44	2.62	
## 2923	67.0	336	22	NA	
## 2924	59.2	371	23	6.50	
## 2925	58.0	399	25	6.39	
## 2926	56.6	429	26	6.09	
## 2927	54.9	464	28	6.00	
## 2928	52.4	527	29	5.21	
## 2929	50.0	587	30	4.64	
## 2930	48.2	632	30	3.56	
## 2931	46.6	67	29	3.88	
## 2932	45.4	7	28	4.57	
## 2933	44.6	717	28	4.14	
## 2934	44.3	723	27	4.36	
## 2935	44.5	715	26	4.06	
## 2936	44.8	73	25	4.43	
## 2937	45.3	686	25	1.72	
## 2938	46.0	665	24	1.68	
##	percentage.expenditure	Hepatitis.B	Measles	BMI	under.five.deaths
Polio					
## 1	7.127962e+01	65	1154	19.1	83
6					
## 2	7.352358e+01	62	492	18.6	86
58					
## 3	7.321924e+01	64	430	18.1	89
62					
## 4	7.818422e+01	67	2787	17.6	93
67					
## 5	7.097109e+00	68	3013	17.2	97
68					
## 6	7.967937e+01	66	1989	16.7	102
66					
## 7	5.676222e+01	63	2861	16.2	106
63					
## 8	2.587393e+01	64	1599	15.7	110
64					
## 9	1.091016e+01	63	1141	15.2	113
63					
## 10	1.717152e+01	64	1990	14.7	116
58					

## 11 58	1.388648e+00	66	1296 14.2	118
## 12 5	1.529607e+01	67	466 13.8	120
## 13 41	1.108905e+01	65	798 13.4	122
## 14 36	1.688735e+01	64	2486 13.0	122
## 15 35	1.057473e+01	63	8762 12.6	122
## 16 24	1.042496e+01	62	6532 12.2	122
## 17 99	3.649752e+02	99	0 58.0	0
## 18 98	4.287491e+02	98	0 57.2	1
## 19 99	4.308770e+02	99	0 56.5	1
## 20 99	4.124434e+02	99	9 55.8	1
## 21 99	4.370621e+02	99	28 55.1	1
## 22 99	4.182276e+01	99	10 54.3	1
## 23 98	3.480560e+02	98	0 53.5	1
## 24 99	3.662207e+01	99	0 52.6	1
## 25 99	3.224655e+01	98	22 51.7	1
## 26 97	3.302154e+00	98	68 5.8	1
## 27 97	2.699312e+01	98	6 49.9	1
## 28 98	2.218428e+02	99	7 48.9	1
## 29 97	1.471929e+01	97	8 47.9	1
## 30 98	1.045169e+02	96	16 46.9	1
## 31 97	9.620557e+01	96	18 46.0	1
## 32 97	9.171154e+01	96	662 45.0	1
## 33 95	0.000000e+00	95	63 59.5	24
## 34 95	5.423732e+01	95	0 58.4	24
## 35 95	5.444507e+02	95	25 57.2	24

## 36 95	5.559261e+02	95	18 56.1	24
## 37 95	5.090020e+02	95	112 55.0	24
## 38 95	4.307176e+02	95	103 53.9	24
## 39 94	3.520636e+02	94	107 52.8	23
## 40 92	4.308717e+01	91	217 51.8	23
## 41 95	3.203239e+02	9	0 5.8	23
## 42 95	2.702402e+02	8	944 49.8	23
## 43 88	2.548923e+00	83	2302 48.9	22
## 44 86	2.203937e+02	81	3289 47.9	23
## 45 87	2.501852e+01	NA	15374 47.0	23
## 46 86	1.485120e+02	NA	5862 46.1	23
## 47 89	1.479861e+02	NA	2686 45.3	24
## 48 86	1.544559e+02	NA	0 44.4	25
## 49 7	0.000000e+00	64	118 23.3	98
## 50 68	2.396561e+01	64	11699 22.7	101
## 51 67	3.595857e+01	77	8523 22.1	105
## 52 75	2.561225e+02	75	4458 21.5	110
## 53 73	2.398914e+02	72	1449 21.0	115
## 54 81	1.916537e+02	77	1190 2.4	121
## 55 63	2.129229e+02	61	2807 19.8	127
## 56 65	2.499102e+02	69	265 19.3	133
## 57 75	1.848213e+02	73	1014 18.8	138
## 58 36	2.508689e+01	NA	765 18.2	143
## 59 39	9.819145e+01	NA	258 17.7	148
## 60 4	8.866777e+00	NA	29 17.2	152

## 61 4	3.593349e+01	NA	1196 16.8	155
## 62 37	2.403794e+01	NA	11945 16.3	157
## 63 41	3.035994e+01	NA	9046 15.8	159
## 64 3	1.588149e+01	NA	2219 15.4	160
## 65 86	0.000000e+00	99	0 47.7	0
## 66 96	2.423000e+03	99	0 47.0	0
## 67 98	1.991430e+03	99	0 46.4	0
## 68 97	2.156230e+03	98	0 45.7	0
## 69 99	1.810875e+03	99	0 45.1	0
## 70 99	1.983957e+03	98	0 44.4	0
## 71 98	1.493587e+02	98	0 43.8	0
## 72 99	1.807763e+02	98	0 43.2	0
## 73 98	2.579665e+02	97	0 42.6	0
## 74 99	2.163147e+02	99	0 42.0	0
## 75 98	1.455608e+03	99	0 41.4	0
## 76 97	2.286295e+01	97	0 4.8	0
## 77 99	1.158065e+03	99	0 4.1	0
## 78 93	9.274076e+02	99	0 39.5	0
## 79 99	1.637677e+02	96	0 38.9	0
## 80 96	1.127743e+03	NA	0 38.2	0
## 81 93	0.000000e+00	94	0 62.8	9
## 82 92	8.473717e+02	94	1 62.2	9
## 83 99	1.001796e+03	94	0 61.6	10
## 84 99	1.133558e+03	91	2 61.0	10
## 85 93	1.504329e+03	91	3 6.4	10

## 86 95	1.876110e+02	94	17 59.8	11
## 87 97	1.398043e+03	94	3 59.2	11
## 88 94	1.413735e+03	9	0 58.6	11
## 89 92	1.105659e+03	85	0 58.0	12
## 90 92	9.611775e+02	84	0 57.5	12
## 91 95	9.616653e+01	88	0 56.9	12
## 92 91	7.193664e+02	81	0 56.3	12
## 93 95	5.758467e+01	73	0 55.7	13
## 94 94	4.701869e+02	66	0 55.1	13
## 95 85	1.230129e+02	NA	0 54.6	13
## 96 88	1.349025e+03	NA	6 54.0	14
## 97 96	0.000000e+00	94	33 54.9	1
## 98 95	2.956087e+02	93	13 54.1	1
## 99 96	2.794291e+02	95	10 53.3	1
## 100 96	2.741527e+02	95	0 52.6	1
## 101 96	2.609964e+02	95	0 51.9	1
## 102 96	2.243212e+02	94	2 51.2	1
## 103 94	2.011855e+02	93	0 5.7	1
## 104 91	2.888898e+00	89	0 5.1	1
## 105 9	4.457220e+01	85	1 49.7	1
## 106 87	2.445353e+02	78	137 49.2	1
## 107 92	2.021823e+01	91	2281 48.8	1
## 108 93	9.774088e+01	91	1783 48.4	1
## 109 96	7.341493e+00	93	4 48.1	1
## 110 96	5.717810e+01	91	40 47.8	1

## 111 97	5.319373e+01	69	69 47.4	1
## 112 96	3.275627e+01	55	15 47.1	1
## 113 93	0.000000e+00	93	74 66.6	1
## 114 92	1.076936e+04	91	340 66.1	1
## 115 91	1.173485e+04	91	158 65.5	1
## 116 92	1.171500e+04	91	199 65.0	1
## 117 92	1.098627e+04	92	190 64.4	1
## 118 92	8.875786e+03	92	70 63.9	1
## 119 92	7.172275e+03	94	104 63.4	1
## 120 92	8.547292e+03	94	65 62.9	1
## 121 92	8.725986e+02	94	11 62.5	2
## 122 92	6.187062e+03	95	0 62.0	2
## 123 92	5.791332e+02	95	10 61.5	2
## 124 92	5.885684e+02	95	70 6.9	1
## 125 92	3.829551e+03	95	91 6.3	1
## 126 92	4.638718e+01	95	32 59.6	2
## 127 91	3.064301e+03	94	141 59.0	2
## 128 9	3.471874e+02	NA	108 58.2	2
## 129 93	0.000000e+00	93	309 57.6	0
## 130 98	8.350194e+03	98	117 57.1	0
## 131 95	9.058501e+01	95	0 56.6	0
## 132 92	7.878372e+03	92	36 56.1	0
## 133 89	8.272307e+03	89	68 55.7	0
## 134 86	7.423229e+03	86	52 55.2	0
## 135 83	8.053558e+03	83	49 54.7	0

## 136 83	8.329732e+03	83	448 54.2	0
## 137 85	7.453864e+03	85	20 53.7	0
## 138 83	6.992899e+01	83	23 53.2	0
## 139 86	5.992588e+03	86	9 52.7	0
## 140 83	5.316877e+03	83	15 52.2	0
## 141 84	5.044309e+02	83	90 51.7	0
## 142 82	3.979058e+03	81	0 51.2	0
## 143 83	3.582848e+03	44	0 5.6	0
## 144 71	3.557456e+03	33	0 5.1	0
## 145 98	0.000000e+00	96	0 52.5	6
## 146 97	3.061824e+02	94	0 51.5	6
## 147 96	2.756515e+02	93	164 5.6	6
## 148 92	2.856104e+02	88	0 49.7	6
## 149 91	2.631427e+02	84	0 48.8	6
## 150 85	2.465686e+02	8	0 48.0	6
## 151 84	2.248638e+01	74	0 47.3	6
## 152 85	2.062616e+02	68	5 46.6	6
## 153 81	1.760107e+02	62	0 45.9	7
## 154 8	1.056337e+02	52	222 45.3	7
## 155 79	8.128883e+01	49	1238 44.7	7
## 156 78	8.596805e+00	5	827 44.2	8
## 157 79	4.241491e+01	51	1978 43.6	8
## 158 8	3.933254e+01	5	4353 43.1	9
## 159 77	4.104190e+00	NA	574 42.6	10
## 160 75	3.509463e+01	NA	210 42.1	11

## 161	0.000000e+00	95	0 64.5	0
95				
## 162	0.000000e+00	96	0 63.8	0
96				
## 163	0.000000e+00	97	0 63.2	0
97				
## 164	0.000000e+00	96	0 62.6	0
99				
## 165	0.000000e+00	95	0 62.0	0
97				
## 166	0.000000e+00	98	0 61.3	0
97				
## 167	0.000000e+00	95	0 6.7	0
97				
## 168	0.000000e+00	9	0 6.1	0
93				
## 169	0.000000e+00	93	0 59.4	0
95				
## 170	0.000000e+00	96	0 58.7	0
94				
## 171	0.000000e+00	93	0 58.1	0
93				
## 172	0.000000e+00	93	0 57.4	0
92				
## 173	0.000000e+00	88	0 56.7	0
93				
## 174	0.000000e+00	89	0 56.0	0
93				
## 175	0.000000e+00	21	0 55.2	0
98				
## 176	0.000000e+00	NA	0 54.4	0
91				
## 177	0.000000e+00	98	0 63.6	0
98				
## 178	3.672557e+02	98	46 62.9	0
98				
## 179	3.968696e+00	99	0 62.2	0
99				
## 180	2.211216e+03	99	0 61.5	0
99				
## 181	1.977735e+02	99	0 6.8	0
99				
## 182	2.667696e+02	99	0 6.1	0
99				
## 183	3.329348e+02	98	3 59.3	0
97				
## 184	2.315479e+02	97	2 58.5	0
97				
## 185	2.783603e+02	97	7 57.6	0
97				

## 186 98	1.707374e+02	98	3 56.8	0
## 187 98	1.553469e+03	98	4 56.1	0
## 188 98	1.380228e+03	98	11 55.6	0
## 189 97	1.214558e+03	98	12 55.2	0
## 190 98	1.064303e+02	98	8 55.0	0
## 191 99	1.150418e+03	99	5 54.8	0
## 192 97	1.677271e+02	97	6 54.5	0
## 193 97	0.000000e+00	97	240 18.3	113
## 194 97	1.044640e+01	97	289 17.7	121
## 195 96	5.282986e+01	96	237 17.0	130
## 196 94	5.925893e+01	94	1986 16.4	139
## 197 96	6.234988e+01	96	5625 15.8	150
## 198 94	6.265945e+01	94	788 15.2	161
## 199 97	5.326400e+01	97	718 14.6	173
## 200 96	4.248865e+01	96	2660 14.0	186
## 201 96	4.636537e+01	95	2924 13.5	201
## 202 95	4.233045e+01	86	6192 13.0	215
## 203 94	3.805462e+01	45	25934 12.5	231
## 204 88	4.114697e+00	11	9743 12.0	247
## 205 9	3.548459e+01	5	4067 11.6	264
## 206 83	3.972288e-01	NA	3484 11.2	280
## 207 85	3.395070e+00	NA	4414 1.8	298
## 208 83	3.696331e+00	NA	5098 1.4	316
## 209 97	0.000000e+00	97	0 54.5	0
## 210 95	2.949057e+02	94	0 53.7	0

## 211 91	2.630373e+02	91	0 53.0	0
## 212 88	2.600044e+02	87	0 52.2	0
## 213 91	1.739826e+02	91	0 51.4	0
## 214 9	1.549631e+02	86	0 5.7	0
## 215 93	3.271618e+02	93	0 49.9	0
## 216 85	2.552277e+01	85	0 49.2	0
## 217 93	1.641310e+03	93	0 48.4	0
## 218 85	1.815001e+02	84	0 47.7	0
## 219 91	1.311440e+03	92	0 46.9	0
## 220 93	1.660083e+02	93	0 46.2	0
## 221 9	1.351399e+01	91	0 45.4	0
## 222 86	1.330995e+02	66	0 44.6	0
## 223 93	1.381665e+02	18	0 43.8	0
## 224 86	1.140616e+03	NA	0 43.0	0
## 225 99	0.000000e+00	99	2 62.3	0
## 226 97	1.147111e+03	97	64 61.7	0
## 227 98	1.109855e+03	98	16 61.1	1
## 228 98	9.170962e+01	97	10 6.5	1
## 229 98	8.469113e+02	98	50 59.9	1
## 230 99	8.494095e+00	96	1 59.3	1
## 231 98	4.347985e+02	98	0 58.7	1
## 232 98	5.018056e+02	98	0 58.2	1
## 233 9	4.640775e+02	91	1 57.7	1
## 234 97	3.644261e+02	98	149 57.2	1
## 235 98	4.565008e+01	99	1 56.7	1

## 236 99	4.233444e+01	99	2 56.2	1
## 237 53	2.383579e+01	56	21 55.8	1
## 238 99	1.454234e+02	99	14 55.3	1
## 239 99	1.406142e+01	93	45 54.9	1
## 240 99	2.424948e+01	7	21 54.4	1
## 241 99	0.000000e+00	98	47 63.7	1
## 242 99	7.163349e+03	98	70 63.4	1
## 243 99	7.023594e+02	98	39 63.0	1
## 244 99	6.644739e+02	98	109 62.6	1
## 245 98	7.135297e+02	97	576 62.3	1
## 246 98	6.657356e+02	97	40 61.9	1
## 247 98	6.719377e+02	97	33 61.6	1
## 248 99	7.191052e+03	98	98 61.3	1
## 249 99	6.403561e+02	94	64 6.9	1
## 250 99	5.579199e+03	94	15 6.6	1
## 251 97	5.068214e+03	77	26 6.2	1
## 252 96	5.160508e+03	64	61 59.8	1
## 253 96	5.073062e+02	64	44 59.4	1
## 254 96	3.203178e+02	6	0 59.0	1
## 255 96	2.943375e+03	6	83 58.5	1
## 256 96	2.872085e+02	6	0 58.1	1
## 257 94	0.000000e+00	94	0 5.9	0
## 258 95	6.700921e+02	95	0 5.1	0
## 259 95	6.292019e+02	95	0 49.3	0
## 260 98	5.828027e+02	98	0 48.5	0

## 261 95	6.056287e+02	95	0 47.8	0
## 262 96	5.699527e+02	96	0 47.0	0
## 263 98	5.498096e+02	97	0 46.3	0
## 264 94	5.125232e+01	94	0 45.7	0
## 265 97	6.963051e+01	96	0 45.0	0
## 266 98	3.873325e+02	98	0 44.4	0
## 267 96	3.657999e+02	96	0 43.8	0
## 268 97	3.256807e+02	97	0 43.2	0
## 269 95	3.127996e+02	96	0 42.6	0
## 270 93	2.628299e+02	97	0 42.0	0
## 271 96	2.516587e+02	96	0 41.4	0
## 272 91	2.190240e+02	76	0 4.8	0
## 273 78	0.000000e+00	82	55 25.7	39
## 274 74	9.012207e+01	78	786 25.2	39
## 275 73	8.740804e+01	77	637 24.6	39
## 276 8	9.804075e+00	8	288 24.1	39
## 277 77	1.102634e+02	75	426 23.5	39
## 278 77	9.425738e+01	76	392 23.0	39
## 279 8	7.101399e+01	79	1461 22.5	39
## 280 77	7.615430e+00	75	928 22.0	39
## 281 82	7.492818e+00	82	341 21.5	39
## 282 76	7.591429e+01	74	176 21.0	39
## 283 73	7.106997e+00	7	210 2.5	39
## 284 74	1.073628e+01	75	262 2.1	39
## 285 75	8.931827e+00	73	217 19.7	40

## 286 76	4.048815e+01	15	1588 19.2	40
## 287 77	4.533476e+01	NA	5859 18.8	40
## 288 78	3.738182e+01	NA	4244 18.4	40
## 289 98	0.000000e+00	99	11 24.5	0
## 290 98	2.093921e+02	99	0 23.6	1
## 291 97	1.979057e+01	97	0 22.7	1
## 292 97	1.887374e+02	97	1 21.9	1
## 293 95	2.898524e+02	95	10 21.1	1
## 294 92	2.440392e+02	91	21 2.3	1
## 295 93	2.748907e+01	93	6 19.5	1
## 296 96	3.026676e+02	96	7 18.8	1
## 297 93	2.838062e+02	95	11 18.0	1
## 298 96	1.692024e+02	95	2 17.4	1
## 299 95	1.455965e+02	95	11 16.7	1
## 300 9	2.586698e+00	89	3 16.1	1
## 301 96	1.915664e+01	95	0 15.5	1
## 302 89	1.519755e+02	83	27 14.9	1
## 303 88	8.574030e+00	89	756 14.4	1
## 304 98	9.335873e+01	98	418 13.9	1
## 305 99	0.000000e+00	99	0 52.6	10
## 306 99	0.000000e+00	98	0 51.9	10
## 307 95	0.000000e+00	94	0 51.2	10
## 308 93	0.000000e+00	93	0 5.6	11
## 309 95	0.000000e+00	95	0 49.9	11
## 310 9	0.000000e+00	91	0 49.3	12

## 311 92	0.000000e+00	93	0 48.6	12
## 312 87	0.000000e+00	88	0 48.0	13
## 313 85	0.000000e+00	84	0 47.3	14
## 314 82	0.000000e+00	83	0 46.7	15
## 315 84	0.000000e+00	85	0 46.0	16
## 316 84	0.000000e+00	84	0 45.4	16
## 317 82	0.000000e+00	8	0 44.7	17
## 318 76	0.000000e+00	77	0 44.0	18
## 319 71	0.000000e+00	77	0 43.3	19
## 320 74	0.000000e+00	77	122 42.6	20
## 321 74	0.000000e+00	82	1677 55.8	0
## 322 86	7.328662e+02	89	3000 55.3	0
## 323 87	7.561063e+01	91	0 54.7	0
## 324 87	6.938226e+02	92	22 54.2	0
## 325 89	7.959131e+00	88	10 53.7	0
## 326 9	6.303884e+02	89	45 53.1	0
## 327 9	6.450213e+02	9	22 52.6	0
## 328 92	6.604635e+01	88	8 52.1	0
## 329 95	8.240356e+00	94	166 51.5	0
## 330 91	3.825414e+01	9	17 51.0	0
## 331 95	4.571354e+01	93	23 5.5	0
## 332 87	3.479919e+00	36	28 49.9	0
## 333 87	3.986518e+01	NA	18 49.4	0
## 334 86	1.511399e+02	NA	28 48.8	0
## 335 92	1.432947e+02	NA	0 48.2	0

## 336 87	1.656169e+02	NA	43 47.6	0
## 337 96	0.000000e+00	95	0 37.9	2
## 338 96	6.628022e+02	95	1 37.3	2
## 339 96	1.117811e+00	95	1 36.8	2
## 340 96	1.283447e+01	95	7 36.2	3
## 341 96	6.689563e+02	95	8 35.7	3
## 342 96	5.470387e+02	95	853 35.2	3
## 343 96	4.267856e+02	94	184 34.7	3
## 344 96	4.768626e+02	94	0 34.2	3
## 345 96	5.125888e+02	93	1 33.7	3
## 346 96	7.631868e+01	93	6 33.2	3
## 347 96	6.298426e+02	92	5 32.7	3
## 348 96	4.695824e+02	91	1 32.2	4
## 349 96	2.993671e+02	9	59 31.6	4
## 350 97	6.330007e+00	88	7 31.1	4
## 351 97	3.069527e+02	87	1 3.5	4
## 352 97	2.508916e+02	86	2672 29.9	4
## 353 98	0.000000e+00	96	214 56.1	47
## 354 96	8.316465e+01	96	876 55.3	49
## 355 96	9.162708e+02	96	220 54.5	52
## 356 96	8.431946e+02	96	2 53.6	54
## 357 98	1.085000e+03	98	43 52.8	57
## 358 99	1.111191e+03	96	68 52.0	61
## 359 99	5.645234e+02	99	0 51.1	64
## 360 99	5.263781e+02	96	0 5.3	68

## 361	3.949321e+02	99	0 49.4	73
99				
## 362	3.030375e+01	99	57 48.6	79
99				
## 363	2.376370e+01	98	6 47.8	85
99				
## 364	1.866090e+02	96	0 46.9	93
99				
## 365	1.585781e+01	97	2 46.1	100
99				
## 366	1.409825e+02	92	1 45.3	109
99				
## 367	1.494802e+02	91	1 44.5	118
99				
## 368	1.794777e+02	94	36 43.7	127
99				
## 369	0.000000e+00	99	4 41.2	0
99				
## 370	2.691433e+02	99	1 4.2	0
99				
## 371	2.845306e+03	98	0 39.2	0
99				
## 372	3.192634e+03	99	1 38.2	0
99				
## 373	2.957730e+02	93	4 37.2	0
99				
## 374	2.218364e+03	96	0 36.2	0
99				
## 375	1.873687e+03	96	2 35.2	0
99				
## 376	2.538941e+03	96	3 34.2	0
97				
## 377	2.048557e+03	97	0 33.2	0
95				
## 378	2.497533e+01	99	0 32.2	0
94				
## 379	1.797148e+02	99	9 31.2	0
93				
## 380	1.504300e+03	99	16 3.1	0
92				
## 381	1.406512e+03	99	24 29.1	0
99				
## 382	9.417037e+02	99	0 28.0	0
99				
## 383	1.078662e+03	99	11 27.0	0
99				
## 384	1.179686e+01	99	42 26.1	0
99				
## 385	0.000000e+00	92	0 65.7	1
91				

## 386 88	1.531400e+02	95	0 65.1	1
## 387 95	1.496599e+02	95	14 64.5	1
## 388 95	8.514507e+02	95	1 63.9	1
## 389 95	8.751495e+02	96	157 63.3	1
## 390 94	7.664455e+02	95	22004 62.7	1
## 391 94	6.615144e+02	96	2249 62.1	1
## 392 96	1.079826e+02	96	1 61.5	1
## 393 95	5.915101e+02	95	1 6.9	1
## 394 96	5.086305e+02	96	1 6.3	1
## 395 97	4.563405e+02	96	3 59.7	1
## 396 94	3.841473e+02	94	0 59.1	1
## 397 96	3.238616e+01	96	0 58.6	1
## 398 94	3.326778e+01	88	0 58.1	1
## 399 94	2.506263e+01	93	8 57.5	1
## 400 94	1.523573e+01	94	46 57.0	1
## 401 91	0.000000e+00	91	99 19.4	61
## 402 91	8.386340e+00	91	343 18.8	63
## 403 89	8.897040e+01	88	375 18.2	66
## 404 9	7.876987e+01	9	7362 17.7	68
## 405 9	8.555593e+01	91	860 17.1	71
## 406 9	9.046018e+01	91	2511 16.6	74
## 407 91	8.114305e+01	92	54118 16.1	77
## 408 92	1.077988e+02	93	395 15.6	80
## 409 93	7.392731e+01	89	12 15.1	83
## 410 94	6.424025e+01	76	125 14.6	86

## 411 94	8.769989e+00	NA	253 14.2	89
## 412 83	5.696108e+01	NA	77 13.7	91
## 413 83	4.160951e+01	NA	2946 13.3	92
## 414 69	3.195567e+00	NA	1744 12.9	93
## 415 62	2.310169e+01	NA	4174 12.5	93
## 416 45	1.983930e+01	NA	6074 12.2	92
## 417 94	0.000000e+00	94	9 18.7	31
## 418 95	4.125159e+01	95	0 18.2	32
## 419 96	4.015128e+01	96	0 17.6	32
## 420 96	3.873171e+01	96	49 17.1	33
## 421 95	3.595980e+00	96	129 16.6	33
## 422 94	3.114188e+01	96	495 16.1	34
## 423 96	2.030495e+00	94	305 15.7	34
## 424 89	1.599415e+01	92	173 15.2	35
## 425 93	1.726595e+00	99	43 14.8	36
## 426 88	2.124915e+01	92	784 14.5	36
## 427 82	1.747441e+00	87	0 14.1	37
## 428 76	1.122655e+01	83	2 13.8	38
## 429 75	6.545264e+00	NA	224 13.5	38
## 430 74	9.660010e+00	NA	1016 13.3	39
## 431 72	1.061918e+01	NA	0 13.0	40
## 432 71	9.696689e+00	NA	18363 12.8	41
## 433 81	0.000000e+00	83	65 28.0	79
## 434 76	0.000000e+00	76	50 27.4	80
## 435 79	0.000000e+00	8	48 26.8	81

## 436 83	0.000000e+00	82	137 26.2	82
## 437 58	0.000000e+00	62	628 25.6	83
## 438 81	0.000000e+00	85	441 25.0	84
## 439 77	0.000000e+00	81	183 24.4	84
## 440 58	0.000000e+00	74	12 23.8	85
## 441 75	0.000000e+00	76	5 23.2	87
## 442 76	0.000000e+00	77	11 22.6	89
## 443 87	0.000000e+00	76	115 22.1	90
## 444 76	0.000000e+00	67	3466 21.5	91
## 445 68	0.000000e+00	63	4770 2.9	92
## 446 7	0.000000e+00	48	5882 2.4	93
## 447 7	0.000000e+00	1	5790 19.9	94
## 448 66	0.000000e+00	NA	5729 19.4	95
## 449 93	0.000000e+00	96	0 31.3	0
## 450 95	4.140242e+02	97	0 3.5	0
## 451 93	3.256299e+02	94	0 29.7	0
## 452 94	3.355889e+01	94	0 29.0	0
## 453 9	4.409153e+00	9	0 28.2	0
## 454 99	2.868907e+02	98	0 27.5	0
## 455 99	3.399777e+02	98	0 26.8	0
## 456 99	3.606209e+02	98	0 26.2	0
## 457 98	3.454637e+02	96	0 25.5	0
## 458 97	2.645133e+01	95	0 24.9	0
## 459 95	3.349817e+00	93	0 24.3	0
## 460 94	2.401397e+02	91	0 23.7	0

## 461 93	2.090865e+02	66	0 23.2	0
## 462 92	1.552073e+02	4	0 22.6	0
## 463 91	1.507435e+02	NA	0 22.1	0
## 464 9	1.225745e+02	NA	2 21.5	0
## 465 87	0.000000e+00	89	0 19.6	12
## 466 87	1.217952e+01	88	0 18.9	12
## 467 66	8.758215e+00	83	0 18.2	13
## 468 84	6.914724e+00	86	15 17.6	14
## 469 87	6.018592e+01	88	722 17.0	15
## 470 88	5.688416e+01	89	1156 16.4	16
## 471 95	4.835424e+01	92	4779 15.9	17
## 472 91	5.310009e+01	91	4211 15.3	18
## 473 82	5.773517e+01	82	394 14.8	20
## 474 8	5.150447e+01	8	188 14.3	21
## 475 82	6.221817e+01	NA	264 13.9	22
## 476 86	8.386119e+00	NA	352 13.5	24
## 477 69	5.559544e+01	NA	653 13.1	26
## 478 54	3.091061e+01	NA	1361 12.8	29
## 479 59	2.768971e+01	NA	3761 12.4	33
## 480 62	3.284181e-01	NA	12237 12.1	36
## 481 83	0.000000e+00	84	1809 29.0	68
## 482 86	6.139264e+01	87	831 28.4	71
## 483 88	6.307890e+01	89	760 27.8	73
## 484 85	6.855839e+01	85	609 27.2	76
## 485 8	8.318071e+01	82	504 26.6	79

## 486 83	1.008987e+02	84	240 26.0	82
## 487 79	9.042541e+00	8	251 25.4	85
## 488 82	6.870730e+01	84	495 24.9	87
## 489 81	7.562893e+00	82	100 24.4	89
## 490 78	9.624971e-01	81	196 23.8	91
## 491 79	7.303276e+01	79	605 23.3	93
## 492 72	7.177302e+00	NA	358 22.8	94
## 493 72	6.763925e+01	NA	899 22.3	95
## 494 66	5.370597e+01	NA	1448 21.8	97
## 495 61	4.173629e+01	NA	23934 21.3	99
## 496 57	4.720594e+00	NA	14629 2.9	100
## 497 91	0.000000e+00	55	195 67.0	2
## 498 91	1.021902e+02	55	418 66.4	2
## 499 91	9.733228e+03	55	83 65.8	2
## 500 99	9.748636e+03	7	10 65.3	2
## 501 87	9.719280e+02	7	803 64.7	2
## 502 88	8.649675e+03	56	99 64.1	2
## 503 89	8.649499e+02	42	14 63.6	2
## 504 89	8.433937e+03	28	62 63.0	2
## 505 9	7.946744e+03	14	101 62.5	2
## 506 95	7.711818e+02	14	13 61.9	2
## 507 93	6.333178e+03	14	6 61.3	2
## 508 91	5.513330e+03	14	7 6.6	2
## 509 88	4.687846e+03	14	15 6.0	2
## 510 88	3.895856e+03	NA	6 59.3	2

## 511 88	3.665090e+03	NA	34 58.5	2
## 512 88	3.787495e+03	NA	206 57.8	2
## 513 47	0.000000e+00	47	150 22.7	21
## 514 47	5.343964e+01	47	210 22.1	22
## 515 23	5.237767e+01	23	596 21.6	23
## 516 47	7.344808e+00	47	141 21.2	23
## 517 47	5.852947e+01	47	679 2.7	24
## 518 46	4.348359e+01	45	2 2.2	24
## 519 45	4.045157e+01	42	11 19.8	25
## 520 46	6.734138e+01	NA	12 19.4	25
## 521 46	6.004885e+01	NA	49 19.0	26
## 522 47	4.690118e+01	NA	3 18.6	26
## 523 47	4.092208e+01	NA	471 18.2	26
## 524 45	4.150112e+01	NA	1233 17.9	26
## 525 44	4.611619e+01	NA	652 17.5	26
## 526 42	3.159416e+01	NA	938 17.2	25
## 527 4	3.365316e+01	NA	2837 16.8	25
## 528 38	3.078383e+01	NA	3207 16.5	25
## 529 52	0.000000e+00	46	418 19.1	77
## 530 44	1.130207e+01	37	1275 18.7	78
## 531 46	7.652383e+01	39	226 18.2	78
## 532 51	5.782427e+01	4	120 17.9	79
## 533 4	6.776269e+01	33	8650 17.5	79
## 534 43	4.357329e+01	39	194 17.1	80
## 535 32	4.982900e+00	24	165 16.7	80

## 536 3	4.909198e+01	17	63 16.4	80
## 537 38	5.962924e+00	NA	441 16.1	80
## 538 49	6.267226e+01	NA	1594 15.7	80
## 539 37	8.936065e+00	NA	2 15.4	79
## 540 31	7.238451e+01	NA	10324 15.1	78
## 541 36	3.979244e+00	NA	15801 14.8	77
## 542 31	3.039691e+00	NA	7277 14.4	76
## 543 26	2.687439e+01	NA	24908 14.1	75
## 544 3	2.152702e+01	NA	3546 13.9	74
## 545 96	0.000000e+00	97	9 63.8	2
## 546 95	2.353000e+03	95	0 63.1	2
## 547 9	2.442222e+03	9	0 62.5	2
## 548 9	2.260778e+03	9	0 61.8	2
## 549 93	2.116143e+02	94	6 61.2	2
## 550 92	1.774925e+02	92	0 6.6	2
## 551 94	1.815259e+02	94	1 59.9	2
## 552 95	2.415533e+02	95	0 59.3	2
## 553 95	2.094876e+02	92	0 58.7	2
## 554 94	1.275690e+03	95	0 58.1	2
## 555 92	9.549645e+02	NA	0 57.4	2
## 556 94	7.878565e+01	NA	0 56.8	2
## 557 96	5.840993e+02	NA	1 56.1	2
## 558 97	6.757808e+02	NA	0 55.4	3
## 559 96	6.875117e+02	NA	0 54.7	3
## 560 91	7.414843e+01	NA	0 54.0	3

## 561 99	0.000000e+00	99	42361 32.9	183
## 562 99	1.098744e+02	99	52628 31.9	198
## 563 99	9.955532e+00	99	26883 3.9	216
## 564 99	9.443446e+01	99	6183 3.0	233
## 565 99	9.126750e+01	99	9943 29.0	251
## 566 99	5.660755e+00	99	38159 28.1	268
## 567 99	5.028349e+01	99	52461 27.3	288
## 568 99	3.922510e+01	95	131441 26.5	308
## 569 94	3.126625e+02	92	109023 25.7	332
## 570 94	2.974343e+01	91	99602 24.9	360
## 571 87	1.716596e+02	84	124219 24.1	392
## 572 87	1.586685e+00	79	70549 23.4	427
## 573 87	1.229365e+02	75	71879 22.6	467
## 574 86	1.063590e+02	7	58341 21.9	511
## 575 86	1.423064e+01	65	88962 21.2	558
## 576 86	1.746057e+01	6	71093 2.5	608
## 577 91	0.000000e+00	91	1 57.9	12
## 578 9	1.435488e+03	9	0 57.2	12
## 579 91	1.516255e+01	91	1 56.4	13
## 580 91	1.487897e+03	92	1 55.7	13
## 581 85	1.843074e+02	85	6 55.0	14
## 582 88	1.132436e+02	88	0 54.2	15
## 583 92	9.416464e+02	92	0 53.5	15
## 584 92	9.780704e+02	92	0 52.8	16
## 585 93	7.805947e+02	93	0 52.0	17

## 586 94	6.243711e+01	93	0 51.3	17
## 587 93	5.319808e+02	93	0 5.5	18
## 588 89	4.217956e+01	89	0 49.8	19
## 589 92	4.178039e+02	92	0 49.0	19
## 590 83	3.938774e+02	78	139 48.2	20
## 591 83	4.044206e+02	8	3 47.5	21
## 592 82	4.771342e+02	78	1 46.7	21
## 593 92	0.000000e+00	91	0 24.2	2
## 594 87	7.386585e+01	88	0 23.7	2
## 595 85	6.157444e+01	88	0 23.2	2
## 596 85	7.839009e+01	89	1 22.6	2
## 597 85	5.965965e+01	83	3 22.1	2
## 598 82	4.730422e+01	74	0 21.6	2
## 599 84	5.698952e+01	83	1 21.1	2
## 600 81	9.336789e+01	81	0 2.6	2
## 601 75	9.087638e+00	75	0 2.1	2
## 602 69	7.702840e+01	69	85 19.6	2
## 603 67	6.996754e+01	68	912 19.2	2
## 604 73	7.212111e+00	77	0 18.8	2
## 605 8	4.509011e+01	28	0 18.4	2
## 606 98	2.941897e+01	NA	0 18.0	2
## 607 7	1.971741e+01	NA	0 17.6	2
## 608 7	3.502949e+01	NA	0 17.3	2
## 609 8	0.000000e+00	8	1359 27.4	10
## 610 9	0.000000e+00	9	71 26.8	10

## 611 85	0.000000e+00	85	124 26.2	10
## 612 61	0.000000e+00	62	260 25.6	10
## 613 69	0.000000e+00	7	315 25.0	10
## 614 72	0.000000e+00	74	4 24.5	10
## 615 76	0.000000e+00	75	1 23.9	11
## 616 77	0.000000e+00	73	2 23.3	11
## 617 71	0.000000e+00	64	84 22.8	11
## 618 73	0.000000e+00	NA	126 22.3	12
## 619 62	0.000000e+00	NA	146 21.7	13
## 620 67	0.000000e+00	NA	3524 21.2	13
## 621 5	0.000000e+00	NA	3712 2.7	14
## 622 41	0.000000e+00	NA	2788 2.3	14
## 623 32	0.000000e+00	NA	2152 19.8	14
## 624 31	0.000000e+00	NA	1678 19.3	14
## 625 98	0.000000e+00	98	0 82.8	0
## 626 92	0.000000e+00	92	0 6.5	1
## 627 91	3.845129e+02	91	1 59.5	1
## 628 95	3.861379e+02	94	0 58.5	1
## 629 9	2.568237e+03	91	0 57.5	1
## 630 82	2.429855e+03	84	0 56.5	1
## 631 93	2.377010e+03	89	0 55.5	1
## 632 8	2.488720e+01	87	0 54.4	1
## 633 89	1.859096e+03	89	0 53.4	1
## 634 89	1.508891e+02	89	0 52.4	1
## 635 89	1.185412e+03	88	0 51.4	1

## 636 91	1.002833e+03	9	1 5.3	1
## 637 9	1.043108e+03	89	0 49.3	1
## 638 88	1.070269e+03	86	1 48.3	1
## 639 94	1.129494e+02	94	0 47.3	1
## 640 92	8.683714e+02	8	0 46.4	1
## 641 8	9.417819e+01	89	0 45.4	1
## 642 94	0.000000e+00	94	206 63.7	0
## 643 95	1.884099e+03	95	0 63.1	0
## 644 96	1.899107e+03	96	0 62.5	0
## 645 96	1.851713e+03	98	2 61.9	0
## 646 96	1.913357e+03	97	12 61.3	0
## 647 97	2.068868e+02	97	7 6.6	0
## 648 96	2.160380e+03	97	2 6.0	0
## 649 96	2.425404e+03	97	51 59.4	0
## 650 96	2.019813e+03	95	0 58.7	0
## 651 96	1.555652e+03	NA	1 58.1	0
## 652 96	1.672320e+02	NA	2 57.5	0
## 653 96	1.116397e+03	NA	54 56.9	0
## 654 95	9.367707e+01	NA	19 56.3	0
## 655 95	1.163615e+01	NA	6 55.8	0
## 656 94	6.509568e+02	NA	8 55.2	0
## 657 94	6.493910e+02	NA	9 54.7	0
## 658 99	0.000000e+00	99	0 61.4	1
## 659 99	1.366910e+01	97	0 6.7	1
## 660 99	9.567571e+01	96	0 59.9	1

## 661 98	7.421962e+02	96	0 59.2	1
## 662 99	1.020646e+02	96	0 58.4	1
## 663 99	7.872808e+02	96	0 57.7	1
## 664 99	8.188771e+02	96	0 56.9	1
## 665 99	7.086158e+02	95	0 56.2	1
## 666 99	7.507148e+02	93	0 55.4	1
## 667 99	5.234724e+02	89	0 54.6	1
## 668 99	5.189359e+02	95	0 53.8	1
## 669 98	4.484255e+00	99	0 53.0	1
## 670 98	6.034145e+01	99	0 52.1	1
## 671 98	3.347672e+02	98	0 51.3	1
## 672 99	3.225863e+02	98	0 5.4	1
## 673 98	4.934008e+01	98	0 49.4	1
## 674 97	0.000000e+00	97	0 6.3	0
## 675 99	2.073042e+02	96	10 59.8	0
## 676 99	2.120859e+02	96	0 59.2	0
## 677 99	2.159756e+03	96	1 58.7	0
## 678 99	2.443325e+03	96	0 58.3	0
## 679 99	2.833300e+02	96	18 57.8	0
## 680 99	2.302524e+02	96	0 57.3	0
## 681 97	2.396410e+02	93	1 56.8	0
## 682 97	1.958526e+03	93	0 56.3	0
## 683 97	1.700842e+03	93	0 55.8	0
## 684 98	1.562521e+03	88	1 55.3	0
## 685 98	1.586724e+03	88	0 54.8	0

## 686 98	1.587087e+02	88	0 54.3	0
## 687 98	1.128051e+03	88	0 53.8	0
## 688 97	1.008086e+02	89	0 53.3	0
## 689 97	9.508028e+02	89	0 52.8	0
## 690 97	0.000000e+00	97	9 66.1	0
## 691 99	0.000000e+00	99	222 65.6	0
## 692 99	0.000000e+00	99	15 65.1	0
## 693 99	0.000000e+00	99	22 64.5	0
## 694 99	0.000000e+00	99	17 64.0	0
## 695 99	0.000000e+00	99	0 63.6	0
## 696 99	0.000000e+00	99	5 63.1	0
## 697 99	0.000000e+00	99	2 62.6	0
## 698 99	0.000000e+00	99	2 62.2	0
## 699 98	0.000000e+00	98	7 61.8	0
## 700 96	0.000000e+00	99	0 61.3	0
## 701 96	0.000000e+00	98	17 6.8	0
## 702 97	0.000000e+00	92	30 6.4	0
## 703 97	0.000000e+00	86	4 59.9	0
## 704 97	0.000000e+00	NA	6 59.4	0
## 705 98	0.000000e+00	NA	9 59.0	0
## 706 99	0.000000e+00	96	0 32.9	7
## 707 99	0.000000e+00	93	3 32.4	8
## 708 99	0.000000e+00	93	0 31.8	8
## 709 99	0.000000e+00	96	0 31.3	9
## 710 99	0.000000e+00	94	0 3.8	10

## 711 99	0.000000e+00	93	0 3.3	10
## 712 98	0.000000e+00	93	0 29.7	11
## 713 98	0.000000e+00	92	8 29.2	12
## 714 99	0.000000e+00	92	3550 28.7	12
## 715 98	0.000000e+00	96	0 28.2	12
## 716 97	0.000000e+00	92	0 27.7	13
## 717 99	0.000000e+00	98	0 27.2	14
## 718 99	0.000000e+00	27	0 26.7	15
## 719 99	0.000000e+00	NA	0 26.2	18
## 720 98	0.000000e+00	NA	0 25.7	21
## 721 93	0.000000e+00	NA	0 25.2	25
## 722 78	0.000000e+00	81	5020 21.6	308
## 723 79	0.000000e+00	8	33711 21.1	312
## 724 74	0.000000e+00	74	88381 2.6	314
## 725 76	0.000000e+00	75	72029 2.1	317
## 726 77	0.000000e+00	74	133802 19.6	319
## 727 76	0.000000e+00	6	5407 19.1	321
## 728 78	0.000000e+00	72	57 18.6	323
## 729 64	0.000000e+00	65	12461 18.2	324
## 730 72	0.000000e+00	7	55577 17.8	326
## 731 62	0.000000e+00	NA	80123 17.3	327
## 732 6	0.000000e+00	NA	182485 16.9	329
## 733 52	0.000000e+00	NA	44934 16.5	330
## 734 47	0.000000e+00	NA	21956 16.1	331
## 735 4	0.000000e+00	NA	30466 15.7	331

## 736 3	0.000000e+00	NA	8072 15.3	332
## 737 42	0.000000e+00	NA	8282 14.9	332
## 738 93	0.000000e+00	NA	9 58.8	0
## 739 94	1.046876e+04	NA	27 58.4	0
## 740 94	1.026176e+04	NA	17 58.1	0
## 741 94	9.284171e+02	NA	2 57.7	0
## 742 91	1.025111e+04	NA	84 57.4	0
## 743 9	9.544866e+02	NA	5 57.0	0
## 744 89	9.765617e+03	NA	6 56.6	0
## 745 88	1.076118e+04	NA	14 56.3	0
## 746 87	9.703068e+03	NA	2 55.9	0
## 747 93	8.509545e+02	NA	27 55.4	0
## 748 93	7.627412e+03	NA	2 55.0	0
## 749 95	6.948840e+03	NA	0 54.4	0
## 750 96	6.509814e+02	NA	0 53.9	0
## 751 98	4.801546e+03	NA	32 53.3	0
## 752 97	5.304832e+02	NA	11 52.8	0
## 753 97	5.087497e+02	NA	14 52.2	0
## 754 84	0.000000e+00	84	47 35.0	1
## 755 78	2.473300e+01	78	0 34.4	1
## 756 82	2.294410e+02	82	28 33.8	2
## 757 81	2.172126e+02	81	709 33.2	2
## 758 87	2.035975e+01	87	49 32.7	2
## 759 88	1.874960e+02	88	7 32.2	2
## 760 89	1.772672e+02	89	48 31.7	2

## 761 89	1.717686e+02	88	143 31.3	2
## 762 88	2.086879e+01	25	24 3.9	2
## 763 72	1.214812e+02	NA	49 3.6	2
## 764 71	1.270326e+01	NA	298 3.2	2
## 765 64	1.060355e+02	NA	71 29.8	2
## 766 68	9.413303e+01	NA	37 29.4	2
## 767 62	1.346662e+01	NA	50 29.0	2
## 768 49	9.249789e+01	NA	79 28.6	2
## 769 46	9.195076e+01	NA	183 28.2	2
## 770 96	1.141956e+01	96	0 58.4	0
## 771 87	0.000000e+00	81	0 58.9	7
## 772 9	1.088245e+03	89	0 57.9	7
## 773 82	9.752212e+01	8	0 56.8	7
## 774 85	8.571307e+02	74	0 55.8	7
## 775 84	8.437877e+02	8	2 54.7	7
## 776 85	6.645585e+02	83	0 53.6	8
## 777 85	5.878828e+02	8	0 52.6	8
## 778 86	4.909242e+01	81	0 51.5	8
## 779 86	7.482175e+01	81	0 5.4	8
## 780 88	3.529551e+02	84	0 49.3	8
## 781 86	2.897419e+02	87	0 48.2	8
## 782 66	1.826163e+02	82	0 47.2	8
## 783 65	2.930197e+02	79	0 46.1	8
## 784 74	4.673592e+00	63	0 45.1	8
## 785 71	3.400240e+02	66	113 44.1	9

## 786	4.479248e+01	68	253 43.1	9
71				
## 787	0.000000e+00	78	0 54.2	7
84				
## 788	7.911626e+01	83	0 53.5	7
84				
## 789	5.912850e+01	87	0 52.8	8
87				
## 790	4.188088e+01	88	72 52.1	8
85				
## 791	3.447412e+02	88	257 51.4	8
85				
## 792	3.679286e+02	9	0 5.7	8
88				
## 793	2.821440e+02	91	0 5.0	8
91				
## 794	1.979303e+02	93	1 49.3	9
94				
## 795	1.960468e+01	94	0 48.6	9
95				
## 796	1.913983e+01	96	0 47.9	9
92				
## 797	1.809317e+01	92	0 47.2	9
89				
## 798	1.637920e+01	88	0 46.5	9
9				
## 799	1.826183e+01	82	0 45.8	10
97				
## 800	1.873844e+02	75	0 45.1	10
88				
## 801	1.458874e+01	69	2 44.3	10
9				
## 802	8.417527e+01	36	0 43.6	11
83				
## 803	0.000000e+00	93	5432 61.1	60
93				
## 804	0.000000e+00	94	1314 6.2	62
94				
## 805	0.000000e+00	97	405 59.4	63
97				
## 806	0.000000e+00	93	245 58.6	64
93				
## 807	0.000000e+00	96	26 57.8	64
96				
## 808	0.000000e+00	97	16 57.0	64
97				
## 809	0.000000e+00	97	608 56.2	64
97				
## 810	0.000000e+00	97	668 55.5	65
97				

## 811	0.000000e+00	98	1684 54.8	65
98				
## 812	0.000000e+00	98	953 54.2	66
98				
## 813	0.000000e+00	98	77 53.5	68
98				
## 814	0.000000e+00	97	80 52.9	70
97				
## 815	0.000000e+00	98	164 52.3	72
98				
## 816	0.000000e+00	97	653 51.8	75
97				
## 817	0.000000e+00	99	2150 51.2	78
99				
## 818	0.000000e+00	98	2633 5.7	82
98				
## 819	0.000000e+00	91	0 56.1	2
92				
## 820	6.657260e+02	93	0 55.4	2
93				
## 821	6.536925e+02	92	0 54.7	2
92				
## 822	5.917758e+02	92	0 54.1	2
93				
## 823	5.492783e+02	89	0 53.4	2
9				
## 824	4.693904e+02	89	0 52.8	2
89				
## 825	4.164338e+02	91	0 52.1	2
91				
## 826	5.395950e+01	98	0 51.4	3
98				
## 827	5.230172e+01	99	0 5.8	3
99				
## 828	5.774563e+01	96	0 5.1	3
96				
## 829	4.406027e+02	89	0 49.4	3
89				
## 830	3.986058e+02	9	0 48.6	3
9				
## 831	4.001343e+02	94	0 47.8	4
93				
## 832	2.968529e+01	81	0 47.0	4
81				
## 833	3.321057e+02	75	2 46.2	4
94				
## 834	3.536690e+02	99	0 45.3	5
98				
## 835	0.000000e+00	16	1250 24.5	4
17				

## 836 24	1.340477e+01	2	13 24.0	4
## 837 3	1.563908e+02	NA	321 23.5	4
## 838 3	1.500413e+03	NA	1190 23.0	4
## 839 39	1.493051e+03	NA	0 22.6	4
## 840 59	1.192697e+03	NA	0 22.1	4
## 841 57	1.150692e+02	NA	78 21.7	4
## 842 55	1.705679e+03	NA	436 21.3	4
## 843 54	1.024520e+03	NA	5 2.9	4
## 844 52	8.275979e+02	NA	0 2.5	4
## 845 5	1.206617e+01	NA	0 2.2	4
## 846 48	4.454768e+01	NA	38 19.8	4
## 847 46	3.097835e+02	NA	18 19.5	4
## 848 44	2.347874e+02	NA	24 19.1	4
## 849 43	1.977840e+02	NA	1339 18.7	4
## 850 41	1.495451e+01	NA	0 18.3	4
## 851 95	0.000000e+00	95	198 18.6	7
## 852 94	0.000000e+00	94	127 18.0	8
## 853 94	0.000000e+00	94	45 17.5	8
## 854 94	0.000000e+00	94	194 17.0	8
## 855 96	2.097992e+01	96	48 16.5	8
## 856 9	1.735740e+01	9	51 16.0	9
## 857 92	1.575160e+00	92	82 15.5	9
## 858 94	1.176572e+01	94	0 15.1	9
## 859 91	1.142386e+01	91	55 14.7	9
## 860 94	1.060270e+01	94	128 14.3	9

## 861 96	5.064689e+00	96	19 13.9	9
## 862 98	1.026097e+01	84	24 13.6	10
## 863 95	6.913998e+00	91	376 13.3	10
## 864 92	7.031322e-01	86	460 13.1	10
## 865 89	5.593620e+00	NA	204 12.8	10
## 866 82	7.359404e-01	NA	789 12.6	10
## 867 93	0.000000e+00	91	4 59.9	0
## 868 93	2.700073e+03	93	0 59.4	0
## 869 94	2.612915e+02	93	2 59.0	0
## 870 94	2.263104e+03	94	4 58.5	0
## 871 93	2.146946e+03	94	7 58.0	0
## 872 94	1.802018e+03	94	0 57.6	0
## 873 95	1.717089e+03	95	0 57.1	0
## 874 95	2.250724e+02	94	0 56.7	0
## 875 95	1.904125e+03	95	1 56.3	0
## 876 95	2.443511e+02	95	27 55.9	0
## 877 96	1.535045e+02	95	2 55.5	0
## 878 95	1.011201e+02	9	0 55.2	0
## 879 95	1.327234e+02	NA	0 54.9	0
## 880 94	7.806043e+00	NA	0 54.6	0
## 881 94	8.862946e+01	NA	0 54.3	0
## 882 93	5.348095e+00	NA	9 54.0	0
## 883 75	0.000000e+00	77	17745 17.6	194
## 884 75	8.995806e+01	77	12739 17.2	202
## 885 7	8.313282e+00	72	5253 16.8	211

## 886 7	8.682551e+01	69	4347 16.4	221
## 887 7	6.777565e+01	65	3255 16.0	231
## 888 69	6.773374e+01	62	4235 15.6	243
## 889 65	5.377354e+01	56	1176 15.3	256
## 890 63	3.855783e+01	52	3511 14.9	270
## 891 61	3.046452e+01	47	1446 14.5	286
## 892 59	2.218952e+01	NA	1451 14.2	304
## 893 56	1.803753e+01	NA	357 13.8	323
## 894 54	1.506962e+00	NA	73 13.5	342
## 895 55	1.097202e+01	NA	228 13.2	360
## 896 55	1.082453e+01	NA	3332 12.9	377
## 897 55	1.186228e+00	NA	2366 12.6	392
## 898 55	1.159482e+01	NA	1660 12.3	404
## 899 99	0.000000e+00	99	0 62.7	0
## 900 99	5.053948e+01	99	0 61.9	0
## 901 99	4.606488e+02	99	0 61.1	0
## 902 99	4.314855e+02	99	0 6.2	0
## 903 99	4.017931e+02	99	0 59.5	0
## 904 99	6.208344e+01	99	0 58.7	0
## 905 99	6.065068e+01	99	1 58.0	0
## 906 99	8.104656e+01	99	0 57.3	0
## 907 99	5.889526e+00	99	0 56.6	0
## 908 98	5.212416e+01	99	136 55.9	0
## 909 97	6.439203e+01	99	0 55.1	0
## 910 96	4.399452e+01	99	37 54.2	0

## 911 95	2.538197e+02	99	305 53.2	0
## 912 94	2.060717e+02	99	304 52.2	0
## 913 92	2.071191e+01	98	17 51.2	0
## 914 91	3.125835e+01	98	0 5.2	0
## 915 97	0.000000e+00	NA	2 62.1	0
## 916 98	6.164455e+03	NA	0 61.7	0
## 917 98	6.115497e+03	NA	2 61.4	0
## 918 99	5.889013e+03	NA	0 61.0	0
## 919 99	7.101621e+01	NA	27 6.6	0
## 920 99	5.916691e+02	NA	5 6.2	0
## 921 99	5.797384e+02	NA	2 59.8	0
## 922 97	6.788811e+02	NA	5 59.4	0
## 923 97	6.147132e+03	NA	0 59.0	0
## 924 97	5.247775e+02	NA	0 58.6	0
## 925 97	4.816590e+03	NA	1 58.1	0
## 926 96	4.508806e+03	NA	0 57.6	0
## 927 96	3.869026e+03	NA	0 57.1	0
## 928 95	3.099357e+03	NA	0 56.6	0
## 929 95	2.775335e+03	NA	1 56.1	0
## 930 96	3.977534e+02	NA	0 55.5	0
## 931 98	0.000000e+00	86	157 62.5	3
## 932 98	6.739678e+03	83	267 62.0	3
## 933 99	6.646954e+03	74	272 61.6	3
## 934 99	7.513794e+02	78	0 61.1	3
## 935 99	6.839191e+02	74	14949 6.6	3

## 936	7.280012e+01	65	5048	6.1	3
99					
## 937	6.415357e+03	51	1541	59.6	3
98					
## 938	7.002786e+03	47	604	59.1	3
98					
## 939	6.473715e+01	42	39	58.6	3
99					
## 940	5.689992e+03	39	40	58.0	4
99					
## 941	5.451701e+03	35	36	57.5	4
98					
## 942	5.291235e+03	35	4448	57.0	4
99					
## 943	4.572442e+03	28	0	56.4	4
96					
## 944	3.779655e+03	29	5185	55.8	4
97					
## 945	3.451185e+03	28	0	55.2	4
98					
## 946	3.410284e+03	26	10000	54.6	4
98					
## 947	0.000000e+00	8	27	36.3	3
79					
## 948	7.152817e+02	7	33	35.8	3
68					
## 949	1.548759e+02	79	122	35.2	3
77					
## 950	8.053925e+02	82	2	34.6	3
8					
## 951	1.335224e+02	75	2	34.1	3
75					
## 952	1.453183e+02	67	1	33.5	3
68					
## 953	5.231086e+01	79	0	33.0	3
74					
## 954	1.105422e+01	82	3	32.4	3
81					
## 955	5.454390e+02	75	0	31.9	3
78					
## 956	4.053720e+01	52	90	31.4	3
44					
## 957	3.532438e+02	28	0	3.8	3
44					
## 958	4.434751e+02	NA	63	3.3	3
44					
## 959	3.522324e+02	NA	0	29.8	3
44					
## 960	2.269040e+01	NA	110	29.2	3
44					

## 961 44	1.836981e+02	NA	5129 28.7	3
## 962 44	2.181727e+02	NA	15 28.1	3
## 963 96	0.000000e+00	97	71 27.3	5
## 964 97	0.000000e+00	96	1 26.7	5
## 965 96	0.000000e+00	97	0 26.0	5
## 966 98	0.000000e+00	98	0 25.4	5
## 967 95	0.000000e+00	96	0 24.8	5
## 968 97	0.000000e+00	97	2 24.1	6
## 969 97	0.000000e+00	97	0 23.5	6
## 970 96	0.000000e+00	98	0 22.8	6
## 971 94	0.000000e+00	97	0 22.2	6
## 972 94	0.000000e+00	95	0 21.5	6
## 973 94	0.000000e+00	95	0 2.9	6
## 974 88	0.000000e+00	95	0 2.3	6
## 975 87	0.000000e+00	94	119 19.7	6
## 976 86	0.000000e+00	92	32 19.1	6
## 977 85	0.000000e+00	91	99 18.5	6
## 978 84	0.000000e+00	91	336 18.0	6
## 979 91	0.000000e+00	94	431 56.2	1
## 980 91	2.214829e+02	91	3188 55.3	1
## 981 94	1.803787e+02	96	7872 54.4	1
## 982 93	1.582576e+02	92	31 53.6	1
## 983 88	1.989488e+02	89	64 52.8	1
## 984 88	1.941733e+02	95	22 52.0	1
## 985 93	1.853143e+01	54	23 51.3	1

## 986 9	1.517626e+02	89	56 5.5	1
## 987 88	1.061647e+02	94	44 49.9	1
## 988 89	1.101138e+02	84	334 49.2	1
## 989 82	9.444875e+00	79	1356 48.6	1
## 990 66	7.132565e+00	64	6847 48.1	1
## 991 74	7.054185e+01	48	216 47.5	2
## 992 89	6.055818e+01	51	199 47.0	2
## 993 83	5.710319e+01	61	35 46.5	2
## 994 81	4.781704e+01	55	50 46.0	2
## 995 94	0.000000e+00	88	2464 62.3	3
## 996 94	9.417563e+02	88	443 61.9	3
## 997 94	8.958780e+02	88	1771 61.4	3
## 998 94	8.399133e+02	88	166 6.9	3
## 999 94	8.697907e+02	88	1607 6.4	3
## 1000 94	7.584079e+03	88	780 59.9	3
## 1001 95	7.641271e+03	88	574 59.5	3
## 1002 95	8.285265e+03	87	917 59.0	3
## 1003 95	7.777556e+03	86	567 58.5	3
## 1004 94	6.407536e+03	87	2307 58.0	3
## 1005 95	6.012926e+03	9	778 57.6	3
## 1006 96	5.842375e+03	88	121 57.1	3
## 1007 96	5.826157e+02	9	779 56.6	4
## 1008 97	4.371060e+02	87	4657 56.1	4
## 1009 96	4.057637e+03	86	6024 55.6	4
## 1010 94	4.238540e+03	84	0 55.1	4

## 1011 88	0.000000e+00	88	23 28.6	52
## 1012 93	9.767795e+01	98	124 28.0	54
## 1013 91	2.866898e+01	9	319 27.3	55
## 1014 91	1.518994e+02	92	1613 26.7	56
## 1015 91	2.252219e+02	91	120 26.1	58
## 1016 94	1.959825e+02	94	641 25.5	59
## 1017 94	3.072291e+01	94	101 24.9	60
## 1018 92	1.610106e+02	93	82 24.2	61
## 1019 94	3.181374e+00	94	6 23.6	61
## 1020 84	1.290263e+02	84	420 23.0	62
## 1021 85	7.871124e+01	84	435 22.4	62
## 1022 81	5.323776e+01	8	60 21.8	62
## 1023 8	3.109435e+01	8	1939 21.2	63
## 1024 8	3.336438e+00	8	12289 2.7	63
## 1025 81	2.555981e+01	NA	13476 2.1	64
## 1026 88	2.065433e+01	NA	23068 19.5	65
## 1027 99	0.000000e+00	96	1 66.5	0
## 1028 99	2.163043e+03	96	1 66.0	0
## 1029 99	2.183107e+03	98	3 65.4	0
## 1030 99	2.528993e+03	98	3 64.9	0
## 1031 99	3.192887e+03	95	40 64.3	0
## 1032 99	3.189754e+03	95	149 63.7	0
## 1033 99	3.726854e+02	95	2 63.1	0
## 1034 99	3.682887e+03	95	1 62.4	0
## 1035 99	3.632243e+03	95	2 61.8	0

## 1036 98	3.185807e+02	94	0 61.2	1
## 1037 96	2.785139e+03	93	122 6.5	1
## 1038 95	2.876125e+02	92	1 59.9	1
## 1039 93	2.124922e+03	92	0 59.2	1
## 1040 92	1.608897e+02	91	5 58.6	1
## 1041 9	1.403022e+03	9	12 58.0	1
## 1042 89	1.221824e+02	89	56 57.4	1
## 1043 99	0.000000e+00	92	0 48.4	0
## 1044 81	7.892765e+02	97	0 47.4	0
## 1045 98	7.804459e+02	97	0 46.5	0
## 1046 98	8.660000e+02	97	0 45.6	0
## 1047 95	1.156716e+01	94	0 44.7	0
## 1048 94	1.458402e+02	97	0 43.9	0
## 1049 99	1.464384e+02	99	0 43.1	0
## 1050 99	7.549597e+02	99	0 42.4	0
## 1051 96	9.519376e+01	96	0 41.8	0
## 1052 91	6.622664e+02	91	0 41.1	0
## 1053 99	1.195549e+02	99	0 4.5	0
## 1054 84	1.009659e+02	83	0 39.9	0
## 1055 98	7.794543e+01	97	0 39.4	0
## 1056 98	5.133465e+02	98	0 38.8	0
## 1057 96	8.111356e+01	96	0 38.2	0
## 1058 97	6.765454e+02	NA	0 37.7	0
## 1059 9	0.000000e+00	74	0 5.6	12
## 1060 65	6.575283e+02	73	0 49.9	13

## 1061 84	5.821470e+02	85	0 49.3	13
## 1062 94	4.847188e+02	96	0 48.6	13
## 1063 88	4.577746e+02	88	0 47.9	14
## 1064 94	4.433248e+02	94	0 47.2	14
## 1065 92	4.454423e+02	92	0 46.5	15
## 1066 96	4.722235e+02	95	0 45.9	15
## 1067 85	3.809632e+02	85	0 45.2	16
## 1068 9	3.520245e+02	89	0 44.5	17
## 1069 87	4.150846e+01	87	0 43.8	18
## 1070 88	2.884016e+02	NA	0 43.1	18
## 1071 84	2.493263e+02	NA	0 42.4	19
## 1072 82	2.525041e+01	NA	0 41.7	20
## 1073 78	2.250620e+02	NA	0 41.1	20
## 1074 8	2.387370e+02	NA	0 4.4	21
## 1075 42	0.000000e+00	54	243 23.3	40
## 1076 42	5.057976e+01	51	175 22.7	41
## 1077 63	5.140669e+00	63	53 22.2	41
## 1078 63	4.344931e+00	62	6 21.7	42
## 1079 63	4.225479e+01	63	11 21.2	43
## 1080 62	2.974734e+01	64	45 2.8	44
## 1081 6	2.484764e+01	57	264 2.3	46
## 1082 59	1.968510e+01	57	89 19.8	47
## 1083 46	1.399627e+00	57	3 19.4	48
## 1084 53	1.038393e+01	NA	4 19.0	49
## 1085 59	1.099666e+00	NA	99 18.5	51

## 1086 65	1.893011e+01	NA	10 18.1	53
## 1087 61	2.395241e+00	NA	2497 17.7	55
## 1088 56	2.133782e+01	NA	2151 17.3	56
## 1089 52	1.989791e+01	NA	7408 16.9	58
## 1090 47	2.215986e+00	NA	11294 16.6	60
## 1091 87	0.000000e+00	87	153 26.3	6
## 1092 87	5.006054e+01	87	1 25.6	6
## 1093 87	8.200637e+00	87	0 25.0	6
## 1094 87	9.485264e-01	87	0 24.3	6
## 1095 85	4.045367e+01	86	0 23.7	7
## 1096 82	5.330783e+01	83	26 23.1	7
## 1097 78	4.712969e+01	8	0 22.5	7
## 1098 77	2.830191e+01	NA	12 21.9	7
## 1099 76	3.106933e+01	NA	1 21.3	7
## 1100 74	2.153375e+01	NA	0 2.7	8
## 1101 73	2.209758e+01	NA	0 2.1	8
## 1102 69	1.353000e+01	NA	3526 19.6	8
## 1103 65	2.527115e+00	NA	1158 19.0	8
## 1104 61	2.465762e+01	NA	298 18.5	8
## 1105 56	8.687085e-01	NA	126 17.9	9
## 1106 52	6.699419e+00	NA	0 17.4	9
## 1107 92	0.000000e+00	95	0 46.7	1
## 1108 97	4.141293e+00	98	0 45.9	1
## 1109 98	3.459044e+02	98	0 45.0	1
## 1110 97	4.974719e+02	97	0 44.1	1

## 1111 93	5.362333e+02	93	0 43.2	1
## 1112 95	4.802859e+01	95	0 42.4	1
## 1113 97	4.666694e+02	98	0 41.6	1
## 1114 93	4.933279e+02	93	0 4.9	1
## 1115 94	3.628702e+02	94	0 4.3	1
## 1116 92	1.706326e+02	93	0 39.6	1
## 1117 93	1.746406e+01	93	0 39.0	1
## 1118 91	1.776181e+00	91	0 38.4	1
## 1119 91	1.647949e+01	9	0 37.8	1
## 1120 93	1.093634e+01	91	0 37.1	1
## 1121 9	1.554979e+01	85	0 36.4	1
## 1122 79	1.675481e+01	NA	0 35.7	1
## 1123 56	0.000000e+00	6	0 49.9	18
## 1124 55	5.103249e+00	48	0 48.8	19
## 1125 67	4.989712e+00	68	0 47.7	19
## 1126 67	2.637943e+01	NA	0 46.5	20
## 1127 67	4.106484e+00	NA	0 45.3	20
## 1128 66	3.629292e+01	NA	0 44.2	58
## 1129 65	4.130079e+01	NA	0 43.0	21
## 1130 64	6.383196e+01	NA	0 41.8	22
## 1131 62	5.677859e+01	NA	0 4.7	23
## 1132 61	6.995556e+00	NA	0 39.6	23
## 1133 6	3.810904e+01	NA	0 38.5	24
## 1134 58	6.439853e+01	NA	0 37.5	24
## 1135 56	4.425687e+01	NA	0 36.5	25

## 1136 54	5.028558e+01	NA	0 35.6	26
## 1137 52	6.077816e+01	NA	159 34.8	27
## 1138 5	7.446033e+01	NA	992 34.0	28
## 1139 97	0.000000e+00	97	0 51.0	4
## 1140 97	3.453776e+02	97	0 5.2	4
## 1141 97	3.117553e+02	97	0 49.3	4
## 1142 97	3.635722e+02	97	0 48.4	4
## 1143 97	3.216408e+01	97	0 47.6	5
## 1144 97	3.021058e+02	97	0 46.8	5
## 1145 97	2.861211e+02	97	0 45.9	5
## 1146 93	2.319113e+02	92	0 45.1	5
## 1147 94	2.224823e+02	93	0 44.3	6
## 1148 94	1.929298e+02	94	0 43.5	6
## 1149 98	2.037135e+02	97	0 42.8	6
## 1150 94	1.882499e+02	93	0 42.0	7
## 1151 92	1.944336e+02	91	0 41.2	7
## 1152 95	1.548636e+02	94	0 4.4	7
## 1153 99	1.536175e+01	95	0 39.6	8
## 1154 88	2.880831e+01	93	0 38.8	8
## 1155 99	0.000000e+00	NA	0 64.8	0
## 1156 99	1.609449e+02	NA	0 64.2	0
## 1157 99	1.551952e+02	NA	1 63.6	1
## 1158 99	1.642793e+02	NA	2 63.0	1
## 1159 99	1.782122e+01	NA	5 62.4	1
## 1160 99	1.922024e+01	NA	0 61.7	1

## 1161 99	1.281156e+03	NA	1 61.1	1
## 1162 99	1.817634e+02	NA	0 6.5	1
## 1163 99	1.633433e+02	NA	0 59.9	1
## 1164 99	1.299459e+03	NA	1 59.3	1
## 1165 99	1.317083e+03	NA	2 58.8	1
## 1166 99	1.468608e+02	NA	0 58.2	1
## 1167 99	1.030220e+03	NA	0 57.6	1
## 1168 98	8.986198e+00	NA	0 57.1	1
## 1169 99	7.601092e+00	NA	20 56.6	1
## 1170 99	7.536251e+01	NA	1 56.1	1
## 1171 92	0.000000e+00	NA	0 61.0	0
## 1172 9	8.254021e+03	NA	0 6.6	0
## 1173 91	7.645441e+02	NA	0 6.2	0
## 1174 89	6.818546e+03	NA	0 59.7	0
## 1175 95	7.048093e+00	NA	0 59.3	0
## 1176 96	6.005576e+03	NA	0 58.9	0
## 1177 96	6.875776e+02	NA	0 58.5	0
## 1178 98	7.613815e+03	NA	0 58.1	0
## 1179 97	1.204297e+04	NA	0 57.8	0
## 1180 97	1.003140e+03	NA	0 57.4	0
## 1181 95	1.063120e+04	NA	0 56.9	0
## 1182 99	8.506101e+03	NA	0 56.5	0
## 1183 97	7.254853e+02	NA	0 55.9	0
## 1184 95	5.948097e+03	NA	0 55.4	0
## 1185 92	5.048274e+03	NA	0 54.8	0

## 1186 98	5.809122e+03	NA	0 54.2	0
## 1187 86	0.000000e+00	87	90387 18.7	1100
## 1188 84	8.652154e+01	79	79563 18.1	1200
## 1189 82	6.767230e+01	7	13822 17.5	1300
## 1190 79	6.496964e+01	73	18668 17.0	1400
## 1191 79	6.460590e+01	44	33634 16.4	1500
## 1192 76	5.773360e+01	38	31458 15.9	1600
## 1193 73	8.441863e-01	37	56188 15.4	1700
## 1194 69	4.303043e+01	29	44258 14.9	1800
## 1195 67	5.234770e+00	6	41144 14.4	1900
## 1196 66	3.485943e+01	6	64185 13.9	2000
## 1197 65	3.509637e+00	8	36711 13.5	2000
## 1198 58	2.733801e+01	6	55443 13.0	2100
## 1199 57	1.948087e+01	NA	47147 12.6	2200
## 1200 58	1.781206e+01	NA	40044 12.2	2300
## 1201 58	1.900341e+01	NA	51780 11.8	2400
## 1202 57	1.926616e+01	NA	38835 11.4	2500
## 1203 8	0.000000e+00	78	15099 27.4	136
## 1204 8	2.000684e+02	78	12943 26.5	142
## 1205 86	2.284783e+01	85	8419 25.6	148
## 1206 84	2.544688e+02	83	15489 24.7	154
## 1207 81	2.118783e+02	81	21893 23.8	161
## 1208 82	1.905454e+02	83	18869 22.9	167
## 1209 85	1.257981e+02	82	20818 22.1	174
## 1210 83	1.026341e+01	82	15369 21.3	181

## 1211 77	1.026334e+02	76	19456	2.5	188
## 1212 78	7.201593e+01	66	20422	19.7	194
## 1213 79	5.381783e+00	65	15853	19.0	201
## 1214 79	5.536107e+01	64	29171	18.2	237
## 1215 8	8.460156e+00	64	24457	17.5	215
## 1216 8	4.317867e+01	63	14492	16.7	222
## 1217 77	3.395837e+01	62	3825	16.0	229
## 1218 72	3.433344e+00	65	3344	15.4	237
## 1219 98	0.000000e+00	98	615	59.7	21
## 1220 99	0.000000e+00	99	99	58.5	22
## 1221 98	0.000000e+00	99	189	57.2	23
## 1222 99	0.000000e+00	98	332	56.0	24
## 1223 99	0.000000e+00	99	73	54.8	25
## 1224 99	0.000000e+00	99	538	53.6	26
## 1225 99	0.000000e+00	99	262	52.5	27
## 1226 99	0.000000e+00	99	127	51.4	28
## 1227 98	0.000000e+00	97	133	5.4	29
## 1228 99	0.000000e+00	98	220	49.4	30
## 1229 95	0.000000e+00	94	7	48.5	32
## 1230 98	0.000000e+00	95	3	47.6	33
## 1231 99	0.000000e+00	98	11644	46.9	35
## 1232 99	0.000000e+00	99	9554	46.2	37
## 1233 95	0.000000e+00	94	9582	45.5	40
## 1234 99	0.000000e+00	99	11874	44.9	43
## 1235 63	0.000000e+00	56	1433	59.1	38

## 1236 67	4.352408e+01	62	1317 58.5	39
## 1237 7	4.473695e+02	66	669 57.8	39
## 1238 7	4.296625e+02	61	15 57.2	39
## 1239 8	2.851197e+02	77	15 56.5	39
## 1240 74	2.182252e+01	72	492 55.8	39
## 1241 78	1.856367e+02	75	30328 55.2	39
## 1242 71	1.921563e+02	66	5494 54.5	38
## 1243 74	1.467606e+02	56	230 53.8	38
## 1244 63	7.525800e+01	59	474 53.2	38
## 1245 69	5.918845e+01	65	908 52.5	37
## 1246 69	4.412060e+01	62	9081 51.9	37
## 1247 73	0.000000e+00	63	0 51.3	37
## 1248 76	0.000000e+00	65	0 5.6	37
## 1249 8	0.000000e+00	66	4088 5.1	37
## 1250 83	0.000000e+00	67	726 49.5	37
## 1251 95	0.000000e+00	95	4 62.8	0
## 1252 96	7.463670e+02	95	33 62.1	0
## 1253 96	7.035527e+02	95	51 61.3	0
## 1254 95	6.616695e+03	95	107 6.5	0
## 1255 95	6.386954e+03	95	285 59.7	0
## 1256 94	4.509235e+03	46	443 58.9	0
## 1257 94	7.620823e+03	NA	164 58.2	0
## 1258 93	9.528231e+03	NA	57 57.4	0
## 1259 92	9.797553e+03	NA	64 56.6	0
## 1260 91	9.126931e+03	NA	87 55.8	0

## 1261 9	9.736813e+02	NA	95 55.1	0
## 1262 89	8.040220e+03	NA	334 54.4	0
## 1263 86	6.752135e+02	NA	584 53.6	0
## 1264 83	5.092384e+03	NA	243 52.9	0
## 1265 84	4.264579e+03	NA	241 52.2	0
## 1266 86	3.794581e+03	NA	0 51.5	0
## 1267 95	0.000000e+00	96	80 64.9	1
## 1268 95	4.348335e+03	97	6 64.6	1
## 1269 96	4.279896e+03	97	50 64.2	1
## 1270 94	3.830185e+03	97	211 63.8	1
## 1271 94	3.793162e+03	98	70 63.4	1
## 1272 95	4.094109e+02	97	23 63.0	1
## 1273 96	5.086645e+02	98	5 62.6	1
## 1274 94	4.715533e+02	99	931 62.1	1
## 1275 95	4.345102e+00	99	539 61.6	1
## 1276 94	3.358621e+01	96	9 61.1	1
## 1277 95	2.509343e+02	96	2 6.6	1
## 1278 95	1.895343e+03	99	116 6.1	1
## 1279 93	1.731756e+03	98	124 59.6	1
## 1280 91	1.701196e+03	98	2 59.2	1
## 1281 93	2.227333e+01	96	19 58.7	1
## 1282 93	1.999341e+02	98	36 58.3	1
## 1283 93	0.000000e+00	93	159 63.6	2
## 1284 95	4.831645e+03	95	0 63.1	2
## 1285 96	4.831917e+02	96	0 62.6	2

## 1286	4.793905e+03	96	376 62.1	2
96				
## 1287	5.439692e+03	96	5189 61.5	2
96				
## 1288	5.219669e+03	96	372 61.0	2
96				
## 1289	5.243317e+03	96	351 6.5	2
96				
## 1290	6.637840e+01	96	1617 59.9	2
96				
## 1291	5.228822e+03	97	321 59.4	2
97				
## 1292	4.731915e+02	96	439 58.8	2
97				
## 1293	4.506256e+03	96	135 58.2	2
97				
## 1294	4.270915e+03	96	599 57.6	3
97				
## 1295	3.519259e+03	95	10982 57.0	3
97				
## 1296	2.883335e+03	95	9385 56.4	3
96				
## 1297	3.122230e+00	95	0 55.7	3
96				
## 1298	3.150582e+01	94	1457 55.0	3
97				
## 1299	0.000000e+00	91	0 54.2	1
91				
## 1300	4.273055e+02	92	0 53.5	1
93				
## 1301	5.457289e+00	93	0 52.7	1
86				
## 1302	3.717109e+01	96	0 52.0	1
96				
## 1303	3.317530e+01	92	1 51.2	1
93				
## 1304	3.966271e+02	94	0 5.5	1
94				
## 1305	2.357067e+02	9	0 49.7	1
9				
## 1306	3.176576e+01	92	2 48.9	1
91				
## 1307	2.562349e+01	92	0 48.1	1
94				
## 1308	1.940926e+02	97	0 47.2	1
99				
## 1309	1.697512e+01	99	0 46.3	1
99				
## 1310	1.923226e+02	98	0 45.4	1
97				

## 1311	1.555885e+02	36	0 44.5	1
99				
## 1312	2.111143e+02	NA	0 43.5	1
99				
## 1313	1.602382e+02	NA	0 42.5	1
99				
## 1314	2.482763e+01	NA	0 41.6	1
95				
## 1315	0.000000e+00	NA	35 29.0	3
99				
## 1316	8.883362e+01	NA	462 28.6	3
99				
## 1317	9.443429e+01	NA	229 28.2	3
99				
## 1318	1.215869e+02	NA	228 27.8	3
99				
## 1319	9.498729e+03	NA	434 27.4	4
96				
## 1320	8.630061e+02	NA	450 26.9	4
98				
## 1321	8.991785e+02	NA	741 26.4	4
99				
## 1322	7.313175e+03	NA	11015 25.9	4
98				
## 1323	6.599995e+03	NA	0 25.4	4
97				
## 1324	6.502137e+03	NA	520 24.9	4
95				
## 1325	6.799664e+03	NA	0 24.4	4
95				
## 1326	6.746281e+03	NA	8752 23.8	4
97				
## 1327	5.787254e+02	NA	8286 23.4	5
97				
## 1328	5.250249e+03	NA	33812 22.9	5
89				
## 1329	5.486512e+03	NA	22552 22.5	5
81				
## 1330	5.926297e+03	NA	22497 22.2	5
98				
## 1331	0.000000e+00	99	0 65.6	4
99				
## 1332	6.387845e+01	98	20 64.8	4
98				
## 1333	5.466235e+02	98	120 64.0	4
98				
## 1334	6.770171e+01	98	3 63.2	4
98				
## 1335	6.886623e+01	98	0 62.4	4
98				

## 1336	7.159709e+02	98	0 61.7	4
98				
## 1337	6.687447e+02	98	0 6.9	4
98				
## 1338	5.352786e+02	97	2 6.1	4
98				
## 1339	3.732629e+02	98	41 59.3	4
98				
## 1340	3.133626e+02	98	1 58.6	4
98				
## 1341	2.744252e+01	95	28 57.8	4
95				
## 1342	3.252524e+01	95	21 57.0	4
95				
## 1343	2.287838e+02	97	76 56.3	4
97				
## 1344	2.591572e+02	95	19 55.5	4
95				
## 1345	2.486975e+02	97	61 54.8	4
97				
## 1346	2.272966e+02	93	32 54.0	4
94				
## 1347	0.000000e+00	98	526 53.1	5
98				
## 1348	2.444474e+01	95	321 52.3	5
95				
## 1349	2.640727e+01	99	73 51.4	6
98				
## 1350	2.353566e+02	95	55 5.6	7
98				
## 1351	1.791701e+02	99	127 49.9	7
99				
## 1352	1.115163e+01	99	4 49.2	8
98				
## 1353	8.082433e+02	99	0 48.5	8
99				
## 1354	7.083286e+02	99	20 47.9	9
99				
## 1355	4.997304e+02	94	13 47.3	9
94				
## 1356	7.619869e+01	99	109 46.8	9
99				
## 1357	3.518603e+02	94	16118 46.3	9
99				
## 1358	3.391660e+01	99	2204 45.8	9
99				
## 1359	2.343401e+01	99	24 45.3	9
99				
## 1360	1.451023e+02	95	18 44.8	9
95				

## 1361 95	1.260884e+01	95	94 44.4	10
## 1362 96	1.125412e+02	99	245 43.9	10
## 1363 83	0.000000e+00	89	95 22.0	75
## 1364 93	1.709627e+02	92	354 21.3	79
## 1365 94	1.659305e+02	93	190 2.7	81
## 1366 94	1.542270e+02	94	0 2.1	84
## 1367 97	1.097052e+02	96	2395 19.5	86
## 1368 9	5.658984e+01	9	95 18.9	89
## 1369 89	7.146851e+00	88	1218 18.4	91
## 1370 88	6.051535e+01	88	1282 17.9	95
## 1371 76	5.983361e+01	81	1516 17.3	100
## 1372 77	5.260385e+01	8	1847 16.9	104
## 1373 7	3.955678e+01	76	153 16.4	108
## 1374 73	3.629775e+01	73	20 15.9	112
## 1375 75	3.585205e+01	73	65 15.5	115
## 1376 83	3.273674e+01	84	766 15.1	118
## 1377 77	3.847603e+00	NA	11304 14.7	120
## 1378 8	6.816856e-01	NA	21002 14.4	121
## 1379 8	0.000000e+00	82	0 77.6	0
## 1380 79	9.787193e+01	75	0 77.1	0
## 1381 91	1.372592e+02	95	0 76.7	0
## 1382 92	1.474550e+02	94	0 76.2	0
## 1383 95	3.046704e+01	95	0 75.7	0
## 1384 95	1.821661e+01	91	0 75.2	0
## 1385 84	1.622904e+02	86	0 74.6	0

## 1386 74	1.676202e+02	83	0 74.1	0
## 1387 93	1.887109e+02	96	0 73.4	0
## 1388 86	1.819458e+01	88	0 72.8	0
## 1389 74	1.117392e+02	5	0 72.1	0
## 1390 61	1.062427e+01	67	0 71.4	0
## 1391 79	1.765413e+00	73	0 7.6	0
## 1392 96	7.075572e+01	79	0 69.7	0
## 1393 88	5.997186e+01	85	0 68.8	0
## 1394 9	1.107543e+01	9	0 67.9	0
## 1395 99	0.000000e+00	99	18 71.4	1
## 1396 94	2.480897e+03	96	55 7.8	1
## 1397 99	2.792678e+03	99	62 7.2	1
## 1398 98	2.957974e+03	98	27 69.5	1
## 1399 99	2.785098e+03	99	32 69.0	1
## 1400 98	2.009576e+03	99	13 68.4	1
## 1401 99	3.001628e+03	99	0 67.9	1
## 1402 99	2.078393e+03	99	0 67.5	1
## 1403 99	2.555304e+03	99	0 67.1	1
## 1404 99	2.443444e+03	99	0 66.7	1
## 1405 99	2.395751e+02	99	10 66.3	1
## 1406 98	1.731074e+03	94	23 65.9	1
## 1407 99	1.590099e+02	99	0 65.5	1
## 1408 99	1.209681e+03	99	0 65.0	1
## 1409 99	1.131998e+02	99	0 64.5	1
## 1410 94	9.599259e+02	95	6 64.0	1

## 1411 97	0.000000e+00	97	17779 44.9	3
## 1412 95	0.000000e+00	96	318 43.9	4
## 1413 97	0.000000e+00	97	1 43.0	4
## 1414 94	0.000000e+00	96	0 42.2	4
## 1415 94	0.000000e+00	96	222 41.4	4
## 1416 88	0.000000e+00	96	0 4.7	4
## 1417 96	0.000000e+00	96	1 4.1	4
## 1418 95	0.000000e+00	97	16 39.5	4
## 1419 94	0.000000e+00	94	40 39.0	4
## 1420 93	0.000000e+00	9	27 38.5	4
## 1421 98	0.000000e+00	97	53 38.0	4
## 1422 98	0.000000e+00	99	8 37.5	4
## 1423 98	0.000000e+00	99	6 37.0	4
## 1424 99	0.000000e+00	99	2 36.5	5
## 1425 99	0.000000e+00	57	17 36.0	5
## 1426 99	0.000000e+00	44	16 35.6	5
## 1427 89	0.000000e+00	89	56 21.7	11
## 1428 88	0.000000e+00	88	339 2.9	11
## 1429 86	0.000000e+00	87	71 2.1	12
## 1430 78	0.000000e+00	79	32 19.4	12
## 1431 79	0.000000e+00	78	113 18.7	13
## 1432 76	0.000000e+00	74	153 18.0	13
## 1433 67	0.000000e+00	67	78 17.3	14
## 1434 6	0.000000e+00	61	174 16.7	14
## 1435 46	0.000000e+00	5	1678 16.1	15

## 1436 56	0.000000e+00	57	58 15.5	15
## 1437 5	0.000000e+00	49	295 14.9	16
## 1438 46	0.000000e+00	45	1491 14.4	16
## 1439 52	0.000000e+00	5	1810 13.8	17
## 1440 55	0.000000e+00	NA	2070 13.3	18
## 1441 55	0.000000e+00	NA	94 12.7	19
## 1442 57	0.000000e+00	NA	332 12.3	20
## 1443 95	0.000000e+00	94	0 61.2	0
## 1444 92	1.542636e+03	92	36 6.7	0
## 1445 94	1.503117e+02	94	0 6.2	0
## 1446 91	1.356022e+03	9	3 59.8	0
## 1447 92	2.470841e+01	89	1 59.4	0
## 1448 92	1.109970e+03	91	0 58.9	0
## 1449 94	1.137624e+03	92	0 58.5	0
## 1450 94	2.534022e+02	93	3 58.1	0
## 1451 94	1.709884e+02	91	0 57.7	0
## 1452 96	1.099249e+03	94	7 57.4	0
## 1453 99	8.692554e+01	99	2 57.0	0
## 1454 99	8.003284e+01	98	0 56.6	0
## 1455 98	4.780645e+02	98	0 56.3	0
## 1456 98	3.764570e+02	98	0 56.0	0
## 1457 97	3.322752e+02	96	1 55.7	0
## 1458 96	2.910171e+02	95	0 55.4	0
## 1459 75	0.000000e+00	81	39 66.1	1
## 1460 75	1.403771e+02	81	112 65.4	1

## 1461	1.455610e+01	81	1761 64.9	1
75				
## 1462	1.511527e+02	81	9 64.4	1
75				
## 1463	8.350627e+02	81	9 64.0	1
75				
## 1464	8.053956e+02	81	12 63.5	1
75				
## 1465	8.140374e+00	81	22 63.0	1
75				
## 1466	6.913925e+01	81	24 62.5	1
75				
## 1467	8.906931e+00	8	373 61.9	1
75				
## 1468	5.345796e+02	78	956 61.4	1
75				
## 1469	6.300541e+02	77	618 6.8	1
74				
## 1470	6.183615e+02	75	213 6.2	1
74				
## 1471	5.279177e+02	74	526 59.7	1
74				
## 1472	7.013208e+01	77	36 59.1	1
77				
## 1473	5.106035e+02	8	8 58.6	1
8				
## 1474	4.043879e+02	83	5 57.9	1
83				
## 1475	0.000000e+00	93	0 32.6	6
9				
## 1476	1.621278e+02	93	0 32.0	6
9				
## 1477	1.533443e+02	93	516 31.4	6
9				
## 1478	1.681349e+02	95	179 3.8	6
93				
## 1479	1.958253e+02	96	172 3.2	6
95				
## 1480	1.548706e+02	93	2488 29.7	6
92				
## 1481	1.043145e+02	91	0 29.2	6
89				
## 1482	9.185433e+01	88	0 28.8	6
86				
## 1483	9.184327e+00	9	2 28.3	6
87				
## 1484	7.115578e+01	91	1 27.9	6
88				
## 1485	5.790370e+01	87	0 27.4	6
88				

## 1486 89	6.791362e+01	6	31 26.9	7
## 1487 9	5.300902e+00	17	1 26.4	7
## 1488 84	3.534574e+00	NA	0 25.9	7
## 1489 78	3.857187e+01	NA	217 25.4	7
## 1490 82	2.986616e+01	NA	660 24.9	7
## 1491 52	0.000000e+00	52	1060 27.3	11
## 1492 49	5.437397e+01	5	34 26.7	11
## 1493 75	4.504892e+01	76	0 26.1	11
## 1494 8	4.809891e+01	8	43 25.6	12
## 1495 77	6.044658e+01	77	279 25.0	12
## 1496 71	4.191052e+01	47	2200 24.5	13
## 1497 84	5.592170e+00	64	6 24.0	13
## 1498 79	4.003344e+01	64	1 23.4	14
## 1499 67	3.686899e+00	NA	1 22.9	14
## 1500 66	1.579934e+01	NA	20 22.4	15
## 1501 66	2.239649e+01	NA	8 22.0	16
## 1502 47	1.785871e+01	NA	4 21.5	17
## 1503 49	9.758449e+00	NA	142 21.1	18
## 1504 51	1.042437e+01	NA	131 2.7	19
## 1505 54	1.672143e+01	NA	1379 2.4	20
## 1506 56	1.219710e+01	NA	5977 2.2	20
## 1507 97	0.000000e+00	97	82 64.8	2
## 1508 94	0.000000e+00	94	372 63.8	2
## 1509 96	0.000000e+00	96	0 62.8	2
## 1510 98	0.000000e+00	98	320 61.8	2

## 1511	3.611567e+01	98	0 6.9	2
98				
## 1512	5.250394e+01	98	0 59.9	2
98				
## 1513	6.355170e+01	98	329 59.0	2
98				
## 1514	5.326700e+02	98	8 58.2	2
98				
## 1515	5.487891e+01	98	59 57.4	3
98				
## 1516	4.934153e+02	98	1 56.7	3
98				
## 1517	4.723047e+02	97	292 56.0	3
98				
## 1518	3.180653e+01	99	2771 55.3	3
97				
## 1519	2.951167e+02	96	0 54.6	3
95				
## 1520	2.913435e+01	91	3890 54.0	3
93				
## 1521	3.623818e+02	93	633 53.4	3
94				
## 1522	4.573202e+02	92	0 52.8	3
94				
## 1523	0.000000e+00	94	50 62.4	0
93				
## 1524	2.211744e+03	94	11 61.9	0
93				
## 1525	1.968817e+03	93	35 61.4	0
93				
## 1526	1.807071e+03	93	0 6.9	0
93				
## 1527	1.758823e+03	95	7 6.5	0
92				
## 1528	1.423802e+03	94	2 6.0	0
95				
## 1529	1.446529e+03	95	0 59.7	0
98				
## 1530	1.888150e+03	96	1 59.3	0
96				
## 1531	1.581512e+03	96	0 59.0	0
95				
## 1532	1.165050e+02	95	1 58.7	0
94				
## 1533	9.136995e+02	95	1 58.4	0
93				
## 1534	7.636188e+01	94	1 58.1	0
9				
## 1535	8.099710e+01	95	1 57.8	0
91				

## 1536 97	5.619169e+02	94	103 57.5	0
## 1537 97	4.287209e+01	95	7 57.2	0
## 1538 92	3.732606e+02	98	19 56.9	0
## 1539 99	0.000000e+00	94	0 61.3	0
## 1540 99	1.625516e+04	94	0 6.9	0
## 1541 99	1.551575e+04	94	0 6.5	0
## 1542 99	2.284582e+03	94	2 6.1	0
## 1543 96	1.702853e+04	95	6 59.6	0
## 1544 96	2.267252e+03	94	0 59.2	0
## 1545 96	2.052393e+03	95	0 58.8	0
## 1546 96	1.896135e+04	94	1 58.4	0
## 1547 96	2.670513e+02	87	0 57.9	0
## 1548 99	1.534549e+04	95	8 57.5	0
## 1549 99	1.346247e+03	95	0 57.0	0
## 1550 99	1.237205e+04	94	0 56.4	0
## 1551 99	1.011139e+04	95	1 55.8	0
## 1552 99	9.105063e+02	95	0 55.2	0
## 1553 99	7.877337e+03	86	0 54.6	0
## 1554 99	8.246130e+03	77	0 54.0	0
## 1555 71	0.000000e+00	69	3 2.5	38
## 1556 73	5.339066e+00	73	3 2.0	39
## 1557 73	7.950882e+01	74	6 19.5	40
## 1558 71	5.997914e+01	7	2 19.0	42
## 1559 73	7.879967e+01	73	0 18.5	43
## 1560 7	7.660442e+01	7	1 18.0	45

## 1561 76	7.116601e+01	77	0 17.6	47
## 1562 77	6.448763e+00	77	3 17.1	49
## 1563 83	5.543034e+01	84	0 16.7	51
## 1564 83	3.841870e+01	82	2 16.3	54
## 1565 8	3.374786e+01	81	0 15.8	56
## 1566 74	2.372796e+01	71	35558 15.4	58
## 1567 65	3.712895e+01	61	62233 15.0	60
## 1568 61	4.752621e+01	51	10795 14.7	63
## 1569 6	4.256332e+01	NA	9357 14.3	65
## 1570 58	3.566125e+01	NA	35256 13.9	68
## 1571 88	0.000000e+00	88	0 19.6	38
## 1572 87	5.948745e+01	91	3 19.2	40
## 1573 89	5.583108e+01	89	1 18.8	42
## 1574 95	8.276866e+01	96	11 18.4	46
## 1575 97	1.377617e+01	97	26 18.0	50
## 1576 86	9.728005e+00	93	118712 17.6	54
## 1577 93	7.915071e+00	93	21 17.3	56
## 1578 92	7.434483e+01	91	20 16.9	58
## 1579 88	4.269511e+00	87	143 16.6	59
## 1580 99	6.847034e+00	99	1 16.2	61
## 1581 94	5.670640e+00	93	184 15.9	62
## 1582 94	5.813583e+01	89	1116 15.5	65
## 1583 85	4.375316e+00	84	167 15.2	70
## 1584 79	3.885395e+00	64	92 14.8	75
## 1585 86	1.279761e+01	NA	150 14.4	80

## 1586 73	1.376270e+01	NA	304 14.1	84
## 1587 99	0.000000e+00	99	1318 4.6	4
## 1588 97	7.213655e+02	96	221 39.5	4
## 1589 97	1.106780e+02	96	195 38.5	4
## 1590 97	1.016092e+02	97	1868 37.4	4
## 1591 96	9.230026e+00	96	1569 36.3	4
## 1592 96	6.556660e+01	96	73 35.3	4
## 1593 97	4.315452e+02	96	153 34.4	4
## 1594 97	4.384519e+02	97	334 33.4	4
## 1595 97	4.099813e+02	96	394 32.5	4
## 1596 95	3.659114e+02	95	564 31.6	4
## 1597 96	2.975914e+02	96	1407 3.7	4
## 1598 95	3.156639e+02	94	5729 29.8	4
## 1599 96	2.642496e+02	95	632 28.8	4
## 1600 94	2.167029e+02	95	408 27.9	4
## 1601 95	2.102417e+02	95	2198 27.0	5
## 1602 98	2.337167e+01	97	6187 26.0	5
## 1603 99	0.000000e+00	99	0 27.4	0
## 1604 99	2.051749e+03	99	0 26.2	0
## 1605 99	1.626591e+03	99	0 25.1	0
## 1606 99	1.259940e+03	99	0 24.1	0
## 1607 96	1.079894e+03	96	0 23.1	0
## 1608 97	9.113972e+01	97	0 22.1	0
## 1609 98	1.005030e+02	98	6 21.2	0
## 1610 98	1.077712e+03	98	0 2.3	0

## 1611 98	6.491489e+00	98	20 19.5	0
## 1612 98	6.598499e+02	98	47 18.7	0
## 1613 98	6.209519e+02	98	1395 18.0	0
## 1614 96	6.119094e+02	97	37 17.3	0
## 1615 98	4.914979e+02	98	75 16.7	0
## 1616 98	4.299053e+00	98	926 16.2	0
## 1617 97	4.130689e+01	98	0 15.6	0
## 1618 98	3.001621e+02	96	20 15.2	0
## 1619 66	0.000000e+00	64	215 23.8	84
## 1620 74	4.656232e+01	73	290 23.2	85
## 1621 7	3.686104e+01	69	221 22.5	86
## 1622 72	9.654658e+01	66	341 21.9	88
## 1623 72	1.018114e+02	66	24 21.3	90
## 1624 77	9.585584e+00	72	1719 2.7	91
## 1625 77	8.463439e+01	71	2939 2.2	93
## 1626 74	1.021414e+02	74	98 19.6	94
## 1627 76	8.184050e+01	74	2 19.0	96
## 1628 79	6.770921e+01	9	128 18.5	98
## 1629 78	6.021211e+01	83	33 18.0	101
## 1630 7	5.711645e+01	73	172 17.5	103
## 1631 67	6.660452e+00	79	232 17.0	106
## 1632 65	3.676466e+00	NA	717 16.5	108
## 1633 56	4.395886e+00	NA	4464 16.1	110
## 1634 53	2.394507e+01	NA	1578 15.6	111
## 1635 97	0.000000e+00	95	2 69.6	0

## 1636 99	4.096000e+02	9	0 69.2	0
## 1637 99	3.742947e+02	94	0 68.8	0
## 1638 99	3.431234e+02	93	0 68.4	0
## 1639 96	3.601287e+03	82	3 68.0	0
## 1640 76	2.780687e+02	75	0 67.6	0
## 1641 73	3.355181e+02	86	1 67.1	0
## 1642 72	2.655574e+03	86	1 66.6	0
## 1643 76	2.578888e+03	82	2 66.1	0
## 1644 83	2.380700e+03	86	1 65.6	0
## 1645 94	2.247036e+03	85	6 65.0	0
## 1646 89	2.033157e+02	85	4 64.5	0
## 1647 94	1.678393e+03	89	4 63.9	0
## 1648 95	1.552740e+03	NA	7 63.4	0
## 1649 95	1.300150e+02	NA	2 62.8	0
## 1650 94	1.343547e+02	NA	2 62.3	0
## 1651 79	8.718783e+02	8	0 81.6	0
## 1652 67	0.000000e+00	73	1 3.8	12
## 1653 84	8.092680e+01	84	14 3.1	12
## 1654 8	8.880281e+00	8	62 29.4	12
## 1655 8	6.248420e+01	8	35 28.8	12
## 1656 73	7.927658e+01	75	234 28.1	12
## 1657 52	8.353075e+00	64	1292 27.4	12
## 1658 63	1.114504e+01	64	322 26.8	12
## 1659 73	6.176264e+01	74	4 26.1	12
## 1660 75	7.354001e+00	74	11 25.5	12

## 1661 68	5.579837e+01	68	22 24.8	12
## 1662 71	5.512187e+01	42	127 24.2	12
## 1663 68	5.003783e+00	NA	5039 23.6	12
## 1664 75	2.965371e+01	NA	3611 22.9	12
## 1665 91	4.113191e+00	NA	883 22.3	12
## 1666 75	2.878224e+01	NA	1398 21.7	12
## 1667 58	8.594570e+00	NA	0 21.1	11
## 1668 98	0.000000e+00	97	0 33.3	0
## 1669 98	1.152784e+02	97	0 32.8	0
## 1670 98	9.174676e+02	98	0 32.3	0
## 1671 98	9.151859e+02	98	0 31.8	0
## 1672 98	9.188072e+02	98	2 31.3	0
## 1673 99	1.080560e-01	99	12 3.7	0
## 1674 99	6.242362e+02	99	15 3.2	0
## 1675 99	6.648982e+00	99	12 29.7	0
## 1676 96	5.825144e+02	97	13 29.1	0
## 1677 98	5.023845e+02	97	3 28.6	0
## 1678 97	4.799234e+02	97	7 28.0	0
## 1679 98	5.093900e+02	98	28 27.5	0
## 1680 99	4.077793e+02	97	777 26.9	0
## 1681 88	3.696317e+02	88	0 26.4	0
## 1682 93	7.015537e+01	92	0 25.8	0
## 1683 88	3.363213e+02	88	0 25.3	0
## 1684 87	0.000000e+00	82	0 63.5	35
## 1685 87	1.681738e+02	84	3 62.8	36

## 1686 83	1.504089e+02	82	0 62.1	37
## 1687 99	1.126965e+02	99	0 61.5	38
## 1688 97	1.117196e+03	98	3 6.8	39
## 1689 95	1.033040e+03	93	0 6.1	40
## 1690 95	8.817364e+02	95	0 59.4	42
## 1691 96	1.598772e+02	97	0 58.7	43
## 1692 98	1.057476e+02	98	0 57.9	45
## 1693 98	9.802537e+02	98	23 57.2	47
## 1694 98	9.983498e+02	98	6 56.4	49
## 1695 98	9.208284e+02	98	64 55.7	52
## 1696 98	7.812063e+02	98	44 54.9	55
## 1697 98	1.218597e+01	97	0 54.1	58
## 1698 97	1.331110e+01	97	3 53.2	62
## 1699 97	1.022840e+01	97	30 52.4	66
## 1700 71	0.000000e+00	78	0 69.4	0
## 1701 76	0.000000e+00	81	140 68.7	0
## 1702 81	0.000000e+00	83	0 68.1	0
## 1703 81	0.000000e+00	82	0 67.5	0
## 1704 83	0.000000e+00	83	0 67.0	0
## 1705 85	0.000000e+00	88	0 66.4	0
## 1706 81	0.000000e+00	89	0 65.8	0
## 1707 88	0.000000e+00	89	0 65.2	0
## 1708 79	0.000000e+00	9	0 64.7	0
## 1709 81	0.000000e+00	84	0 64.1	0
## 1710 94	0.000000e+00	91	0 63.6	0

## 1711 82	0.000000e+00	8	0 63.2	0
## 1712 88	0.000000e+00	89	0 62.8	0
## 1713 84	0.000000e+00	85	0 62.4	0
## 1714 79	0.000000e+00	81	0 62.0	0
## 1715 85	0.000000e+00	87	0 61.5	0
## 1716 99	0.000000e+00	99	0 NA	0
## 1717 99	0.000000e+00	99	20359 52.7	1
## 1718 99	2.810024e+02	99	0 51.5	1
## 1719 98	2.411959e+02	98	0 5.4	1
## 1720 99	2.538286e+02	99	0 49.2	2
## 1721 99	2.578403e+02	99	0 48.0	2
## 1722 96	2.231624e+01	96	7 46.9	2
## 1723 96	1.341679e+02	97	8 45.9	2
## 1724 95	1.810123e+02	96	31 44.9	2
## 1725 99	1.266981e+02	98	12 43.9	2
## 1726 98	1.221206e+02	98	26 43.0	2
## 1727 99	9.868368e+01	98	0 42.1	2
## 1728 99	7.324150e+01	98	0 41.3	2
## 1729 98	5.605686e+01	98	18 4.5	2
## 1730 98	5.560878e+01	98	1205 39.8	2
## 1731 95	6.184922e+01	95	10677 39.1	3
## 1732 94	5.643139e+01	93	925 38.5	3
## 1733 89	0.000000e+00	82	0 61.8	0
## 1734 91	7.260292e+02	87	0 61.3	0
## 1735 94	7.071447e+02	9	0 6.7	0

## 1736	6.481332e+02	9	0 6.2	0
94				
## 1737	6.667374e+02	91	5 59.7	0
95				
## 1738	6.354849e+02	9	5 59.1	0
93				
## 1739	4.896819e+02	87	0 58.5	0
91				
## 1740	7.091311e+02	93	0 57.8	0
95				
## 1741	6.785189e+02	9	0 57.2	0
92				
## 1742	5.957307e+02	9	0 56.5	0
9				
## 1743	5.273077e+02	NA	0 55.7	0
NA				
## 1744	5.712190e+01	NA	0 55.0	0
NA				
## 1745	4.950783e+02	NA	0 54.2	0
NA				
## 1746	3.648024e+01	NA	0 53.5	0
NA				
## 1747	3.366981e+01	NA	0 52.7	0
NA				
## 1748	2.745473e+02	NA	0 51.9	0
NA				
## 1749	0.000000e+00	99	17 58.5	20
99				
## 1750	1.987343e+02	99	10 57.5	21
99				
## 1751	1.798599e+02	99	92 56.5	21
99				
## 1752	1.915854e+01	99	668 55.5	22
99				
## 1753	2.209455e+01	98	982 54.6	22
98				
## 1754	1.836592e+02	98	633 53.6	23
99				
## 1755	1.882903e+02	98	834 52.7	23
99				
## 1756	1.713659e+02	97	1455 51.7	24
99				
## 1757	1.576431e+02	95	2248 5.8	25
95				
## 1758	1.277632e+02	95	1217 49.9	25
97				
## 1759	9.469371e+00	96	0 49.1	26
98				
## 1760	1.003638e+02	95	6399 48.2	27
97				

## 1761 91	8.816506e+01	9	10841 47.3	28
## 1762 94	6.672934e+01	92	6000 46.5	29
## 1763 93	7.111645e+01	84	2724 45.7	30
## 1764 95	6.342140e+01	43	7368 44.8	32
## 1765 8	0.000000e+00	8	79 22.6	81
## 1766 79	5.491159e+01	79	9 22.2	84
## 1767 78	5.813338e+00	78	8 21.8	87
## 1768 73	4.990987e+01	76	145 21.3	90
## 1769 73	4.080618e+01	76	177 2.9	94
## 1770 73	5.743394e+00	74	2321 2.5	98
## 1771 74	3.975217e+01	74	60 2.1	101
## 1772 74	7.969158e-01	75	4 19.7	104
## 1773 75	5.395028e+01	75	267 19.3	108
## 1774 73	5.859644e+01	75	183 18.9	113
## 1775 71	6.733379e+01	75	12598 18.5	117
## 1776 69	4.658196e+01	76	9396 18.1	120
## 1777 67	4.252690e+01	76	28898 17.7	124
## 1778 76	4.082597e+01	76	7155 17.3	127
## 1779 72	3.782512e+01	25	7085 16.9	132
## 1780 69	4.717251e+01	NA	7375 16.5	136
## 1781 89	0.000000e+00	89	6 23.8	50
## 1782 88	4.533789e+01	88	122 22.9	52
## 1783 76	3.833793e+01	75	1010 22.1	55
## 1784 87	3.842791e+01	58	2175 21.3	58
## 1785 9	2.123699e+01	4	2046 2.5	61

## 1786 9	1.748294e+01	92	190 19.8	65
## 1787 9	1.105248e+01	91	329 19.1	69
## 1788 85	9.530480e+00	85	333 18.3	96
## 1789 84	5.305728e-01	85	1088 17.6	78
## 1790 82	4.632776e+00	75	760 17.0	83
## 1791 86	2.793843e+00	62	314 16.4	87
## 1792 92	4.154516e+00	39	1329 15.7	90
## 1793 86	3.824212e+00	8	830 15.2	93
## 1794 84	3.421881e+00	NA	736 14.6	96
## 1795 77	1.917164e+00	NA	2519 14.1	98
## 1796 88	2.511437e+00	NA	845 13.6	100
## 1797 92	0.000000e+00	92	212 35.7	3
## 1798 88	7.513983e+02	88	477 34.9	3
## 1799 89	7.606551e+02	89	1028 34.1	3
## 1800 84	7.968734e+02	84	86 33.3	4
## 1801 85	7.896235e+00	82	79 32.5	4
## 1802 83	7.195535e+02	83	3138 31.8	4
## 1803 83	5.756748e+02	NA	4076 31.0	4
## 1804 83	5.955034e+01	NA	0 3.2	4
## 1805 81	6.211039e+01	NA	21 29.4	4
## 1806 74	4.591572e+02	NA	3 28.7	4
## 1807 86	4.577201e+02	NA	4 27.9	4
## 1808 81	3.682848e+02	NA	4 27.2	4
## 1809 82	2.946572e+02	NA	262 26.5	4
## 1810 78	2.037323e+02	NA	1278 25.8	4

## 1811 79	2.058079e+02	NA	416 25.1	4
## 1812 8	3.580979e+01	NA	469 24.5	4
## 1813 87	1.560660e+01	87	0 87.3	0
## 1814 9	0.000000e+00	91	1599 19.1	21
## 1815 92	8.523486e+00	92	1279 18.5	22
## 1816 92	8.015505e+01	92	1861 18.0	24
## 1817 9	8.058788e+01	9	3362 17.4	25
## 1818 92	1.121229e+02	92	2359 16.9	27
## 1819 83	8.462303e+01	82	190 16.4	30
## 1820 93	6.193570e+00	89	189 15.9	32
## 1821 82	7.027113e+01	82	2089 15.4	35
## 1822 82	5.222907e+01	82	1415 14.9	38
## 1823 91	4.587990e+01	69	2838 14.4	41
## 1824 78	4.259753e+00	41	5023 13.9	44
## 1825 8	3.193187e+01	27	12074 13.4	47
## 1826 76	2.790965e+00	2	13344 12.9	50
## 1827 72	2.318395e+01	NA	6749 12.4	54
## 1828 73	2.192814e+01	NA	10849 11.9	58
## 1829 74	1.791234e+01	NA	9397 11.4	62
## 1830 95	0.000000e+00	94	7 62.1	1
## 1831 96	1.491704e+03	92	140 61.6	1
## 1832 97	1.475030e+03	51	2632 61.0	1
## 1833 97	1.162657e+03	2	10 6.5	1
## 1834 97	1.047370e+03	2	51 59.9	1
## 1835 97	1.035621e+03	NA	15 59.3	1

## 1836	9.685859e+01	NA	15 58.6	1
97				
## 1837	1.087341e+04	NA	109 57.9	1
97				
## 1838	9.689733e+03	NA	10 57.3	1
97				
## 1839	8.344010e+03	NA	1 56.5	1
96				
## 1840	6.577508e+03	NA	4 55.8	1
96				
## 1841	5.170131e+03	NA	11 55.0	1
98				
## 1842	4.472611e+03	NA	4 54.2	1
98				
## 1843	3.455197e+03	NA	3 53.4	1
97				
## 1844	3.054516e+03	NA	0 52.6	1
97				
## 1845	2.944640e+03	NA	1019 51.8	1
97				
## 1846	0.000000e+00	92	10 67.5	0
92				
## 1847	1.040278e+03	93	280 66.9	0
93				
## 1848	1.001908e+04	93	8 66.4	0
92				
## 1849	9.245654e+02	93	68 65.9	0
93				
## 1850	8.342406e+03	95	597 65.3	0
95				
## 1851	6.664149e+03	9	43 64.8	0
93				
## 1852	6.357705e+01	93	198 64.3	0
92				
## 1853	6.761289e+03	9	0 63.8	0
89				
## 1854	6.063107e+02	88	25 63.2	0
88				
## 1855	4.962228e+02	87	20 62.6	0
89				
## 1856	4.910559e+02	87	20 62.1	0
89				
## 1857	4.423775e+02	88	33 61.5	0
87				
## 1858	3.661793e+03	89	66 6.9	0
86				
## 1859	2.892257e+03	89	21 6.3	0
84				
## 1860	2.205986e+03	9	65 59.6	0
82				

## 1861 82	2.143021e+03	9	65 58.9	0
## 1862 99	0.000000e+00	98	0 54.0	2
## 1863 99	4.731238e+02	98	0 53.2	3
## 1864 99	3.664842e+02	98	0 52.4	3
## 1865 99	3.348174e+02	98	0 51.7	3
## 1866 99	3.216133e+02	98	0 5.9	3
## 1867 99	3.027045e+02	98	0 5.2	3
## 1868 99	2.927531e+02	98	0 49.4	3
## 1869 97	2.750644e+02	97	0 48.6	3
## 1870 93	2.530008e+02	93	0 47.9	4
## 1871 88	2.141124e+01	88	0 47.1	4
## 1872 87	2.185716e+02	86	0 46.4	4
## 1873 8	3.681621e+01	79	0 45.7	4
## 1874 86	2.542437e+00	86	0 44.9	5
## 1875 85	2.092344e+00	85	0 44.2	5
## 1876 89	2.235595e+01	87	0 43.5	5
## 1877 85	1.525519e+01	83	0 42.8	5
## 1878 65	0.000000e+00	65	7693 19.3	87
## 1879 67	3.304040e+00	68	1142 18.9	88
## 1880 56	3.150243e+01	67	1224 18.5	89
## 1881 71	2.975518e+01	71	272 18.1	90
## 1882 4	3.222493e+01	75	771 17.7	93
## 1883 75	5.883761e+00	7	372 17.3	95
## 1884 71	5.665405e+00	71	801 16.9	99
## 1885 68	4.037836e+01	NA	1317 16.5	102

## 1886 57	3.580930e+01	NA	282 16.1	106
## 1887 52	4.342193e+01	NA	59 15.7	110
## 1888 46	3.751715e+00	NA	2183 15.4	114
## 1889 45	2.086118e+01	NA	63057 15.0	118
## 1890 44	2.026877e+01	NA	54190 14.6	121
## 1891 43	1.758723e+01	NA	31584 14.3	124
## 1892 42	1.817830e+00	NA	61208 13.9	127
## 1893 41	1.335784e+01	NA	21319 13.6	128
## 1894 49	0.000000e+00	49	12423 25.4	747
## 1895 49	2.632111e+02	49	6855 24.7	759
## 1896 46	1.942033e+02	46	52852 24.1	773
## 1897 42	2.047186e+02	42	6447 23.5	788
## 1898 48	1.875733e+02	46	18843 22.8	802
## 1899 54	1.331231e+02	49	8491 22.2	817
## 1900 66	1.456765e+01	63	1272 21.6	832
## 1901 6	1.055911e+02	41	9960 21.0	848
## 1902 54	1.044746e+02	42	2613 2.4	863
## 1903 46	1.035779e+01	27	704 19.9	879
## 1904 45	6.416253e+00	18	110927 19.3	893
## 1905 43	5.722556e+01	NA	31521 18.8	907
## 1906 42	3.019551e+01	NA	141258 18.3	918
## 1907 4	1.713775e+01	NA	42007 17.8	928
## 1908 36	1.583099e+01	NA	168107 17.3	936
## 1909 31	2.248178e+01	NA	212183 16.9	943
## 1910 99	0.000000e+00	99	0 77.3	0

## 1911 95	0.000000e+00	NA	14 61.2	0
## 1912 93	1.776383e+02	NA	3 6.8	0
## 1913 94	2.347829e+02	NA	8 6.3	0
## 1914 95	2.094191e+03	NA	4 59.8	0
## 1915 94	2.773551e+02	NA	39 59.4	0
## 1916 93	1.526806e+04	NA	3 58.9	0
## 1917 94	1.423749e+02	NA	2 58.5	0
## 1918 94	1.707131e+03	NA	4 58.0	0
## 1919 93	1.482941e+04	NA	0 57.5	0
## 1920 94	1.282925e+04	NA	0 57.0	0
## 1921 91	1.179253e+04	NA	0 56.5	0
## 1922 92	1.009825e+03	NA	7 55.9	0
## 1923 92	8.807381e+02	NA	8 55.3	0
## 1924 93	7.496823e+02	NA	5 54.6	0
## 1925 91	6.356827e+03	NA	4 54.0	0
## 1926 91	6.191212e+03	NA	0 53.3	0
## 1927 99	0.000000e+00	99	0 54.6	1
## 1928 99	1.661914e+02	99	0 53.5	1
## 1929 99	1.154893e+03	98	0 52.8	1
## 1930 99	1.055835e+03	98	13 52.3	1
## 1931 99	1.582771e+02	99	5 52.0	1
## 1932 99	1.292261e+02	99	3 51.8	1
## 1933 96	1.040629e+03	98	19 51.5	1
## 1934 97	1.230966e+02	99	18 51.1	1
## 1935 97	8.845038e+01	99	24 5.6	1

## 1936 98	7.851141e+01	99	13 5.1	1
## 1937 99	8.540116e+02	99	25 49.5	1
## 1938 99	7.046762e+01	99	18 48.9	1
## 1939 99	6.565631e+01	99	1 48.1	1
## 1940 99	5.859171e+02	99	5 47.3	1
## 1941 99	5.645426e+02	99	15 46.5	1
## 1942 99	6.286658e+01	99	15 45.9	1
## 1943 72	0.000000e+00	72	386 25.4	433
## 1944 72	6.229361e+01	72	1370 24.7	442
## 1945 72	6.018649e+01	72	8749 23.9	450
## 1946 72	5.965900e+01	72	8046 23.2	456
## 1947 75	5.787736e+01	74	4386 22.5	459
## 1948 82	6.675150e-01	82	4321 21.9	461
## 1949 7	6.972156e-01	78	863 21.3	460
## 1950 7	5.447134e+00	65	1129 2.6	460
## 1951 75	3.912745e+00	75	2801 2.1	459
## 1952 77	4.036830e+01	78	7641 19.5	458
## 1953 78	3.059321e+01	7	2981 18.9	459
## 1954 65	2.898323e+01	65	4248 18.4	461
## 1955 69	2.423456e+01	63	4740 17.9	466
## 1956 71	2.239388e+01	NA	3903 17.4	474
## 1957 68	1.766663e+00	NA	3849 16.9	483
## 1958 65	1.884534e+01	NA	2064 16.4	495
## 1959 99	3.446906e+02	99	0 83.3	0
## 1960 72	0.000000e+00	73	0 57.8	1

## 1961 8	1.842464e+03	8	0 57.1	1
## 1962 81	1.694467e+03	8	0 56.3	1
## 1963 87	2.017491e+02	85	0 55.6	1
## 1964 91	1.192124e+02	87	4 54.9	1
## 1965 95	1.199320e+03	94	0 54.2	2
## 1966 85	1.092155e+03	85	0 53.4	2
## 1967 86	9.568230e+02	86	0 52.7	2
## 1968 84	7.625080e+01	85	0 51.9	2
## 1969 98	6.311252e+02	88	0 51.1	2
## 1970 88	6.239101e+02	92	0 5.3	2
## 1971 92	5.276085e+02	95	0 49.5	2
## 1972 95	5.845976e+01	98	0 48.6	2
## 1973 99	7.880940e+01	98	0 47.8	2
## 1974 95	7.320514e+00	98	0 46.9	2
## 1975 99	9.871021e+00	NA	0 45.9	2
## 1976 74	0.000000e+00	67	38 48.6	12
## 1977 64	2.082312e+02	67	2299 47.9	13
## 1978 8	2.570882e+01	73	12 47.2	13
## 1979 81	3.163577e+01	68	0 46.4	13
## 1980 69	2.340731e+01	66	0 45.7	13
## 1981 72	1.899962e+01	56	0 44.9	14
## 1982 79	2.053328e+01	66	0 44.2	14
## 1983 76	1.037278e+02	59	0 43.4	14
## 1984 72	8.571754e+01	61	0 42.7	14
## 1985 67	1.266142e+02	71	1 41.9	14

## 1986 61	1.205552e+01	63	1222 41.1	15
## 1987 59	1.580019e+02	6	1385 4.4	15
## 1988 62	1.243789e+02	67	3863 39.6	14
## 1989 54	1.109803e+02	6	17620 38.9	14
## 1990 52	9.337278e+01	59	4023 38.2	14
## 1991 51	6.256274e+01	57	7135 37.5	14
## 1992 89	0.000000e+00	93	0 5.2	3
## 1993 83	5.617685e+02	87	0 49.4	3
## 1994 8	5.734347e+02	86	0 48.6	3
## 1995 83	4.418446e+02	87	0 47.9	3
## 1996 84	4.721933e+02	89	0 47.1	3
## 1997 85	3.599760e+02	89	0 46.4	3
## 1998 81	3.093520e+01	85	0 45.6	3
## 1999 85	3.473925e+01	87	0 44.9	4
## 2000 95	3.186202e+02	86	0 44.2	4
## 2001 98	2.618072e+01	92	0 43.5	4
## 2002 96	2.068037e+01	92	0 42.8	4
## 2003 92	2.060083e+01	9	0 42.0	4
## 2004 86	1.554233e+02	86	0 41.3	4
## 2005 87	1.528294e+02	NA	0 4.6	4
## 2006 9	2.338489e+02	NA	0 39.8	5
## 2007 86	2.735759e+02	NA	0 39.1	5
## 2008 88	0.000000e+00	9	4 55.6	10
## 2009 78	9.737287e+02	88	0 54.9	10
## 2010 71	9.466521e+02	88	0 54.2	11

## 2011 94	8.859858e+02	95	0 53.6	11
## 2012 91	7.595381e+02	91	0 52.9	12
## 2013 92	6.943935e+01	93	0 52.2	12
## 2014 92	5.704532e+02	93	0 51.5	13
## 2015 93	5.849897e+01	93	1 5.8	14
## 2016 93	5.164037e+02	93	0 5.2	15
## 2017 94	4.487670e+02	94	0 49.5	15
## 2018 66	4.115646e+02	94	0 48.8	16
## 2019 81	3.569394e+02	92	0 48.1	18
## 2020 95	3.470334e+01	65	0 47.4	19
## 2021 95	4.053778e+01	NA	0 46.7	20
## 2022 9	3.025359e+02	NA	0 46.1	22
## 2023 93	2.975112e+02	NA	1 45.4	24
## 2024 79	0.000000e+00	6	619 25.4	66
## 2025 77	3.127232e+01	67	58848 24.8	68
## 2026 84	2.458973e+01	89	2920 24.3	69
## 2027 88	2.127418e+02	88	1536 23.7	71
## 2028 87	1.914950e+02	87	6538 23.1	72
## 2029 78	1.982564e+02	77	6368 22.6	74
## 2030 86	1.595348e+02	85	1469 22.1	76
## 2031 91	1.554768e+02	88	341 21.6	78
## 2032 87	1.373275e+02	87	530 21.1	80
## 2033 88	1.213625e+02	77	9 2.6	82
## 2034 9	1.057307e+02	49	118 2.1	84
## 2035 85	1.339905e+01	48	3025 19.6	86

## 2036 85	9.011493e-01	52	10511 19.2	87
## 2037 77	9.987219e-02	42	7003 18.7	89
## 2038 76	6.902042e+01	45	7360 18.3	89
## 2039 74	1.169704e+01	7	7120 17.8	90
## 2040 92	0.000000e+00	96	0 61.7	2
## 2041 94	2.438085e+02	96	0 61.1	2
## 2042 95	2.343533e+01	96	84 6.4	2
## 2043 95	2.300401e+02	97	71 59.7	2
## 2044 96	2.500774e+02	98	0 59.1	2
## 2045 96	2.204917e+02	98	13 58.4	2
## 2046 96	1.299160e+03	98	115 57.8	3
## 2047 96	1.571475e+01	98	0 57.2	3
## 2048 99	1.430425e+01	98	40 56.6	3
## 2049 99	9.145556e+00	98	120 56.0	3
## 2050 99	7.941503e+01	98	13 55.5	3
## 2051 99	6.480743e+02	98	11 55.0	3
## 2052 98	5.420235e+02	97	48 54.5	3
## 2053 98	5.160554e+02	98	34 54.0	3
## 2054 98	4.667383e+02	95	133 53.6	3
## 2055 98	4.124324e+02	99	77 53.1	4
## 2056 98	0.000000e+00	98	8 61.6	0
## 2057 98	2.712546e+02	98	0 6.9	0
## 2058 98	2.698018e+03	98	1 6.2	0
## 2059 98	3.314570e+02	98	23 59.5	0
## 2060 97	3.108289e+03	97	2 58.8	0

## 2061 97	3.119350e+03	97	5 58.1	0
## 2062 96	3.371024e+02	96	3 57.3	0
## 2063 97	3.652869e+03	97	1 56.5	0
## 2064 96	3.333569e+02	97	0 55.7	0
## 2065 97	2.884020e+03	97	0 54.9	0
## 2066 93	2.813985e+03	94	7 54.1	1
## 2067 95	2.761000e+02	94	5 53.3	1
## 2068 96	2.283892e+03	94	8 52.5	1
## 2069 96	1.904002e+03	82	8 51.7	1
## 2070 96	1.657328e+03	7	0 5.9	1
## 2071 96	1.673280e+02	58	45 5.1	1
## 2072 99	0.000000e+00	99	18 69.3	0
## 2073 99	5.063513e+03	89	46 68.4	0
## 2074 99	5.150735e+02	97	73 67.7	0
## 2075 93	5.163329e+03	93	160 67.0	0
## 2076 92	4.409171e+03	93	101 66.5	0
## 2077 98	3.776849e+01	97	295 66.0	0
## 2078 98	3.688694e+03	99	112 65.6	0
## 2079 98	5.484143e+03	97	0 65.2	0
## 2080 97	4.418506e+01	94	361 65.1	0
## 2081 95	4.485953e+02	96	144 65.0	0
## 2082 98	4.582476e+03	97	74 65.1	0
## 2083 95	4.064744e+03	97	29 65.0	0
## 2084 93	4.049972e+03	93	24 64.7	0
## 2085 96	1.886783e+02	98	34 64.1	0

## 2086 93	1.700495e+02	93	23 63.3	0
## 2087 91	1.559287e+03	89	46 62.4	0
## 2088 98	0.000000e+00	98	7 31.7	2
## 2089 99	0.000000e+00	99	442 31.2	2
## 2090 99	0.000000e+00	99	107 3.8	2
## 2091 99	0.000000e+00	99	2 3.4	2
## 2092 98	0.000000e+00	99	42 3.0	2
## 2093 95	0.000000e+00	94	114 29.5	2
## 2094 95	0.000000e+00	94	17 29.1	2
## 2095 92	0.000000e+00	94	2 28.6	2
## 2096 91	0.000000e+00	91	194 28.2	2
## 2097 98	0.000000e+00	99	28 27.7	2
## 2098 96	0.000000e+00	99	7 27.2	3
## 2099 9	0.000000e+00	92	11 26.7	3
## 2100 94	0.000000e+00	91	33 26.2	3
## 2101 99	0.000000e+00	92	62 25.7	4
## 2102 99	0.000000e+00	89	23060 25.2	4
## 2103 99	0.000000e+00	93	32647 24.7	4
## 2104 88	0.000000e+00	88	0 53.4	1
## 2105 92	0.000000e+00	92	2 52.7	1
## 2106 92	0.000000e+00	91	27 52.1	1
## 2107 92	0.000000e+00	94	11 51.5	1
## 2108 96	0.000000e+00	96	0 5.9	1
## 2109 97	0.000000e+00	98	0 5.4	1
## 2110 87	0.000000e+00	89	0 49.9	1

## 2111 96	0.000000e+00	97	0 49.5	1
## 2112 93	0.000000e+00	95	10 49.1	1
## 2113 98	0.000000e+00	98	34 48.7	1
## 2114 99	0.000000e+00	99	6 48.3	1
## 2115 98	0.000000e+00	99	4 47.9	1
## 2116 98	0.000000e+00	99	87 47.6	1
## 2117 98	0.000000e+00	99	4929 47.2	1
## 2118 98	0.000000e+00	94	457 46.8	1
## 2119 97	0.000000e+00	92	687 46.5	2
## 2120 89	0.000000e+00	9	4 6.7	2
## 2121 94	1.576409e+00	94	59 59.9	2
## 2122 88	1.230748e+03	96	1159 59.2	2
## 2123 92	1.078358e+03	96	7450 58.4	2
## 2124 89	1.032589e+01	96	4189 57.7	2
## 2125 94	9.832518e+02	98	193 56.9	2
## 2126 95	1.496374e+01	95	8 56.3	3
## 2127 95	1.280806e+02	97	12 55.6	3
## 2128 96	9.191673e+02	99	353 55.0	3
## 2129 97	6.656428e+02	99	3196 54.4	4
## 2130 97	6.154031e+02	98	5043 53.9	4
## 2131 97	4.313250e+02	99	117 53.4	4
## 2132 97	3.751740e+02	98	9 52.9	4
## 2133 98	3.782275e+01	99	14 52.4	5
## 2134 99	1.801095e+02	98	10 51.9	5
## 2135 99	1.526369e+02	98	35 51.4	5

## 2136 97	0.000000e+00	97	843 6.5	15
## 2137 97	1.340554e+03	97	4711 59.9	15
## 2138 98	1.529498e+03	97	2339 59.3	16
## 2139 98	1.788226e+02	97	2123 58.7	16
## 2140 97	1.847649e+02	97	629 58.1	17
## 2141 98	1.628088e+02	97	129 57.5	17
## 2142 98	1.370063e+02	98	101 57.0	18
## 2143 98	1.617302e+02	98	27 56.6	18
## 2144 98	1.102617e+01	98	173 56.1	19
## 2145 98	1.225184e+01	98	1147 55.7	20
## 2146 98	6.255082e+02	97	454 55.3	20
## 2147 98	4.651559e+01	96	2444 55.0	21
## 2148 97	3.332149e+02	94	3291 54.7	22
## 2149 97	2.665417e+02	81	580 54.5	24
## 2150 97	2.642527e+00	43	2072 54.2	25
## 2151 97	2.244600e+02	NA	4800 54.0	26
## 2152 99	0.000000e+00	98	1 21.4	15
## 2153 98	7.549797e+00	98	10 2.8	16
## 2154 98	1.171091e+01	98	17 2.1	17
## 2155 98	9.774676e+00	98	75 19.5	18
## 2156 93	9.074569e+00	97	31 18.9	20
## 2157 93	6.378724e+01	97	121 18.3	23
## 2158 93	9.165615e+00	97	5 17.7	25
## 2159 97	6.615404e-01	97	6 17.1	28
## 2160 98	7.409772e+00	97	26 16.5	30

## 2161 99	7.847020e+01	99	494 15.9	34
## 2162 95	3.944667e+01	95	129 15.4	38
## 2163 89	3.193566e+01	89	386 14.9	42
## 2164 96	3.330286e+01	96	1064 14.5	46
## 2165 85	1.965978e+00	88	2738 14.1	50
## 2166 76	3.882538e-01	NA	896 13.7	54
## 2167 9	1.841792e+01	NA	2095 13.2	57
## 2168 96	0.000000e+00	97	0 5.2	0
## 2169 99	0.000000e+00	99	0 47.5	0
## 2170 99	0.000000e+00	99	0 46.7	0
## 2171 99	0.000000e+00	99	0 45.9	0
## 2172 98	0.000000e+00	98	0 45.2	0
## 2173 99	0.000000e+00	99	0 44.5	0
## 2174 97	0.000000e+00	97	0 43.8	0
## 2175 95	0.000000e+00	95	0 43.0	0
## 2176 96	0.000000e+00	96	0 42.2	0
## 2177 99	0.000000e+00	99	0 41.3	0
## 2178 85	0.000000e+00	85	0 4.4	0
## 2179 95	0.000000e+00	95	0 39.6	0
## 2180 91	0.000000e+00	91	0 39.0	0
## 2181 91	0.000000e+00	84	0 38.4	0
## 2182 9	0.000000e+00	14	0 37.9	0
## 2183 99	0.000000e+00	NA	0 37.3	0
## 2184 7	0.000000e+00	NA	0 36.8	0
## 2185 97	0.000000e+00	98	0 54.1	0

## 2186	0.000000e+00	98	0 53.1	0
97				
## 2187	0.000000e+00	97	0 52.2	0
97				
## 2188	0.000000e+00	96	0 51.2	0
96				
## 2189	0.000000e+00	96	0 5.3	0
96				
## 2190	0.000000e+00	99	0 49.3	0
99				
## 2191	0.000000e+00	99	0 48.4	0
99				
## 2192	0.000000e+00	99	0 47.5	0
99				
## 2193	0.000000e+00	99	0 46.6	0
99				
## 2194	0.000000e+00	99	0 45.7	0
99				
## 2195	0.000000e+00	99	0 44.7	0
93				
## 2196	0.000000e+00	99	0 43.8	0
99				
## 2197	0.000000e+00	31	0 42.9	0
99				
## 2198	0.000000e+00	NA	0 42.0	0
99				
## 2199	0.000000e+00	NA	0 41.0	0
99				
## 2200	0.000000e+00	NA	0 4.1	0
99				
## 2201	0.000000e+00	59	0 74.7	0
61				
## 2202	6.602778e+02	56	0 74.3	0
58				
## 2203	6.983523e+02	6	0 73.8	0
62				
## 2204	4.920552e+02	64	1 73.4	0
62				
## 2205	5.587206e+02	58	0 72.9	0
6				
## 2206	4.347941e+02	57	8 72.5	0
57				
## 2207	4.212368e+01	44	0 72.0	0
45				
## 2208	4.735261e+01	12	0 71.4	0
54				
## 2209	4.773638e+01	46	0 7.9	0
49				
## 2210	4.022856e+01	35	0 7.3	0
37				

## 2211 55	2.874671e+02	41	0 69.7	0
## 2212 26	3.106118e+02	54	0 68.9	0
## 2213 82	2.499717e+01	83	0 68.2	0
## 2214 85	2.081688e+02	86	0 67.4	0
## 2215 83	1.994118e+02	89	0 66.5	0
## 2216 94	2.125430e+01	89	0 65.6	0
## 2217 69	0.000000e+00	69	0 NA	0
## 2218 96	0.000000e+00	96	0 3.9	0
## 2219 95	2.257308e+02	95	0 3.1	0
## 2220 97	2.006601e+02	97	0 29.3	0
## 2221 96	8.198048e+00	96	0 28.5	0
## 2222 96	7.495401e+00	96	0 27.7	0
## 2223 98	6.304033e+01	98	0 26.9	0
## 2224 99	1.113609e+01	98	0 26.2	0
## 2225 99	6.285659e+01	99	0 25.4	0
## 2226 98	4.993698e+01	87	0 24.7	0
## 2227 97	4.708931e+01	75	0 24.0	0
## 2228 97	1.081391e+01	96	0 23.4	0
## 2229 99	9.013494e+00	7	0 22.8	0
## 2230 94	8.642744e+01	43	0 22.2	0
## 2231 92	5.080181e+01	NA	0 21.7	0
## 2232 9	3.841229e+00	NA	0 21.1	0
## 2233 87	0.000000e+00	NA	0 2.7	0
## 2234 97	0.000000e+00	98	219 68.2	8
## 2235 98	2.017643e+03	98	154 67.3	9

## 2236	2.047113e+03	98	1164 66.4	9
98				
## 2237	1.963808e+02	98	294 65.6	9
98				
## 2238	1.735756e+02	98	362 64.7	9
98				
## 2239	1.197946e+03	98	334 63.9	9
98				
## 2240	1.179228e+02	98	82 63.1	10
98				
## 2241	1.550667e+01	98	158 62.4	10
98				
## 2242	1.307890e+03	96	4648 61.6	10
96				
## 2243	1.395455e+03	96	807 6.9	10
96				
## 2244	1.117048e+03	97	373 6.2	10
96				
## 2245	8.164795e+02	96	1880 59.4	11
96				
## 2246	8.323689e+02	95	1208 58.5	11
95				
## 2247	6.880973e+02	97	311 57.7	11
95				
## 2248	7.104952e+02	95	155 56.9	12
97				
## 2249	7.821800e+02	93	0 56.2	12
95				
## 2250	0.000000e+00	89	58 24.3	26
85				
## 2251	1.280529e+01	89	32 23.8	27
85				
## 2252	1.183853e+01	92	17 23.2	28
89				
## 2253	1.020659e+01	91	46 22.7	29
83				
## 2254	1.431052e+00	92	18 22.2	31
89				
## 2255	1.020072e+00	89	428 21.7	32
76				
## 2256	1.177478e+00	86	999 21.2	33
83				
## 2257	1.088331e+00	88	6 2.8	34
87				
## 2258	8.309153e+00	94	11 2.3	36
93				
## 2259	1.043023e+01	89	3 19.9	38
89				
## 2260	9.603725e+01	84	0 19.5	40
84				

## 2261 87	6.602236e+01	54	31 19.1	42
## 2262 73	6.221978e+01	NA	1519 18.7	44
## 2263 6	4.973511e+01	NA	18184 18.3	47
## 2264 49	6.064221e+00	NA	24789 17.9	49
## 2265 49	5.397369e+00	NA	5839 17.5	50
## 2266 95	0.000000e+00	94	383 6.0	1
## 2267 93	8.617208e+00	92	37 59.4	1
## 2268 97	8.806403e+02	91	1 58.9	1
## 2269 93	7.425110e+02	97	0 58.3	1
## 2270 94	9.153191e+02	94	370 57.7	1
## 2271 91	7.744397e+02	89	20 57.0	1
## 2272 97	8.208109e+02	93	1 56.4	1
## 2273 95	9.633238e+01	93	2 55.8	1
## 2274 93	7.728700e+02	99	201 55.1	1
## 2275 97	5.418243e+02	93	2 54.5	1
## 2276 98	5.031116e+02	65	2 53.9	1
## 2277 96	4.627077e+02	89	11 53.3	1
## 2278 89	3.897515e+02	NA	15 52.8	1
## 2279 95	2.926142e+02	NA	63 52.2	1
## 2280 93	2.225066e+02	NA	35 51.7	1
## 2281 98	1.185928e+01	NA	38 51.2	2
## 2282 97	0.000000e+00	98	0 37.4	0
## 2283 99	1.511046e+02	99	0 36.2	0
## 2284 98	1.521673e+03	99	0 35.5	0
## 2285 98	1.772634e+02	99	0 34.8	0

## 2286	1.121476e+03	99	0 34.2	0
99				
## 2287	1.649232e+01	99	0 33.5	0
99				
## 2288	7.522566e+01	99	0 32.4	0
99				
## 2289	7.018526e+02	99	0 31.8	0
99				
## 2290	9.164742e+02	99	1 31.2	0
99				
## 2291	1.023739e+02	99	10 3.7	0
99				
## 2292	2.146531e+01	99	0 3.1	0
99				
## 2293	1.294325e+01	99	0 29.2	0
99				
## 2294	8.431187e+02	99	0 28.7	0
99				
## 2295	5.623602e+02	99	0 28.1	0
99				
## 2296	6.437036e+02	96	0 27.6	0
96				
## 2297	6.017608e+02	98	0 27.1	0
98				
## 2298	0.000000e+00	86	607 24.4	30
86				
## 2299	1.443286e+00	83	1006 23.8	32
83				
## 2300	1.321464e+00	92	15 23.3	33
92				
## 2301	5.456034e+01	91	678 22.7	35
91				
## 2302	5.466592e+01	89	1865 22.2	38
88				
## 2303	5.347718e+00	86	1089 21.7	40
84				
## 2304	4.983713e+01	84	31 21.2	42
81				
## 2305	5.379606e+00	77	44 2.7	44
75				
## 2306	4.557109e+01	63	0 2.2	45
63				
## 2307	3.800076e+01	NA	33 19.7	46
65				
## 2308	4.208893e+01	NA	29 19.2	47
67				
## 2309	3.852455e+01	NA	7 18.8	47
69				
## 2310	3.861473e+01	NA	586 18.4	47
66				

## 2311 54	3.659115e+01	NA	568 17.9	48
## 2312 38	3.334691e+01	NA	649 17.5	48
## 2313 46	2.039568e+01	NA	3575 17.2	48
## 2314 96	0.000000e+00	96	0 33.2	0
## 2315 96	7.971646e+03	96	0 32.9	0
## 2316 97	7.143441e+02	97	138 32.7	0
## 2317 97	6.041859e+03	97	42 32.4	0
## 2318 96	6.380001e+02	96	148 32.1	0
## 2319 96	4.540544e+03	96	50 31.8	0
## 2320 97	4.629307e+02	96	16 31.5	0
## 2321 97	3.404131e+03	97	18 31.2	0
## 2322 97	3.082974e+03	96	15 3.9	0
## 2323 95	2.639377e+03	95	23 3.5	0
## 2324 96	2.356731e+03	96	33 3.2	0
## 2325 95	2.042482e+02	94	96 29.9	0
## 2326 96	2.263068e+03	95	33 29.6	0
## 2327 94	1.420990e+02	95	211 29.2	0
## 2328 95	1.003367e+03	95	408 28.9	0
## 2329 98	1.855829e+03	97	141 28.5	0
## 2330 96	0.000000e+00	96	1 59.1	0
## 2331 97	0.000000e+00	97	0 58.4	0
## 2332 98	0.000000e+00	98	0 57.8	0
## 2333 99	0.000000e+00	99	0 57.2	0
## 2334 99	0.000000e+00	99	0 56.5	0
## 2335 99	0.000000e+00	99	0 55.9	0

## 2336	0.000000e+00	99	0 55.3	0
99				
## 2337	0.000000e+00	99	0 54.8	0
99				
## 2338	0.000000e+00	99	0 54.2	0
99				
## 2339	0.000000e+00	99	0 53.7	0
99				
## 2340	0.000000e+00	99	0 53.1	0
99				
## 2341	0.000000e+00	99	2 52.6	0
99				
## 2342	0.000000e+00	99	1 52.1	0
98				
## 2343	0.000000e+00	99	0 51.6	0
98				
## 2344	0.000000e+00	99	0 51.1	1
99				
## 2345	0.000000e+00	98	0 5.7	1
98				
## 2346	0.000000e+00	NA	18 6.1	0
95				
## 2347	3.113493e+01	NA	52 59.5	0
95				
## 2348	2.597787e+02	NA	1 58.9	0
95				
## 2349	3.283025e+03	NA	2 58.2	0
96				
## 2350	3.343026e+03	NA	22 57.6	0
96				
## 2351	3.187496e+03	NA	2 57.0	0
96				
## 2352	3.505389e+03	NA	0 56.4	0
96				
## 2353	3.929589e+02	NA	0 55.8	0
97				
## 2354	3.256724e+03	NA	0 55.2	0
97				
## 2355	2.724178e+03	NA	0 54.7	0
97				
## 2356	2.503714e+03	NA	0 54.1	0
95				
## 2357	2.353785e+02	NA	0 53.5	0
94				
## 2358	2.033252e+02	NA	0 52.9	0
95				
## 2359	1.617473e+03	NA	0 52.3	0
93				
## 2360	1.963026e+02	NA	0 51.8	0
93				

## 2361 93	1.614474e+02	NA	0 51.2	0
## 2362 99	0.000000e+00	98	0 5.5	0
## 2363 94	3.718439e+00	88	0 49.7	0
## 2364 99	2.473329e+01	94	0 48.9	0
## 2365 99	2.479492e+02	99	0 48.1	0
## 2366 99	2.296687e+02	99	0 47.2	0
## 2367 94	2.952080e+01	9	0 46.4	0
## 2368 98	2.443976e+02	92	0 45.5	0
## 2369 94	1.974929e+01	89	0 44.7	0
## 2370 93	2.890135e+01	9	0 43.8	0
## 2371 99	2.404851e+02	99	0 43.0	0
## 2372 9	2.531156e+01	83	0 42.1	0
## 2373 89	1.955259e+02	81	0 41.3	0
## 2374 84	1.683171e+01	79	0 4.4	0
## 2375 78	1.562848e+02	75	0 39.6	0
## 2376 88	3.251115e+02	83	0 38.7	0
## 2377 88	4.249261e+00	81	0 37.9	0
## 2378 47	0.000000e+00	42	7497 24.3	80
## 2379 47	0.000000e+00	42	10229 23.8	80
## 2380 47	0.000000e+00	42	3173 23.3	81
## 2381 47	0.000000e+00	NA	9983 22.9	82
## 2382 49	0.000000e+00	NA	17298 22.4	82
## 2383 49	0.000000e+00	NA	115 22.0	83
## 2384 41	0.000000e+00	NA	13 21.5	84
## 2385 4	0.000000e+00	NA	1081 21.1	84

## 2386 4	0.000000e+00	NA	1149	2.7	84
## 2387 26	0.000000e+00	NA	7	2.2	83
## 2388 35	0.000000e+00	NA	0	19.8	82
## 2389 3	0.000000e+00	NA	12008	19.4	80
## 2390 4	0.000000e+00	NA	8257	19.0	78
## 2391 4	0.000000e+00	NA	9559	18.6	77
## 2392 33	0.000000e+00	NA	3571	18.2	75
## 2393 37	0.000000e+00	NA	3965	17.8	74
## 2394 75	0.000000e+00	75	17	51.1	52
## 2395 77	9.220507e+02	8	66	5.3	52
## 2396 73	9.785905e+02	7	25	49.5	54
## 2397 65	1.089955e+03	68	32	48.7	56
## 2398 69	1.237533e+02	76	92	47.9	58
## 2399 72	1.038886e+03	71	12499	47.2	62
## 2400 75	7.825987e+02	74	5857	46.4	70
## 2401 77	7.800336e+02	76	39	45.7	75
## 2402 79	8.054901e+02	83	31	45.0	79
## 2403 79	7.321255e+02	83	81	44.3	82
## 2404 75	7.093171e+02	79	615	43.6	84
## 2405 73	6.220438e+02	76	830	42.9	83
## 2406 7	5.191564e+02	71	244	42.2	82
## 2407 7	3.465316e+02	72	1043	41.6	79
## 2408 71	3.652586e+02	72	1166	4.9	76
## 2409 71	4.596381e+01	73	1459	4.1	73
## 2410 41	0.000000e+00	31	878	NA	39

## 2411 44	4.607447e+01	NA	441	NA	39
## 2412 5	4.744453e+01	NA	525	NA	40
## 2413 64	3.833823e+01	NA	1952	NA	40
## 2414 66	0.000000e+00	NA	1256	NA	41
## 2415 NA	0.000000e+00	NA	0	NA	41
## 2416 NA	0.000000e+00	NA	0	NA	42
## 2417 NA	0.000000e+00	NA	0	NA	42
## 2418 NA	0.000000e+00	NA	0	NA	43
## 2419 NA	0.000000e+00	NA	0	NA	43
## 2420 NA	0.000000e+00	NA	0	NA	44
## 2421 NA	0.000000e+00	NA	0	NA	45
## 2422 NA	0.000000e+00	NA	0	NA	46
## 2423 NA	0.000000e+00	NA	0	NA	48
## 2424 NA	0.000000e+00	NA	0	NA	49
## 2425 NA	0.000000e+00	NA	0	NA	50
## 2426 97	0.000000e+00	97	115	66.6	1
## 2427 97	4.298848e+01	96	154	66.0	1
## 2428 96	4.236805e+02	95	131	65.4	2
## 2429 97	4.255782e+03	96	1204	64.8	2
## 2430 97	4.873819e+03	97	3802	64.1	2
## 2431 97	5.787417e+02	97	302	63.5	2
## 2432 96	5.047254e+03	96	41	62.9	2
## 2433 97	5.596535e+03	97	297	62.3	2
## 2434 96	5.109327e+02	96	267	61.7	2
## 2435 98	4.460390e+03	97	362	61.1	2

## 2436 96	4.054476e+02	96	22	6.5	2
## 2437 97	3.715370e+03	97	26	59.9	2
## 2438 99	3.205020e+03	81	256	59.3	2
## 2439 98	2.283543e+02	82	67	58.8	2
## 2440 95	2.044170e+03	83	0	58.2	2
## 2441 95	1.934398e+03	77	152	57.6	2
## 2442 99	0.000000e+00	99	1568	23.4	3
## 2443 99	4.273083e+01	99	1686	22.7	3
## 2444 99	4.162054e+01	99	2107	21.9	3
## 2445 99	2.076877e+01	99	51	21.2	4
## 2446 99	2.083302e+01	99	60	2.5	4
## 2447 99	1.917268e+02	99	79	19.8	4
## 2448 97	1.339092e+01	97	21	19.2	4
## 2449 98	1.781424e+01	98	33	18.5	4
## 2450 98	1.276378e+02	98	44	17.9	5
## 2451 98	1.202472e+02	98	0	17.2	5
## 2452 99	9.776637e+01	99	3	16.6	5
## 2453 97	1.535342e+01	62	35	16.1	10
## 2454 98	7.242809e+01	32	65	15.6	5
## 2455 98	5.963596e+01	NA	139	15.1	5
## 2456 98	5.361279e+01	NA	309	14.6	6
## 2457 99	6.049098e+01	NA	16527	14.1	6
## 2458 93	0.000000e+00	93	3585	NA	85
## 2459 94	2.536087e+02	94	676	NA	86
## 2460 93	2.278353e+02	93	2813	NA	88

## 2461 92	2.205222e+02	92	8523	NA	89
## 2462 93	1.966892e+02	93	5616	NA	91
## 2463 9	1.720098e+02	75	680	NA	92
## 2464 81	1.705369e+01	72	68	NA	94
## 2465 85	1.286363e+02	78	129	NA	95
## 2466 84	8.613167e+01	78	327	NA	97
## 2467 77	6.033686e+01	6	228	NA	99
## 2468 78	3.759040e+01	22	1374	NA	101
## 2469 74	3.704480e+01	NA	9562	NA	102
## 2470 69	3.535265e+01	NA	4381	NA	104
## 2471 6	3.062288e+01	NA	4529	NA	106
## 2472 66	2.888070e+01	NA	4362	NA	108
## 2473 62	3.086001e+01	NA	2875	NA	109
## 2474 89	0.000000e+00	89	0	58.3	0
## 2475 85	1.132433e+03	85	0	57.7	0
## 2476 86	1.122973e+03	86	0	57.0	0
## 2477 84	1.168324e+03	84	0	56.3	0
## 2478 86	9.891264e+02	86	0	55.5	0
## 2479 96	9.908095e+01	86	0	54.8	0
## 2480 85	8.850740e+02	87	0	54.1	0
## 2481 85	8.154356e+02	84	0	53.3	0
## 2482 84	6.850299e+02	84	0	52.6	0
## 2483 84	7.280017e+01	84	0	51.8	0
## 2484 84	4.189207e+02	83	0	51.1	0
## 2485 84	4.232577e+00	NA	0	5.4	0

## 2486	3.236621e+01	NA	0 49.7	0
74				
## 2487	2.507112e+02	NA	0 49.0	0
74				
## 2488	1.912135e+02	NA	0 48.3	0
65				
## 2489	2.681838e+02	NA	0 47.6	0
7				
## 2490	0.000000e+00	9	0 32.3	3
84				
## 2491	5.743895e+02	98	0 31.8	3
98				
## 2492	7.089557e+02	98	0 31.2	3
98				
## 2493	7.202334e+02	95	0 3.7	3
92				
## 2494	7.357091e+02	91	0 3.2	3
85				
## 2495	5.693671e+01	89	313 29.7	4
89				
## 2496	4.761645e+01	88	26 29.3	4
89				
## 2497	4.130063e+02	9	1 28.9	4
89				
## 2498	4.336650e+01	92	0 28.5	4
88				
## 2499	4.370802e+02	93	0 28.2	4
88				
## 2500	3.721651e+02	95	0 27.8	4
88				
## 2501	3.743858e+01	93	0 27.4	4
88				
## 2502	2.819124e+00	9	350 27.1	4
87				
## 2503	1.310421e+02	88	37 26.7	4
87				
## 2504	1.436197e+02	86	49 26.3	4
87				
## 2505	2.521683e+01	83	10 25.9	4
87				
## 2506	0.000000e+00	67	22 59.5	0
98				
## 2507	1.142212e+03	67	26 59.0	0
98				
## 2508	1.212666e+03	67	51 58.5	0
98				
## 2509	1.094702e+04	53	30 58.1	0
98				
## 2510	1.147767e+04	42	26 57.7	0
98				

## 2511	7.782477e+02	NA	6 57.3	0
98				
## 2512	6.821071e+02	NA	3 56.9	0
98				
## 2513	8.105591e+03	NA	25 56.5	0
98				
## 2514	7.593392e+03	NA	1 56.1	0
98				
## 2515	6.369516e+03	NA	19 55.7	0
98				
## 2516	5.990392e+02	NA	13 55.3	0
98				
## 2517	5.793364e+03	NA	5 54.9	0
99				
## 2518	5.067411e+03	NA	3 54.4	0
99				
## 2519	3.998100e+03	NA	9 53.9	0
99				
## 2520	3.554546e+03	NA	5 53.4	0
99				
## 2521	3.689727e+03	NA	59 52.8	0
99				
## 2522	0.000000e+00	NA	35 57.4	0
97				
## 2523	1.947991e+04	NA	23 57.0	0
96				
## 2524	1.909905e+04	NA	175 56.6	0
96				
## 2525	1.837933e+04	NA	61 56.2	0
96				
## 2526	1.882287e+04	NA	621 55.8	0
96				
## 2527	2.198591e+03	NA	77 55.4	0
96				
## 2528	1.471483e+04	NA	958 55.0	0
96				
## 2529	2.084256e+03	NA	2022 54.6	0
96				
## 2530	1.189233e+04	NA	1015 54.1	0
94				
## 2531	1.059808e+04	NA	0 53.7	0
94				
## 2532	1.005535e+04	NA	60 53.2	0
94				
## 2533	9.495541e+03	NA	39 52.8	0
95				
## 2534	8.422768e+02	NA	574 52.3	0
95				
## 2535	6.853628e+03	NA	0 51.8	0
95				

## 2536 95	6.478346e+03	NA	700 51.3	0
## 2537 95	5.834582e+03	NA	0 5.8	0
## 2538 5	0.000000e+00	41	45 57.1	8
## 2539 52	0.000000e+00	47	594 56.2	8
## 2540 5	0.000000e+00	71	740 55.2	9
## 2541 47	0.000000e+00	43	13 54.2	9
## 2542 6	0.000000e+00	66	13 53.2	8
## 2543 83	0.000000e+00	84	26 52.3	9
## 2544 83	0.000000e+00	84	22 51.3	9
## 2545 83	0.000000e+00	83	19 5.4	9
## 2546 83	1.798136e+01	83	403 49.4	9
## 2547 83	1.226523e+02	83	517 48.5	10
## 2548 83	1.162586e+02	83	375 47.6	10
## 2549 84	1.021130e+01	82	189 46.8	10
## 2550 85	9.475639e+01	81	801 46.0	11
## 2551 86	9.170357e+01	8	538 45.3	11
## 2552 83	9.350075e+01	8	290 44.6	11
## 2553 86	8.172747e+01	79	146 43.9	12
## 2554 96	0.000000e+00	96	3 4.7	11
## 2555 94	7.829009e+00	97	0 39.9	11
## 2556 97	1.041916e+00	96	1 39.0	11
## 2557 96	7.150892e+01	94	16 38.2	12
## 2558 97	5.199192e+01	96	1 37.4	12
## 2559 95	4.334100e+01	93	0 36.6	12
## 2560 93	3.571614e+01	93	0 35.9	12

## 2561 87	4.153363e+00	86	0 35.3	12
## 2562 85	2.272405e+00	84	2 34.7	12
## 2563 76	2.626235e+00	88	3 34.1	12
## 2564 79	1.983672e+01	81	0 33.5	12
## 2565 82	2.093722e+00	81	4 33.0	13
## 2566 82	1.325724e+01	58	2144 32.5	14
## 2567 84	1.068147e+01	39	927 32.1	15
## 2568 84	1.142004e+00	NA	38 31.6	16
## 2569 86	8.943006e+00	NA	192 31.3	17
## 2570 99	0.000000e+00	99	154 33.6	9
## 2571 99	7.890773e+02	99	0 32.4	10
## 2572 99	7.886873e+02	99	2641 31.3	10
## 2573 99	8.010505e+02	98	5197 3.1	11
## 2574 99	7.484451e+02	98	3156 29.0	11
## 2575 99	7.168509e+01	98	2583 27.9	12
## 2576 99	5.472101e+02	98	6071 26.8	12
## 2577 99	6.099512e+02	98	7790 25.7	13
## 2578 98	5.207639e+02	96	3893 24.6	14
## 2579 98	4.339211e+02	96	3588 23.6	15
## 2580 98	3.211953e+02	96	3526 22.6	15
## 2581 98	3.013598e+02	96	4165 21.7	16
## 2582 98	2.828365e+02	96	4519 2.9	18
## 2583 97	2.763810e+01	95	10315 2.2	19
## 2584 97	1.760625e+02	95	7319 19.4	20
## 2585 97	2.756483e-01	95	4074 18.7	21

## 2586 92	0.000000e+00	92	1 6.3	0
## 2587 96	0.000000e+00	97	116 59.7	0
## 2588 98	0.000000e+00	97	4 59.1	0
## 2589 97	0.000000e+00	98	7 58.5	0
## 2590 97	0.000000e+00	96	701 57.9	0
## 2591 95	0.000000e+00	9	217 57.4	0
## 2592 96	0.000000e+00	95	5 56.9	0
## 2593 96	0.000000e+00	97	27 56.4	0
## 2594 96	0.000000e+00	96	1 55.9	0
## 2595 92	0.000000e+00	89	3 55.4	0
## 2596 98	0.000000e+00	53	5 54.9	0
## 2597 95	0.000000e+00	NA	9 54.5	0
## 2598 96	0.000000e+00	NA	18 54.1	0
## 2599 97	0.000000e+00	NA	19 53.6	0
## 2600 91	0.000000e+00	NA	27 53.2	0
## 2601 96	0.000000e+00	NA	36 52.7	0
## 2602 75	0.000000e+00	76	43 17.4	2
## 2603 76	2.814579e+01	77	47 17.0	2
## 2604 82	3.379875e+00	82	4 16.6	2
## 2605 83	3.017999e+01	83	16 16.2	2
## 2606 66	2.726571e+00	67	763 15.8	3
## 2607 72	3.858377e+01	72	50 15.5	3
## 2608 78	3.619949e+01	72	10 15.1	3
## 2609 79	3.669199e+01	79	0 14.7	3
## 2610 7	1.175767e+01	NA	0 14.2	3

## 2611 62	2.812560e+01	NA	90 13.9	3
## 2612 55	7.127145e+00	NA	203 13.5	3
## 2613 57	8.415789e+00	NA	41 13.2	3
## 2614 55	4.639133e+01	NA	94 12.9	4
## 2615 38	5.649123e+00	NA	0 12.6	4
## 2616 NA	6.556583e+00	NA	0 12.3	4
## 2617 NA	4.906967e+01	NA	0 11.9	4
## 2618 88	0.000000e+00	88	20 24.3	20
## 2619 85	4.877350e+00	87	577 23.7	20
## 2620 84	4.873047e+01	84	564 23.1	20
## 2621 84	4.160028e+01	84	238 22.6	21
## 2622 85	3.908259e+01	85	187 22.0	21
## 2623 83	4.196145e+01	83	120 21.4	21
## 2624 78	7.709551e+01	78	425 2.9	22
## 2625 8	6.935925e+01	24	187 2.4	22
## 2626 72	6.756829e-01	NA	8 19.8	22
## 2627 85	6.226049e+00	NA	26 19.3	22
## 2628 8	3.662174e+01	NA	38 18.9	22
## 2629 71	3.989928e+00	NA	61 18.4	22
## 2630 72	2.995960e+00	NA	295 17.9	22
## 2631 58	1.995183e+00	NA	363 17.5	22
## 2632 51	2.048575e+00	NA	1833 17.1	22
## 2633 63	2.029644e+00	NA	3578 16.6	22
## 2634 8	0.000000e+00	78	0 75.2	0
## 2635 82	5.659672e+02	8	0 74.8	0

## 2636	5.849450e+02	82	0 74.3	0
84				
## 2637	6.380295e+01	77	0 73.8	0
79				
## 2638	7.033981e+00	82	0 73.3	0
84				
## 2639	4.718308e+02	82	0 72.7	0
84				
## 2640	4.783806e+00	84	0 72.1	0
86				
## 2641	5.696255e+02	84	0 71.5	0
88				
## 2642	5.688693e+02	87	0 7.8	0
88				
## 2643	5.035882e+02	89	0 7.1	0
89				
## 2644	6.899440e+02	89	0 69.4	0
9				
## 2645	4.232954e+02	9	0 68.6	0
91				
## 2646	4.585106e+01	85	0 67.8	0
91				
## 2647	3.108203e+02	88	0 67.0	0
85				
## 2648	3.301007e+02	91	4 66.2	0
91				
## 2649	4.049129e+01	93	0 65.5	0
91				
## 2650	0.000000e+00	9	0 47.1	0
88				
## 2651	1.578872e+03	92	0 46.0	0
94				
## 2652	1.672658e+02	92	0 45.0	0
94				
## 2653	1.486236e+03	92	0 44.0	0
91				
## 2654	1.449851e+02	9	0 43.0	0
91				
## 2655	1.389773e+03	9	0 42.0	0
91				
## 2656	1.280896e+02	9	0 41.1	0
9				
## 2657	1.902693e+03	9	0 4.2	0
91				
## 2658	1.368837e+02	89	0 39.3	0
9				
## 2659	1.033711e+02	89	0 38.4	0
89				
## 2660	1.187949e+03	95	0 37.6	0
95				

## 2661 94	1.185100e+01	94	0 36.8	0
## 2662 91	7.872216e+01	76	0 36.0	1
## 2663 96	7.203912e+01	5	0 35.2	1
## 2664 91	5.167112e+02	NA	0 34.4	1
## 2665 9	4.359523e+01	NA	0 33.6	1
## 2666 98	0.000000e+00	98	16 61.2	3
## 2667 98	6.048701e+02	98	15 6.2	3
## 2668 98	5.946453e+02	98	16 59.3	3
## 2669 97	5.858777e+02	97	48 58.3	3
## 2670 98	6.232120e+02	98	11 57.4	3
## 2671 98	6.485617e+01	98	1 56.5	3
## 2672 99	5.856308e+02	99	1 55.6	3
## 2673 99	5.308452e+01	99	2 54.7	3
## 2674 98	4.696283e+02	98	4 53.9	4
## 2675 99	4.201154e+02	99	3 53.1	4
## 2676 98	3.795140e+02	97	15 52.2	4
## 2677 97	3.797659e+02	96	1 51.4	4
## 2678 95	3.217694e+02	92	22 5.6	4
## 2679 96	2.628185e+02	93	98 49.7	5
## 2680 98	2.572879e+02	94	231 48.9	5
## 2681 97	2.647842e+02	94	47 48.1	5
## 2682 97	0.000000e+00	97	342 66.1	18
## 2683 96	1.819084e+02	96	565 65.3	19
## 2684 98	1.881440e+02	97	7405 64.5	20
## 2685 97	2.075120e+01	97	349 63.7	22

## 2686 97	1.275878e+03	96	111 62.8	23
## 2687 97	3.278236e+01	96	7 61.9	25
## 2688 96	1.069483e+02	94	4 61.1	27
## 2689 96	2.267272e+01	92	0 6.2	29
## 2690 96	1.155801e+02	96	3 59.3	31
## 2691 9	1.035238e+02	82	34 58.5	34
## 2692 9	8.329552e+02	85	6200 57.6	36
## 2693 85	1.132767e+00	77	8927 56.8	39
## 2694 69	4.591113e+02	68	5844 55.9	43
## 2695 78	3.555729e+01	72	7823 55.1	46
## 2696 88	2.564342e+02	77	30509 54.3	50
## 2697 85	4.212957e+02	71	16244 53.5	54
## 2698 99	0.000000e+00	99	0 48.6	7
## 2699 98	6.911334e+02	97	0 47.7	8
## 2700 98	6.374811e+01	98	0 46.7	8
## 2701 98	5.794128e+02	98	0 45.9	8
## 2702 97	4.904181e+02	97	0 45.0	8
## 2703 96	3.853252e+02	96	0 44.2	8
## 2704 97	3.788466e+01	97	0 43.4	8
## 2705 96	3.423979e+01	96	0 42.7	8
## 2706 98	3.586514e-01	98	59 42.0	8
## 2707 98	2.927235e+01	98	48 41.3	8
## 2708 99	2.198886e+00	99	0 4.7	8
## 2709 98	1.861014e+02	96	1 4.0	8
## 2710 66	1.796156e+02	97	1 39.4	8

## 2711 99	1.303785e+02	96	11 38.7	8
## 2712 94	1.061807e+02	NA	9 38.1	9
## 2713 98	8.824363e+01	NA	113 37.5	9
## 2714 9	7.828120e+01	9	0 79.3	0
## 2715 82	0.000000e+00	78	478 18.5	93
## 2716 82	1.416770e+01	78	314 18.1	97
## 2717 82	9.076144e+01	78	7878 17.6	103
## 2718 82	9.288698e+01	78	2027 17.2	109
## 2719 82	9.449687e+01	82	3312 16.7	114
## 2720 79	1.162030e+02	8	1313 16.3	119
## 2721 78	8.704535e+01	79	1601 15.9	124
## 2722 69	7.285024e+01	71	1319 15.6	130
## 2723 7	6.002528e+00	73	3776 15.2	137
## 2724 62	5.083901e+01	64	5736 14.8	145
## 2725 59	4.452614e+01	64	22 14.5	155
## 2726 58	3.660609e+01	62	141 14.2	164
## 2727 57	4.426792e+00	44	29429 13.9	173
## 2728 57	2.690898e+00	29	49871 13.6	181
## 2729 56	2.697625e+01	NA	48543 13.3	187
## 2730 55	2.259447e+01	NA	42554 13.0	191
## 2731 51	0.000000e+00	22	105 61.3	5
## 2732 45	5.663849e+00	22	0 6.7	5
## 2733 72	5.242530e+01	46	0 6.1	5
## 2734 72	4.537831e+02	46	12746 59.6	5
## 2735 54	4.151628e+02	21	1333 59.0	5

## 2736 57	3.756835e+02	48	39 58.5	6
## 2737 74	3.245491e+02	66	0 58.0	6
## 2738 91	4.564587e+02	84	48 57.6	6
## 2739 98	4.619685e+01	92	1005 57.2	6
## 2740 99	2.938173e+01	96	42724 56.8	6
## 2741 95	2.174345e+02	97	2392 56.4	6
## 2742 99	1.803538e+02	98	146 56.1	6
## 2743 99	2.122386e+01	77	411 55.7	6
## 2744 99	1.157390e+02	48	7587 55.4	7
## 2745 99	8.897421e+00	7	16970 55.1	7
## 2746 99	7.883791e+00	4	817 54.8	8
## 2747 99	0.000000e+00	99	347 64.2	1
## 2748 99	3.862683e+03	99	344 62.4	1
## 2749 98	3.772009e+02	98	0 6.5	1
## 2750 96	3.663765e+03	96	132 58.6	1
## 2751 95	3.877750e+02	95	0 57.1	1
## 2752 94	3.080661e+02	94	87 55.8	1
## 2753 94	2.924023e+02	93	0 55.1	1
## 2754 94	4.003909e+03	92	55 54.8	1
## 2755 94	3.759457e+03	92	0 55.1	1
## 2756 94	3.749942e+03	92	0 55.8	1
## 2757 94	3.427320e+03	92	29 56.6	1
## 2758 94	2.972449e+03	92	22 57.0	1
## 2759 94	2.771818e+02	92	42 56.8	1
## 2760 94	2.598843e+03	92	53 56.0	1

## 2761 94	2.437539e+02	92	30 55.0	1
## 2762 94	2.629590e+02	92	69 54.1	1
## 2763 96	0.000000e+00	NA	91 66.6	4
## 2764 95	0.000000e+00	NA	133 66.0	4
## 2765 95	0.000000e+00	NA	1919 65.4	4
## 2766 95	0.000000e+00	NA	2092 64.8	4
## 2767 95	0.000000e+00	NA	1112 64.2	4
## 2768 94	0.000000e+00	NA	443 63.6	4
## 2769 93	0.000000e+00	NA	1212 63.1	4
## 2770 92	0.000000e+00	NA	1445 62.5	4
## 2771 92	0.000000e+00	NA	1022 61.9	4
## 2772 92	0.000000e+00	NA	764 61.3	4
## 2773 91	0.000000e+00	NA	79 6.7	4
## 2774 92	0.000000e+00	NA	189 6.1	4
## 2775 91	0.000000e+00	NA	460 59.5	4
## 2776 91	0.000000e+00	NA	314 58.8	4
## 2777 91	0.000000e+00	NA	73 58.2	4
## 2778 91	0.000000e+00	NA	104 57.5	5
## 2779 96	0.000000e+00	98	30 23.8	119
## 2780 97	0.000000e+00	97	88 23.2	121
## 2781 91	0.000000e+00	91	185 22.5	124
## 2782 9	0.000000e+00	92	1668 21.9	126
## 2783 88	0.000000e+00	9	1622 21.3	128
## 2784 94	0.000000e+00	91	167 2.7	131
## 2785 88	0.000000e+00	85	1574 2.2	135

## 2786 89	0.000000e+00	86	3413 19.6	138
## 2787 88	0.000000e+00	83	7726 19.1	141
## 2788 91	0.000000e+00	9	2362 18.6	145
## 2789 91	0.000000e+00	9	23 18.1	149
## 2790 95	0.000000e+00	95	1419 17.7	154
## 2791 97	0.000000e+00	95	1673 17.2	160
## 2792 91	0.000000e+00	89	5131 16.8	166
## 2793 65	0.000000e+00	NA	11847 16.4	173
## 2794 64	0.000000e+00	NA	14649 16.0	181
## 2795 93	0.000000e+00	92	188 69.6	26
## 2796 93	0.000000e+00	92	667 69.1	27
## 2797 93	0.000000e+00	91	187 68.6	27
## 2798 93	0.000000e+00	9	55 68.0	28
## 2799 94	0.000000e+00	91	220 67.5	29
## 2800 93	0.000000e+00	92	63 66.9	30
## 2801 93	0.000000e+00	92	71 66.3	31
## 2802 94	0.000000e+00	94	140 65.7	31
## 2803 93	0.000000e+00	93	43 65.1	32
## 2804 93	0.000000e+00	93	55 64.4	33
## 2805 92	0.000000e+00	93	66 63.8	33
## 2806 92	0.000000e+00	92	37 63.1	33
## 2807 91	0.000000e+00	92	56 62.4	33
## 2808 9	0.000000e+00	88	41 61.7	33
## 2809 89	0.000000e+00	89	116 6.9	33
## 2810 9	0.000000e+00	9	85 6.1	33

## 2811	0.000000e+00	95	0 64.0	0
95				
## 2812	4.636398e+02	95	0 63.4	0
95				
## 2813	4.828039e+02	94	0 62.9	0
94				
## 2814	3.397190e+02	95	0 62.3	0
95				
## 2815	4.179117e+02	95	0 61.8	1
95				
## 2816	2.331533e+03	95	0 61.2	1
95				
## 2817	1.871737e+03	95	0 6.7	1
95				
## 2818	2.473142e+01	94	0 6.1	1
94				
## 2819	1.447306e+01	94	0 59.5	1
94				
## 2820	1.712226e+03	95	0 58.9	1
95				
## 2821	1.525448e+02	96	0 58.3	1
96				
## 2822	8.823564e+02	94	0 57.7	1
95				
## 2823	1.608400e+02	91	0 57.0	1
91				
## 2824	2.746881e+01	95	0 56.3	1
93				
## 2825	4.214804e+02	94	0 55.7	1
94				
## 2826	6.459584e+02	92	0 55.0	1
92				
## 2827	0.000000e+00	99	22 44.7	17
99				
## 2828	4.428024e-01	99	8 43.9	18
99				
## 2829	1.916247e+01	99	0 43.0	19
99				
## 2830	1.671406e+01	99	0 42.2	21
99				
## 2831	1.406905e+02	99	476 41.4	22
99				
## 2832	1.194571e+02	99	117 4.7	23
99				
## 2833	9.281480e+01	98	0 4.0	24
99				
## 2834	1.389021e+01	91	2 39.3	25
98				
## 2835	9.290984e+00	99	863 38.7	26
98				

## 2836 94	7.727092e+01	98	823 38.1	27
## 2837 99	4.013342e+01	99	737 37.5	28
## 2838 99	3.441887e+01	99	75 37.0	29
## 2839 99	2.852136e+01	99	85 36.4	30
## 2840 99	2.499439e+01	62	25 35.9	32
## 2841 99	4.366386e+01	NA	22 35.3	34
## 2842 99	4.850942e+01	NA	80 34.8	36
## 2843 65	0.000000e+00	64	39 53.3	0
## 2844 65	5.648167e+02	64	10 52.5	0
## 2845 65	4.475456e+02	64	0 51.7	0
## 2846 65	4.279885e+02	64	0 5.8	0
## 2847 65	4.579732e+02	63	0 49.9	0
## 2848 66	4.718627e+02	62	0 49.1	0
## 2849 66	3.610941e+02	62	0 48.2	0
## 2850 66	3.453391e+02	61	0 47.4	0
## 2851 67	3.424909e+02	6	0 46.6	0
## 2852 67	4.319781e+01	59	0 45.7	0
## 2853 67	3.372943e+02	61	3 44.9	0
## 2854 67	3.341673e+02	63	0 44.1	0
## 2855 67	2.729839e+01	64	165 43.3	0
## 2856 67	1.711374e+02	66	101 42.6	0
## 2857 67	1.631053e+02	68	7 41.9	0
## 2858 67	2.190075e+01	7	9 41.1	0
## 2859 87	0.000000e+00	87	0 62.1	10
## 2860 79	0.000000e+00	78	0 61.5	10

## 2861	0.000000e+00	82	0 61.0	10
82				
## 2862	0.000000e+00	81	1 6.4	10
73				
## 2863	0.000000e+00	78	0 59.9	10
78				
## 2864	0.000000e+00	78	0 59.3	10
74				
## 2865	0.000000e+00	84	0 58.8	10
75				
## 2866	0.000000e+00	53	0 58.2	10
76				
## 2867	0.000000e+00	62	32 57.6	10
67				
## 2868	0.000000e+00	71	78 57.1	11
73				
## 2869	0.000000e+00	88	0 56.5	11
8				
## 2870	0.000000e+00	82	0 55.9	11
83				
## 2871	0.000000e+00	72	0 55.3	12
86				
## 2872	0.000000e+00	6	2392 54.7	12
81				
## 2873	0.000000e+00	53	115 54.1	12
87				
## 2874	0.000000e+00	5	22 53.4	13
86				
## 2875	0.000000e+00	97	256 17.5	35
97				
## 2876	0.000000e+00	95	15033 16.7	35
96				
## 2877	0.000000e+00	59	1123 16.0	35
93				
## 2878	0.000000e+00	97	578 15.3	36
97				
## 2879	0.000000e+00	95	750 14.7	36
96				
## 2880	0.000000e+00	88	2809 14.0	35
94				
## 2881	0.000000e+00	94	6582 13.4	35
97				
## 2882	0.000000e+00	87	352 12.9	35
93				
## 2883	0.000000e+00	67	17 12.3	35
92				
## 2884	0.000000e+00	93	1978 11.8	35
94				
## 2885	0.000000e+00	94	410 11.3	36
94				

## 2886 96	0.000000e+00	94	217	1.9	36
## 2887 96	0.000000e+00	78	2297	1.4	37
## 2888 92	0.000000e+00	NA	6755	1.0	39
## 2889 96	0.000000e+00	NA	12058	9.6	41
## 2890 96	0.000000e+00	NA	16512	9.2	43
## 2891 63	0.000000e+00	69	468	41.3	47
## 2892 67	0.000000e+00	73	815	4.4	47
## 2893 67	0.000000e+00	73	400	39.6	46
## 2894 68	0.000000e+00	67	2177	38.7	46
## 2895 69	0.000000e+00	69	2676	37.9	45
## 2896 77	0.000000e+00	76	510	37.2	45
## 2897 76	0.000000e+00	76	130	36.4	46
## 2898 78	0.000000e+00	78	7	35.7	47
## 2899 79	0.000000e+00	79	13	35.1	49
## 2900 78	0.000000e+00	78	8079	34.5	51
## 2901 8	0.000000e+00	8	6285	33.9	53
## 2902 72	0.000000e+00	43	12708	33.3	56
## 2903 61	0.000000e+00	38	8536	32.7	58
## 2904 64	0.000000e+00	31	890	32.2	61
## 2905 73	0.000000e+00	19	485	31.7	63
## 2906 74	0.000000e+00	14	0	31.2	66
## 2907 9	0.000000e+00	9	9	23.4	40
## 2908 78	1.966676e+02	86	9	22.8	41
## 2909 74	2.062306e+01	79	35	22.3	42
## 2910 7	1.969152e+02	78	896	21.7	43

## 2911 83	1.830462e+02	81	13234	21.2	44
## 2912 8	1.843649e+02	83	15754	2.7	45
## 2913 93	1.438699e+02	94	26	2.2	47
## 2914 9	1.536784e+02	87	140	19.7	49
## 2915 77	1.085148e+01	8	535	19.2	51
## 2916 83	1.860004e+00	81	459	18.8	52
## 2917 84	1.218793e+02	82	45	18.4	55
## 2918 84	8.369852e+00	NA	35	18.0	59
## 2919 85	6.578997e+01	NA	881	17.6	62
## 2920 85	5.404348e+01	NA	25036	17.3	66
## 2921 86	4.683027e+01	NA	16997	17.1	70
## 2922 85	4.561688e+01	NA	30930	16.8	72
## 2923 88	0.000000e+00	87	0	31.8	32
## 2924 92	1.082260e+01	91	0	31.3	34
## 2925 95	1.066671e+01	95	0	3.8	36
## 2926 95	9.260234e+01	97	0	3.3	39
## 2927 93	6.375053e+01	94	0	29.9	42
## 2928 89	5.330858e+01	9	9696	29.4	44
## 2929 69	1.040021e+00	73	853	29.0	45
## 2930 75	2.084343e+01	75	0	28.6	46
## 2931 73	2.981457e+01	72	242	28.2	46
## 2932 71	3.426217e+01	68	212	27.9	45
## 2933 69	8.717409e+00	65	420	27.5	43
## 2934 67	0.000000e+00	68	31	27.1	42
## 2935 7	0.000000e+00	7	998	26.7	41

## 2936	0.000000e+00	73	304 26.3	40	
73					
## 2937	0.000000e+00	76	529 25.9	39	
76					
## 2938	0.000000e+00	79	1483 25.5	39	
78					
##	Total.expenditure	Diphtheria	HIV.AIDS	GDP	Population
## 1	8.16	65	0.1 5.842592e+02	3.373649e+07	
## 2	8.18	62	0.1 6.126965e+02	3.275820e+05	
## 3	8.13	64	0.1 6.317450e+02	3.173169e+07	
## 4	8.52	67	0.1 6.699590e+02	3.696958e+06	
## 5	7.87	68	0.1 6.353723e+01	2.978599e+06	
## 6	9.20	66	0.1 5.533289e+02	2.883167e+06	
## 7	9.42	63	0.1 4.458933e+02	2.843310e+05	
## 8	8.33	64	0.1 3.733611e+02	2.729431e+06	
## 9	6.73	63	0.1 3.698358e+02	2.661679e+07	
## 10	7.43	58	0.1 2.725638e+02	2.589345e+06	
## 11	8.70	58	0.1 2.529413e+01	2.577980e+05	
## 12	8.79	5	0.1 2.191414e+02	2.411898e+07	
## 13	8.82	41	0.1 1.987285e+02	2.364851e+06	
## 14	7.76	36	0.1 1.878459e+02	2.197992e+07	
## 15	7.80	33	0.1 1.174970e+02	2.966463e+06	
## 16	8.20	24	0.1 1.145600e+02	2.937560e+05	
## 17	6.00	99	0.1 3.954228e+03	2.887300e+04	
## 18	5.88	98	0.1 4.575764e+03	2.889140e+05	
## 19	5.66	99	0.1 4.414723e+03	2.895920e+05	
## 20	5.59	99	0.1 4.247614e+03	2.941000e+03	
## 21	5.71	99	0.1 4.437179e+03	2.951950e+05	
## 22	5.34	99	0.1 4.943588e+02	2.913210e+05	
## 23	5.79	98	0.1 4.114137e+03	2.927519e+06	
## 24	5.87	99	0.1 4.375396e+02	2.947314e+06	
## 25	6.10	98	0.1 3.631368e+02	2.971700e+04	
## 26	5.86	97	0.1 3.512930e+01	2.992547e+06	
## 27	6.12	98	0.1 2.791429e+02	3.114870e+05	
## 28	6.38	97	0.1 2.416588e+03	3.269390e+05	
## 29	6.27	97	0.1 1.896816e+02	3.396160e+05	
## 30	6.30	98	0.1 1.453643e+03	3.511000e+03	
## 31	6.00	97	0.1 1.326973e+03	3.617300e+04	
## 32	6.26	97	0.1 1.175789e+03	3.892700e+04	
## 33	NA	95	0.1 4.132763e+03	3.987153e+07	
## 34	7.21	95	0.1 5.478517e+02	3.911331e+07	
## 35	7.12	95	0.1 5.471867e+03	3.833856e+07	
## 36	6.14	95	0.1 5.564826e+03	3.756585e+07	
## 37	5.29	95	0.1 5.432252e+03	3.681956e+07	
## 38	5.12	95	0.1 4.463395e+03	3.611764e+07	
## 39	5.36	95	0.1 3.868831e+03	3.546576e+06	
## 40	4.20	93	0.1 4.952549e+02	3.486715e+06	
## 41	3.82	95	0.1 3.935183e+03	3.437600e+04	
## 42	3.36	95	0.1 3.464618e+03	3.377792e+07	
## 43	3.24	88	0.1 3.112238e+01	3.328844e+07	

## 44	3.54	86	0.1	2.598982e+03	3.283196e+06
## 45	3.60	87	0.1	2.943356e+02	3.243514e+06
## 46	3.73	86	0.1	1.774337e+03	3.199546e+06
## 47	3.84	89	0.1	1.732858e+03	3.159215e+07
## 48	3.49	86	0.1	1.757178e+03	3.118366e+06
## 49	NA	64	1.9	3.695794e+03	2.785935e+06
## 50	3.31	64	2.0	4.793122e+02	2.692466e+06
## 51	4.26	77	2.3	4.846169e+02	2.599834e+06
## 52	3.30	75	2.6	4.598250e+03	2.596150e+05
## 53	3.38	71	2.5	4.299129e+03	2.421857e+07
## 54	3.39	77	2.5	3.529535e+03	2.336913e+07
## 55	4.37	6	2.5	3.347845e+03	2.254955e+07
## 56	3.84	69	2.6	3.868579e+03	2.175942e+06
## 57	3.38	73	2.6	2.878837e+03	2.997687e+06
## 58	4.54	34	2.5	2.624151e+02	2.262399e+06
## 59	4.10	38	2.6	1.443992e+03	1.955254e+07
## 60	4.71	4	2.5	1.418684e+02	1.886572e+07
## 61	4.41	4	2.4	7.794684e+02	1.823369e+06
## 62	3.63	41	2.3	7.111817e+02	1.757265e+07
## 63	5.38	38	2.1	5.261687e+02	1.698327e+07
## 64	2.79	28	2.0	5.552969e+02	1.644924e+06
## 65	NA	99	0.2	1.356695e+04	NA
## 66	5.54	99	0.2	1.288830e+04	NA
## 67	5.33	99	0.2	1.222486e+04	NA
## 68	5.39	98	0.2	1.256544e+04	NA
## 69	5.65	99	0.1	1.192935e+04	NA
## 70	5.63	98	0.1	1.212688e+04	NA
## 71	4.86	99	0.1	1.312467e+03	NA
## 72	4.69	99	0.1	1.473319e+03	NA
## 73	4.27	99	0.1	1.425229e+04	NA
## 74	4.34	99	0.1	1.272439e+04	NA
## 75	4.41	99	0.1	1.137194e+04	NA
## 76	4.21	97	0.1	1.352837e+03	NA
## 77	4.53	99	0.1	9.739826e+03	NA
## 78	4.41	98	0.1	9.386716e+03	NA
## 79	4.48	97	0.1	9.358154e+03	NA
## 80	4.13	95	0.1	9.875162e+03	NA
## 81	NA	94	0.1	1.346712e+04	4.341777e+07
## 82	4.79	94	0.1	1.224526e+04	4.298152e+07
## 83	4.99	94	0.1	1.297664e+04	4.253993e+07
## 84	5.20	91	0.1	1.296977e+04	4.296739e+06
## 85	5.89	91	0.1	1.272698e+04	4.165688e+07
## 86	6.55	94	0.1	1.276265e+03	4.122389e+07
## 87	7.63	94	0.1	8.161370e+03	4.799470e+05
## 88	6.66	93	0.1	8.953359e+03	4.382389e+06
## 89	6.49	91	0.1	7.193618e+03	3.997224e+06
## 90	6.68	91	0.1	5.878761e+03	3.955889e+06
## 91	6.85	98	0.1	5.768838e+02	3.914549e+07
## 92	6.84	98	0.1	4.251574e+03	3.872870e+07
## 93	8.22	96	0.1	3.334376e+02	3.839379e+06

## 94	8.31	93	0.1 2.579193e+03 3.788937e+06
## 95	9.38	83	0.1 7.176947e+02 3.747159e+06
## 96	9.21	83	0.1 7.669274e+03 3.757452e+06
## 97	NA	94	0.1 3.696548e+02 2.916950e+05
## 98	4.48	93	0.1 3.994712e+03 2.962200e+04
## 99	4.55	95	0.1 3.843591e+03 2.893590e+05
## 100	4.48	95	0.1 3.684848e+03 2.881922e+06
## 101	3.71	95	0.1 3.526978e+03 2.875581e+06
## 102	4.56	94	0.1 3.218382e+03 2.877311e+06
## 103	4.55	93	0.1 2.993833e+03 2.888584e+06
## 104	3.80	89	0.1 4.126997e+01 2.982200e+04
## 105	4.31	88	0.1 3.138887e+03 2.933560e+05
## 106	4.58	87	0.1 2.158299e+03 2.958500e+04
## 107	5.25	9	0.1 1.643758e+03 2.981259e+06
## 108	5.50	91	0.1 1.191962e+03 3.612000e+03
## 109	5.56	94	0.1 9.316616e+01 3.178600e+04
## 110	5.40	94	0.1 7.832617e+02 3.338970e+05
## 111	5.94	94	0.1 6.944351e+02 3.565500e+04
## 112	6.25	93	0.1 6.227427e+02 3.695880e+05
## 113	NA	93	0.1 5.655439e+04 2.378934e+07
## 114	9.42	92	0.1 6.221469e+04 2.346694e+06
## 115	9.36	91	0.1 6.779234e+04 2.311735e+07
## 116	9.36	92	0.1 6.767763e+04 2.272825e+07
## 117	9.20	92	0.1 6.224513e+04 2.234240e+05
## 118	9.20	92	0.1 5.187485e+04 2.231750e+05
## 119	9.50	92	0.1 4.274300e+04 2.169170e+05
## 120	8.78	92	0.1 4.966469e+04 2.124920e+05
## 121	8.53	92	0.1 4.991983e+03 2.827600e+04
## 122	8.49	92	0.1 3.611828e+04 2.697900e+04
## 123	8.45	92	0.1 3.416715e+03 2.394800e+04
## 124	8.57	92	0.1 3.472380e+03 2.127400e+04
## 125	8.32	93	0.1 2.346539e+04 1.989540e+05
## 126	8.39	92	0.1 2.818176e+02 1.965140e+05
## 127	8.18	92	0.1 1.951784e+04 1.941300e+04
## 128	8.80	9	0.1 2.169921e+03 1.915300e+04
## 129	NA	93	0.1 4.366595e+04 8.633169e+06
## 130	11.21	98	0.1 5.132264e+04 8.541575e+06
## 131	11.14	95	0.1 5.547153e+02 8.479375e+06
## 132	11.17	92	0.1 4.833357e+04 8.429991e+06
## 133	1.94	89	0.1 5.112674e+04 8.391643e+06
## 134	11.17	86	0.1 4.665763e+04 8.363440e+05
## 135	11.19	83	0.1 4.765419e+04 8.343323e+06
## 136	1.60	83	0.1 5.138638e+04 8.321496e+06
## 137	1.40	85	0.1 4.658665e+04 8.295487e+06
## 138	1.35	83	0.1 4.439936e+02 8.268641e+06
## 139	1.53	86	0.1 3.824243e+04 8.227829e+06
## 140	1.56	83	0.1 3.669343e+04 8.171966e+06
## 141	1.48	84	0.1 3.212936e+03 8.121423e+06
## 142	1.27	83	0.1 2.635138e+04 8.819570e+05
## 143	1.12	84	0.1 2.448974e+04 8.422930e+05

## 144	1.60	81	0.1	2.451727e+04	8.115660e+05
## 145	NA	96	0.1	5.531382e+01	9.649341e+06
## 146	6.40	94	0.1	7.891300e+03	9.535790e+05
## 147	5.54	93	0.1	7.875757e+03	9.416810e+05
## 148	5.37	89	0.1	7.496336e+03	9.295784e+06
## 149	5.10	87	0.1	7.189691e+03	9.173820e+05
## 150	5.33	81	0.1	5.842858e+03	9.543320e+05
## 151	5.85	81	0.1	4.952948e+02	8.947243e+06
## 152	4.37	81	0.1	5.574638e+03	8.763400e+04
## 153	5.10	79	0.1	3.851438e+03	8.581300e+04
## 154	6.17	78	0.1	2.473858e+03	8.484550e+05
## 155	7.86	75	0.1	1.578424e+03	8.391850e+05
## 156	7.92	77	0.1	1.452163e+02	8.365000e+03
## 157	6.56	77	0.1	8.836440e+02	8.234100e+04
## 158	4.47	76	0.1	7.637386e+02	8.171950e+05
## 159	4.48	77	0.1	7.368384e+01	8.111200e+04
## 160	4.67	76	0.1	6.559743e+02	8.486000e+03
## 161	NA	95	0.1	NA	NA
## 162	7.74	96	0.1	NA	NA
## 163	7.50	97	0.1	NA	NA
## 164	7.43	98	0.2	NA	NA
## 165	7.63	98	0.1	NA	NA
## 166	7.44	99	0.2	NA	NA
## 167	7.43	96	0.1	NA	NA
## 168	7.30	93	0.1	NA	NA
## 169	7.80	95	0.1	NA	NA
## 170	6.93	95	0.1	NA	NA
## 171	5.95	93	0.1	NA	NA
## 172	6.20	93	0.1	NA	NA
## 173	5.62	92	0.1	NA	NA
## 174	5.26	94	0.1	NA	NA
## 175	5.15	99	0.2	NA	NA
## 176	5.21	99	0.1	NA	NA
## 177	NA	98	0.1	2.268888e+04	NA
## 178	4.98	98	0.1	2.498338e+04	NA
## 179	4.69	99	0.1	2.511833e+02	NA
## 180	4.37	99	0.1	2.364937e+04	NA
## 181	3.40	99	0.1	2.281124e+03	NA
## 182	3.64	99	0.1	2.722139e+03	NA
## 183	3.79	98	0.1	1.935667e+04	NA
## 184	3.17	97	0.1	2.367565e+03	NA
## 185	3.80	97	0.1	2.977115e+03	NA
## 186	3.80	98	0.1	1.937995e+03	NA
## 187	3.16	98	0.1	1.795918e+04	NA
## 188	3.37	98	0.1	1.584648e+04	NA
## 189	3.74	97	0.1	1.422199e+04	NA
## 190	3.89	98	0.1	1.312335e+03	NA
## 191	3.80	99	0.1	1.286821e+04	NA
## 192	3.51	97	0.1	1.363635e+04	NA
## 193	NA	97	0.1	1.211581e+02	1.612886e+06

## 194	2.82	97	0.1	1.845654e+02	1.594528e+07
## 195	2.88	96	0.1	9.518895e+02	1.575713e+08
## 196	3.80	94	0.1	8.563429e+02	1.557275e+07
## 197	3.16	96	0.1	8.357893e+02	1.539119e+08
## 198	3.60	94	0.1	7.576718e+02	1.521491e+07
## 199	2.91	97	0.1	6.811254e+02	1.545478e+06
## 200	2.85	96	0.1	6.157775e+02	1.488581e+07
## 201	2.80	94	0.1	5.416515e+02	1.471392e+08
## 202	2.80	94	0.1	4.945147e+02	1.453684e+06
## 203	2.68	93	0.1	4.841555e+02	1.434311e+07
## 204	2.62	99	0.1	4.675792e+01	1.413749e+07
## 205	2.51	87	0.1	4.327389e+02	1.391910e+05
## 206	2.59	83	0.1	4.613575e+00	1.366667e+06
## 207	2.47	85	0.1	4.259812e+01	1.341716e+06
## 208	2.33	82	0.1	4.563371e+01	1.315812e+08
## 209	NA	97	0.1	1.555784e+04	NA
## 210	7.47	94	0.1	1.535967e+04	NA
## 211	7.57	91	0.1	1.547278e+04	NA
## 212	7.43	87	0.1	1.538487e+04	NA
## 213	6.67	91	0.1	1.553416e+04	NA
## 214	6.17	86	0.1	1.595912e+03	NA
## 215	6.21	93	0.1	1.652332e+04	NA
## 216	6.10	85	0.1	1.657323e+03	NA
## 217	5.64	93	0.1	1.646249e+04	NA
## 218	5.27	84	0.1	1.564656e+04	NA
## 219	5.38	92	0.1	1.422387e+04	NA
## 220	5.71	93	0.2	1.286886e+04	NA
## 221	5.82	89	0.4	1.228545e+03	NA
## 222	5.76	87	0.8	1.167539e+04	NA
## 223	5.47	84	0.7	1.151387e+04	NA
## 224	5.16	93	0.9	1.156811e+04	NA
## 225	NA	99	0.1	5.949117e+03	9.489616e+06
## 226	5.69	97	0.1	8.318429e+03	9.474511e+06
## 227	6.70	98	0.1	7.978825e+03	9.465997e+06
## 228	5.10	98	0.1	6.942439e+02	9.464495e+06
## 229	4.92	98	0.1	6.519718e+03	9.473172e+06
## 230	5.55	98	0.1	6.338877e+01	9.495830e+05
## 231	6.90	96	0.1	5.176173e+03	9.567650e+05
## 232	5.95	97	0.1	6.376183e+03	9.527985e+06
## 233	6.44	95	0.1	4.735485e+03	9.569530e+05
## 234	6.34	99	0.1	3.848216e+03	9.649240e+05
## 235	6.89	99	0.1	3.126718e+03	9.663915e+06
## 236	6.59	99	0.1	2.378339e+03	9.731460e+05
## 237	6.59	5	0.1	1.819526e+03	9.796749e+06
## 238	6.47	99	0.1	1.479383e+03	9.865548e+06
## 239	6.62	99	0.1	1.244373e+03	9.928549e+06
## 240	6.13	99	0.1	1.276288e+03	9.979610e+05
## 241	NA	99	0.1	4.356875e+03	1.127420e+07
## 242	1.59	99	0.1	4.743940e+04	1.129570e+05
## 243	1.57	99	0.1	4.651386e+03	1.118282e+07

## 244	1.54	99	0.1 4.474572e+03	1.112825e+07
## 245	1.42	98	0.1 4.772774e+03	1.147744e+06
## 246	1.17	98	0.1 4.438237e+03	1.895586e+06
## 247	1.39	98	0.1 4.488561e+03	1.796493e+06
## 248	9.60	99	0.1 4.842459e+04	1.799730e+05
## 249	9.25	98	0.1 4.443831e+03	1.625700e+04
## 250	9.17	98	0.1 3.885236e+04	1.547958e+06
## 251	9.24	97	0.1 3.696728e+04	1.478617e+06
## 252	9.32	95	0.1 3.558971e+04	1.421137e+06
## 253	9.30	95	0.1 3.743957e+03	1.376133e+06
## 254	8.46	95	0.1 2.552333e+03	1.332785e+06
## 255	8.29	95	0.1 2.312157e+04	1.286570e+05
## 256	8.12	95	0.1 2.327459e+03	1.251250e+05
## 257	NA	94	0.2 4.849997e+03	3.592880e+05
## 258	5.79	95	0.2 4.852224e+03	3.516940e+05
## 259	5.79	95	0.2 4.688538e+03	3.441810e+05
## 260	5.45	98	0.1 4.673638e+03	3.367100e+04
## 261	5.61	95	0.5 4.516247e+03	3.291920e+05
## 262	5.85	96	0.2 4.344152e+03	3.216800e+04
## 263	5.81	97	0.3 4.258789e+03	3.139290e+05
## 264	5.90	94	0.1 4.472280e+02	3.616500e+04
## 265	4.76	96	0.6 4.324876e+03	2.984700e+04
## 266	4.40	98	0.6 4.187378e+03	2.974700e+04
## 267	4.45	96	0.8 3.933332e+03	2.832770e+05
## 268	4.39	97	0.8 3.831538e+03	2.768900e+04
## 269	4.53	96	1.5 3.679995e+03	2.691300e+04
## 270	4.38	89	0.1 3.556562e+03	2.622600e+04
## 271	4.50	96	0.4 3.419276e+03	2.549840e+05
## 272	3.98	91	0.3 3.364424e+03	2.473150e+05
## 273	NA	82	1.0 7.839479e+02	1.575952e+06
## 274	4.59	78	1.1 9.436866e+02	1.286712e+06
## 275	4.59	77	1.2 9.152675e+02	1.445100e+04
## 276	4.86	8	1.3 8.379551e+02	9.729160e+05
## 277	5.37	75	1.4 8.259428e+02	9.468200e+04
## 278	4.95	76	1.4 7.576960e+02	9.199259e+06
## 279	4.46	79	1.6 7.934524e+02	8.944760e+05
## 280	4.20	75	1.8 8.215135e+01	8.696916e+06
## 281	4.55	82	2.0 7.653542e+01	8.454791e+06
## 282	4.75	74	2.0 6.258392e+02	8.216896e+06
## 283	4.73	7	2.1 6.179998e+01	7.982225e+06
## 284	4.56	72	2.1 5.834935e+02	7.754000e+03
## 285	4.63	73	2.1 5.192923e+02	7.525550e+05
## 286	4.27	75	2.1 4.186986e+02	7.295394e+06
## 287	4.69	76	2.1 3.787365e+02	7.767330e+05
## 288	4.34	78	2.0 3.741924e+02	6.865951e+06
## 289	NA	99	0.5 2.613645e+03	7.873860e+05
## 290	3.57	99	0.5 2.522797e+03	7.764480e+05
## 291	3.83	97	0.6 2.358829e+02	7.649610e+05
## 292	3.70	97	0.6 2.422816e+03	7.529670e+05
## 293	4.73	95	0.5 2.458460e+03	7.451000e+03

## 294	5.17	91	0.5	2.178921e+03	7.276410e+05
## 295	6.30	93	0.4	1.772345e+02	7.144580e+05
## 296	6.58	96	0.4	1.795181e+03	7.950000e+02
## 297	5.88	95	0.3	1.741143e+03	6.869580e+05
## 298	5.27	95	0.3	1.335457e+03	6.722280e+05
## 299	5.28	95	0.3	1.247614e+03	6.566390e+05
## 300	4.41	89	0.3	1.974579e+02	6.428200e+04
## 301	4.90	95	0.2	9.977417e+02	6.234340e+05
## 302	7.75	86	0.1	8.856382e+02	6.639900e+04
## 303	5.91	88	0.1	8.793877e+01	5.896000e+03
## 304	6.91	92	0.1	7.658632e+02	5.734160e+05
## 305	NA	99	0.1	NA	NA
## 306	6.33	98	0.1	NA	NA
## 307	5.96	94	0.1	NA	NA
## 308	5.56	93	0.1	NA	NA
## 309	5.49	95	0.2	NA	NA
## 310	5.44	91	0.2	NA	NA
## 311	5.76	93	0.2	NA	NA
## 312	5.00	88	0.2	NA	NA
## 313	4.96	84	0.2	NA	NA
## 314	5.19	83	0.2	NA	NA
## 315	5.67	85	0.2	NA	NA
## 316	5.22	84	0.2	NA	NA
## 317	5.30	88	0.2	NA	NA
## 318	6.53	77	0.1	NA	NA
## 319	6.31	71	0.1	NA	NA
## 320	5.67	75	0.1	NA	NA
## 321	NA	82	0.1	4.574979e+03	3.535961e+06
## 322	9.57	86	0.1	5.193949e+03	3.566200e+04
## 323	9.46	89	0.1	5.358655e+02	3.649990e+05
## 324	9.94	92	0.1	4.716673e+03	3.648200e+04
## 325	9.71	88	0.1	5.515683e+01	3.688865e+06
## 326	9.58	89	0.1	4.611473e+03	3.722840e+05
## 327	9.64	9	0.1	4.697897e+03	3.746561e+06
## 328	8.58	91	0.1	5.753166e+02	3.763599e+06
## 329	8.37	95	0.1	4.182922e+02	3.774000e+03
## 330	8.28	87	0.1	3.443217e+02	3.779468e+06
## 331	8.50	93	0.1	2.968412e+03	3.781530e+05
## 332	9.40	84	0.1	2.656427e+02	3.781287e+06
## 333	7.94	87	0.1	2.214732e+03	3.779247e+06
## 334	7.10	8	0.1	1.761538e+03	3.775870e+05
## 335	7.16	91	0.1	1.524412e+03	3.771284e+06
## 336	7.90	85	0.1	1.461755e+03	3.766760e+05
## 337	NA	95	2.2	6.532651e+03	2.291970e+05
## 338	5.41	95	2.3	7.497762e+03	2.168573e+06
## 339	5.84	95	2.8	7.762578e+01	2.128570e+05
## 340	6.27	95	4.4	7.292315e+02	2.893150e+05
## 341	5.25	95	5.5	7.645215e+03	2.513390e+05
## 342	5.64	95	6.2	6.346156e+03	2.148660e+05
## 343	6.39	96	9.0	5.185730e+03	1.979882e+06

## 344	5.55	96	12.7	5.623380e+03	1.946351e+06
## 345	4.71	96	13.4	5.714479e+03	1.914414e+06
## 346	4.93	96	14.4	5.374555e+03	1.884238e+06
## 347	5.62	96	20.6	5.351254e+03	1.855852e+06
## 348	5.56	96	28.4	4.896584e+03	1.829330e+05
## 349	4.65	96	31.9	4.163660e+03	1.843390e+05
## 350	6.47	97	34.6	3.556184e+02	1.779953e+06
## 351	5.73	97	37.2	3.128978e+03	1.754935e+06
## 352	4.64	97	38.8	3.349688e+03	1.728340e+05
## 353	NA	96	0.1	8.757262e+03	2.596218e+06
## 354	8.32	93	0.1	1.226617e+03	2.421313e+07
## 355	8.48	97	0.1	1.221694e+04	2.248632e+06
## 356	8.26	95	0.1	1.229147e+04	2.569830e+05
## 357	8.90	99	0.1	1.316747e+04	1.986867e+08
## 358	8.27	99	0.1	1.122415e+04	1.967963e+08
## 359	8.65	99	0.1	8.553385e+03	1.948960e+08
## 360	8.24	99	0.1	8.787614e+03	1.929793e+07
## 361	8.28	99	0.1	7.313558e+03	1.912664e+07
## 362	8.36	99	0.1	5.861460e+02	1.891241e+07
## 363	8.27	99	0.1	4.771827e+02	1.869174e+08
## 364	7.70	99	0.1	3.623477e+03	1.847385e+08
## 365	6.94	99	0.1	3.595876e+02	1.824821e+08
## 366	7.13	99	0.1	2.819650e+03	1.815121e+06
## 367	7.19	98	0.1	3.146952e+03	1.777567e+06
## 368	7.30	98	0.1	3.739119e+03	1.752876e+08
## 369	NA	99	0.1	3.967895e+03	NA
## 370	2.65	99	0.1	4.159865e+03	NA
## 371	2.61	99	0.1	4.459728e+04	NA
## 372	2.30	99	0.1	4.765126e+04	NA
## 373	2.25	97	0.1	4.717273e+03	NA
## 374	2.73	95	0.1	3.526811e+04	NA
## 375	2.85	99	0.1	2.796548e+04	NA
## 376	2.23	98	0.1	3.795129e+04	NA
## 377	2.32	99	0.1	3.267237e+04	NA
## 378	2.24	97	0.1	3.989669e+02	NA
## 379	2.62	94	0.1	2.612133e+03	NA
## 380	3.10	92	0.1	2.189665e+04	NA
## 381	3.90	92	0.1	1.855557e+04	NA
## 382	3.40	94	0.1	1.684622e+04	NA
## 383	3.60	97	0.1	1.646813e+04	NA
## 384	3.50	99	0.1	1.884483e+02	NA
## 385	NA	91	0.1	6.993477e+03	7.177991e+06
## 386	8.44	88	0.1	7.853335e+03	7.223938e+06
## 387	7.93	95	0.1	7.674866e+03	7.265115e+06
## 388	7.11	95	0.1	7.378255e+03	7.358880e+05
## 389	6.88	95	0.1	7.813835e+03	7.348328e+06
## 390	7.24	94	0.1	6.843263e+03	7.395599e+06
## 391	6.78	94	0.1	6.955988e+03	7.444443e+06
## 392	6.61	95	0.1	7.296122e+03	7.492561e+06
## 393	6.41	95	0.1	5.932900e+03	7.545338e+06

## 394	6.67	95	0.1	4.513136e+03	7.612200e+04
## 395	7.80	96	0.1	3.893690e+03	7.658972e+06
## 396	7.90	95	0.1	3.381578e+03	7.716860e+05
## 397	7.43	96	0.1	2.714682e+02	7.775327e+06
## 398	7.41	93	0.1	2.875348e+02	7.837161e+06
## 399	7.23	94	0.1	1.764974e+03	8.914200e+04
## 400	6.70	93	0.1	1.692859e+02	8.171720e+05
## 401	NA	91	0.6	6.155922e+02	1.811624e+06
## 402	4.96	91	0.6	7.514641e+01	1.758598e+07
## 403	5.91	88	0.7	6.994528e+02	1.772723e+06
## 404	5.33	9	0.8	6.738227e+02	1.657122e+07
## 405	5.17	91	0.9	6.668428e+02	1.681940e+05
## 406	7.17	91	1.0	5.754465e+02	1.565217e+06
## 407	7.41	92	1.1	5.527456e+02	1.514199e+06
## 408	6.77	93	1.5	5.697613e+02	1.468973e+07
## 409	6.63	89	1.7	4.751112e+02	1.425221e+06
## 410	6.58	86	2.0	4.226332e+02	1.382918e+07
## 411	6.87	82	2.3	4.699887e+01	1.342193e+06
## 412	6.45	79	2.5	3.713239e+02	1.335690e+05
## 413	5.61	79	2.9	3.323444e+02	1.265462e+07
## 414	5.26	69	3.2	2.676354e+01	1.229310e+05
## 415	4.85	62	3.6	2.354912e+02	1.194459e+07
## 416	5.60	45	4.0	2.264760e+02	1.167942e+06
## 417	NA	94	0.7	3.368122e+01	1.199270e+05
## 418	7.54	95	0.7	3.127490e+02	9.891790e+05
## 419	8.30	96	1.0	2.827555e+02	9.618600e+04
## 420	8.21	96	1.2	2.652857e+02	9.319710e+05
## 421	8.58	96	1.5	2.647997e+01	9.435800e+04
## 422	8.82	96	1.9	2.311943e+02	8.766930e+05
## 423	6.96	94	2.4	2.494465e+01	8.489310e+05
## 424	7.86	92	2.9	1.962473e+02	8.212264e+06
## 425	1.30	99	3.4	1.779995e+01	7.939573e+06
## 426	11.49	92	3.8	1.658794e+02	7.675338e+06
## 427	9.84	87	4.3	1.557434e+01	7.423289e+06
## 428	7.10	83	4.8	1.274297e+02	7.182451e+06
## 429	5.25	82	5.1	1.128494e+02	6.953113e+06
## 430	5.15	81	5.2	1.224336e+02	6.741569e+06
## 431	4.96	81	5.3	1.337428e+02	6.555829e+06
## 432	4.98	8	5.2	1.359984e+02	6.476000e+03
## 433	NA	83	1.9	NA	NA
## 434	5.72	76	2.0	NA	NA
## 435	5.81	8	2.4	NA	NA
## 436	6.14	82	2.9	NA	NA
## 437	6.42	62	3.3	NA	NA
## 438	6.32	85	3.3	NA	NA
## 439	6.41	81	3.7	NA	NA
## 440	6.21	74	4.1	NA	NA
## 441	6.35	76	5.3	NA	NA
## 442	5.87	77	5.8	NA	NA
## 443	5.39	76	6.1	NA	NA

## 444	5.24	67	6.5	NA	NA
## 445	4.65	61	6.7	NA	NA
## 446	4.47	64	6.9	NA	NA
## 447	4.85	66	7.0	NA	NA
## 448	6.00	65	7.1	NA	NA
## 449	NA	93	0.2	2.954119e+03	5.329130e+05
## 450	4.76	95	0.2	3.529618e+03	5.264370e+05
## 451	4.29	93	0.2	3.558796e+03	5.216000e+03
## 452	4.61	94	0.3	3.484828e+02	5.139790e+05
## 453	4.60	9	0.3	3.674295e+02	5.867000e+03
## 454	4.83	99	0.4	3.312826e+03	5.238400e+04
## 455	4.24	99	0.4	3.444557e+03	4.969630e+05
## 456	3.96	99	0.4	3.638959e+03	4.917230e+05
## 457	4.30	98	0.6	3.112286e+03	4.864380e+05
## 458	5.11	96	0.6	2.342899e+02	4.879500e+04
## 459	4.86	95	0.8	2.481346e+02	4.745670e+05
## 460	5.60	93	0.8	1.976459e+03	4.676640e+05
## 461	5.00	92	0.9	1.768921e+03	4.614700e+04
## 462	5.17	91	0.8	1.373516e+03	4.521600e+04
## 463	5.19	9	0.8	1.268885e+03	4.437160e+05
## 464	4.81	9	0.8	1.239378e+03	4.357900e+04
## 465	NA	89	0.2	1.163190e+03	1.551764e+07
## 466	5.68	88	0.2	1.986871e+02	1.527790e+05
## 467	5.93	83	0.2	1.284196e+02	1.522692e+06
## 468	6.24	86	0.3	9.524413e+01	1.477687e+07
## 469	5.64	88	0.3	8.824915e+02	1.453789e+07
## 470	5.95	89	0.5	7.856929e+02	1.438740e+05
## 471	6.36	94	0.6	7.382327e+02	1.492800e+04
## 472	5.55	91	0.7	7.457878e+02	1.388590e+05
## 473	3.75	82	0.9	6.316758e+02	1.367669e+07
## 474	4.48	8	1.1	5.398792e+02	1.347449e+07
## 475	5.84	82	1.4	4.742239e+02	1.327210e+05
## 476	6.43	85	1.7	4.861518e+01	1.363377e+06
## 477	6.74	69	1.9	3.624214e+02	1.285312e+07
## 478	5.95	54	2.1	3.396770e+02	1.263473e+07
## 479	5.70	6	2.2	3.212263e+02	1.242473e+06
## 480	5.87	59	2.1	3.685949e+00	1.215235e+07
## 481	NA	84	3.5	1.244429e+03	2.283452e+07
## 482	4.10	87	3.7	1.441142e+03	2.223994e+06
## 483	4.29	89	4.0	1.365344e+03	2.165572e+07
## 484	4.34	85	4.6	1.255648e+03	2.182383e+06
## 485	3.96	82	4.9	1.295650e+03	2.524470e+05
## 486	5.28	84	5.5	1.182869e+03	1.997495e+06
## 487	5.70	8	6.3	1.231954e+02	1.943254e+07
## 488	5.18	84	6.7	1.233524e+03	1.897800e+04
## 489	4.76	82	7.0	1.117119e+02	1.839539e+07
## 490	4.69	81	7.2	1.298916e+01	1.789956e+07
## 491	4.75	8	7.4	9.521872e+02	1.742795e+06
## 492	4.73	73	7.5	9.321172e+01	1.695981e+06
## 493	4.97	73	7.7	8.248689e+02	1.651382e+07

## 494	4.86	66	7.8 6.763977e+02	1.684886e+06
## 495	4.70	63	7.9 6.146729e+02	1.567193e+07
## 496	4.48	62	7.7 6.841440e+01	1.527423e+07
## 497	NA	91	0.1 4.331574e+04	3.584861e+06
## 498	1.45	91	0.1 5.444338e+02	3.554456e+07
## 499	1.67	91	0.1 5.241372e+04	3.515545e+07
## 500	1.78	95	0.1 5.249669e+04	3.475545e+06
## 501	1.82	87	0.1 5.282218e+03	3.434278e+06
## 502	11.20	89	0.1 4.744748e+04	3.452740e+05
## 503	11.17	91	0.1 4.773454e+03	3.362857e+07
## 504	1.30	92	0.1 4.659634e+04	3.324577e+07
## 505	9.83	94	0.1 4.454453e+04	3.288793e+07
## 506	9.75	95	0.1 4.386699e+03	3.257550e+05
## 507	9.57	93	0.1 3.618959e+04	3.231200e+04
## 508	9.56	91	0.1 3.197987e+04	3.199500e+04
## 509	9.54	91	0.1 2.817215e+04	3.167600e+04
## 510	9.37	88	0.1 2.416784e+04	3.136200e+04
## 511	9.10	89	0.1 2.369159e+04	3.181900e+04
## 512	8.67	89	0.1 2.412417e+04	3.769700e+04
## 513	NA	47	4.4 3.483814e+02	4.546100e+04
## 514	4.20	47	4.5 3.771323e+02	4.515392e+06
## 515	3.82	23	5.1 3.374850e+02	4.499653e+06
## 516	3.62	47	5.1 4.864111e+02	4.494160e+05
## 517	3.73	47	5.8 4.943368e+02	4.476153e+06
## 518	3.90	45	6.6 4.464434e+02	4.448525e+06
## 519	3.58	42	7.3 4.499618e+02	4.442300e+04
## 520	4.30	45	8.3 4.568614e+02	4.345386e+06
## 521	4.40	48	9.0 3.971485e+02	4.275800e+04
## 522	3.99	51	10.0 3.476737e+02	4.217580e+05
## 523	4.29	54	11.2 3.271149e+02	4.127910e+05
## 524	4.10	51	12.0 3.132160e+02	4.553600e+04
## 525	4.31	47	12.8 2.862582e+02	3.981665e+06
## 526	4.16	44	13.4 2.537683e+02	3.976120e+05
## 527	3.95	4	13.9 2.431586e+02	3.832230e+05
## 528	4.24	37	14.3 2.435429e+02	3.754986e+06
## 529	NA	46	2.8 7.772488e+02	1.494130e+05
## 530	3.62	37	2.9 1.259985e+02	1.356944e+07
## 531	3.42	39	3.1 9.861318e+02	1.313359e+07
## 532	3.00	4	3.6 9.734726e+02	1.275135e+06
## 533	3.17	33	3.9 9.892364e+02	1.228865e+07
## 534	2.95	39	4.1 8.965697e+02	1.188722e+06
## 535	3.31	24	4.4 8.445594e+01	1.152786e+06
## 536	2.92	19	4.7 9.297724e+02	1.113386e+07
## 537	3.35	28	4.9 8.168388e+01	1.775780e+05
## 538	3.32	4	5.1 7.121848e+02	1.421597e+06
## 539	3.91	25	5.2 6.624214e+01	1.679000e+03
## 540	5.72	21	5.2 4.546766e+02	9.714300e+04
## 541	5.49	23	5.1 2.925914e+02	9.353210e+05
## 542	8.33	25	5.0 2.285482e+01	9.168900e+04
## 543	6.90	26	4.8 1.973156e+02	8.663120e+05

## 544	6.28	36	4.6	1.662318e+02	8.342559e+06
## 545	NA	96	0.1	1.365323e+04	1.776268e+07
## 546	7.79	95	0.1	1.481738e+04	1.761380e+07
## 547	7.53	91	0.1	1.594140e+04	1.746298e+07
## 548	7.24	9	0.1	1.543193e+04	1.739746e+06
## 549	7.00	94	0.1	1.475692e+03	1.715336e+07
## 550	6.97	92	0.1	1.286178e+03	1.699335e+07
## 551	7.39	94	0.1	1.243328e+03	1.682944e+07
## 552	6.87	95	0.1	1.781367e+03	1.666194e+07
## 553	6.35	96	0.1	1.526877e+03	1.649169e+07
## 554	6.18	94	0.1	9.484681e+03	1.631979e+07
## 555	6.69	91	0.1	7.615347e+03	1.614764e+06
## 556	6.93	93	0.1	6.218283e+02	1.597378e+07
## 557	7.34	96	0.1	4.787700e+03	1.579954e+07
## 558	6.48	97	0.1	4.463546e+03	1.562364e+07
## 559	6.51	97	0.1	4.595666e+03	1.544497e+07
## 560	6.40	91	0.1	5.113685e+02	1.526275e+07
## 561	NA	99	0.1	8.692119e+02	1.371220e+05
## 562	5.55	99	0.1	7.683524e+03	1.364270e+05
## 563	5.39	99	0.1	7.777759e+02	1.357380e+05
## 564	5.26	99	0.1	6.337883e+03	1.356950e+05
## 565	5.30	99	0.1	5.633796e+03	1.344130e+05
## 566	4.89	99	0.1	4.565125e+02	1.337750e+05
## 567	5.80	99	0.1	3.838434e+03	1.331260e+05
## 568	4.59	97	0.1	3.471248e+03	1.324655e+06
## 569	4.32	93	0.1	2.695366e+03	1.317885e+06
## 570	4.52	93	0.1	2.992297e+02	1.311200e+04
## 571	4.66	87	0.1	1.753418e+03	1.337200e+04
## 572	4.72	87	0.1	1.586685e+02	1.296750e+05
## 573	4.82	86	0.1	1.288643e+03	1.288400e+04
## 574	4.79	86	0.1	1.148586e+03	1.284000e+03
## 575	4.56	86	0.1	1.531824e+02	1.271850e+05
## 576	4.60	85	0.1	9.593722e+02	1.262645e+06
## 577	NA	91	0.1	6.445256e+02	4.822870e+07
## 578	7.20	9	0.1	7.913383e+03	4.779191e+07
## 579	6.84	91	0.1	8.358630e+01	4.734298e+07
## 580	6.93	91	0.1	7.884984e+03	4.688148e+07
## 581	6.64	85	0.1	7.227740e+03	4.646646e+06
## 582	6.76	88	0.1	6.256554e+02	4.591897e+06
## 583	7.10	92	0.1	5.148422e+03	4.541618e+07
## 584	6.62	92	0.1	5.433725e+03	4.491544e+06
## 585	6.25	93	0.1	4.674220e+03	4.437457e+07
## 586	6.11	93	0.1	3.797878e+02	4.383572e+07
## 587	5.82	93	0.1	3.386256e+03	4.328563e+07
## 588	5.37	89	0.1	2.742494e+02	4.272416e+07
## 589	5.92	92	0.1	2.246257e+03	4.215215e+07
## 590	5.67	81	0.1	2.355726e+03	4.157249e+07
## 591	5.96	8	0.1	2.395857e+03	4.988990e+05
## 592	5.91	79	0.1	2.472198e+03	4.439580e+05
## 593	NA	91	0.8	7.276464e+02	7.774240e+05

## 594	6.75	87	0.8	8.529544e+02	7.593850e+05
## 595	6.51	87	0.8	8.343419e+02	7.415000e+03
## 596	7.11	86	0.8	7.886327e+02	7.238680e+05
## 597	6.10	83	0.2	8.297587e+02	7.656900e+04
## 598	5.82	74	0.1	7.691743e+02	6.896920e+05
## 599	3.82	83	0.1	7.785454e+02	6.732520e+05
## 600	5.13	81	0.1	7.959752e+02	6.572290e+05
## 601	4.93	75	0.1	7.275931e+01	6.416200e+04
## 602	4.57	69	0.1	6.483872e+02	6.264250e+05
## 603	4.32	68	0.1	6.219337e+02	6.116270e+05
## 604	3.96	76	0.1	6.164197e+02	5.972280e+05
## 605	3.65	8	0.1	5.445665e+02	5.832110e+05
## 606	3.39	89	0.1	4.332691e+02	5.694790e+05
## 607	2.86	7	0.1	3.959319e+02	5.558880e+05
## 608	3.56	7	0.1	3.758529e+02	5.423570e+05
## 609	NA	8	2.8	NA	NA
## 610	5.15	9	3.0	NA	NA
## 611	5.90	85	3.0	NA	NA
## 612	3.98	85	3.3	NA	NA
## 613	2.79	82	3.5	NA	NA
## 614	2.29	74	3.8	NA	NA
## 615	2.27	78	4.0	NA	NA
## 616	2.90	79	4.3	NA	NA
## 617	2.54	72	5.0	NA	NA
## 618	2.37	73	5.5	NA	NA
## 619	2.42	62	5.9	NA	NA
## 620	2.56	67	6.3	NA	NA
## 621	2.61	5	6.8	NA	NA
## 622	2.45	41	7.2	NA	NA
## 623	2.44	31	7.6	NA	NA
## 624	2.13	33	7.8	NA	NA
## 625	3.58	98	0.1	NA	NA
## 626	NA	92	0.1	1.146363e+03	4.878520e+05
## 627	9.31	91	0.1	1.647442e+03	4.757575e+06
## 628	9.47	95	0.1	1.569666e+03	4.764100e+04
## 629	9.56	91	0.1	9.985370e+03	4.654122e+06
## 630	9.73	85	0.1	9.186596e+03	4.647400e+04
## 631	9.66	88	0.1	8.199415e+03	4.545280e+05
## 632	9.69	86	0.1	6.893962e+02	4.488263e+06
## 633	9.10	9	0.1	6.911136e+03	4.429580e+05
## 634	8.37	89	0.1	6.126234e+02	4.369469e+06
## 635	7.82	89	0.1	5.245187e+03	4.387940e+05
## 636	7.74	91	0.1	4.697111e+03	4.247841e+06
## 637	7.80	9	0.1	4.425575e+03	4.187380e+05
## 638	8.45	88	0.1	4.167714e+03	4.125971e+06
## 639	8.23	94	0.1	4.621497e+02	4.632400e+04
## 640	7.25	91	0.1	3.981528e+03	3.996798e+06
## 641	7.12	88	0.1	3.883637e+02	3.925443e+06
## 642	NA	94	0.1	1.157967e+04	4.236400e+04
## 643	7.80	95	0.1	1.346747e+04	4.238389e+06

## 644	7.83	96	0.1	1.357475e+04	4.255689e+06
## 645	7.80	96	0.1	1.323598e+04	4.267558e+06
## 646	7.80	96	0.1	1.453918e+04	4.286220e+05
## 647	8.25	97	0.1	1.355746e+03	4.417781e+06
## 648	8.18	96	0.1	1.415714e+04	4.429780e+05
## 649	7.70	96	0.1	1.589387e+04	4.434580e+05
## 650	7.44	96	0.1	1.354670e+04	4.436000e+03
## 651	6.95	96	0.1	1.136342e+04	4.440000e+02
## 652	6.89	96	0.1	1.224246e+03	4.442000e+03
## 653	6.56	96	0.1	9.365742e+03	4.439000e+03
## 654	6.35	94	0.1	7.858814e+02	4.440000e+02
## 655	6.19	95	0.1	6.537164e+02	4.440000e+02
## 656	7.16	94	0.1	5.245421e+03	4.440000e+02
## 657	7.66	93	0.1	4.919629e+03	4.426000e+03
## 658	NA	99	0.1	7.622612e+02	NA
## 659	11.60	99	0.1	7.551990e+01	NA
## 660	9.48	99	0.1	6.761534e+02	NA
## 661	8.59	99	0.1	6.425941e+03	NA
## 662	1.60	97	0.1	6.759244e+02	NA
## 663	1.19	96	0.1	5.676141e+03	NA
## 664	11.78	96	0.1	5.484776e+03	NA
## 665	1.79	95	0.1	5.376448e+03	NA
## 666	1.42	93	0.1	5.184494e+03	NA
## 667	7.67	89	0.1	4.669692e+03	NA
## 668	9.39	89	0.1	3.779577e+03	NA
## 669	6.14	88	0.1	3.397163e+02	NA
## 670	6.31	72	0.1	3.192669e+03	NA
## 671	6.50	99	0.1	2.994340e+03	NA
## 672	6.27	98	0.1	2.832189e+03	NA
## 673	6.70	95	0.1	2.741115e+03	NA
## 674	NA	97	0.1	2.375113e+03	1.169850e+05
## 675	7.37	99	0.1	2.734884e+03	1.152390e+05
## 676	7.46	99	0.1	2.797967e+03	1.143896e+06
## 677	7.44	99	0.1	2.895116e+04	1.135620e+05
## 678	7.54	99	0.1	3.223384e+04	1.124835e+06
## 679	7.23	99	0.1	3.818464e+03	1.112670e+05
## 680	7.40	99	0.1	3.215816e+03	1.987600e+04
## 681	6.89	97	0.1	3.539749e+03	1.815630e+05
## 682	6.50	97	0.1	3.138663e+04	1.637120e+05
## 683	6.28	97	0.1	2.716999e+04	1.455900e+04
## 684	6.37	98	0.1	2.532449e+04	1.276580e+05
## 685	6.42	98	0.1	2.393249e+04	1.141000e+03
## 686	6.83	98	0.1	2.293479e+03	9.935630e+05
## 687	6.12	98	0.1	1.637229e+04	9.769660e+05
## 688	5.78	97	0.1	1.562924e+03	9.628200e+04
## 689	5.77	97	0.1	1.467288e+04	9.432860e+05
## 690	NA	97	0.1	NA	NA
## 691	7.41	97	0.1	NA	NA
## 692	7.49	98	0.1	NA	NA
## 693	7.55	99	0.1	NA	NA

## 694	7.50	99	0.1	NA	NA
## 695	7.43	99	0.1	NA	NA
## 696	7.85	99	0.1	NA	NA
## 697	6.82	99	0.1	NA	NA
## 698	6.52	99	0.1	NA	NA
## 699	6.69	98	0.1	NA	NA
## 700	6.93	97	0.1	NA	NA
## 701	6.90	98	0.1	NA	NA
## 702	7.13	97	0.1	NA	NA
## 703	6.80	98	0.1	NA	NA
## 704	6.42	98	0.1	NA	NA
## 705	6.31	98	0.1	NA	NA
## 706	NA	96	0.1	NA	NA
## 707	NA	93	0.1	NA	NA
## 708	NA	93	0.1	NA	NA
## 709	NA	96	0.1	NA	NA
## 710	NA	94	0.1	NA	NA
## 711	NA	93	0.1	NA	NA
## 712	NA	93	0.1	NA	NA
## 713	NA	92	0.1	NA	NA
## 714	NA	92	0.1	NA	NA
## 715	NA	89	0.1	NA	NA
## 716	NA	79	0.1	NA	NA
## 717	NA	72	0.1	NA	NA
## 718	NA	68	0.1	NA	NA
## 719	NA	64	0.1	NA	NA
## 720	NA	62	0.1	NA	NA
## 721	NA	56	0.1	NA	NA
## 722	NA	81	1.1	NA	NA
## 723	4.33	8	1.1	NA	NA
## 724	3.89	74	1.2	NA	NA
## 725	3.77	75	1.5	NA	NA
## 726	3.53	74	1.6	NA	NA
## 727	4.40	6	1.6	NA	NA
## 728	5.61	72	1.7	NA	NA
## 729	4.46	65	1.8	NA	NA
## 730	3.61	7	1.9	NA	NA
## 731	3.39	62	2.0	NA	NA
## 732	3.14	6	2.0	NA	NA
## 733	3.34	54	2.1	NA	NA
## 734	3.20	41	2.2	NA	NA
## 735	2.59	38	2.4	NA	NA
## 736	2.67	3	2.4	NA	NA
## 737	1.45	4	2.5	NA	NA
## 738	NA	93	0.1	5.314644e+03	5.683483e+06
## 739	1.80	94	0.1	6.242554e+04	5.643475e+06
## 740	11.25	94	0.1	6.119119e+04	5.614932e+06
## 741	1.98	94	0.1	5.857521e+03	5.591572e+06
## 742	1.87	91	0.1	6.175367e+04	5.575720e+05
## 743	11.80	9	0.1	5.841411e+03	5.547683e+06

## 744	11.47	89	0.1	5.816329e+04	5.523950e+05
## 745	1.18	88	0.1	6.432267e+04	5.493621e+06
## 746	9.99	87	0.1	5.848745e+04	5.461438e+06
## 747	9.92	93	0.1	5.226993e+03	5.437272e+06
## 748	9.77	93	0.1	4.879982e+04	5.419432e+06
## 749	9.67	95	0.1	4.651165e+04	5.445230e+05
## 750	9.51	96	0.1	4.458776e+03	5.395740e+05
## 751	9.33	98	0.1	3.322869e+04	5.375931e+06
## 752	9.10	97	0.1	3.751649e+03	5.358783e+06
## 753	8.70	97	0.1	3.743559e+03	5.339616e+06
## 754	NA	84	2.1	1.862167e+03	9.274140e+05
## 755	1.57	78	2.1	1.749151e+02	9.121640e+05
## 756	9.14	82	2.1	1.622638e+03	8.966880e+05
## 757	8.95	81	1.9	1.536157e+03	8.811850e+05
## 758	8.71	87	2.7	1.439869e+02	8.659370e+05
## 759	8.84	88	3.1	1.325997e+03	8.511460e+05
## 760	8.37	89	3.2	1.253657e+03	8.368400e+04
## 761	8.50	89	3.3	1.214771e+03	8.229340e+05
## 762	7.72	88	3.5	1.475869e+02	8.942000e+03
## 763	7.50	72	3.7	9.656694e+02	7.962800e+04
## 764	7.21	71	3.9	9.472975e+01	7.832540e+05
## 765	6.76	64	4.0	8.641847e+02	7.775200e+04
## 766	6.22	68	4.2	8.199741e+02	7.586150e+05
## 767	5.45	62	4.3	7.921541e+02	7.462210e+05
## 768	5.37	53	4.3	7.812322e+02	7.327110e+05
## 769	5.75	46	4.1	7.681768e+02	7.175840e+05
## 770	5.58	96	0.1	7.227567e+02	NA
## 771	NA	85	0.3	6.468472e+03	1.528394e+06
## 772	4.38	91	0.3	6.268692e+03	1.458440e+05
## 773	4.12	83	0.3	6.275554e+02	1.281296e+06
## 774	4.26	85	0.4	5.968877e+03	1.154950e+05
## 775	4.22	84	0.7	5.759643e+03	1.279500e+04
## 776	4.60	88	0.9	5.451670e+03	9.897985e+06
## 777	4.41	82	1.2	4.952678e+03	9.767758e+06
## 778	4.20	82	1.4	5.113794e+02	9.636520e+05
## 779	4.34	85	1.6	4.647314e+03	9.543530e+05
## 780	4.34	89	1.8	3.836469e+03	9.371338e+06
## 781	4.26	87	2.0	3.681599e+03	9.237566e+06
## 782	4.28	79	2.1	2.421966e+03	9.129980e+05
## 783	5.53	79	2.3	2.372629e+03	8.967760e+05
## 784	5.79	82	2.4	3.846578e+01	8.832285e+06
## 785	5.59	72	2.5	2.862155e+03	8.697126e+06
## 786	5.90	78	2.5	2.824242e+02	8.562622e+06
## 787	NA	78	0.1	6.256222e+02	1.614437e+07
## 788	9.16	83	0.1	6.432217e+03	1.593112e+06
## 789	7.29	87	0.1	6.749829e+02	1.566155e+07
## 790	6.48	87	0.1	5.721431e+02	1.541967e+07
## 791	5.92	88	0.1	5.223352e+03	1.517736e+07
## 792	5.90	91	0.1	4.657324e+03	1.493469e+06
## 793	5.58	94	0.1	4.255566e+03	1.469128e+07

## 794	5.66	96	0.1	4.274953e+03	1.444756e+07
## 795	5.94	96	0.2	3.597189e+02	1.425453e+06
## 796	5.86	96	0.3	3.357865e+02	1.396748e+06
## 797	5.87	92	0.3	3.219425e+02	1.373523e+07
## 798	6.22	88	0.3	2.785579e+02	1.359647e+06
## 799	6.46	87	0.3	2.444690e+02	1.328961e+06
## 800	4.62	88	0.3	2.183967e+03	1.372600e+04
## 801	3.86	89	0.3	1.937416e+02	1.285276e+07
## 802	3.38	87	0.3	1.451298e+03	1.262860e+07
## 803	NA	93	0.1	NA	NA
## 804	5.64	94	0.1	NA	NA
## 805	5.46	97	0.1	NA	NA
## 806	5.29	93	0.1	NA	NA
## 807	5.40	96	0.1	NA	NA
## 808	4.80	97	0.1	NA	NA
## 809	5.10	97	0.1	NA	NA
## 810	4.82	97	0.1	NA	NA
## 811	4.95	98	0.1	NA	NA
## 812	5.24	98	0.1	NA	NA
## 813	5.60	98	0.1	NA	NA
## 814	5.21	97	0.1	NA	NA
## 815	5.41	98	0.1	NA	NA
## 816	5.97	97	0.1	NA	NA
## 817	5.75	99	0.1	NA	NA
## 818	5.55	98	0.1	NA	NA
## 819	NA	91	0.2	4.127118e+03	6.312478e+06
## 820	6.77	94	0.2	3.988772e+03	6.281189e+06
## 821	6.95	92	0.2	3.895664e+03	6.257770e+05
## 822	6.70	92	0.3	3.827786e+03	6.221246e+06
## 823	6.81	89	0.3	3.736587e+03	6.192560e+05
## 824	6.91	89	0.3	3.474392e+03	6.164626e+06
## 825	6.83	91	0.3	3.366482e+03	6.137276e+06
## 826	6.21	98	0.3	3.573477e+02	6.113100e+04
## 827	6.32	99	0.3	3.348382e+02	6.834750e+05
## 828	6.68	96	0.2	3.629518e+02	6.564780e+05
## 829	7.19	89	0.2	2.835281e+03	6.289610e+05
## 830	7.30	9	0.3	2.632799e+03	6.775000e+03
## 831	7.61	94	0.3	2.519737e+03	5.971535e+06
## 832	7.90	81	0.4	2.484125e+02	5.943300e+04
## 833	8.20	92	0.4	2.338772e+03	5.959620e+05
## 834	8.17	99	0.4	2.238412e+03	5.867626e+06
## 835	NA	16	4.2	1.347313e+03	1.175389e+06
## 836	3.80	2	4.4	1.925973e+02	1.129424e+06
## 837	3.73	3	5.7	2.246994e+03	1.837460e+05
## 838	4.00	24	8.2	2.155765e+04	1.385930e+05
## 839	3.29	41	7.7	2.145189e+04	9.942900e+04
## 840	3.84	44	7.2	1.713645e+04	9.511400e+04
## 841	5.32	43	7.3	1.653294e+03	9.911100e+04
## 842	2.31	42	6.3	2.274238e+04	8.684180e+05
## 843	2.25	41	5.9	1.576184e+04	8.293270e+05

## 844	2.13	4	5.3	1.273228e+04	7.922170e+05
## 845	1.63	39	4.9	1.856333e+02	7.573170e+05
## 846	2.40	38	4.4	6.853490e+02	7.248170e+05
## 847	2.23	37	3.6	3.577176e+03	6.946110e+05
## 848	2.50	36	2.9	2.711171e+03	6.664700e+04
## 849	1.78	35	2.3	2.283879e+03	6.397620e+05
## 850	2.73	34	1.9	1.726849e+02	6.143230e+05
## 851	NA	95	0.4	NA	NA
## 852	3.34	94	0.4	NA	NA
## 853	3.10	94	0.5	NA	NA
## 854	2.98	94	0.6	NA	NA
## 855	3.60	96	0.7	5.827755e+02	4.474690e+05
## 856	3.24	9	0.9	4.821499e+02	4.398400e+04
## 857	3.30	92	1.0	4.375445e+01	4.313340e+05
## 858	3.69	94	1.1	3.268256e+02	4.232636e+06
## 859	3.29	91	1.3	3.173294e+02	4.153332e+06
## 860	3.30	94	1.4	2.978286e+02	4.666480e+05
## 861	2.97	96	1.6	2.767590e+02	3.969700e+04
## 862	3.14	98	1.8	2.874222e+02	3.858623e+06
## 863	3.50	93	1.9	2.327945e+02	3.738265e+06
## 864	4.20	9	1.9	2.176880e+01	3.614639e+06
## 865	3.95	86	2.0	2.151392e+02	3.497124e+06
## 866	4.43	81	1.9	2.819695e+01	3.392810e+05
## 867	NA	93	0.1	1.774929e+03	1.315470e+05
## 868	6.38	93	0.1	1.994146e+04	1.314545e+06
## 869	6.48	94	0.1	1.929775e+03	1.317997e+06
## 870	6.36	94	0.1	1.742189e+04	1.322696e+06
## 871	5.83	93	0.1	1.745484e+04	1.327439e+06
## 872	6.25	94	0.1	1.463865e+04	1.331475e+06
## 873	6.93	95	0.1	1.472632e+04	1.334515e+06
## 874	6.60	95	0.1	1.894549e+03	1.337900e+04
## 875	5.16	95	0.1	1.658645e+04	1.346800e+04
## 876	5.10	95	0.1	1.259542e+04	1.346810e+05
## 877	5.20	96	0.1	1.338313e+03	1.354775e+06
## 878	5.13	94	0.1	8.854651e+02	1.362550e+05
## 879	4.92	94	0.1	7.174237e+03	1.377200e+04
## 880	4.84	94	0.1	5.383478e+02	1.379350e+05
## 881	4.85	94	0.1	4.498957e+03	1.388115e+06
## 882	5.28	93	0.1	4.732827e+01	1.396985e+06
## 883	NA	77	0.6	6.454638e+02	9.987333e+06
## 884	4.88	77	0.6	5.711623e+02	9.736677e+07
## 885	5.19	72	0.9	5.215359e+01	9.488772e+07
## 886	5.77	69	1.2	4.685672e+02	9.244418e+07
## 887	6.55	65	1.4	3.548464e+02	9.467560e+05
## 888	6.86	61	1.7	3.413999e+02	8.772670e+05
## 889	4.41	58	2.0	3.797566e+02	8.541625e+07
## 890	4.28	54	2.4	3.253826e+02	8.318489e+07
## 891	4.69	5	2.8	2.433268e+02	8.149000e+03
## 892	4.47	46	3.3	1.937950e+02	7.885689e+06
## 893	4.20	44	3.7	1.616266e+02	7.672783e+06

## 894	4.23	4	4.1	1.357624e+02	7.462445e+06
## 895	4.64	37	4.4	1.188734e+02	7.254514e+07
## 896	4.73	35	4.6	1.113634e+02	7.497192e+06
## 897	4.26	32	4.9	1.217893e+01	6.849226e+07
## 898	4.36	3	5.0	1.238763e+02	6.653733e+07
## 899	NA	99	0.1	4.921896e+03	8.921490e+05
## 900	4.49	99	0.1	5.463728e+02	8.858600e+04
## 901	4.26	99	0.1	4.763690e+03	8.797150e+05
## 902	4.16	99	0.1	4.546739e+03	8.735960e+05
## 903	4.60	99	0.1	4.353121e+03	8.678600e+04
## 904	4.23	99	0.1	3.651967e+03	8.599500e+04
## 905	4.26	99	0.1	3.369482e+03	8.519670e+05
## 906	3.68	99	0.1	4.177658e+03	8.433400e+04
## 907	3.74	99	0.1	4.788233e+02	8.348120e+05
## 908	3.84	98	0.1	3.749940e+03	8.274110e+05
## 909	3.61	96	0.1	3.658638e+03	8.218170e+05
## 910	3.61	95	0.1	3.332919e+03	8.183540e+05
## 911	3.35	94	0.1	2.835974e+03	8.166280e+05
## 912	3.48	93	0.1	2.259558e+03	8.156910e+05
## 913	3.28	91	0.1	2.388917e+02	8.142180e+05
## 914	3.87	9	0.1	2.761338e+02	8.112230e+05
## 915	NA	97	0.1	4.245397e+03	5.479531e+06
## 916	9.68	98	0.1	4.991462e+04	5.461512e+06
## 917	9.55	98	0.1	4.963877e+04	5.438972e+06
## 918	9.30	99	0.1	4.741556e+04	5.413971e+06
## 919	9.10	99	0.1	5.797242e+02	5.388272e+06
## 920	9.50	99	0.1	4.622415e+03	5.363352e+06
## 921	9.20	99	0.1	4.717156e+03	5.338871e+06
## 922	8.35	99	0.1	5.341315e+03	5.313399e+06
## 923	8.90	99	0.1	4.828855e+04	5.288720e+05
## 924	8.38	97	0.1	4.112677e+03	5.266268e+06
## 925	8.43	97	0.1	3.896917e+04	5.246960e+05
## 926	8.21	98	0.1	3.763611e+04	5.228172e+06
## 927	8.15	98	0.1	3.281617e+04	5.213140e+05
## 928	7.81	98	0.1	2.683426e+04	5.259800e+04
## 929	7.43	98	0.1	2.491324e+04	5.188800e+04
## 930	7.22	99	0.1	2.425325e+04	5.176290e+05
## 931	NA	98	0.1	3.652677e+04	6.662468e+06
## 932	11.54	98	0.1	4.295524e+04	6.633196e+07
## 933	11.56	99	0.1	4.255412e+04	6.599857e+06
## 934	11.44	99	0.1	4.838244e+03	6.565979e+06
## 935	11.33	99	0.1	4.381288e+03	6.534278e+07
## 936	11.20	99	0.1	4.733428e+02	6.527512e+06
## 937	11.28	98	0.1	4.163113e+04	6.477440e+05
## 938	1.57	98	0.1	4.541366e+04	6.437499e+06
## 939	1.45	98	0.1	4.165840e+02	6.416229e+06
## 940	1.53	99	0.1	3.654459e+04	6.362138e+07
## 941	1.60	98	0.1	3.487973e+04	6.317936e+07
## 942	1.53	98	0.1	3.387474e+04	6.274897e+06
## 943	1.43	97	0.1	2.969118e+04	6.224488e+07

## 944	1.22	97	0.1	2.427524e+04	6.185267e+06
## 945	9.89	97	0.1	2.252732e+04	6.135743e+07
## 946	9.77	97	0.1	2.246564e+04	6.912498e+06
## 947	NA	8	2.7	7.388984e+03	1.931750e+05
## 948	3.44	7	2.8	9.692164e+03	1.875713e+06
## 949	3.98	79	3.7	9.679743e+03	1.817271e+06
## 950	3.13	82	4.9	9.774181e+03	1.756817e+06
## 951	3.12	75	6.0	1.716226e+03	1.697110e+05
## 952	3.41	67	7.0	8.754113e+03	1.642100e+04
## 953	3.43	76	8.0	7.636622e+02	1.586754e+06
## 954	2.54	82	8.9	1.942746e+02	1.536411e+06
## 955	2.86	81	10.0	8.352817e+03	1.489193e+06
## 956	2.88	45	10.7	7.277773e+02	1.444844e+06
## 957	2.76	45	10.9	6.741294e+03	1.431260e+05
## 958	3.26	45	11.1	5.685578e+03	1.364250e+05
## 959	3.48	45	11.0	4.892116e+03	1.328146e+06
## 960	3.22	45	10.7	4.125527e+02	1.294490e+05
## 961	3.23	45	10.1	3.976149e+03	1.262259e+06
## 962	2.89	45	9.5	4.116467e+03	1.231122e+06
## 963	NA	97	1.7	NA	NA
## 964	7.34	96	1.7	NA	NA
## 965	6.49	97	1.6	NA	NA
## 966	6.12	98	1.4	NA	NA
## 967	6.24	96	1.8	NA	NA
## 968	5.75	97	2.1	NA	NA
## 969	5.85	98	2.7	NA	NA
## 970	5.95	96	3.0	NA	NA
## 971	5.76	95	3.1	NA	NA
## 972	5.52	95	3.0	NA	NA
## 973	4.97	95	3.0	NA	NA
## 974	4.35	87	2.9	NA	NA
## 975	4.22	87	2.7	NA	NA
## 976	3.75	87	2.5	NA	NA
## 977	3.71	87	2.3	NA	NA
## 978	3.61	8	2.0	NA	NA
## 979	NA	94	0.1	3.764649e+03	3.717100e+04
## 980	7.42	91	0.1	4.429658e+03	3.727000e+03
## 981	7.25	93	0.1	4.274377e+03	3.776000e+03
## 982	8.57	92	0.1	4.142869e+03	3.825000e+03
## 983	9.38	94	0.1	3.725632e+03	3.875000e+03
## 984	1.50	92	0.1	2.964477e+03	3.926000e+03
## 985	1.19	88	0.1	2.765885e+02	3.978000e+03
## 986	8.99	92	0.1	3.174949e+03	4.300000e+01
## 987	8.17	98	0.1	2.492129e+03	4.820000e+02
## 988	8.39	88	0.1	1.872684e+03	4.136000e+03
## 989	8.60	82	0.1	1.535752e+02	4.190000e+02
## 990	8.53	78	0.1	1.273672e+02	4.245000e+03
## 991	8.49	75	0.1	9.281823e+02	4.310000e+02
## 992	8.72	84	0.1	7.793846e+02	4.357000e+03
## 993	7.82	87	0.1	7.339741e+02	4.386400e+04

## 994	6.94	8	0.1	6.919977e+02	4.418300e+04
## 995	NA	95	0.1	4.117688e+04	8.168661e+07
## 996	11.30	95	0.1	4.792653e+03	8.982500e+04
## 997	11.16	95	0.1	4.653911e+03	8.645650e+05
## 998	1.99	95	0.1	4.465249e+03	8.425823e+06
## 999	1.93	95	0.1	4.681328e+03	8.274983e+06
## 1000	11.25	95	0.1	4.178556e+04	8.177693e+06
## 1001	11.40	96	0.1	4.173277e+04	8.192370e+05
## 1002	1.39	96	0.1	4.569920e+04	8.211970e+05
## 1003	1.18	96	0.1	4.181482e+04	8.226637e+07
## 1004	1.34	96	0.1	3.644787e+04	8.237645e+07
## 1005	1.52	96	0.1	3.469663e+04	8.246942e+07
## 1006	1.37	96	0.1	3.416593e+04	8.251626e+06
## 1007	1.62	97	0.1	3.359952e+03	8.253418e+07
## 1008	1.40	93	0.1	2.525164e+03	8.248850e+07
## 1009	1.15	93	0.1	2.368732e+04	8.234993e+07
## 1010	1.10	9	0.1	2.371875e+04	8.221158e+06
## 1011	NA	88	0.7	1.361114e+03	2.758282e+07
## 1012	3.56	98	0.8	1.432228e+03	2.696256e+07
## 1013	4.63	9	0.9	1.814492e+03	2.634625e+07
## 1014	4.79	92	0.9	1.629822e+03	2.573349e+06
## 1015	4.81	91	1.3	1.574979e+03	2.512180e+07
## 1016	5.33	94	1.9	1.312676e+03	2.451214e+06
## 1017	5.17	94	2.1	1.867654e+02	2.393831e+06
## 1018	4.85	93	2.2	1.224416e+03	2.329864e+06
## 1019	5.30	94	2.6	1.968672e+01	2.272120e+05
## 1020	4.64	84	2.9	9.229352e+02	2.211343e+07
## 1021	4.51	84	3.1	4.981724e+02	2.154290e+05
## 1022	3.96	8	3.2	4.231936e+02	2.986536e+06
## 1023	3.12	8	3.4	3.732816e+02	2.446782e+06
## 1024	3.70	78	3.5	3.948447e+01	1.992452e+07
## 1025	3.56	79	3.5	2.736597e+02	1.942165e+06
## 1026	3.00	88	3.6	2.631125e+02	1.893876e+07
## 1027	NA	99	0.1	1.877899e+02	1.828830e+05
## 1028	8.80	99	0.1	2.167378e+04	1.892413e+06
## 1029	9.26	99	0.1	2.187482e+04	1.965211e+06
## 1030	9.24	99	0.1	2.224268e+04	1.145110e+05
## 1031	9.77	99	0.1	2.591629e+04	1.114899e+06
## 1032	9.18	99	0.1	2.691776e+04	1.112134e+07
## 1033	9.76	99	0.1	2.971973e+03	1.117170e+05
## 1034	9.76	99	0.1	3.199728e+04	1.177841e+06
## 1035	9.41	99	0.1	2.882733e+04	1.148473e+06
## 1036	9.34	98	0.1	2.481158e+03	1.123620e+05
## 1037	9.36	96	0.1	2.255174e+04	1.987314e+06
## 1038	8.30	95	0.1	2.195515e+04	1.955141e+06
## 1039	8.61	94	0.1	1.847758e+04	1.928700e+04
## 1040	8.72	92	0.1	1.411313e+03	1.922200e+04
## 1041	8.47	91	0.1	1.253818e+04	1.862132e+06
## 1042	7.60	89	0.1	1.242954e+03	1.858800e+04
## 1043	NA	92	0.1	9.212193e+03	NA

## 1044	6.10	97	0.1	8.569777e+03	NA
## 1045	6.15	97	0.1	7.955616e+03	NA
## 1046	6.36	97	0.1	7.583187e+03	NA
## 1047	6.35	95	0.1	7.414844e+02	NA
## 1048	6.41	97	0.1	7.365667e+03	NA
## 1049	6.24	99	0.1	7.395881e+03	NA
## 1050	5.76	99	0.1	7.946944e+03	NA
## 1051	5.88	96	0.1	7.322597e+03	NA
## 1052	5.99	91	0.1	6.764723e+03	NA
## 1053	5.50	99	0.1	6.754512e+03	NA
## 1054	5.24	83	0.1	5.836178e+03	NA
## 1055	5.89	97	0.1	5.773736e+03	NA
## 1056	6.67	98	0.1	5.292232e+03	NA
## 1057	7.67	96	0.1	5.199587e+02	NA
## 1058	6.62	97	0.1	5.117590e+03	NA
## 1059	NA	74	0.4	3.923573e+03	1.625243e+07
## 1060	6.20	73	0.4	3.687764e+03	1.592356e+07
## 1061	6.30	85	0.4	3.452829e+03	1.559621e+07
## 1062	6.33	96	0.4	3.299651e+03	1.527156e+06
## 1063	6.28	88	0.4	3.187845e+03	1.494892e+07
## 1064	6.64	94	0.4	2.825525e+03	1.463417e+06
## 1065	6.79	92	0.4	2.635753e+03	1.431628e+06
## 1066	6.65	95	0.4	2.794222e+03	1.463660e+05
## 1067	6.86	85	0.4	2.489956e+03	1.372860e+05
## 1068	7.70	89	0.4	2.256567e+03	1.339780e+05
## 1069	6.79	87	0.4	2.778344e+02	1.396280e+05
## 1070	6.77	87	0.4	1.872738e+03	1.279693e+07
## 1071	6.88	84	0.4	1.753349e+03	1.254780e+05
## 1072	6.71	82	0.3	1.717715e+02	1.228848e+06
## 1073	6.76	77	0.3	1.568376e+03	1.192495e+07
## 1074	5.25	81	0.2	1.655596e+03	1.165743e+06
## 1075	NA	54	0.5	5.544877e+02	1.291533e+06
## 1076	5.64	51	0.5	5.619974e+02	1.185590e+05
## 1077	5.49	63	1.0	5.416932e+01	1.153662e+07
## 1078	5.39	62	1.9	5.234856e+01	1.128147e+07
## 1079	4.73	63	2.0	4.592912e+02	1.135170e+05
## 1080	4.55	64	2.2	4.387513e+02	1.794170e+05
## 1081	3.85	57	2.3	4.366896e+02	1.556524e+06
## 1082	3.21	6	2.3	4.374467e+02	1.323142e+06
## 1083	3.80	63	2.4	4.945678e+01	1.967270e+05
## 1084	3.20	57	2.6	2.966838e+02	9.881428e+06
## 1085	2.82	59	2.7	3.342450e+01	9.679745e+06
## 1086	3.14	6	2.8	3.863288e+02	9.492290e+05
## 1087	3.45	57	2.9	3.719318e+01	9.398480e+05
## 1088	3.76	53	3.0	3.228112e+02	9.137345e+06
## 1089	3.65	5	3.0	3.158398e+02	8.971139e+06
## 1090	3.46	46	3.0	3.451692e+01	8.885460e+05
## 1091	NA	87	3.2	5.968717e+02	1.775260e+05
## 1092	5.59	87	3.4	6.426256e+02	1.725744e+06
## 1093	6.14	87	4.5	6.156635e+01	1.681495e+06

## 1094	5.96	87	5.3	6.775188e+01	1.638139e+06
## 1095	5.46	86	5.7	6.926999e+02	1.596154e+06
## 1096	6.70	83	5.9	5.439574e+02	1.555880e+05
## 1097	6.81	8	6.0	5.442228e+02	1.517448e+06
## 1098	6.50	77	6.0	5.835446e+02	1.488410e+05
## 1099	6.10	74	5.7	4.816950e+02	1.445958e+06
## 1100	5.87	71	5.6	4.189445e+02	1.412669e+06
## 1101	5.72	68	5.4	4.249535e+02	1.388380e+05
## 1102	5.41	64	5.0	3.933138e+02	1.353450e+05
## 1103	5.62	6	4.6	3.657186e+01	1.321220e+05
## 1104	5.84	57	4.1	3.214813e+02	1.293523e+06
## 1105	5.40	53	3.6	3.948675e+01	1.267512e+06
## 1106	4.94	49	3.1	2.977519e+02	1.243229e+06
## 1107	NA	95	0.3	4.136690e+03	7.685140e+05
## 1108	5.25	98	0.3	4.382321e+01	7.633930e+05
## 1109	5.10	98	0.3	3.944178e+03	7.588100e+04
## 1110	6.57	97	0.3	3.785936e+03	7.539100e+04
## 1111	6.80	93	0.4	3.439598e+03	7.491000e+03
## 1112	6.60	95	0.4	3.262812e+02	7.465560e+05
## 1113	7.32	98	0.3	2.716353e+03	7.456930e+05
## 1114	7.46	93	0.8	2.576125e+03	7.463140e+05
## 1115	6.45	94	1.9	2.327583e+03	7.478690e+05
## 1116	4.67	93	1.1	1.945639e+03	7.496100e+04
## 1117	5.83	93	1.8	1.984552e+02	7.594600e+04
## 1118	5.73	91	1.9	1.455886e+02	7.516520e+05
## 1119	5.97	9	2.1	9.867958e+02	7.518570e+05
## 1120	5.84	91	2.3	9.686748e+01	7.518840e+05
## 1121	5.82	85	1.7	9.255825e+02	7.522630e+05
## 1122	5.85	88	1.1	9.465994e+02	7.533100e+04
## 1123	NA	6	0.5	8.145464e+02	1.711610e+05
## 1124	7.56	48	0.5	8.311481e+01	1.572466e+06
## 1125	8.10	68	0.5	8.126567e+01	1.431776e+06
## 1126	9.88	67	0.8	7.668438e+02	1.289210e+05
## 1127	1.41	68	1.5	7.493585e+01	1.145540e+05
## 1128	8.90	66	1.9	6.622795e+02	9.999617e+06
## 1129	6.68	65	2.0	6.682976e+02	9.852870e+05
## 1130	5.92	63	2.4	6.747564e+02	9.752900e+04
## 1131	5.56	63	2.7	6.158198e+02	9.556889e+06
## 1132	5.70	6	3.3	5.547626e+01	9.494570e+05
## 1133	4.41	6	3.9	4.653119e+02	9.263440e+05
## 1134	5.61	55	4.3	3.879430e+02	9.119178e+06
## 1135	5.32	53	4.6	3.297829e+02	8.976552e+06
## 1136	5.47	48	4.8	3.931633e+02	8.834733e+06
## 1137	5.63	45	5.0	4.137383e+02	8.692567e+06
## 1138	6.60	41	5.1	4.624865e+02	8.549200e+04
## 1139	NA	97	0.3	2.326159e+03	8.968290e+05
## 1140	8.72	97	0.3	2.242712e+03	8.892160e+05
## 1141	9.15	97	0.4	2.136774e+03	8.657785e+06
## 1142	9.78	97	0.4	2.178383e+03	8.556460e+05
## 1143	8.57	97	0.4	2.125848e+02	8.351600e+04

## 1144	8.45	97	0.4	1.932858e+03	8.194778e+06
## 1145	8.84	97	0.5	1.815489e+03	8.352100e+04
## 1146	8.40	93	0.6	1.751596e+03	7.872658e+06
## 1147	7.89	94	0.7	1.592572e+03	7.779720e+05
## 1148	7.63	95	0.8	1.437629e+03	7.541460e+05
## 1149	7.81	98	0.9	1.311742e+03	7.373430e+05
## 1150	7.89	94	1.2	1.217658e+03	7.241530e+05
## 1151	8.29	92	1.4	1.157343e+03	7.338210e+05
## 1152	7.28	95	1.5	1.132872e+03	6.863157e+06
## 1153	6.88	96	1.6	1.134546e+02	6.693610e+05
## 1154	6.63	94	1.7	1.887832e+02	6.524283e+06
## 1155	NA	99	0.1	1.236563e+04	9.843280e+05
## 1156	7.40	99	0.1	1.411798e+04	9.866468e+06
## 1157	7.53	99	0.1	1.361361e+04	9.893820e+05
## 1158	7.74	99	0.1	1.283432e+04	9.923620e+05
## 1159	7.84	99	0.1	1.448880e+03	9.971727e+06
## 1160	7.85	99	0.1	1.325534e+03	1.230000e+02
## 1161	7.55	99	0.1	1.296717e+04	1.226500e+04
## 1162	7.33	99	0.1	1.566926e+04	1.381880e+05
## 1163	7.51	99	0.1	1.384265e+04	1.557800e+04
## 1164	8.10	99	0.1	1.139877e+04	1.713700e+04
## 1165	8.28	99	0.1	1.116172e+04	1.876500e+04
## 1166	8.80	99	0.1	1.259527e+03	1.171460e+05
## 1167	8.42	99	0.1	8.396253e+03	1.129552e+06
## 1168	7.47	99	0.1	6.656443e+02	1.158680e+05
## 1169	7.11	99	0.1	5.278536e+02	1.187576e+06
## 1170	7.60	99	0.1	4.623467e+03	1.219710e+05
## 1171	NA	92	0.1	5.734444e+03	3.381500e+04
## 1172	8.86	9	0.1	5.247311e+04	3.273860e+05
## 1173	8.75	91	0.1	4.781389e+03	3.237640e+05
## 1174	8.68	89	0.1	4.433385e+04	3.271600e+04
## 1175	8.65	95	0.1	4.621700e+01	3.191400e+04
## 1176	8.86	96	0.1	4.167645e+04	3.184100e+04
## 1177	9.12	96	0.1	4.461893e+03	3.184990e+05
## 1178	8.80	98	0.1	5.557529e+04	3.174140e+05
## 1179	8.75	97	0.1	6.834832e+04	3.115660e+05
## 1180	8.96	97	0.1	5.613541e+03	3.378200e+04
## 1181	9.21	95	0.1	5.624976e+04	2.967340e+05
## 1182	9.59	99	0.1	4.691727e+04	2.927400e+04
## 1183	1.70	97	0.1	3.944999e+03	2.895210e+05
## 1184	9.86	95	0.1	3.199622e+04	2.875230e+05
## 1185	9.12	92	0.1	2.858593e+04	2.849680e+05
## 1186	9.28	98	0.1	3.181337e+04	2.812500e+04
## 1187	NA	87	0.2	1.613189e+03	1.395398e+06
## 1188	4.69	85	0.2	1.573119e+03	1.293859e+09
## 1189	4.53	83	0.2	1.452195e+03	1.278562e+08
## 1190	4.39	82	0.2	1.446985e+03	1.263659e+08
## 1191	4.33	82	0.2	1.461672e+03	1.247236e+08
## 1192	4.28	79	0.2	1.345772e+03	1.239869e+07
## 1193	4.38	74	0.2	1.931777e+01	1.214271e+08

## 1194	4.34	7	0.3	9.914846e+02	1.197147e+08
## 1195	4.23	64	0.3	1.181664e+02	1.179681e+09
## 1196	4.25	65	0.3	7.922597e+02	1.161978e+09
## 1197	4.28	65	0.3	7.781900e+01	1.144119e+09
## 1198	4.22	63	0.3	6.213184e+02	1.126136e+09
## 1199	4.30	61	0.3	5.411352e+02	1.182785e+07
## 1200	4.40	59	0.3	4.662842e+02	1.898711e+07
## 1201	4.50	59	0.3	4.471390e+02	1.714779e+08
## 1202	4.26	58	0.3	4.388646e+02	1.535912e+06
## 1203	NA	78	0.3	3.336167e+03	2.581621e+08
## 1204	2.85	78	0.3	3.491596e+03	2.551311e+08
## 1205	2.93	85	0.3	3.626640e+02	2.523226e+07
## 1206	2.90	83	0.3	3.687954e+03	2.488832e+08
## 1207	2.71	81	0.3	3.634277e+03	2.457751e+07
## 1208	2.74	81	0.3	3.113486e+03	2.425241e+08
## 1209	2.83	78	0.3	2.254446e+03	2.393448e+07
## 1210	2.81	77	0.2	2.165277e+02	2.361593e+08
## 1211	3.10	73	0.2	1.855939e+03	2.329891e+08
## 1212	2.91	72	0.1	1.586254e+03	2.298382e+07
## 1213	2.79	72	0.1	1.269288e+02	2.267127e+07
## 1214	2.37	71	0.1	1.148570e+03	2.236146e+08
## 1215	2.53	71	0.1	1.645945e+02	2.254521e+07
## 1216	2.27	7	0.1	8.995557e+02	2.175859e+06
## 1217	2.23	76	0.1	7.479817e+02	2.145652e+06
## 1218	1.98	75	0.1	7.892744e+01	2.115443e+07
## 1219	NA	98	0.1	NA	NA
## 1220	6.89	99	0.1	NA	NA
## 1221	6.49	98	0.1	NA	NA
## 1222	6.98	99	0.1	NA	NA
## 1223	7.12	99	0.1	NA	NA
## 1224	8.20	99	0.1	NA	NA
## 1225	7.63	99	0.1	NA	NA
## 1226	6.28	99	0.1	NA	NA
## 1227	5.84	99	0.1	NA	NA
## 1228	5.95	98	0.1	NA	NA
## 1229	6.60	95	0.1	NA	NA
## 1230	5.89	99	0.1	NA	NA
## 1231	5.42	99	0.1	NA	NA
## 1232	5.39	99	0.1	NA	NA
## 1233	5.20	96	0.1	NA	NA
## 1234	4.47	99	0.1	NA	NA
## 1235	NA	58	0.1	4.974269e+03	3.611565e+07
## 1236	5.54	64	0.1	6.737474e+02	3.568000e+03
## 1237	5.92	68	0.1	6.925224e+03	3.388315e+07
## 1238	5.26	69	0.1	6.651122e+03	3.277657e+07
## 1239	3.32	79	0.1	5.854614e+03	3.172753e+06
## 1240	3.82	74	0.1	4.527495e+02	3.762710e+05
## 1241	4.65	78	0.1	3.735145e+03	2.989465e+07
## 1242	3.93	69	0.1	4.521325e+03	2.911142e+07
## 1243	3.69	57	0.1	3.129225e+03	2.839433e+06

## 1244	3.00	59	0.1	2.351812e+03	2.769791e+07
## 1245	4.13	65	0.1	1.849639e+03	2.784260e+05
## 1246	5.61	74	0.1	1.391817e+03	2.631669e+06
## 1247	4.36	75	0.1	NA	2.562763e+07
## 1248	NA	77	0.1	NA	2.493930e+07
## 1249	NA	78	0.1	NA	2.425165e+07
## 1250	NA	8	0.1	NA	2.356541e+07
## 1251	NA	95	0.1	6.664144e+03	4.676835e+06
## 1252	7.78	96	0.1	5.553326e+03	4.617225e+06
## 1253	8.10	96	0.1	5.234767e+03	4.598294e+06
## 1254	8.32	95	0.1	4.923136e+04	4.586897e+06
## 1255	8.15	95	0.1	5.256753e+04	4.576794e+06
## 1256	8.76	94	0.1	4.853859e+04	4.561550e+05
## 1257	9.53	94	0.1	5.198379e+04	4.535375e+06
## 1258	8.64	93	0.1	6.123542e+04	4.489544e+06
## 1259	7.57	92	0.1	6.138817e+04	4.398942e+06
## 1260	7.22	91	0.1	5.432697e+04	4.273591e+06
## 1261	7.27	9	0.1	5.886828e+03	4.159914e+06
## 1262	7.34	89	0.1	4.763164e+04	4.726200e+04
## 1263	7.50	86	0.1	4.117155e+03	3.996521e+06
## 1264	6.85	83	0.1	3.253919e+04	3.931947e+06
## 1265	6.60	84	0.1	2.822356e+04	3.866243e+06
## 1266	6.30	86	0.1	2.624192e+04	3.851740e+05
## 1267	NA	95	0.1	3.572937e+04	8.381000e+03
## 1268	7.81	95	0.1	3.758285e+04	8.215700e+04
## 1269	7.89	96	0.1	3.639367e+04	8.595000e+03
## 1270	7.73	94	0.1	3.256960e+04	7.915000e+03
## 1271	7.39	94	0.1	3.365716e+04	7.765800e+04
## 1272	7.36	95	0.1	3.661994e+03	7.623600e+04
## 1273	7.46	96	0.1	2.779588e+04	7.485600e+04
## 1274	7.33	94	0.1	2.965744e+04	7.388000e+03
## 1275	7.37	95	0.1	2.586370e+02	7.181000e+03
## 1276	7.38	95	0.1	2.195177e+03	7.537000e+03
## 1277	7.44	93	0.1	2.611179e+03	6.931000e+03
## 1278	7.35	95	0.1	1.988817e+04	6.890000e+02
## 1279	7.44	93	0.1	1.894700e+04	6.689700e+04
## 1280	7.49	9	0.1	1.843116e+04	6.570000e+02
## 1281	7.61	92	0.1	2.361965e+02	6.439000e+03
## 1282	7.13	93	0.1	2.152143e+03	6.289000e+03
## 1283	NA	93	0.1	3.491476e+02	6.735820e+05
## 1284	9.25	95	0.1	3.539667e+04	6.789140e+05
## 1285	9.22	96	0.1	3.537274e+03	6.233948e+06
## 1286	9.28	97	0.1	3.481412e+04	5.953972e+07
## 1287	9.27	96	0.1	3.833468e+04	5.937945e+07
## 1288	9.42	96	0.1	3.584937e+04	5.927742e+07
## 1289	9.41	96	0.1	3.697685e+04	5.995365e+06
## 1290	8.89	96	0.1	4.641846e+02	5.882673e+07
## 1291	8.48	97	0.1	3.769879e+04	5.843831e+06
## 1292	8.82	96	0.1	3.341748e+03	5.814398e+07
## 1293	8.71	95	0.1	3.195926e+04	5.796948e+07

## 1294	8.49	94	0.1 3.117456e+04 5.768533e+07
## 1295	8.17	96	0.1 2.738723e+04 5.731323e+06
## 1296	8.23	93	0.1 2.219657e+04 5.759700e+04
## 1297	8.11	93	0.1 2.481900e+01 5.697410e+05
## 1298	7.91	87	0.1 2.512426e+02 5.694218e+06
## 1299	NA	91	0.5 4.965990e+03 2.871934e+06
## 1300	5.36	92	0.5 4.855744e+03 2.862870e+05
## 1301	5.91	93	0.6 5.614495e+01 2.851870e+05
## 1302	5.66	96	0.5 5.213336e+02 2.849920e+05
## 1303	5.21	92	0.6 5.135495e+02 2.829493e+06
## 1304	5.30	94	0.5 4.682728e+03 2.817210e+05
## 1305	5.16	9	0.6 4.293383e+03 2.848200e+04
## 1306	5.40	91	0.4 4.924924e+02 2.791220e+05
## 1307	4.87	92	0.9 4.625179e+02 2.775467e+06
## 1308	4.22	95	1.5 4.313168e+03 2.762790e+05
## 1309	4.70	99	1.9 4.822476e+02 2.744673e+06
## 1310	4.80	98	2.3 3.719974e+03 2.728777e+06
## 1311	4.56	96	2.3 3.465222e+03 2.712511e+06
## 1312	4.86	99	2.3 3.596496e+03 2.695446e+06
## 1313	5.34	99	2.2 3.394878e+03 2.677110e+05
## 1314	5.81	93	2.2 3.368742e+02 2.656864e+06
## 1315	NA	96	0.1 3.447414e+04 1.271410e+05
## 1316	1.23	96	0.1 3.896212e+03 1.272760e+05
## 1317	1.25	96	0.1 4.454447e+03 1.274450e+05
## 1318	1.17	97	0.1 4.863477e+03 1.276290e+05
## 1319	1.70	97	0.1 4.816800e+04 1.278330e+05
## 1320	9.58	97	0.1 4.457676e+03 1.287000e+03
## 1321	9.51	97	0.1 4.855176e+03 1.284700e+04
## 1322	8.60	98	0.1 3.933930e+04 1.286300e+04
## 1323	8.25	98	0.1 3.527523e+04 1.281000e+03
## 1324	8.19	98	0.1 3.543399e+04 1.278540e+05
## 1325	8.18	98	0.1 3.721765e+04 1.277730e+05
## 1326	8.30	99	0.1 3.768872e+04 1.277610e+05
## 1327	8.00	97	0.1 3.488399e+03 1.277180e+05
## 1328	7.85	96	0.1 3.228936e+04 1.274450e+05
## 1329	7.75	95	0.1 3.384647e+04 1.271490e+05
## 1330	7.53	85	0.1 3.853249e+04 1.268430e+05
## 1331	NA	99	0.1 4.969928e+02 9.159320e+05
## 1332	7.45	98	0.1 4.669477e+02 8.893600e+04
## 1333	7.23	98	0.1 3.992867e+03 8.413464e+06
## 1334	8.00	98	0.1 3.877532e+02 7.992573e+06
## 1335	8.39	98	0.1 3.873241e+02 7.574943e+06
## 1336	8.42	98	0.1 3.679193e+03 7.182390e+05
## 1337	9.54	98	0.1 3.492140e+03 6.821116e+06
## 1338	8.78	97	0.1 3.385697e+03 6.489822e+06
## 1339	8.35	98	0.1 2.762864e+03 6.193191e+06
## 1340	8.80	98	0.1 2.537349e+03 5.934232e+06
## 1341	8.88	95	0.1 2.238379e+02 5.714111e+06
## 1342	9.50	95	0.1 2.614569e+02 5.535595e+06
## 1343	9.15	97	0.1 1.889214e+03 5.396774e+06

## 1344	9.68	95	0.1	1.812288e+03	5.287488e+06
## 1345	9.90	99	0.1	1.728266e+03	5.193482e+06
## 1346	9.65	91	0.1	1.657889e+03	5.131300e+04
## 1347	NA	98	0.1	1.599817e+02	1.754413e+07
## 1348	4.36	95	0.1	1.286565e+03	1.728922e+07
## 1349	4.30	98	0.1	1.389856e+03	1.735275e+06
## 1350	4.32	99	0.1	1.238719e+04	1.679143e+07
## 1351	4.60	99	0.1	1.163442e+04	1.655660e+05
## 1352	4.42	99	0.1	9.764997e+01	1.632158e+07
## 1353	4.13	98	0.1	7.165278e+03	1.692710e+05
## 1354	3.65	99	0.1	8.513565e+03	1.567400e+04
## 1355	3.19	93	0.1	6.771415e+03	1.548419e+07
## 1356	3.73	99	0.1	5.291576e+03	1.538840e+05
## 1357	4.70	98	0.1	3.771279e+03	1.514729e+06
## 1358	3.95	82	0.1	2.874288e+03	1.512985e+06
## 1359	3.70	99	0.1	2.681237e+02	1.499180e+05
## 1360	3.61	95	0.1	1.658311e+03	1.485895e+07
## 1361	3.47	95	0.1	1.499268e+02	1.485834e+07
## 1362	4.16	97	0.1	1.229958e+03	1.488363e+07
## 1363	NA	89	2.8	1.349971e+03	4.723626e+07
## 1364	5.72	92	2.9	1.335646e+03	4.624250e+05
## 1365	5.57	87	3.0	1.229115e+03	4.482685e+07
## 1366	5.49	94	3.0	1.155258e+03	4.364663e+07
## 1367	5.23	96	3.4	9.874454e+02	4.248684e+07
## 1368	3.97	9	4.3	9.673477e+02	4.135152e+06
## 1369	4.17	88	5.0	9.281625e+01	4.237240e+05
## 1370	3.90	88	6.4	9.168993e+02	3.914842e+07
## 1371	4.80	81	9.1	8.391811e+02	3.885990e+05
## 1372	4.24	8	10.3	6.976639e+02	3.752500e+04
## 1373	4.36	76	11.6	5.197999e+02	3.648288e+06
## 1374	4.29	73	13.2	4.588844e+02	3.574931e+06
## 1375	4.45	73	14.5	4.366875e+02	3.413852e+06
## 1376	4.54	84	15.7	3.958494e+02	3.321490e+05
## 1377	4.62	8	16.9	4.177636e+01	3.232148e+07
## 1378	4.68	82	18.1	4.397971e+01	3.145483e+06
## 1379	NA	78	0.1	1.424484e+03	1.124700e+04
## 1380	1.21	75	0.1	1.684543e+03	1.145800e+04
## 1381	1.15	95	0.1	1.724362e+03	1.853500e+04
## 1382	1.37	94	0.1	1.763815e+03	1.661300e+04
## 1383	1.42	99	0.1	1.692613e+03	1.465600e+04
## 1384	1.52	91	0.1	1.493165e+03	1.265200e+04
## 1385	12.24	86	0.1	1.297285e+03	1.568000e+03
## 1386	12.23	82	0.1	1.413323e+03	9.844000e+03
## 1387	13.66	94	0.1	1.357632e+03	9.631100e+04
## 1388	1.93	86	0.1	1.151556e+03	9.426000e+03
## 1389	1.60	79	0.1	1.214557e+03	9.232500e+04
## 1390	1.39	62	0.1	1.136286e+02	9.542000e+03
## 1391	9.98	7	0.1	1.153865e+02	8.889500e+04
## 1392	9.10	77	0.1	8.265855e+02	8.734300e+04
## 1393	9.00	85	0.1	7.349492e+02	8.585800e+04

## 1394	8.12	9	0.1	7.967938e+02	8.446000e+03
## 1395	NA	99	0.1	2.897542e+04	NA
## 1396	3.40	95	0.1	4.299648e+04	NA
## 1397	2.56	99	0.1	4.839996e+04	NA
## 1398	2.57	98	0.1	5.126471e+04	NA
## 1399	2.62	99	0.1	4.826859e+04	NA
## 1400	2.76	98	0.1	3.849762e+04	NA
## 1401	3.87	99	0.1	3.756731e+04	NA
## 1402	1.93	99	0.1	5.557200e+04	NA
## 1403	2.13	99	0.1	4.579398e+04	NA
## 1404	2.25	99	0.1	4.271756e+04	NA
## 1405	2.38	99	0.1	3.549261e+03	NA
## 1406	2.76	98	0.1	2.692183e+04	NA
## 1407	3.23	99	0.1	2.271570e+03	NA
## 1408	3.56	99	0.1	1.778942e+04	NA
## 1409	3.61	99	0.1	1.654968e+03	NA
## 1410	2.51	98	0.1	1.838938e+04	NA
## 1411	NA	97	0.1	NA	NA
## 1412	6.48	96	0.1	NA	NA
## 1413	6.68	97	0.1	NA	NA
## 1414	6.97	96	0.1	NA	NA
## 1415	6.18	96	0.2	NA	NA
## 1416	6.66	96	0.1	NA	NA
## 1417	6.79	95	0.1	NA	NA
## 1418	6.70	95	0.2	NA	NA
## 1419	6.87	94	0.1	NA	NA
## 1420	6.73	92	0.1	NA	NA
## 1421	5.82	98	0.1	NA	NA
## 1422	5.57	99	0.1	NA	NA
## 1423	5.43	98	0.1	NA	NA
## 1424	5.43	98	0.1	NA	NA
## 1425	4.79	99	0.1	NA	NA
## 1426	4.68	99	0.1	NA	NA
## 1427	NA	89	0.2	NA	NA
## 1428	1.87	88	0.2	NA	NA
## 1429	2.00	87	0.3	NA	NA
## 1430	2.12	79	0.3	NA	NA
## 1431	2.20	78	0.3	NA	NA
## 1432	2.75	74	0.3	NA	NA
## 1433	3.77	67	0.2	NA	NA
## 1434	2.77	61	0.2	NA	NA
## 1435	4.14	5	0.2	NA	NA
## 1436	4.14	57	0.2	NA	NA
## 1437	4.32	49	0.2	NA	NA
## 1438	4.54	45	0.2	NA	NA
## 1439	4.91	49	0.1	NA	NA
## 1440	4.40	53	0.1	NA	NA
## 1441	4.32	52	0.1	NA	NA
## 1442	3.41	51	0.1	NA	NA
## 1443	NA	95	0.1	1.366658e+04	1.977527e+06

## 1444	5.88	92	0.1	1.572514e+04	1.993782e+06
## 1445	5.67	94	0.1	1.532229e+03	2.126470e+05
## 1446	5.91	91	0.1	1.382286e+04	2.343190e+05
## 1447	6.10	92	0.1	1.372689e+03	2.597900e+04
## 1448	6.55	92	0.1	1.132622e+04	2.975550e+05
## 1449	6.84	94	0.1	1.221937e+04	2.141669e+06
## 1450	6.63	94	0.1	1.634853e+04	2.177322e+06
## 1451	7.10	94	0.1	1.444159e+03	2.232500e+04
## 1452	6.80	96	0.1	9.667976e+03	2.218357e+06
## 1453	6.37	99	0.1	7.558743e+03	2.238799e+06
## 1454	6.51	99	0.1	6.351813e+03	2.263122e+06
## 1455	6.15	98	0.1	5.134957e+03	2.287955e+06
## 1456	6.29	97	0.1	4.132349e+03	2.311730e+05
## 1457	6.17	97	0.1	3.572851e+03	2.337170e+05
## 1458	6.00	96	0.1	3.352731e+03	2.367550e+05
## 1459	NA	81	0.1	8.466329e+02	5.851479e+06
## 1460	6.39	81	0.1	8.161461e+03	5.632790e+05
## 1461	6.63	81	0.1	8.462852e+02	5.276120e+05
## 1462	6.99	81	0.1	8.787947e+03	4.916440e+05
## 1463	7.12	81	0.1	8.734965e+03	4.588368e+06
## 1464	7.19	81	0.1	8.763826e+03	4.337141e+06
## 1465	7.42	81	0.1	8.426888e+01	4.183156e+06
## 1466	8.70	81	0.1	7.127758e+02	4.111470e+05
## 1467	8.90	8	0.1	6.142711e+02	4.864660e+05
## 1468	8.83	78	0.1	5.372659e+03	4.573500e+04
## 1469	8.42	77	0.1	5.339441e+03	3.986852e+06
## 1470	8.91	75	0.1	5.424224e+03	3.863267e+06
## 1471	9.30	74	0.1	5.425670e+03	3.714640e+05
## 1472	1.50	77	0.1	5.436595e+03	3.522837e+06
## 1473	1.90	8	0.1	5.253123e+03	3.359859e+06
## 1474	1.86	83	0.1	5.334933e+03	3.235366e+06
## 1475	NA	93	9.3	1.738289e+02	2.174645e+06
## 1476	1.62	93	9.4	1.174839e+03	2.145785e+06
## 1477	11.70	93	9.6	1.196133e+03	2.117361e+06
## 1478	11.14	95	9.0	1.281516e+03	2.899280e+05
## 1479	11.79	96	10.5	1.352384e+03	2.641660e+05
## 1480	1.87	93	13.4	1.173262e+03	2.455100e+04
## 1481	9.80	91	18.2	9.231369e+02	2.192900e+04
## 1482	8.85	88	27.3	9.344286e+02	1.999930e+05
## 1483	8.47	88	30.0	9.184327e+02	1.982287e+06
## 1484	7.12	89	34.1	9.157758e+02	1.965662e+06
## 1485	6.30	89	34.8	8.629463e+02	1.949543e+06
## 1486	6.96	9	34.6	7.815146e+02	1.933728e+06
## 1487	7.13	9	33.8	6.363628e+01	1.918970e+05
## 1488	6.91	84	32.5	4.789395e+01	1.923120e+05
## 1489	7.53	78	31.2	4.378192e+02	1.885955e+06
## 1490	6.92	83	29.8	4.748198e+02	1.868699e+06
## 1491	NA	52	0.9	4.523872e+02	4.499621e+06
## 1492	1.40	5	0.9	4.584652e+02	4.397370e+05
## 1493	9.25	76	1.1	4.541222e+02	4.286291e+06

## 1494	1.19	8	1.2	4.153620e+02	4.181563e+06
## 1495	11.23	77	1.5	3.796896e+02	4.716700e+04
## 1496	11.87	7	1.8	3.274260e+02	3.948125e+06
## 1497	14.39	81	2.1	3.366749e+01	3.811528e+06
## 1498	11.83	75	2.4	2.326173e+02	3.662993e+06
## 1499	1.24	65	2.8	2.137333e+01	3.512932e+06
## 1500	1.90	6	3.0	1.789280e+02	3.375838e+06
## 1501	8.40	6	3.1	1.686483e+02	3.261230e+05
## 1502	8.77	31	3.2	1.494453e+02	3.176414e+06
## 1503	3.44	35	3.2	1.334945e+02	3.116233e+06
## 1504	5.43	39	3.1	1.772852e+02	3.628630e+05
## 1505	6.41	42	3.1	1.741815e+02	2.991132e+06
## 1506	5.91	46	3.1	1.834150e+02	2.884522e+06
## 1507	NA	97	0.1	NA	NA
## 1508	4.97	94	0.1	NA	NA
## 1509	4.33	96	0.1	NA	NA
## 1510	4.30	98	0.1	NA	NA
## 1511	4.77	98	0.1	5.625494e+02	NA
## 1512	3.50	98	0.1	1.212562e+03	NA
## 1513	3.16	98	0.1	1.296974e+03	NA
## 1514	2.40	98	0.1	1.439649e+04	NA
## 1515	2.63	98	0.1	1.138567e+03	NA
## 1516	2.51	98	0.1	9.344988e+03	NA
## 1517	2.71	98	0.1	8.171362e+03	NA
## 1518	3.46	97	0.1	5.868364e+02	NA
## 1519	4.60	95	0.1	4.676968e+03	NA
## 1520	4.57	93	0.1	3.754426e+02	NA
## 1521	4.60	94	0.1	6.269581e+03	NA
## 1522	3.41	94	0.1	7.145628e+03	NA
## 1523	NA	93	0.1	1.425243e+04	2.949100e+04
## 1524	6.55	93	0.1	1.655497e+04	2.932367e+06
## 1525	6.59	93	0.1	1.571282e+04	2.957689e+06
## 1526	6.67	93	0.1	1.434184e+04	2.987773e+06
## 1527	6.86	92	0.1	1.435774e+04	3.281150e+05
## 1528	7.90	95	0.1	1.198487e+04	3.972820e+05
## 1529	7.53	98	0.1	1.183739e+04	3.162916e+06
## 1530	6.61	96	0.1	1.496157e+04	3.198231e+06
## 1531	6.22	95	0.1	1.229792e+04	3.231294e+06
## 1532	6.20	94	0.1	9.246425e+02	3.269990e+05
## 1533	5.83	94	0.1	7.863163e+03	3.322528e+06
## 1534	5.67	94	0.1	6.769670e+02	3.377750e+05
## 1535	6.46	94	0.1	5.555357e+02	3.415213e+06
## 1536	6.40	95	0.1	4.146988e+03	3.443670e+05
## 1537	6.26	95	0.1	3.531473e+02	3.478180e+05
## 1538	6.46	94	0.1	3.297355e+03	3.499536e+06
## 1539	NA	99	0.1	1.199822e+03	5.696400e+04
## 1540	6.94	99	0.1	1.191727e+05	5.563190e+05
## 1541	7.10	99	0.1	1.137519e+05	5.433600e+04
## 1542	7.18	99	0.1	1.674914e+04	5.394600e+04
## 1543	7.34	99	0.1	1.157616e+05	5.183470e+05

## 1544	7.68	99	0.1	1.496536e+04	5.695300e+04
## 1545	8.11	99	0.1	1.319867e+04	4.977830e+05
## 1546	7.34	99	0.1	1.142938e+05	4.886500e+04
## 1547	6.80	99	0.1	1.618493e+03	4.799930e+05
## 1548	7.75	99	0.1	8.973971e+04	4.726370e+05
## 1549	7.95	99	0.1	8.289696e+03	4.651580e+05
## 1550	8.20	99	0.1	7.571635e+04	4.589500e+04
## 1551	7.67	98	0.1	6.544589e+04	4.516300e+04
## 1552	8.27	99	0.1	5.293641e+03	4.461750e+05
## 1553	7.40	99	0.1	4.817943e+04	4.415250e+05
## 1554	7.48	99	0.1	4.873600e+04	4.363000e+03
## 1555	NA	69	0.3	4.185760e+01	2.423488e+06
## 1556	3.40	73	0.3	4.524632e+02	2.358981e+06
## 1557	4.15	74	0.4	4.617237e+02	2.296115e+07
## 1558	3.46	7	0.4	4.439611e+02	2.234657e+07
## 1559	4.24	73	0.4	4.549635e+02	2.174395e+07
## 1560	4.86	7	0.5	4.127393e+02	2.115164e+06
## 1561	4.70	77	0.5	4.156893e+02	2.569121e+06
## 1562	4.50	77	0.5	4.773325e+01	1.999647e+07
## 1563	4.98	84	0.6	3.778483e+02	1.943352e+07
## 1564	5.11	85	0.6	2.921574e+02	1.888268e+06
## 1565	5.30	85	0.6	2.748197e+02	1.833672e+07
## 1566	4.89	78	0.6	2.451236e+02	1.782997e+06
## 1567	4.81	66	0.7	3.167999e+02	1.727914e+07
## 1568	5.29	62	0.7	2.622859e+02	1.676512e+07
## 1569	5.17	6	0.7	2.785557e+02	1.626932e+06
## 1570	5.80	57	0.6	2.459397e+02	1.576686e+06
## 1571	NA	88	4.8	3.626575e+02	1.757367e+06
## 1572	11.38	91	5.1	3.547254e+02	1.768838e+06
## 1573	1.96	89	6.3	3.329223e+02	1.657715e+07
## 1574	12.60	96	8.3	3.745188e+02	1.697350e+05
## 1575	11.67	97	11.2	5.121255e+02	1.562762e+07
## 1576	1.50	93	13.7	4.588682e+02	1.516795e+06
## 1577	1.18	93	14.9	4.273797e+01	1.471462e+06
## 1578	1.70	91	16.9	3.728427e+02	1.427123e+07
## 1579	9.31	87	19.3	3.222273e+01	1.384969e+06
## 1580	8.99	99	21.1	2.976971e+02	1.342926e+07
## 1581	8.20	93	22.4	2.836738e+01	1.339711e+06
## 1582	7.82	89	23.4	2.742256e+02	1.267638e+06
## 1583	6.35	84	24.2	2.615252e+01	1.233669e+07
## 1584	4.82	64	24.7	2.997990e+01	1.213711e+06
## 1585	5.70	9	25.1	1.467615e+02	1.169586e+07
## 1586	6.70	75	25.5	1.532595e+02	1.137617e+07
## 1587	NA	99	0.1	9.643645e+03	3.723155e+06
## 1588	4.17	97	0.1	1.118396e+04	3.228170e+05
## 1589	4.20	97	0.1	1.882278e+03	2.976724e+06
## 1590	4.10	97	0.1	1.779496e+03	2.917456e+06
## 1591	3.89	96	0.1	1.451262e+02	2.863513e+07
## 1592	3.99	96	0.1	9.713570e+02	2.811229e+07
## 1593	3.97	97	0.1	7.326744e+03	2.765383e+06

## 1594	3.47	97	0.1	8.513630e+03	2.711169e+06
## 1595	3.61	97	0.1	7.269171e+03	2.662585e+07
## 1596	3.65	95	0.1	6.222983e+03	2.614357e+07
## 1597	3.29	96	0.1	5.593823e+03	2.565939e+07
## 1598	3.74	95	0.1	4.955478e+03	2.517419e+06
## 1599	3.95	96	0.1	4.463676e+03	2.468873e+06
## 1600	3.40	94	0.1	4.167364e+03	2.419881e+07
## 1601	3.40	96	0.1	3.915115e+03	2.369897e+06
## 1602	3.40	98	0.1	4.451747e+02	2.318568e+06
## 1603	NA	99	0.1	8.395785e+03	4.916300e+04
## 1604	13.73	99	0.1	7.716242e+03	4.100000e+01
## 1605	11.16	99	0.1	7.112336e+03	3.930000e+02
## 1606	9.16	99	0.1	6.541747e+03	3.850000e+02
## 1607	8.11	96	0.1	6.497554e+03	3.770000e+02
## 1608	7.93	96	0.1	6.337950e+02	3.670000e+02
## 1609	9.22	98	0.1	5.971659e+02	3.600000e+01
## 1610	9.30	98	0.1	5.828621e+03	3.620000e+02
## 1611	6.64	98	0.1	5.286228e+01	3.490000e+02
## 1612	7.37	98	0.1	4.428523e+03	3.330000e+02
## 1613	9.52	98	0.1	3.488494e+03	3.210000e+02
## 1614	5.89	96	0.1	3.853333e+03	3.120000e+02
## 1615	5.90	98	0.1	3.432248e+03	3.400000e+01
## 1616	5.78	98	0.1	3.237239e+01	2.970000e+02
## 1617	5.84	98	0.1	2.986760e+02	2.920000e+02
## 1618	8.00	98	0.1	2.182997e+03	2.860000e+02
## 1619	NA	64	1.5	7.297253e+02	1.746795e+06
## 1620	6.86	73	1.6	8.255730e+02	1.696285e+07
## 1621	6.58	69	1.6	7.776591e+02	1.647782e+07
## 1622	6.47	66	1.5	7.773477e+02	1.666700e+04
## 1623	6.59	66	1.5	8.358900e+02	1.554989e+06
## 1624	6.35	73	1.5	7.837763e+01	1.575850e+05
## 1625	6.85	73	1.6	6.971531e+02	1.466597e+06
## 1626	6.74	74	1.6	6.896784e+02	1.413822e+07
## 1627	6.97	74	1.7	5.956368e+02	1.367566e+06
## 1628	6.56	78	1.8	5.216426e+02	1.322764e+06
## 1629	6.34	77	1.9	4.879426e+02	1.279876e+07
## 1630	6.28	69	2.0	4.393573e+02	1.239196e+06
## 1631	6.25	63	2.2	3.917913e+02	1.251280e+05
## 1632	6.32	61	2.3	3.342242e+02	1.163893e+07
## 1633	6.39	49	2.4	3.684732e+01	1.129326e+07
## 1634	6.29	43	2.5	2.693484e+02	1.967690e+05
## 1635	NA	97	0.1	2.381946e+04	4.318740e+05
## 1636	9.75	99	0.1	2.618926e+03	4.273640e+05
## 1637	9.89	99	0.1	2.393189e+03	4.233740e+05
## 1638	9.95	99	0.1	2.193884e+03	4.194550e+05
## 1639	9.60	96	0.1	2.282185e+04	4.162680e+05
## 1640	8.30	76	0.1	2.187795e+03	4.145800e+04
## 1641	8.33	73	0.1	2.675583e+03	4.124770e+05
## 1642	8.15	72	0.1	2.192877e+04	4.937900e+04
## 1643	8.36	74	0.1	1.937557e+04	4.672400e+04

## 1644	8.93	85	0.1	1.667157e+04	4.538000e+03
## 1645	8.83	92	0.1	1.583535e+04	4.383400e+04
## 1646	8.46	89	0.1	1.519550e+03	4.126800e+04
## 1647	8.60	94	0.1	1.368999e+04	3.985820e+05
## 1648	7.86	95	0.1	1.184394e+04	3.959690e+05
## 1649	7.11	95	0.1	1.121786e+03	3.932800e+04
## 1650	6.83	94	0.1	1.139565e+03	3.987000e+03
## 1651	17.24	79	0.1	3.617752e+03	NA
## 1652	NA	73	0.9	1.158256e+03	4.182341e+06
## 1653	3.77	84	0.9	1.326669e+03	4.639200e+04
## 1654	3.63	8	1.1	1.455784e+02	3.946170e+05
## 1655	3.36	8	1.2	1.364284e+03	3.832390e+05
## 1656	2.87	75	1.2	1.393262e+03	3.717672e+06
## 1657	3.28	64	1.2	1.233837e+02	3.695430e+05
## 1658	3.79	64	1.2	1.468385e+02	3.562880e+05
## 1659	3.23	74	1.3	1.167536e+03	3.475410e+05
## 1660	3.54	75	1.3	1.133128e+02	3.312665e+06
## 1661	3.21	68	1.3	9.441349e+02	3.226530e+05
## 1662	4.21	71	1.3	6.977452e+02	3.137200e+04
## 1663	4.70	7	1.3	6.254729e+01	3.428230e+05
## 1664	4.53	76	1.3	5.285866e+02	2.957117e+06
## 1665	5.31	89	1.2	4.695423e+01	2.873228e+06
## 1666	4.34	75	1.2	4.642298e+02	2.797290e+05
## 1667	5.26	51	1.1	4.774761e+02	2.793590e+05
## 1668	NA	97	0.1	9.252117e+03	1.262650e+05
## 1669	4.81	97	0.1	1.153938e+03	1.269340e+05
## 1670	4.82	98	0.1	9.637265e+03	1.258653e+06
## 1671	4.76	98	0.1	9.291228e+03	1.255882e+06
## 1672	5.20	98	0.1	9.197270e+03	1.252440e+05
## 1673	5.29	99	0.2	8.376432e+00	1.254000e+03
## 1674	4.97	99	0.1	7.318126e+03	1.247429e+06
## 1675	4.60	99	0.1	8.363500e+01	1.244121e+06
## 1676	4.24	97	0.1	6.574654e+03	1.239630e+05
## 1677	4.38	97	0.1	5.695969e+03	1.233996e+06
## 1678	4.47	97	0.1	5.116454e+03	1.228254e+06
## 1679	4.29	98	0.1	5.229877e+03	1.221300e+04
## 1680	4.15	99	0.1	4.623348e+03	1.213370e+05
## 1681	4.24	88	0.1	3.957513e+03	1.246210e+05
## 1682	3.87	92	0.1	3.792182e+03	1.196287e+06
## 1683	3.78	88	0.1	3.861324e+03	1.186873e+06
## 1684	NA	87	0.1	9.143128e+03	1.258995e+07
## 1685	6.30	87	0.1	1.452278e+03	1.242216e+06
## 1686	6.30	83	0.1	1.298868e+03	1.225360e+08
## 1687	6.21	99	0.1	9.825326e+02	1.282837e+06
## 1688	6.40	97	0.1	9.834473e+03	1.199170e+05
## 1689	6.39	95	0.1	8.959581e+03	1.173189e+08
## 1690	6.60	95	0.1	7.748123e+03	1.155523e+07
## 1691	6.60	96	0.1	9.689529e+03	1.136619e+07
## 1692	5.92	98	0.1	9.333417e+02	1.118363e+08
## 1693	5.83	98	0.1	8.767923e+03	1.192378e+06

## 1694	6.40	98	0.1	7.986798e+03	1.847223e+07
## 1695	6.11	98	0.1	7.199597e+03	1.699558e+07
## 1696	6.20	98	0.1	6.751999e+03	1.564453e+06
## 1697	5.52	97	0.1	7.168219e+02	1.435568e+06
## 1698	5.35	97	0.1	7.313789e+02	1.367680e+05
## 1699	4.98	97	0.1	6.729211e+02	1.171967e+07
## 1700	NA	72	0.1	NA	NA
## 1701	13.71	77	0.1	NA	NA
## 1702	13.38	81	0.1	NA	NA
## 1703	12.77	81	0.1	NA	NA
## 1704	13.76	84	0.1	NA	NA
## 1705	13.83	85	0.1	NA	NA
## 1706	13.44	91	0.1	NA	NA
## 1707	12.94	85	0.1	NA	NA
## 1708	11.99	79	0.1	NA	NA
## 1709	11.92	67	0.1	NA	NA
## 1710	12.11	94	0.1	NA	NA
## 1711	1.64	78	0.1	NA	NA
## 1712	9.69	92	0.1	NA	NA
## 1713	8.20	84	0.1	NA	NA
## 1714	8.58	75	0.1	NA	NA
## 1715	7.88	85	0.1	NA	NA
## 1716	4.30	99	0.1	NA	NA
## 1717	NA	99	0.1	3.944184e+03	2.976877e+06
## 1718	4.73	99	0.1	4.181583e+03	2.923896e+06
## 1719	4.21	98	0.1	4.385379e+03	2.869170e+05
## 1720	4.22	99	0.1	4.368822e+03	2.814226e+06
## 1721	4.45	99	0.1	3.769595e+03	2.761516e+06
## 1722	4.70	96	0.1	2.653537e+02	2.712650e+05
## 1723	5.29	95	0.1	1.717899e+03	2.668289e+06
## 1724	5.58	96	0.1	2.139626e+03	2.628131e+06
## 1725	5.60	95	0.1	1.634814e+03	2.591670e+05
## 1726	4.68	99	0.1	1.334652e+03	2.558120e+05
## 1727	5.90	99	0.1	9.988227e+02	2.526446e+06
## 1728	5.99	99	0.1	7.978377e+02	2.496832e+06
## 1729	6.18	98	0.1	6.465613e+02	2.469286e+06
## 1730	5.81	98	0.1	5.715188e+02	2.443659e+06
## 1731	5.45	95	0.1	5.241459e+02	2.419776e+06
## 1732	4.92	94	0.1	4.742133e+02	2.397436e+06
## 1733	NA	89	0.1	6.461193e+03	6.221590e+05
## 1734	6.42	91	0.1	7.378345e+03	6.218100e+04
## 1735	6.43	94	0.1	7.186430e+03	6.212700e+04
## 1736	7.25	94	0.1	6.586719e+03	6.261000e+03
## 1737	6.92	95	0.1	7.318742e+03	6.279000e+03
## 1738	6.90	94	0.1	6.682281e+03	6.194280e+05
## 1739	6.70	92	0.1	6.698794e+03	6.182940e+05
## 1740	6.13	95	0.1	7.325735e+03	6.169690e+05
## 1741	6.74	92	0.1	5.957146e+03	6.158750e+05
## 1742	8.10	9	0.1	4.383596e+03	6.152500e+04
## 1743	8.46	NA	0.1	3.674618e+03	6.142610e+05

## 1744	8.45	NA	0.1	3.381995e+02	6.133530e+05
## 1745	8.91	NA	0.1	2.789173e+03	6.122670e+05
## 1746	8.33	NA	0.1	2.162433e+02	6.982800e+04
## 1747	8.23	NA	0.1	1.995840e+02	6.738900e+04
## 1748	7.32	NA	0.1	1.627429e+03	6.495000e+03
## 1749	NA	99	0.1	2.847286e+03	3.483322e+06
## 1750	5.91	99	0.1	3.154513e+03	3.431882e+06
## 1751	5.94	99	0.1	3.111763e+03	3.382477e+07
## 1752	6.15	99	0.1	2.947467e+02	3.333379e+07
## 1753	5.99	99	0.1	3.399162e+02	3.285882e+07
## 1754	5.86	99	0.1	2.834247e+03	3.249639e+06
## 1755	5.67	99	0.1	2.861555e+03	3.198990e+07
## 1756	5.41	99	0.1	2.884948e+03	3.159686e+07
## 1757	5.48	95	0.1	2.494354e+03	3.122588e+07
## 1758	5.23	97	0.1	2.191479e+03	3.869346e+06
## 1759	5.60	98	0.1	2.137556e+02	3.521700e+04
## 1760	5.22	97	0.1	1.948812e+03	3.179285e+06
## 1761	5.25	91	0.1	1.721974e+03	2.984394e+07
## 1762	5.31	94	0.1	1.413757e+03	2.951237e+07
## 1763	4.44	96	0.1	1.336775e+03	2.918183e+07
## 1764	4.18	95	0.1	1.332382e+03	2.884962e+07
## 1765	NA	8	3.9	5.283126e+02	2.816910e+05
## 1766	6.98	79	4.1	6.232871e+02	2.721238e+07
## 1767	5.90	78	5.1	6.598568e+01	2.643437e+07
## 1768	5.58	76	6.9	5.665139e+02	2.567666e+06
## 1769	6.23	76	9.6	5.265314e+02	2.493950e+05
## 1770	5.38	74	10.8	4.192258e+02	2.422145e+06
## 1771	5.43	74	11.3	4.638526e+02	2.352463e+06
## 1772	4.91	75	12.6	5.312772e+01	2.284676e+07
## 1773	5.25	75	14.1	4.221462e+02	2.218839e+07
## 1774	6.51	78	16.3	3.857567e+02	2.154746e+07
## 1775	6.87	8	16.2	3.691545e+02	2.923700e+04
## 1776	5.91	83	15.9	3.363318e+02	2.312750e+05
## 1777	6.39	85	15.3	2.838912e+02	1.971660e+07
## 1778	6.45	76	14.5	2.628846e+02	1.913966e+07
## 1779	5.64	73	13.4	2.564415e+02	1.858876e+07
## 1780	6.16	7	12.2	2.776487e+02	1.867687e+06
## 1781	NA	89	0.3	1.194591e+03	5.243669e+06
## 1782	2.28	88	0.3	1.262894e+03	5.192418e+07
## 1783	2.16	75	0.4	1.168839e+03	5.144820e+07
## 1784	2.22	84	0.5	1.171583e+03	5.986514e+06
## 1785	1.87	84	0.5	1.186424e+03	5.553310e+05
## 1786	1.92	9	0.5	9.877366e+02	5.155896e+06
## 1787	2.50	9	0.6	7.417771e+02	4.986900e+04
## 1788	1.87	85	0.6	6.439514e+02	4.947975e+07
## 1789	1.68	86	0.6	4.145100e+01	4.917159e+07
## 1790	1.78	82	0.6	2.969728e+02	4.884647e+07
## 1791	1.83	73	0.5	2.472428e+02	4.848261e+07
## 1792	1.97	82	0.5	2.198157e+02	4.873770e+05
## 1793	1.97	78	0.5	2.197823e+02	4.762489e+07

## 1794	2.50	79	0.4	1.437765e+02	4.714220e+05
## 1795	1.80	73	0.4	1.389249e+02	4.662799e+07
## 1796	1.84	82	0.4	1.931875e+02	4.695462e+06
## 1797	NA	92	2.1	4.737670e+03	2.425561e+06
## 1798	8.93	88	2.2	5.421344e+03	2.379920e+05
## 1799	8.53	89	2.5	5.488132e+03	2.316520e+05
## 1800	8.24	84	3.7	5.749448e+03	2.263934e+06
## 1801	8.78	82	4.7	5.697139e+01	2.215621e+06
## 1802	7.89	83	6.2	5.191584e+03	2.173170e+05
## 1803	8.50	83	8.7	4.153498e+03	2.137400e+04
## 1804	7.15	83	11.7	4.296561e+02	2.163750e+05
## 1805	6.99	86	15.2	4.225197e+02	2.799150e+05
## 1806	7.20	86	19.2	3.881295e+03	2.557340e+05
## 1807	7.32	86	22.1	3.573146e+03	2.321960e+05
## 1808	6.47	81	24.0	3.288257e+03	2.922800e+04
## 1809	6.52	79	24.7	2.482369e+03	1.986535e+06
## 1810	6.17	77	24.6	1.713476e+03	1.962147e+06
## 1811	6.18	78	23.9	1.834295e+03	1.933596e+06
## 1812	6.11	79	22.8	2.579956e+02	1.899257e+06
## 1813	4.65	87	0.1	1.361832e+02	NA
## 1814	NA	91	0.1	7.437653e+02	2.865628e+07
## 1815	5.80	92	0.1	7.623870e+01	2.832324e+07
## 1816	5.69	92	0.1	6.886173e+02	2.798531e+06
## 1817	5.89	9	0.2	6.817926e+02	2.764993e+07
## 1818	6.73	92	0.2	6.921167e+02	2.732715e+07
## 1819	6.43	82	0.2	5.921835e+02	2.723137e+06
## 1820	6.41	89	0.2	4.872990e+01	2.674113e+06
## 1821	6.44	82	0.2	4.738444e+02	2.647586e+07
## 1822	5.84	82	0.2	3.938844e+02	2.621485e+07
## 1823	5.70	89	0.2	3.486315e+02	2.594618e+06
## 1824	5.72	75	0.2	3.178920e+02	2.564287e+06
## 1825	5.82	8	0.2	2.874156e+02	2.539449e+06
## 1826	5.48	78	0.1	2.537241e+02	2.495623e+06
## 1827	5.60	72	0.1	2.463756e+02	2.456634e+07
## 1828	5.36	72	0.1	2.486184e+02	2.416178e+07
## 1829	5.43	74	0.1	2.314255e+02	2.374911e+06
## 1830	NA	95	0.1	4.429288e+04	1.693992e+07
## 1831	1.90	96	0.1	5.215747e+04	1.686580e+05
## 1832	11.40	97	0.1	5.157449e+04	1.684432e+06
## 1833	11.10	97	0.1	4.947476e+04	1.675496e+07
## 1834	1.53	97	0.1	5.354654e+03	1.669374e+06
## 1835	1.48	97	0.1	5.338255e+03	1.661539e+07
## 1836	1.29	97	0.1	5.193490e+02	1.653388e+06
## 1837	9.57	97	0.1	5.692882e+04	1.644559e+07
## 1838	9.36	97	0.1	5.124132e+04	1.638170e+07
## 1839	9.36	96	0.1	4.445397e+04	1.634611e+06
## 1840	9.60	96	0.1	4.157717e+04	1.631987e+07
## 1841	8.52	98	0.1	3.995464e+04	1.628178e+07
## 1842	8.46	98	0.1	3.524516e+04	1.622532e+06
## 1843	8.34	97	0.1	2.881732e+04	1.614893e+07

## 1844	7.79	97	0.1	2.658412e+04	1.646180e+05
## 1845	7.42	97	0.1	2.592113e+04	1.592551e+07
## 1846	NA	92	0.1	3.821894e+03	NA
## 1847	11.30	93	0.1	4.453247e+03	NA
## 1848	11.17	92	0.1	4.288988e+04	NA
## 1849	11.53	93	0.1	3.997256e+03	NA
## 1850	11.24	95	0.1	3.842656e+04	NA
## 1851	11.20	93	0.1	3.369135e+04	NA
## 1852	11.21	92	0.1	2.829419e+02	NA
## 1853	1.70	89	0.1	3.128778e+04	NA
## 1854	8.35	88	0.1	3.259735e+03	NA
## 1855	8.65	89	0.1	2.667865e+03	NA
## 1856	8.25	89	0.1	2.775895e+03	NA
## 1857	7.89	89	0.1	2.542399e+03	NA
## 1858	7.71	9	0.1	2.191378e+04	NA
## 1859	7.89	9	0.1	1.687431e+04	NA
## 1860	7.58	9	0.1	1.388286e+04	NA
## 1861	7.47	9	0.1	1.364113e+04	NA
## 1862	NA	98	0.1	2.959665e+02	6.823500e+04
## 1863	9.40	98	0.1	1.975465e+03	6.139970e+05
## 1864	8.43	98	0.1	1.847198e+03	5.945747e+06
## 1865	8.40	98	0.1	1.792384e+03	5.877180e+05
## 1866	6.39	98	0.1	1.682958e+03	5.878200e+04
## 1867	6.58	98	0.1	1.526498e+03	5.737723e+06
## 1868	6.82	98	0.2	1.464498e+03	5.666581e+06
## 1869	6.98	97	0.2	1.518854e+03	5.594560e+05
## 1870	6.91	93	0.2	1.344319e+03	5.522160e+05
## 1871	6.33	88	0.3	1.249926e+02	5.452110e+05
## 1872	6.11	86	0.3	1.175116e+03	5.379328e+06
## 1873	6.13	79	0.3	1.915516e+02	5.397300e+04
## 1874	6.12	86	0.3	1.155653e+02	5.248790e+05
## 1875	5.71	85	0.4	1.114728e+01	5.171734e+06
## 1876	5.26	87	0.4	1.436758e+02	5.175000e+03
## 1877	5.39	83	0.4	1.162743e+02	5.267960e+05
## 1878	NA	65	0.4	3.589973e+02	1.989697e+07
## 1879	5.82	68	0.5	4.364650e+01	1.914822e+07
## 1880	5.90	67	0.6	4.161484e+02	1.842637e+07
## 1881	6.11	71	0.7	3.915155e+02	1.773163e+07
## 1882	6.66	75	0.7	3.755820e+02	1.764636e+06
## 1883	6.36	7	0.9	3.481515e+02	1.642558e+07
## 1884	6.98	71	1.1	3.412895e+02	1.581391e+07
## 1885	6.76	67	1.3	3.548186e+02	1.522853e+07
## 1886	6.94	57	1.4	2.925596e+02	1.466834e+07
## 1887	7.39	51	1.5	2.584639e+02	1.413264e+06
## 1888	7.15	45	1.6	2.538373e+01	1.361845e+07
## 1889	6.61	43	1.6	2.325662e+02	1.312712e+06
## 1890	6.23	41	1.6	2.158548e+02	1.265687e+06
## 1891	6.55	39	1.6	1.778284e+02	1.226200e+04
## 1892	7.10	36	1.6	1.652572e+02	1.177198e+07
## 1893	6.10	34	1.5	1.584560e+02	1.135297e+07

## 1894	NA	49	3.7	2.655158e+03	1.811817e+08
## 1895	3.67	49	3.9	3.221678e+03	1.764652e+06
## 1896	3.70	46	3.9	2.996964e+03	1.718293e+07
## 1897	3.30	42	4.4	2.755298e+03	1.672973e+08
## 1898	3.69	48	4.7	2.527942e+03	1.628778e+07
## 1899	3.47	54	4.8	2.327327e+03	1.585783e+08
## 1900	4.24	63	4.9	1.976614e+02	1.544218e+07
## 1901	4.00	53	5.0	1.383893e+03	1.534739e+06
## 1902	4.47	42	5.2	1.136830e+03	1.464172e+07
## 1903	3.66	4	5.3	1.197433e+02	1.426149e+07
## 1904	4.11	36	5.4	8.789387e+01	1.389395e+08
## 1905	4.33	33	5.4	6.488159e+02	1.353936e+08
## 1906	4.50	29	5.4	5.126572e+02	1.319725e+08
## 1907	2.43	25	5.3	4.594572e+02	1.286667e+07
## 1908	3.25	27	5.1	3.517997e+02	1.254634e+08
## 1909	2.84	29	4.9	3.791193e+02	1.223529e+06
## 1910	7.20	99	0.1	NA	NA
## 1911	NA	95	0.1	7.455247e+03	5.188670e+05
## 1912	9.72	93	0.1	9.754986e+02	5.137232e+06
## 1913	9.39	94	0.1	1.291435e+03	5.796230e+05
## 1914	9.16	95	0.1	1.156373e+04	5.185730e+05
## 1915	9.14	94	0.1	1.574986e+03	4.953880e+05
## 1916	9.26	93	0.1	8.764675e+04	4.889252e+06
## 1917	9.49	94	0.1	8.177768e+02	4.828726e+06
## 1918	8.40	94	0.1	9.688596e+03	4.768212e+06
## 1919	8.58	93	0.1	8.512866e+04	4.791530e+05
## 1920	8.43	94	0.1	7.411470e+04	4.666770e+05
## 1921	8.89	91	0.1	6.677539e+04	4.623291e+06
## 1922	9.44	92	0.1	5.757269e+03	4.591910e+05
## 1923	9.85	92	0.1	5.111654e+03	4.564855e+06
## 1924	9.62	93	0.1	4.361154e+03	4.538159e+06
## 1925	8.65	91	0.1	3.854959e+04	4.513751e+06
## 1926	8.27	9	0.1	3.814672e+04	4.499670e+05
## 1927	NA	99	0.1	1.662736e+04	NA
## 1928	3.55	99	0.1	2.458452e+03	NA
## 1929	2.76	98	0.1	2.126876e+04	NA
## 1930	2.52	98	0.1	2.213492e+04	NA
## 1931	2.49	99	0.1	2.986360e+03	NA
## 1932	2.74	99	0.1	1.928747e+03	NA
## 1933	2.83	98	0.1	1.678435e+04	NA
## 1934	2.10	99	0.1	2.275354e+03	NA
## 1935	2.43	99	0.1	1.585132e+03	NA
## 1936	2.31	98	0.1	1.448550e+03	NA
## 1937	2.59	99	0.1	1.237698e+04	NA
## 1938	2.98	99	0.1	1.129289e+03	NA
## 1939	3.17	99	0.1	9.698126e+02	NA
## 1940	3.18	99	0.1	8.629118e+03	NA
## 1941	3.80	99	0.1	8.476615e+03	NA
## 1942	3.70	99	0.1	8.611860e+02	NA
## 1943	NA	72	0.1	1.431245e+03	1.893851e+07

## 1944	2.61	72	0.1	1.316990e+03	1.855463e+08
## 1945	2.70	72	0.1	1.272442e+03	1.817126e+08
## 1946	2.76	72	0.1	1.261290e+03	1.779115e+08
## 1947	3.10	74	0.1	1.226215e+03	1.741843e+08
## 1948	3.20	82	0.1	1.414227e+01	1.756182e+06
## 1949	2.94	71	0.1	1.663999e+01	1.674958e+06
## 1950	3.26	62	0.1	1.393129e+02	1.636446e+07
## 1951	3.35	75	0.1	9.543279e+01	1.633297e+07
## 1952	3.40	78	0.1	8.737727e+02	1.579399e+07
## 1953	2.91	77	0.1	7.114699e+02	1.539967e+07
## 1954	2.56	65	0.1	6.498482e+02	1.578300e+04
## 1955	2.61	67	0.1	5.635943e+02	1.477341e+06
## 1956	2.76	68	0.1	4.998633e+02	1.446541e+08
## 1957	2.61	65	0.1	5.165682e+01	1.416144e+07
## 1958	2.79	62	0.1	5.338624e+02	1.385233e+08
## 1959	9.27	99	0.1	1.932122e+03	2.920000e+02
## 1960	NA	73	0.1	1.313444e+04	3.969249e+06
## 1961	8.30	8	0.1	1.259374e+04	3.939860e+05
## 1962	8.90	8	0.1	1.168598e+04	3.838462e+06
## 1963	7.25	85	0.1	1.589827e+03	3.772938e+06
## 1964	7.50	87	0.1	9.277232e+02	3.777820e+05
## 1965	8.50	94	0.1	7.937260e+03	3.643222e+06
## 1966	7.56	85	0.1	7.429628e+03	3.579385e+06
## 1967	6.75	86	0.1	6.973928e+03	3.516268e+06
## 1968	6.31	85	0.2	6.688667e+02	3.453870e+05
## 1969	7.00	88	0.1	5.348518e+03	3.391950e+05
## 1970	7.48	92	0.1	4.916549e+03	3.334650e+05
## 1971	8.90	95	0.2	4.591893e+03	3.269541e+06
## 1972	7.60	98	0.1	4.267136e+03	3.291740e+05
## 1973	8.30	99	0.2	4.126147e+03	3.149265e+06
## 1974	7.72	99	0.1	4.463728e+02	3.896840e+05
## 1975	7.76	98	0.2	4.629935e+01	3.334700e+04
## 1976	NA	73	0.6	NA	7.919825e+06
## 1977	4.26	73	0.7	2.182717e+03	7.755785e+06
## 1978	4.78	79	0.8	2.299536e+02	7.592865e+06
## 1979	4.55	74	1.0	2.713187e+02	7.438360e+05
## 1980	4.94	72	1.0	1.778671e+02	7.269348e+06
## 1981	4.18	67	1.1	1.366879e+03	7.182390e+05
## 1982	4.36	73	1.1	1.166663e+03	6.947447e+06
## 1983	4.60	63	1.3	1.178725e+03	6.787187e+06
## 1984	4.40	71	1.4	9.566690e+02	6.627922e+06
## 1985	5.92	72	1.5	8.543469e+02	6.472720e+05
## 1986	6.42	72	1.5	7.757735e+01	6.314790e+05
## 1987	8.39	62	1.5	6.373616e+02	6.161517e+06
## 1988	6.79	68	1.4	5.883583e+02	6.172400e+04
## 1989	7.69	61	1.4	5.116658e+02	5.862316e+06
## 1990	6.68	55	1.3	5.394153e+02	5.716152e+06
## 1991	3.98	59	1.1	6.319469e+02	5.572222e+06
## 1992	NA	93	0.2	4.193677e+02	6.639119e+06
## 1993	9.81	87	0.2	4.712823e+03	6.552584e+06

## 1994	1.49	86	0.2	4.479959e+03	6.465740e+05
## 1995	1.33	87	0.1	3.855538e+03	6.379219e+06
## 1996	9.42	89	0.1	3.988119e+03	6.293783e+06
## 1997	9.10	89	0.1	3.225592e+03	6.298770e+05
## 1998	9.14	85	0.1	2.599596e+03	6.127837e+06
## 1999	7.60	89	0.1	3.599922e+02	6.471170e+05
## 2000	6.41	95	0.1	2.312193e+03	5.966159e+06
## 2001	6.43	98	0.2	1.897154e+02	5.882796e+06
## 2002	6.70	96	0.2	1.571457e+02	5.795494e+06
## 2003	5.78	92	0.2	1.485280e+02	5.737400e+04
## 2004	5.99	86	0.1	1.174779e+03	5.679500e+04
## 2005	6.77	87	0.1	1.148230e+03	5.586110e+05
## 2006	7.61	89	0.1	1.417266e+03	5.466240e+05
## 2007	8.10	86	0.1	1.545626e+03	5.327000e+03
## 2008	NA	9	0.1	6.334326e+01	3.137667e+07
## 2009	5.47	88	0.1	6.491525e+03	3.973354e+06
## 2010	5.23	88	0.1	6.583116e+03	3.565716e+06
## 2011	5.18	95	0.1	6.387785e+03	3.158966e+06
## 2012	4.93	91	0.2	5.771566e+03	2.975999e+07
## 2013	5.30	93	0.2	5.224932e+02	2.937365e+07
## 2014	5.36	93	0.3	4.166934e+03	2.915700e+04
## 2015	4.73	93	0.3	4.288781e+02	2.864198e+06
## 2016	4.60	93	0.3	3.611215e+03	2.829272e+07
## 2017	4.47	94	0.4	3.171499e+03	2.794994e+07
## 2018	4.72	77	0.4	2.754783e+03	2.761410e+05
## 2019	4.56	86	0.4	2.448144e+03	2.727319e+07
## 2020	4.60	94	0.4	2.182600e+02	2.693774e+07
## 2021	4.94	95	0.4	2.591930e+02	2.661467e+06
## 2022	4.98	9	0.5	1.981244e+03	2.626136e+07
## 2023	4.83	98	0.5	1.996720e+03	2.591488e+07
## 2024	NA	6	0.1	2.878338e+03	1.171636e+07
## 2025	4.71	67	0.1	2.842938e+03	1.122490e+05
## 2026	4.56	89	0.1	2.762891e+02	9.848132e+06
## 2027	4.46	88	0.1	2.581819e+03	9.686664e+07
## 2028	4.29	87	0.1	2.352518e+03	9.527794e+06
## 2029	4.37	79	0.1	2.129499e+03	9.372662e+07
## 2030	4.41	87	0.1	1.825342e+03	9.222879e+06
## 2031	4.50	91	0.1	1.919466e+03	9.751864e+06
## 2032	3.94	87	0.1	1.672685e+03	8.929349e+06
## 2033	3.95	88	0.1	1.391772e+03	8.789419e+06
## 2034	3.91	89	0.1	1.194697e+03	8.627424e+07
## 2035	3.23	88	0.1	1.793715e+02	8.467849e+07
## 2036	3.25	84	0.1	1.155320e+01	8.331954e+06
## 2037	2.79	79	0.1	1.681350e+00	8.135260e+05
## 2038	3.00	79	0.1	9.572874e+02	7.966532e+07
## 2039	3.21	78	0.1	1.389198e+02	7.799157e+07
## 2040	NA	98	0.1	1.256599e+04	3.798641e+07
## 2041	6.35	98	0.1	1.434167e+04	3.811735e+06
## 2042	6.40	99	0.1	1.378549e+03	3.841960e+05
## 2043	6.62	99	0.1	1.314515e+04	3.863164e+06

## 2044	6.70	99	0.1	1.389319e+04	3.863255e+06
## 2045	6.88	99	0.1	1.259952e+04	3.842794e+06
## 2046	7.12	99	0.1	1.152759e+04	3.815163e+06
## 2047	6.88	99	0.1	1.414469e+02	3.812576e+07
## 2048	6.28	99	0.1	1.126319e+03	3.812560e+05
## 2049	6.17	99	0.1	9.477260e+01	3.814127e+07
## 2050	6.20	99	0.1	8.212516e+02	3.816545e+07
## 2051	6.19	99	0.1	6.681179e+03	3.818222e+07
## 2052	6.22	99	0.1	5.693524e+03	3.824570e+05
## 2053	6.32	99	0.1	5.196933e+03	3.823364e+06
## 2054	5.86	98	0.1	4.981199e+03	3.824876e+06
## 2055	5.50	98	0.1	4.492728e+03	3.825863e+07
## 2056	NA	98	0.1	1.922681e+03	1.358760e+05
## 2057	9.50	98	0.1	2.277536e+03	1.416200e+04
## 2058	9.55	98	0.1	2.161874e+04	1.457295e+06
## 2059	9.74	98	0.1	2.577426e+03	1.514844e+06
## 2060	1.70	97	0.1	2.319618e+04	1.557560e+05
## 2061	1.44	98	0.1	2.253865e+04	1.573100e+04
## 2062	1.42	96	0.1	2.363972e+03	1.568247e+06
## 2063	9.90	97	0.1	2.481569e+04	1.558177e+06
## 2064	9.62	97	0.1	2.278584e+03	1.542964e+06
## 2065	9.67	97	0.1	1.982144e+04	1.522288e+06
## 2066	9.98	93	0.1	1.878495e+04	1.533300e+04
## 2067	9.84	95	0.1	1.845588e+03	1.483861e+06
## 2068	9.54	99	0.1	1.577273e+04	1.458821e+06
## 2069	9.15	98	0.1	1.288229e+04	1.419631e+06
## 2070	9.10	97	0.1	1.172915e+04	1.362722e+06
## 2071	9.14	96	0.1	1.152397e+03	1.289898e+06
## 2072	NA	99	0.1	6.634652e+04	NA
## 2073	2.19	89	0.1	8.685271e+04	NA
## 2074	2.15	97	0.1	8.834880e+03	NA
## 2075	2.16	92	0.1	8.856482e+04	NA
## 2076	1.93	93	0.1	8.594875e+04	NA
## 2077	2.90	97	0.1	7.362278e+02	NA
## 2078	2.63	99	0.1	6.147824e+04	NA
## 2079	1.87	97	0.1	8.296737e+04	NA
## 2080	2.31	94	0.1	6.756126e+02	NA
## 2081	2.58	96	0.1	6.256559e+03	NA
## 2082	3.10	97	0.1	5.148850e+04	NA
## 2083	3.61	96	0.1	4.181835e+04	NA
## 2084	4.14	92	0.1	3.417698e+04	NA
## 2085	2.71	96	0.1	2.999655e+03	NA
## 2086	2.56	93	0.1	2.843636e+03	NA
## 2087	2.18	8	0.1	2.998629e+04	NA
## 2088	NA	98	0.1	NA	NA
## 2089	7.37	99	0.1	NA	NA
## 2090	7.20	99	0.1	NA	NA
## 2091	7.10	99	0.1	NA	NA
## 2092	6.83	99	0.1	NA	NA
## 2093	6.79	94	0.1	NA	NA

## 2094	6.66	94	0.1	NA	NA
## 2095	6.16	94	0.1	NA	NA
## 2096	5.99	91	0.1	NA	NA
## 2097	5.76	98	0.1	NA	NA
## 2098	5.33	96	0.1	NA	NA
## 2099	4.96	88	0.1	NA	NA
## 2100	4.93	97	0.1	NA	NA
## 2101	4.61	97	0.1	NA	NA
## 2102	4.76	97	0.1	NA	NA
## 2103	4.23	97	0.1	NA	NA
## 2104	NA	87	0.1	NA	NA
## 2105	1.32	9	0.1	NA	NA
## 2106	1.50	9	0.1	NA	NA
## 2107	11.87	92	0.1	NA	NA
## 2108	1.61	93	0.1	NA	NA
## 2109	12.80	9	0.1	NA	NA
## 2110	12.49	85	0.1	NA	NA
## 2111	11.41	9	0.1	NA	NA
## 2112	1.88	92	0.1	NA	NA
## 2113	1.63	97	0.1	NA	NA
## 2114	9.15	98	0.1	NA	NA
## 2115	8.49	98	0.1	NA	NA
## 2116	8.24	98	0.1	NA	NA
## 2117	8.31	97	0.1	NA	NA
## 2118	7.00	97	0.1	NA	NA
## 2119	6.65	95	0.1	NA	NA
## 2120	NA	89	0.1	8.958789e+03	1.981548e+07
## 2121	5.57	94	0.1	1.227733e+01	1.998979e+06
## 2122	5.60	92	0.1	9.585267e+03	1.998369e+07
## 2123	5.48	91	0.1	8.558398e+03	2.583500e+04
## 2124	5.53	89	0.1	9.227783e+01	2.147528e+06
## 2125	5.83	94	0.1	8.297484e+03	2.246871e+06
## 2126	5.56	95	0.1	8.221833e+02	2.367487e+06
## 2127	5.33	96	0.1	1.136474e+03	2.537875e+06
## 2128	5.21	96	0.1	8.214185e+03	2.882982e+06
## 2129	5.60	97	0.1	5.828746e+03	2.119376e+06
## 2130	5.47	97	0.1	4.676315e+03	2.131969e+07
## 2131	5.43	97	0.1	3.552925e+03	2.145175e+07
## 2132	5.30	97	0.1	2.774956e+03	2.157433e+07
## 2133	4.57	98	0.1	2.124874e+03	2.173496e+06
## 2134	4.36	99	0.1	1.839729e+03	2.213197e+06
## 2135	4.33	99	0.1	1.668163e+03	2.244297e+07
## 2136	NA	97	0.1	9.329298e+03	1.449687e+06
## 2137	7.70	97	0.1	1.412596e+04	1.438197e+08
## 2138	7.90	97	0.2	1.554368e+04	1.435691e+07
## 2139	6.88	97	0.3	1.515446e+04	1.432168e+07
## 2140	6.61	97	0.3	1.421269e+04	1.429687e+07
## 2141	6.83	97	0.2	1.674988e+03	1.428494e+08
## 2142	7.44	98	0.3	8.562896e+03	1.427853e+08
## 2143	6.22	98	0.3	1.163526e+04	1.427424e+07

## 2144	5.38	98	0.3	9.112539e+02	1.428588e+06
## 2145	5.30	98	0.3	6.921944e+02	1.434953e+07
## 2146	5.21	98	0.3	5.323474e+03	1.435185e+08
## 2147	5.19	97	0.3	4.123723e+02	1.446754e+06
## 2148	5.61	96	0.4	2.975133e+03	1.446483e+08
## 2149	5.99	97	0.3	2.375594e+03	1.453646e+06
## 2150	5.67	96	0.3	2.136239e+01	1.459768e+07
## 2151	5.42	96	0.2	1.771587e+03	1.465966e+08
## 2152	NA	98	0.4	7.134840e+01	1.162955e+07
## 2153	7.53	98	0.4	7.656995e+01	1.134536e+07
## 2154	7.69	98	0.5	6.888769e+02	1.165151e+06
## 2155	7.68	98	0.7	6.787970e+02	1.788853e+06
## 2156	7.71	97	1.3	6.173176e+02	1.516710e+05
## 2157	7.91	97	2.3	5.634915e+02	1.246842e+06
## 2158	7.20	97	2.8	5.391538e+02	9.977446e+06
## 2159	7.66	97	3.7	5.668726e+00	9.781690e+05
## 2160	8.49	97	5.0	4.485334e+01	9.447420e+05
## 2161	1.20	99	6.2	3.423656e+02	9.265800e+04
## 2162	6.83	95	7.1	2.879319e+02	8.991735e+06
## 2163	6.24	89	7.7	2.369114e+02	8.818438e+06
## 2164	6.34	96	8.1	2.126619e+02	8.683460e+05
## 2165	4.18	88	8.0	1.965978e+02	8.536250e+05
## 2166	4.38	77	8.1	2.156965e+01	8.329460e+05
## 2167	4.22	9	8.5	2.161727e+02	8.257300e+04
## 2168	6.14	96	0.1	NA	NA
## 2169	NA	99	0.1	NA	NA
## 2170	6.72	99	0.1	NA	NA
## 2171	7.85	99	0.1	NA	NA
## 2172	8.35	98	0.1	NA	NA
## 2173	7.58	99	0.1	NA	NA
## 2174	8.10	97	0.1	NA	NA
## 2175	8.12	95	0.1	NA	NA
## 2176	7.43	96	0.1	NA	NA
## 2177	6.81	99	0.1	NA	NA
## 2178	6.37	85	0.1	NA	NA
## 2179	6.25	95	0.2	NA	NA
## 2180	6.20	91	0.2	NA	NA
## 2181	6.10	9	0.2	NA	NA
## 2182	6.33	74	0.1	NA	NA
## 2183	6.10	99	0.3	NA	NA
## 2184	5.53	7	0.4	NA	NA
## 2185	NA	98	0.1	NA	NA
## 2186	8.63	98	0.1	NA	NA
## 2187	5.21	97	0.1	NA	NA
## 2188	8.48	96	0.1	NA	NA
## 2189	4.99	96	0.1	NA	NA
## 2190	4.71	99	0.1	NA	NA
## 2191	5.13	99	0.2	NA	NA
## 2192	4.70	99	0.3	NA	NA
## 2193	3.92	99	0.3	NA	NA

## 2194	3.88	99	0.3	NA	NA
## 2195	3.66	99	0.2	NA	NA
## 2196	3.72	99	0.4	NA	NA
## 2197	3.91	99	0.4	NA	NA
## 2198	3.93	99	0.4	NA	NA
## 2199	3.64	99	0.7	NA	NA
## 2200	3.73	98	0.7	NA	NA
## 2201	NA	66	0.1	4.149363e+03	1.937590e+05
## 2202	7.22	63	0.1	4.178973e+03	1.922900e+04
## 2203	6.91	67	0.1	4.219651e+03	1.975700e+04
## 2204	5.20	64	0.1	4.234554e+03	1.891940e+05
## 2205	5.80	65	0.1	3.942983e+03	1.876650e+05
## 2206	5.70	62	0.1	3.453487e+03	1.862500e+04
## 2207	5.40	49	0.1	3.351128e+02	1.848260e+05
## 2208	4.52	26	0.1	3.598222e+02	1.835260e+05
## 2209	5.25	53	0.1	3.225431e+02	1.822860e+05
## 2210	4.68	39	0.1	2.879639e+02	1.819400e+04
## 2211	4.47	49	0.1	2.571262e+03	1.799290e+05
## 2212	4.45	55	0.1	2.351338e+03	1.787810e+05
## 2213	4.71	83	0.1	1.972942e+02	1.776620e+05
## 2214	5.10	86	0.1	1.631417e+03	1.765820e+05
## 2215	5.16	85	0.1	1.555475e+03	1.755660e+05
## 2216	5.31	95	0.1	1.546892e+02	1.746100e+04
## 2217	6.50	69	0.1	NA	NA
## 2218	NA	96	0.2	1.624640e+03	1.955530e+05
## 2219	8.35	95	0.2	1.821879e+03	1.912660e+05
## 2220	9.76	97	0.2	1.619533e+03	1.874500e+04
## 2221	8.60	96	0.5	1.389500e+02	1.828890e+05
## 2222	5.44	96	0.5	1.343262e+02	1.788000e+03
## 2223	5.24	98	0.5	1.129755e+03	1.747760e+05
## 2224	6.65	98	0.9	1.995715e+02	1.781300e+04
## 2225	5.66	99	0.9	1.126462e+03	1.669130e+05
## 2226	7.44	97	1.2	8.949280e+02	1.631100e+04
## 2227	7.84	97	1.2	8.438945e+02	1.593280e+05
## 2228	1.40	97	1.6	8.186157e+01	1.556300e+04
## 2229	9.94	96	1.6	6.933457e+02	1.519690e+05
## 2230	11.12	94	1.6	6.493422e+02	1.483720e+05
## 2231	1.21	92	1.4	5.558185e+02	1.448890e+05
## 2232	1.28	92	1.5	5.121638e+01	1.416220e+05
## 2233	8.86	82	1.5	NA	1.386600e+04
## 2234	NA	98	0.1	2.732862e+03	NA
## 2235	4.68	98	0.1	2.457543e+04	NA
## 2236	4.25	98	0.1	2.493439e+04	NA
## 2237	3.86	98	0.1	2.533946e+03	NA
## 2238	3.57	98	0.1	2.377747e+03	NA
## 2239	3.49	98	0.1	1.925959e+04	NA
## 2240	4.90	98	0.1	1.694293e+03	NA
## 2241	2.87	98	0.1	2.378323e+02	NA
## 2242	3.49	96	0.1	1.647217e+04	NA
## 2243	3.55	96	0.1	1.533467e+04	NA

## 2244	3.42	96	0.1	1.373983e+04	NA
## 2245	3.58	96	0.1	1.113887e+04	NA
## 2246	4.20	95	0.1	9.567458e+03	NA
## 2247	4.28	95	0.1	8.655312e+03	NA
## 2248	4.49	97	0.1	8.643494e+03	NA
## 2249	4.24	95	0.1	9.126954e+03	NA
## 2250	NA	89	0.3	9.872561e+01	1.497699e+07
## 2251	4.66	89	0.3	1.524439e+02	1.454611e+07
## 2252	4.51	92	0.3	1.489124e+02	1.412320e+05
## 2253	4.31	91	0.4	1.364518e+02	1.373513e+06
## 2254	4.42	92	0.4	1.825321e+01	1.339100e+04
## 2255	4.62	89	0.4	1.163138e+01	1.291623e+07
## 2256	4.81	86	0.5	1.256646e+01	1.255917e+06
## 2257	4.94	88	0.6	1.133678e+01	1.223957e+06
## 2258	4.72	94	0.7	9.539785e+01	1.187356e+07
## 2259	5.44	89	0.7	8.983830e+01	1.155676e+07
## 2260	5.35	84	0.7	7.738699e+02	1.125127e+07
## 2261	5.68	87	0.7	7.335818e+02	1.955944e+06
## 2262	5.40	73	0.7	6.427663e+02	1.679900e+04
## 2263	5.60	6	0.7	5.132623e+02	1.396861e+06
## 2264	4.98	52	0.6	4.812874e+02	1.134497e+06
## 2265	4.63	52	0.5	4.734534e+02	9.884520e+05
## 2266	NA	95	0.1	5.237255e+03	7.953830e+05
## 2267	1.37	93	0.1	6.217322e+01	7.135760e+05
## 2268	1.12	95	0.1	6.353826e+03	7.164132e+06
## 2269	9.89	91	0.1	5.659382e+03	7.199770e+05
## 2270	9.72	94	0.1	6.423292e+03	7.234990e+05
## 2271	1.90	91	0.1	5.411877e+03	7.291436e+06
## 2272	9.90	95	0.1	5.821354e+03	7.328700e+04
## 2273	1.50	95	0.1	6.717739e+02	7.352220e+05
## 2274	1.20	94	0.1	5.458122e+03	7.381579e+06
## 2275	8.99	92	0.1	4.129759e+03	7.411569e+06
## 2276	8.70	98	0.1	3.528132e+03	7.447690e+05
## 2277	8.24	88	0.1	3.331229e+03	7.463157e+06
## 2278	8.13	89	0.1	2.832497e+03	7.485910e+05
## 2279	8.90	95	0.1	2.149994e+03	7.496522e+06
## 2280	6.89	93	0.1	1.634876e+03	7.534330e+05
## 2281	6.53	95	0.1	8.713653e+01	7.516346e+06
## 2282	NA	97	0.1	1.539464e+03	9.341900e+04
## 2283	3.37	99	0.1	1.557779e+03	9.135900e+04
## 2284	3.58	98	0.1	1.568735e+04	8.994900e+04
## 2285	4.80	98	0.1	1.284517e+04	8.833000e+03
## 2286	3.38	99	0.1	1.218995e+04	8.744100e+04
## 2287	3.59	99	0.1	1.846845e+02	8.977000e+03
## 2288	2.64	99	0.1	9.769566e+02	8.729800e+04
## 2289	2.64	99	0.1	1.112286e+04	8.695600e+04
## 2290	3.30	99	0.1	1.215483e+04	8.533000e+03
## 2291	3.73	99	0.1	1.214400e+03	8.460000e+02
## 2292	3.91	99	0.1	1.192517e+03	8.285800e+04
## 2293	4.17	99	0.1	1.176659e+03	8.247500e+04

## 2294	4.64	99	0.1	8.524961e+03	8.278100e+04
## 2295	4.21	99	0.1	8.331262e+03	8.372300e+04
## 2296	4.45	96	0.1	7.663138e+03	8.122000e+03
## 2297	4.62	98	0.1	7.578852e+03	8.113100e+04
## 2298	NA	86	0.5	5.875382e+02	7.237250e+05
## 2299	11.90	83	0.6	7.843948e+01	7.791620e+05
## 2300	11.59	92	0.8	7.181870e+01	6.922790e+05
## 2301	11.24	91	0.9	5.618984e+02	6.766130e+05
## 2302	11.98	89	1.3	4.455250e+02	6.611692e+06
## 2303	1.32	86	1.6	4.512842e+01	6.458720e+05
## 2304	13.13	84	1.7	3.945932e+02	6.312600e+04
## 2305	1.29	77	1.9	4.637592e+01	6.165372e+06
## 2306	1.12	64	2.2	3.588275e+02	6.154170e+05
## 2307	1.68	64	2.2	3.223135e+02	5.848692e+06
## 2308	12.25	65	2.2	2.876892e+02	5.658379e+06
## 2309	11.66	65	2.1	2.631458e+02	5.439695e+06
## 2310	11.69	73	1.9	2.637618e+02	5.199549e+06
## 2311	11.96	53	1.7	2.499395e+02	4.957216e+06
## 2312	11.83	38	1.5	2.277795e+02	4.739147e+06
## 2313	13.63	44	1.2	1.393148e+02	4.564297e+06
## 2314	NA	96	0.1	5.362974e+04	NA
## 2315	4.92	96	0.1	5.633672e+04	NA
## 2316	4.53	97	0.1	5.629189e+03	NA
## 2317	4.22	97	0.1	5.443116e+04	NA
## 2318	3.93	96	0.1	5.316668e+04	NA
## 2319	3.96	96	0.1	4.656968e+04	NA
## 2320	4.27	97	0.1	3.857756e+04	NA
## 2321	3.91	97	0.1	3.972148e+04	NA
## 2322	3.46	97	0.1	3.922358e+04	NA
## 2323	3.66	95	0.1	3.357986e+04	NA
## 2324	3.74	96	0.1	2.986985e+04	NA
## 2325	3.17	95	0.1	2.745271e+03	NA
## 2326	3.63	96	0.1	2.357363e+04	NA
## 2327	2.84	94	0.1	2.216833e+03	NA
## 2328	2.37	96	0.1	2.157778e+04	NA
## 2329	2.71	98	0.1	2.379268e+04	NA
## 2330	NA	96	0.1	NA	NA
## 2331	8.50	97	0.1	NA	NA
## 2332	8.00	98	0.1	NA	NA
## 2333	8.15	99	0.1	NA	NA
## 2334	7.96	99	0.1	NA	NA
## 2335	8.51	99	0.1	NA	NA
## 2336	9.15	99	0.1	NA	NA
## 2337	8.20	99	0.1	NA	NA
## 2338	7.76	99	0.1	NA	NA
## 2339	7.35	99	0.1	NA	NA
## 2340	7.40	99	0.1	NA	NA
## 2341	7.21	99	0.1	NA	NA
## 2342	5.82	99	0.1	NA	NA
## 2343	5.63	99	0.1	NA	NA

## 2344	5.50	99	0.1	NA	NA
## 2345	5.50	99	0.1	NA	NA
## 2346	NA	95	0.1	2.729864e+03	2.635310e+05
## 2347	9.23	95	0.1	2.426729e+02	2.619800e+04
## 2348	9.29	95	0.1	2.315318e+03	2.599530e+05
## 2349	9.37	96	0.1	2.248647e+04	2.571590e+05
## 2350	9.80	96	0.1	2.498525e+04	2.528430e+05
## 2351	9.70	96	0.1	2.343747e+04	2.485830e+05
## 2352	9.38	96	0.1	2.463380e+04	2.396690e+05
## 2353	8.47	97	0.1	2.751813e+03	2.213160e+05
## 2354	7.98	97	0.1	2.384132e+04	2.181220e+05
## 2355	8.42	97	0.1	1.972613e+04	2.686800e+04
## 2356	8.50	95	0.1	1.816919e+04	2.474000e+03
## 2357	8.47	94	0.1	1.726915e+03	1.997120e+05
## 2358	8.77	95	0.1	1.488472e+03	1.995733e+06
## 2359	8.62	93	0.1	1.181500e+04	1.994530e+05
## 2360	8.57	92	0.1	1.479296e+03	1.992600e+04
## 2361	8.26	91	0.1	1.227737e+03	1.988925e+06
## 2362	NA	98	0.1	1.922414e+03	5.874820e+05
## 2363	5.50	88	0.1	2.965262e+01	5.755400e+04
## 2364	5.42	94	0.1	1.885159e+02	5.635130e+05
## 2365	5.48	99	0.1	1.858690e+03	5.515310e+05
## 2366	5.80	99	0.1	1.642838e+03	5.396140e+05
## 2367	7.47	9	0.1	1.272448e+03	5.277900e+04
## 2368	7.92	92	0.1	1.158283e+03	5.167900e+04
## 2369	5.97	89	0.1	1.257917e+02	5.447700e+04
## 2370	6.42	9	0.1	1.469311e+02	4.929400e+04
## 2371	6.66	99	0.1	9.486593e+02	4.814220e+05
## 2372	7.83	89	0.1	8.887486e+01	4.698850e+05
## 2373	5.64	9	0.1	8.184426e+02	4.583240e+05
## 2374	6.00	84	0.1	7.447657e+02	4.467690e+05
## 2375	6.90	78	0.1	7.849563e+02	4.352620e+05
## 2376	6.44	84	0.1	9.448168e+02	4.238530e+05
## 2377	4.56	86	0.1	1.545186e+02	4.126900e+04
## 2378	NA	42	0.7	4.269854e+02	NA
## 2379	NA	42	0.8	4.178914e+02	NA
## 2380	NA	42	0.8	4.754324e+01	NA
## 2381	NA	42	0.8	NA	NA
## 2382	NA	41	0.8	NA	NA
## 2383	NA	45	0.8	NA	NA
## 2384	NA	42	0.8	NA	NA
## 2385	NA	31	0.9	NA	NA
## 2386	NA	4	0.9	NA	NA
## 2387	NA	26	0.9	NA	NA
## 2388	NA	35	0.9	NA	NA
## 2389	NA	3	0.9	NA	NA
## 2390	NA	4	0.9	NA	NA
## 2391	NA	4	0.9	NA	NA
## 2392	NA	33	0.8	NA	NA
## 2393	NA	33	0.8	NA	NA

## 2394	NA	75	3.6	5.769773e+03	5.511977e+06
## 2395	8.80	77	3.7	6.479626e+03	5.414673e+07
## 2396	8.78	73	4.5	6.876954e+03	5.331196e+07
## 2397	8.79	65	7.6	7.548164e+03	5.256516e+06
## 2398	8.61	69	8.5	8.499542e+02	5.172935e+07
## 2399	8.50	72	11.0	7.362761e+03	5.979432e+06
## 2400	8.39	76	19.0	5.888628e+03	5.255813e+06
## 2401	7.75	79	23.5	5.786600e+03	4.955757e+07
## 2402	7.53	82	26.4	6.125400e+03	4.888384e+07
## 2403	7.57	82	28.1	5.631735e+03	4.823384e+06
## 2404	7.77	79	29.5	5.414634e+03	4.766672e+05
## 2405	7.93	74	29.7	4.863517e+03	4.717990e+03
## 2406	8.26	69	28.9	3.775683e+03	4.641819e+07
## 2407	8.90	7	26.6	2.518398e+03	4.585548e+07
## 2408	8.31	71	24.0	2.681781e+03	4.531294e+07
## 2409	8.70	73	21.3	3.372253e+02	4.489686e+07
## 2410	NA	31	3.4	7.587258e+02	1.188214e+07
## 2411	2.74	39	3.5	1.151862e+03	1.153971e+06
## 2412	2.62	45	3.6	1.186113e+03	1.117749e+06
## 2413	2.77	59	3.8	9.584558e+02	1.818258e+06
## 2414	NA	61	3.9	1.769713e+02	1.448857e+06
## 2415	NA	NA	4.0	1.562239e+03	1.671920e+05
## 2416	NA	NA	4.2	1.264790e+03	9.676670e+05
## 2417	NA	NA	4.2	1.678712e+03	9.263136e+06
## 2418	NA	NA	4.2	NA	8.856800e+04
## 2419	NA	NA	4.1	NA	8.468152e+06
## 2420	NA	NA	3.9	NA	8.188770e+05
## 2421	NA	NA	3.8	NA	7.787655e+06
## 2422	NA	NA	3.5	NA	7.516420e+05
## 2423	NA	NA	3.3	NA	7.237276e+06
## 2424	NA	NA	3.0	NA	6.974442e+06
## 2425	NA	NA	2.7	NA	6.765600e+04
## 2426	NA	97	0.1	2.568385e+04	4.644770e+07
## 2427	9.30	97	0.1	2.964722e+02	4.648882e+06
## 2428	9.10	96	0.1	2.921934e+03	4.662450e+05
## 2429	9.39	97	0.1	2.856229e+04	4.677355e+06
## 2430	9.48	97	0.1	3.183422e+04	4.674270e+07
## 2431	9.56	97	0.1	3.736228e+03	4.657690e+07
## 2432	9.52	96	0.1	3.233347e+04	4.636295e+07
## 2433	8.80	97	0.1	3.557874e+04	4.595416e+06
## 2434	8.36	96	0.1	3.279414e+03	4.522683e+06
## 2435	8.23	98	0.1	2.848269e+04	4.439732e+07
## 2436	8.12	96	0.1	2.651717e+03	4.365316e+07
## 2437	8.50	97	0.1	2.491865e+04	4.292190e+07
## 2438	7.99	98	0.1	2.149577e+04	4.218765e+07
## 2439	7.25	98	0.1	1.719535e+03	4.143156e+07
## 2440	7.24	96	0.1	1.532361e+04	4.854120e+05
## 2441	7.21	95	0.1	1.467677e+04	4.567864e+06
## 2442	NA	99	0.1	3.844891e+03	2.966000e+03
## 2443	3.50	99	0.1	3.825499e+02	2.771000e+03

## 2444	3.68	99	0.1	3.612894e+02	2.585000e+03
## 2445	3.21	99	0.1	3.355214e+02	2.425000e+03
## 2446	3.28	99	0.1	3.229926e+02	2.271000e+03
## 2447	3.43	99	0.1	2.819511e+03	2.119000e+03
## 2448	3.37	97	0.1	2.166816e+02	1.996800e+04
## 2449	3.44	98	0.1	2.544892e+02	1.981700e+04
## 2450	3.76	98	0.1	1.644816e+03	1.966800e+04
## 2451	4.60	98	0.1	1.448761e+03	1.952000e+03
## 2452	4.60	99	0.1	1.259876e+03	1.937300e+04
## 2453	4.28	97	0.1	1.746692e+02	1.922800e+04
## 2454	3.95	99	0.1	9.894548e+02	1.983000e+03
## 2455	3.89	98	0.1	8.731472e+02	1.893900e+04
## 2456	3.81	98	0.1	8.376998e+02	1.879700e+04
## 2457	3.77	99	0.1	8.754122e+02	1.865500e+04
## 2458	NA	93	0.3	2.513885e+03	3.864783e+06
## 2459	8.43	94	0.3	2.176898e+03	3.773791e+07
## 2460	8.42	93	0.3	1.955668e+03	3.684992e+07
## 2461	8.20	92	0.3	1.892894e+03	3.599192e+06
## 2462	8.30	93	0.3	1.666858e+03	3.516731e+07
## 2463	7.97	9	0.3	1.476479e+03	3.438596e+07
## 2464	8.40	81	0.3	1.226884e+03	3.365619e+06
## 2465	8.17	86	0.3	1.291529e+03	3.295550e+07
## 2466	4.72	84	0.3	1.115695e+03	3.228253e+07
## 2467	3.93	78	0.2	8.938794e+02	3.167640e+05
## 2468	3.18	78	0.2	6.797540e+02	3.911914e+06
## 2469	3.39	74	0.2	5.655695e+02	3.186341e+06
## 2470	3.18	69	0.2	4.777385e+02	2.943594e+07
## 2471	2.95	6	0.2	4.121518e+02	2.867957e+07
## 2472	2.96	66	0.2	3.775254e+02	2.794550e+05
## 2473	3.23	62	0.1	3.613584e+02	2.725535e+06
## 2474	NA	89	0.4	8.818983e+03	5.532800e+04
## 2475	5.69	85	0.4	9.564464e+03	5.479280e+05
## 2476	5.96	86	0.4	9.484569e+03	5.425400e+04
## 2477	6.90	84	0.9	9.272413e+03	5.377700e+04
## 2478	5.93	86	0.1	8.318977e+03	5.315890e+05
## 2479	5.81	96	0.5	8.333133e+02	5.261300e+04
## 2480	6.14	87	0.6	7.443852e+03	5.261900e+04
## 2481	5.92	85	1.2	6.858163e+03	5.151480e+05
## 2482	5.92	84	0.8	5.761395e+03	5.975000e+03
## 2483	6.22	84	0.6	5.279200e+02	5.437000e+03
## 2484	6.78	83	0.6	3.595885e+03	4.989460e+05
## 2485	6.88	85	0.9	3.648773e+01	4.936300e+04
## 2486	6.62	75	1.0	2.631399e+02	4.883320e+05
## 2487	7.14	73	1.6	2.232513e+03	4.834400e+04
## 2488	8.38	68	1.8	1.598775e+03	4.777400e+04
## 2489	9.65	71	0.4	1.888618e+03	4.723900e+04
## 2490	NA	9	7.1	3.136925e+03	1.319110e+05
## 2491	9.25	98	7.3	3.464352e+03	1.295970e+05
## 2492	9.66	98	9.8	3.598760e+03	1.271456e+06
## 2493	8.76	95	12.2	3.851515e+03	1.248158e+06

## 2494	8.61	91	15.7	3.934273e+03	1.225258e+06
## 2495	8.47	89	21.6	3.692393e+02	1.228430e+05
## 2496	8.46	88	33.7	3.325171e+02	1.186750e+05
## 2497	8.19	88	40.2	2.842438e+03	1.158897e+06
## 2498	7.50	87	40.7	3.474880e+02	1.138434e+06
## 2499	6.81	87	43.7	2.937367e+03	1.125140e+05
## 2500	6.80	86	49.1	2.873862e+03	1.158730e+05
## 2501	5.88	86	50.3	2.529634e+03	1.955300e+04
## 2502	5.71	85	50.6	2.299449e+01	1.873920e+05
## 2503	5.16	85	49.9	1.324996e+03	1.893000e+03
## 2504	5.11	84	48.8	1.437635e+03	1.729270e+05
## 2505	5.26	84	46.4	1.637457e+03	1.614680e+05
## 2506	NA	98	0.1	5.585258e+03	9.799186e+06
## 2507	11.93	98	0.1	5.918199e+03	9.696110e+05
## 2508	11.97	98	0.1	6.283245e+03	9.637900e+04
## 2509	11.80	98	0.1	5.713478e+04	9.519374e+06
## 2510	11.70	98	0.1	5.959329e+04	9.449213e+06
## 2511	9.47	98	0.1	5.276256e+03	9.378126e+06
## 2512	9.94	98	0.1	4.627592e+03	9.298515e+06
## 2513	9.23	98	0.1	5.574684e+04	9.219637e+06
## 2514	8.92	98	0.1	5.332438e+04	9.148920e+05
## 2515	8.95	98	0.1	4.625647e+04	9.855000e+03
## 2516	9.60	98	0.1	4.385353e+03	9.295720e+05
## 2517	9.90	99	0.1	4.244222e+04	8.993531e+06
## 2518	9.31	99	0.1	3.696143e+04	8.958229e+06
## 2519	9.23	99	0.1	2.957174e+04	8.924958e+06
## 2520	8.86	99	0.1	2.696924e+04	8.895960e+05
## 2521	8.18	99	0.1	2.928355e+04	8.872190e+05
## 2522	NA	97	0.1	8.989842e+03	8.282396e+06
## 2523	11.66	96	0.1	8.581459e+04	8.188649e+06
## 2524	11.71	96	0.1	8.465889e+04	8.893460e+05
## 2525	11.59	96	0.1	8.316439e+04	7.996861e+06
## 2526	11.21	96	0.1	8.799844e+04	7.912398e+06
## 2527	11.70	95	0.1	7.427672e+04	7.824990e+05
## 2528	11.00	95	0.1	6.967247e+04	7.743831e+06
## 2529	1.29	95	0.1	7.211957e+04	7.647675e+06
## 2530	1.21	94	0.1	6.322347e+04	7.551117e+06
## 2531	1.39	94	0.1	5.734893e+04	7.483934e+06
## 2532	1.86	94	0.1	5.479755e+04	7.437115e+06
## 2533	1.96	93	0.1	5.325598e+04	7.389625e+06
## 2534	1.93	93	0.1	4.796565e+03	7.339100e+04
## 2535	1.61	93	0.1	4.133672e+04	7.284753e+06
## 2536	1.28	93	0.1	3.853864e+04	7.229854e+06
## 2537	9.91	93	0.1	3.781323e+04	7.184250e+05
## 2538	NA	41	0.1	NA	1.873499e+07
## 2539	3.25	43	0.1	NA	1.923900e+04
## 2540	3.25	41	0.1	NA	1.989141e+06
## 2541	3.25	45	0.1	NA	2.427100e+04
## 2542	3.23	72	0.1	NA	2.863993e+06
## 2543	3.28	8	0.1	NA	2.118834e+06

## 2544	3.55	8	0.1	NA	2.824893e+06
## 2545	3.40	79	0.1	NA	2.325443e+06
## 2546	3.72	8	0.1	2.583529e+02	1.963286e+06
## 2547	3.78	8	0.1	1.762246e+03	1.891498e+07
## 2548	4.11	8	0.1	1.577457e+03	1.829461e+07
## 2549	4.48	81	0.1	1.488527e+02	1.786638e+06
## 2550	5.12	83	0.1	1.253391e+03	1.741527e+07
## 2551	4.94	84	0.1	1.263135e+03	1.787910e+05
## 2552	4.92	82	0.1	1.258422e+03	1.676690e+07
## 2553	4.92	84	0.1	1.177629e+03	1.641848e+06
## 2554	NA	96	0.2	9.186772e+02	8.548651e+06
## 2555	6.88	97	0.2	1.144592e+02	8.362745e+06
## 2556	6.75	96	0.2	1.421441e+01	8.177890e+05
## 2557	6.39	94	0.2	9.547253e+02	7.995620e+05
## 2558	5.98	96	0.2	8.345413e+02	7.815949e+06
## 2559	6.40	93	0.2	7.383475e+02	7.641630e+05
## 2560	5.93	93	0.2	6.663459e+02	7.472819e+06
## 2561	5.58	86	0.3	7.691413e+01	7.397280e+05
## 2562	5.35	86	0.3	5.235956e+01	7.152385e+06
## 2563	5.70	83	0.3	4.428727e+01	7.557000e+03
## 2564	5.89	84	0.3	3.373592e+02	6.854176e+06
## 2565	5.70	86	0.3	3.928183e+01	6.712841e+06
## 2566	4.46	85	0.3	2.363144e+02	6.576877e+06
## 2567	4.48	85	0.3	1.893879e+02	6.447688e+06
## 2568	4.59	85	0.3	1.781597e+01	6.327125e+06
## 2569	4.64	83	0.3	1.384366e+02	6.216250e+05
## 2570	NA	99	0.1	5.814863e+03	6.865760e+05
## 2571	4.12	99	0.1	5.941847e+03	6.841677e+07
## 2572	4.00	99	0.1	6.171262e+03	6.814365e+06
## 2573	4.17	99	0.1	5.859916e+03	6.784398e+07
## 2574	4.12	99	0.2	5.491160e+03	6.753130e+05
## 2575	3.81	99	0.2	5.753218e+02	6.728880e+05
## 2576	4.11	99	0.3	4.212549e+03	6.688187e+07
## 2577	3.92	99	0.3	4.378687e+03	6.654576e+06
## 2578	3.56	98	0.4	3.972265e+03	6.619562e+07
## 2579	3.49	98	0.5	3.368953e+03	6.582416e+07
## 2580	3.55	98	0.5	2.893651e+03	6.542547e+06
## 2581	3.51	98	0.5	2.659839e+03	6.522310e+05
## 2582	3.58	98	0.6	2.358936e+03	6.455495e+07
## 2583	3.70	96	0.7	2.965462e+02	6.473164e+06
## 2584	3.32	96	0.8	1.893145e+03	6.354332e+07
## 2585	3.40	97	0.8	2.756483e+01	6.295821e+06
## 2586	NA	91	0.1	NA	NA
## 2587	6.48	95	0.1	NA	NA
## 2588	6.70	98	0.1	NA	NA
## 2589	6.76	95	0.1	NA	NA
## 2590	6.61	96	0.1	NA	NA
## 2591	6.83	95	0.1	NA	NA
## 2592	6.74	96	0.1	NA	NA
## 2593	6.85	95	0.1	NA	NA

## 2594	6.90	95	0.1	NA	NA
## 2595	7.61	93	0.1	NA	NA
## 2596	7.95	97	0.1	NA	NA
## 2597	8.64	94	0.1	NA	NA
## 2598	9.17	96	0.1	NA	NA
## 2599	9.10	96	0.1	NA	NA
## 2600	8.18	91	0.1	NA	NA
## 2601	8.52	95	0.1	NA	NA
## 2602	NA	76	0.1	1.161769e+03	1.249770e+05
## 2603	1.48	77	0.1	1.153516e+03	1.212814e+06
## 2604	1.29	82	0.1	1.177657e+02	1.184366e+06
## 2605	1.10	83	0.1	1.117777e+03	1.156760e+05
## 2606	0.76	67	0.1	1.145618e+02	1.131523e+06
## 2607	0.92	72	0.1	8.498627e+02	1.195910e+05
## 2608	1.20	72	0.1	7.573114e+02	1.922100e+04
## 2609	0.74	79	0.1	6.437191e+02	1.781100e+04
## 2610	0.37	7	0.1	5.248959e+02	1.649730e+05
## 2611	0.65	63	0.1	4.415323e+02	1.486210e+05
## 2612	1.50	55	0.1	4.783319e+02	1.264840e+05
## 2613	1.31	57	0.1	4.675438e+02	9.966980e+05
## 2614	2.48	55	0.1	4.714566e+02	9.685200e+04
## 2615	3.89	54	0.1	4.861552e+01	9.238250e+05
## 2616	3.75	NA	0.1	5.642499e+01	8.925310e+05
## 2617	3.26	NA	0.1	4.222863e+02	8.716700e+04
## 2618	NA	88	1.0	5.511383e+02	7.416820e+05
## 2619	5.25	87	1.0	6.213185e+01	7.228915e+06
## 2620	5.12	84	1.5	5.794348e+02	7.429480e+05
## 2621	5.11	84	1.7	5.636894e+02	6.859482e+06
## 2622	5.21	85	2.6	5.623394e+02	6.679282e+06
## 2623	5.37	83	3.8	4.879239e+02	6.529520e+05
## 2624	6.64	78	4.3	4.996469e+02	6.334720e+05
## 2625	5.73	81	4.8	5.133919e+02	6.161796e+06
## 2626	5.55	82	5.1	4.276474e+01	5.997385e+06
## 2627	5.56	84	5.0	3.773363e+02	5.837792e+06
## 2628	5.17	82	5.0	3.721722e+02	5.683268e+06
## 2629	5.60	71	5.1	3.499937e+02	5.534598e+06
## 2630	5.00	72	5.2	3.143714e+01	5.391410e+05
## 2631	4.70	59	5.3	2.883212e+01	5.251472e+06
## 2632	4.29	5	5.3	2.663947e+01	5.111770e+05
## 2633	4.35	64	5.1	2.639329e+01	4.973670e+05
## 2634	NA	78	0.1	4.937754e+02	1.636400e+04
## 2635	5.18	8	0.1	4.192350e+03	1.578200e+04
## 2636	4.98	82	0.1	4.266557e+03	1.532800e+04
## 2637	4.51	77	0.1	4.515425e+02	1.495100e+04
## 2638	4.60	82	0.1	4.451887e+02	1.457700e+04
## 2639	4.59	82	0.1	3.547600e+03	1.413700e+04
## 2640	4.67	84	0.1	3.784656e+01	1.364000e+03
## 2641	5.13	86	0.1	3.392647e+03	1.350000e+02
## 2642	5.82	87	0.1	2.932316e+03	1.235700e+04
## 2643	5.61	88	0.1	2.892523e+03	1.168900e+04

## 2644	6.52	89	0.1	2.594750e+03	1.141000e+03
## 2645	4.87	9	0.1	2.284379e+03	1.460000e+02
## 2646	5.90	9	0.1	2.297147e+02	9.978900e+04
## 2647	5.30	84	0.1	1.842444e+03	9.918400e+04
## 2648	5.66	89	0.1	1.837977e+03	9.861100e+04
## 2649	4.75	91	0.1	2.632724e+02	9.882000e+03
## 2650	NA	96	0.3	1.732183e+04	1.369200e+04
## 2651	5.93	92	0.3	1.932524e+04	1.354493e+06
## 2652	5.98	92	0.3	1.967833e+03	1.348248e+06
## 2653	5.78	92	0.4	1.915253e+04	1.341588e+06
## 2654	5.60	9	0.4	1.953977e+03	1.334788e+06
## 2655	5.29	9	0.4	1.668395e+04	1.328100e+04
## 2656	6.47	9	0.2	1.458880e+03	1.321618e+06
## 2657	4.40	9	0.3	2.118812e+04	1.315372e+06
## 2658	4.82	88	0.7	1.653184e+03	1.392600e+04
## 2659	4.49	92	0.6	1.495963e+03	1.331440e+05
## 2660	5.31	95	0.5	1.232313e+04	1.296934e+06
## 2661	5.22	94	1.0	1.295191e+02	1.295350e+05
## 2662	5.13	91	0.5	8.845187e+02	1.284520e+05
## 2663	5.00	96	2.0	7.496266e+02	1.277837e+06
## 2664	4.40	91	1.2	6.935721e+03	1.272380e+05
## 2665	4.17	9	0.9	6.439473e+02	1.267984e+06
## 2666	NA	98	0.1	3.828916e+03	1.127366e+07
## 2667	7.00	98	0.1	4.271682e+03	1.114398e+06
## 2668	7.26	98	0.1	4.199473e+03	1.114558e+06
## 2669	7.18	97	0.1	4.137554e+03	1.886668e+06
## 2670	7.15	98	0.1	4.256913e+03	1.761467e+06
## 2671	6.54	98	0.1	4.141518e+02	1.639931e+06
## 2672	6.18	99	0.1	4.129977e+03	1.521834e+06
## 2673	5.63	99	0.1	4.319326e+02	1.473360e+05
## 2674	5.64	98	0.1	3.778184e+03	1.298870e+05
## 2675	5.64	99	0.1	3.371712e+03	1.196136e+06
## 2676	5.57	98	0.1	3.194562e+03	1.124820e+05
## 2677	5.63	97	0.1	3.112835e+03	1.176100e+04
## 2678	5.36	95	0.1	2.761969e+03	9.939678e+06
## 2679	5.32	96	0.1	2.346594e+03	9.864326e+06
## 2680	5.29	98	0.1	2.254933e+03	9.785710e+05
## 2681	5.40	97	0.1	2.213915e+03	9.699197e+06
## 2682	NA	97	0.1	1.979526e+03	7.827147e+07
## 2683	5.41	96	0.1	1.212723e+04	7.736280e+05
## 2684	5.38	98	0.1	1.254294e+04	7.578733e+07
## 2685	5.24	97	0.1	1.172384e+03	7.456987e+07
## 2686	5.29	97	0.1	1.134113e+04	7.349455e+06
## 2687	5.61	97	0.1	1.672569e+03	7.232691e+07
## 2688	6.80	96	0.1	9.364999e+02	7.133919e+07
## 2689	6.70	96	0.1	1.856898e+02	7.443200e+04
## 2690	6.40	96	0.1	9.794925e+02	6.959728e+07
## 2691	5.81	9	0.1	8.348692e+02	6.876345e+06
## 2692	5.45	9	0.1	7.384355e+03	6.793460e+05
## 2693	5.37	85	0.1	6.472953e+01	6.778550e+05

## 2694	5.34	68	0.1 4.718513e+03 6.685830e+05
## 2695	5.36	78	0.1 3.665700e+02 6.514354e+06
## 2696	5.16	88	0.1 3.119637e+03 6.419147e+07
## 2697	4.95	85	0.1 4.316554e+03 6.324121e+06
## 2698	NA	99	0.1 6.432669e+03 5.565284e+06
## 2699	2.70	98	0.1 7.962366e+03 5.466241e+06
## 2700	2.12	98	0.1 7.344253e+02 5.366277e+06
## 2701	1.96	97	0.1 6.675263e+03 5.267839e+06
## 2702	1.98	97	0.1 5.649978e+03 5.174610e+05
## 2703	1.99	96	0.1 4.439230e+03 5.872100e+04
## 2704	1.88	96	0.1 4.364592e+02 5.795000e+03
## 2705	1.93	96	0.1 3.944677e+02 4.935762e+06
## 2706	2.16	98	0.1 2.637143e+01 4.871370e+05
## 2707	2.90	98	0.1 2.136668e+03 4.811500e+04
## 2708	3.51	99	0.1 1.745147e+02 4.754641e+06
## 2709	4.30	97	0.1 1.453917e+03 4.733980e+05
## 2710	3.85	83	0.1 1.283886e+03 4.655741e+06
## 2711	3.34	98	0.1 9.679175e+02 4.612000e+03
## 2712	3.87	95	0.1 7.744763e+02 4.564800e+04
## 2713	3.94	97	0.1 6.431752e+02 4.516131e+06
## 2714	16.61	9	0.1 3.542136e+03 1.819000e+03
## 2715	NA	78	3.1 6.938964e+02 4.144870e+05
## 2716	7.22	78	3.2 7.191727e+02 3.883334e+07
## 2717	7.47	78	4.0 6.624923e+02 3.755373e+07
## 2718	7.58	78	4.6 6.477474e+02 3.636796e+06
## 2719	9.90	82	6.8 5.843962e+02 3.593648e+06
## 2720	11.20	8	8.0 5.949973e+02 3.391513e+07
## 2721	8.43	79	8.1 6.471773e+02 3.277190e+07
## 2722	9.10	71	8.2 4.496928e+02 3.166390e+07
## 2723	9.76	73	8.4 4.185863e+01 3.594870e+05
## 2724	9.86	64	8.6 3.364594e+02 2.955662e+06
## 2725	9.36	64	8.7 3.157882e+02 2.854394e+06
## 2726	8.90	62	8.9 2.882369e+02 2.756844e+07
## 2727	7.54	59	9.4 2.379996e+02 2.662482e+06
## 2728	7.78	57	10.0 2.424232e+01 2.571848e+06
## 2729	7.26	55	10.8 2.349848e+02 2.485489e+07
## 2730	6.77	52	11.6 2.576337e+02 2.439274e+06
## 2731	NA	23	0.2 2.124663e+03 4.515429e+06
## 2732	7.10	23	0.2 3.146583e+02 4.527195e+07
## 2733	7.67	76	0.2 4.297155e+02 4.548960e+05
## 2734	7.47	76	0.2 3.855421e+03 4.559330e+05
## 2735	6.98	5	0.2 3.569757e+03 4.576100e+04
## 2736	7.81	52	0.2 2.965142e+03 4.587700e+04
## 2737	7.80	71	0.3 2.545483e+03 4.653300e+04
## 2738	6.63	9	0.4 3.891378e+03 4.625820e+05
## 2739	6.36	98	0.7 3.686900e+02 4.659350e+05
## 2740	6.39	98	0.8 2.331883e+02 4.678775e+06
## 2741	6.41	96	0.9 1.828718e+03 4.715150e+05
## 2742	6.61	99	1.0 1.367352e+03 4.745160e+05
## 2743	6.93	97	0.9 1.485225e+02 4.781295e+06

## 2744	6.25	99	0.9	8.794755e+02	4.822500e+04
## 2745	5.66	99	0.8	7.873824e+01	4.868387e+07
## 2746	5.59	99	0.7	6.357896e+02	4.917585e+07
## 2747	NA	99	0.1	3.911747e+03	NA
## 2748	3.64	99	0.1	4.444974e+04	NA
## 2749	3.49	98	0.1	4.335643e+03	NA
## 2750	3.45	96	0.1	4.211224e+04	NA
## 2751	3.70	95	0.1	4.462313e+03	NA
## 2752	3.93	94	0.1	3.549148e+03	NA
## 2753	4.50	93	0.1	3.372575e+03	NA
## 2754	2.93	92	0.1	4.575896e+04	NA
## 2755	2.57	92	0.1	4.267261e+04	NA
## 2756	2.33	92	0.1	4.237222e+04	NA
## 2757	2.32	94	0.1	3.943982e+04	NA
## 2758	2.46	94	0.1	3.616118e+04	NA
## 2759	2.65	94	0.1	3.323523e+03	NA
## 2760	2.72	94	0.1	3.131136e+04	NA
## 2761	2.48	94	0.1	3.161529e+03	NA
## 2762	2.38	94	0.1	3.371269e+03	NA
## 2763	NA	96	0.1	NA	NA
## 2764	9.12	95	0.1	NA	NA
## 2765	9.34	95	0.1	NA	NA
## 2766	9.41	95	0.1	NA	NA
## 2767	9.34	95	0.1	NA	NA
## 2768	9.51	94	0.1	NA	NA
## 2769	9.81	93	0.1	NA	NA
## 2770	8.85	92	0.1	NA	NA
## 2771	8.42	92	0.1	NA	NA
## 2772	8.36	92	0.1	NA	NA
## 2773	8.24	91	0.1	NA	NA
## 2774	7.98	92	0.1	NA	NA
## 2775	7.81	91	0.1	NA	NA
## 2776	7.57	91	0.1	NA	NA
## 2777	7.31	91	0.1	NA	NA
## 2778	6.94	91	0.1	NA	NA
## 2779	NA	98	1.4	NA	NA
## 2780	5.58	97	1.4	NA	NA
## 2781	5.57	91	2.1	NA	NA
## 2782	5.72	92	2.4	NA	NA
## 2783	5.72	9	3.1	NA	NA
## 2784	5.30	91	4.6	NA	NA
## 2785	3.97	85	6.4	NA	NA
## 2786	4.21	86	7.4	NA	NA
## 2787	4.72	83	8.5	NA	NA
## 2788	6.86	9	9.4	NA	NA
## 2789	4.66	9	10.0	NA	NA
## 2790	4.10	95	10.8	NA	NA
## 2791	4.60	95	11.5	NA	NA
## 2792	3.59	89	12.1	NA	NA
## 2793	3.28	87	12.5	NA	NA

## 2794	2.64	79	12.8	NA	NA
## 2795	NA	95	0.1	NA	NA
## 2796	17.14	95	0.1	NA	NA
## 2797	16.90	94	0.1	NA	NA
## 2798	17.20	94	0.1	NA	NA
## 2799	17.60	96	0.1	NA	NA
## 2800	17.20	95	0.1	NA	NA
## 2801	17.00	95	0.1	NA	NA
## 2802	16.20	96	0.1	NA	NA
## 2803	15.57	96	0.1	NA	NA
## 2804	15.27	96	0.1	NA	NA
## 2805	15.15	96	0.1	NA	NA
## 2806	15.14	96	0.1	NA	NA
## 2807	15.60	96	0.1	NA	NA
## 2808	14.55	94	0.1	NA	NA
## 2809	13.73	94	0.1	NA	NA
## 2810	13.70	94	0.1	NA	NA
## 2811	NA	95	0.1	1.552484e+04	3.431552e+06
## 2812	8.58	95	0.1	1.673790e+04	3.419546e+06
## 2813	8.68	94	0.1	1.688126e+04	3.485000e+03
## 2814	8.74	95	0.1	1.592682e+03	3.396777e+06
## 2815	8.55	95	0.1	1.416650e+04	3.385624e+06
## 2816	8.63	95	0.1	1.193821e+04	3.374415e+06
## 2817	8.78	95	0.1	9.415174e+03	3.362755e+06
## 2818	8.17	94	0.1	9.623122e+02	3.358240e+05
## 2819	8.23	94	0.1	7.969746e+01	3.339741e+06
## 2820	11.17	95	0.1	5.877877e+03	3.331430e+05
## 2821	11.15	96	0.1	5.229511e+02	3.325612e+06
## 2822	11.59	94	0.1	4.117389e+03	3.324960e+05
## 2823	6.52	91	0.1	3.622523e+03	3.325637e+06
## 2824	7.18	95	0.1	4.887689e+02	3.327773e+06
## 2825	7.46	94	0.1	6.281377e+03	3.327130e+05
## 2826	7.82	9	0.1	6.871898e+03	3.321245e+06
## 2827	NA	99	0.1	2.137577e+03	3.129890e+05
## 2828	5.84	99	0.1	2.544841e+01	3.757700e+04
## 2829	6.32	99	0.1	1.975512e+02	3.243200e+04
## 2830	6.49	99	0.1	1.744683e+02	2.977450e+05
## 2831	5.65	99	0.1	1.564967e+03	2.933940e+05
## 2832	5.34	99	0.2	1.377821e+03	2.856240e+05
## 2833	6.31	98	0.2	1.213265e+03	2.776740e+05
## 2834	5.92	98	0.3	1.822862e+02	2.732800e+04
## 2835	5.81	96	0.3	8.347694e+01	2.686800e+04
## 2836	5.49	96	0.4	6.542838e+02	2.648825e+06
## 2837	5.11	99	0.3	5.467769e+02	2.616700e+04
## 2838	5.11	99	0.3	4.651199e+02	2.586435e+06
## 2839	5.17	98	0.3	3.961300e+02	2.556765e+06
## 2840	5.44	99	0.2	3.833495e+02	2.527185e+06
## 2841	5.28	99	0.2	4.567349e+02	2.496445e+06
## 2842	5.29	99	0.1	5.582211e+02	2.465400e+04
## 2843	NA	64	0.1	2.858341e+02	2.646300e+04

## 2844	5.20	64	0.1	3.148365e+03	2.588500e+04
## 2845	3.92	64	0.1	3.167344e+03	2.531420e+05
## 2846	3.70	64	0.1	3.158587e+03	2.474850e+05
## 2847	3.85	65	0.1	3.275917e+03	2.418710e+05
## 2848	4.71	65	0.1	2.965824e+03	2.362950e+05
## 2849	3.90	66	0.1	2.643441e+03	2.378500e+04
## 2850	3.66	67	0.1	2.697961e+03	2.253400e+04
## 2851	3.67	67	0.1	2.393367e+03	2.199530e+05
## 2852	3.96	68	0.1	2.479782e+02	2.146340e+05
## 2853	3.87	68	0.1	1.886433e+03	2.937000e+03
## 2854	4.12	69	0.1	1.787947e+03	2.414300e+04
## 2855	4.20	69	0.1	1.585272e+02	1.989640e+05
## 2856	3.52	7	0.1	1.353935e+03	1.939560e+05
## 2857	3.37	7	0.1	1.362617e+03	1.892900e+04
## 2858	3.28	71	0.1	1.469849e+03	1.856300e+04
## 2859	NA	87	0.1	NA	NA
## 2860	5.26	78	0.1	NA	NA
## 2861	4.94	82	0.1	NA	NA
## 2862	4.80	81	0.1	NA	NA
## 2863	5.24	78	0.1	NA	NA
## 2864	5.40	78	0.1	NA	NA
## 2865	5.81	84	0.1	NA	NA
## 2866	3.98	5	0.1	NA	NA
## 2867	5.25	62	0.1	NA	NA
## 2868	4.85	71	0.1	NA	NA
## 2869	4.69	87	0.1	NA	NA
## 2870	4.78	86	0.1	NA	NA
## 2871	4.93	68	0.1	NA	NA
## 2872	4.93	65	0.1	NA	NA
## 2873	5.21	7	0.1	NA	NA
## 2874	4.91	77	0.1	NA	NA
## 2875	NA	97	0.1	NA	NA
## 2876	7.70	95	0.1	NA	NA
## 2877	7.17	59	0.1	NA	NA
## 2878	6.96	97	0.1	NA	NA
## 2879	6.20	95	0.1	NA	NA
## 2880	6.36	93	0.1	NA	NA
## 2881	6.40	96	0.1	NA	NA
## 2882	5.53	93	0.2	NA	NA
## 2883	6.90	92	0.2	NA	NA
## 2884	5.56	94	0.2	NA	NA
## 2885	5.38	95	0.2	NA	NA
## 2886	5.90	96	0.2	NA	NA
## 2887	4.84	99	0.2	NA	NA
## 2888	4.70	75	0.2	NA	NA
## 2889	5.17	96	0.1	NA	NA
## 2890	4.89	96	0.1	NA	NA
## 2891	NA	69	0.1	NA	NA
## 2892	5.64	73	0.1	NA	NA
## 2893	5.78	73	0.1	NA	NA

## 2894	5.73	67	0.1	NA	NA
## 2895	5.40	69	0.1	NA	NA
## 2896	5.17	76	0.1	NA	NA
## 2897	5.32	76	0.1	NA	NA
## 2898	5.12	78	0.1	NA	NA
## 2899	4.92	79	0.1	NA	NA
## 2900	4.82	78	0.1	NA	NA
## 2901	4.58	79	0.1	NA	NA
## 2902	4.90	72	0.1	NA	NA
## 2903	5.00	61	0.1	NA	NA
## 2904	4.22	65	0.1	NA	NA
## 2905	4.34	73	0.1	NA	NA
## 2906	4.14	74	0.1	NA	NA
## 2907	NA	9	4.1	1.313890e+03	1.615870e+05
## 2908	4.99	86	4.3	1.738882e+03	1.562974e+06
## 2909	4.99	79	4.8	1.857934e+02	1.515321e+06
## 2910	4.91	78	5.6	1.734936e+03	1.469994e+07
## 2911	4.26	81	6.3	1.644620e+03	1.426476e+07
## 2912	4.41	83	6.8	1.463214e+03	1.385330e+05
## 2913	4.73	94	9.1	1.139112e+03	1.345642e+07
## 2914	4.87	87	11.9	1.369682e+03	1.382517e+06
## 2915	4.37	8	13.6	1.145880e+02	1.272597e+07
## 2916	6.11	81	15.9	1.315420e+01	1.238345e+07
## 2917	7.56	82	17.0	6.913178e+02	1.252156e+06
## 2918	7.33	83	17.6	5.327722e+01	1.173175e+07
## 2919	8.18	83	18.2	4.291583e+02	1.142198e+07
## 2920	6.93	84	18.4	3.771352e+02	1.112490e+05
## 2921	6.56	85	18.6	3.782736e+02	1.824125e+06
## 2922	7.16	85	18.7	3.419556e+02	1.531221e+06
## 2923	NA	87	6.2	1.186938e+02	1.577745e+07
## 2924	6.44	91	6.3	1.274746e+02	1.541168e+07
## 2925	6.88	95	6.8	1.112274e+02	1.554560e+05
## 2926	6.69	95	8.8	9.556485e+02	1.471826e+06
## 2927	6.31	93	13.3	8.399279e+02	1.438665e+07
## 2928	5.37	89	15.7	7.136356e+02	1.486317e+06
## 2929	6.26	73	18.1	6.582412e+01	1.381599e+06
## 2930	4.96	75	20.5	3.256786e+02	1.355847e+07
## 2931	4.47	73	23.7	3.969982e+02	1.332999e+06
## 2932	5.12	7	26.8	4.147962e+02	1.312427e+07
## 2933	6.44	68	30.3	4.447658e+02	1.294320e+05
## 2934	7.13	65	33.6	4.543667e+02	1.277751e+07
## 2935	6.52	68	36.7	4.533512e+02	1.263390e+07
## 2936	6.53	71	39.8	5.734834e+01	1.255250e+05
## 2937	6.16	75	42.1	5.485873e+02	1.236617e+07
## 2938	7.10	78	43.5	5.473589e+02	1.222225e+07
##	thinness..1.19.years thinness.5.9.years				
Income.composition.of.resources					
## 1	17.2		17.3		
0.479					
## 2	17.5		17.5		

0.476		
## 3	17.7	17.7
0.470		
## 4	17.9	18.0
0.463		
## 5	18.2	18.2
0.454		
## 6	18.4	18.4
0.448		
## 7	18.6	18.7
0.434		
## 8	18.8	18.9
0.433		
## 9	19.0	19.1
0.415		
## 10	19.2	19.3
0.405		
## 11	19.3	19.5
0.396		
## 12	19.5	19.7
0.381		
## 13	19.7	19.9
0.373		
## 14	19.9	2.2
0.341		
## 15	2.1	2.4
0.340		
## 16	2.3	2.5
0.338		
## 17	1.2	1.3
0.762		
## 18	1.2	1.3
0.761		
## 19	1.3	1.4
0.759		
## 20	1.3	1.4
0.752		
## 21	1.4	1.5
0.738		
## 22	1.4	1.5
0.725		
## 23	1.5	1.6
0.721		
## 24	1.6	1.6
0.713		
## 25	1.6	1.7
0.703		
## 26	1.7	1.8
0.696		
## 27	1.8	1.8

0.685		
## 28	1.8	1.9
0.681		
## 29	1.9	2.0
0.674		
## 30	2.0	2.1
0.670		
## 31	2.1	2.1
0.662		
## 32	2.1	2.2
0.656		
## 33	6.0	5.8
0.743		
## 34	6.0	5.8
0.741		
## 35	5.9	5.8
0.737		
## 36	5.9	5.8
0.732		
## 37	5.9	5.8
0.724		
## 38	5.9	5.8
0.714		
## 39	6.0	5.9
0.705		
## 40	6.0	5.9
0.697		
## 41	6.0	5.9
0.690		
## 42	6.1	6.0
0.686		
## 43	6.1	6.0
0.680		
## 44	6.2	6.1
0.673		
## 45	6.3	6.1
0.663		
## 46	6.3	6.2
0.653		
## 47	6.4	6.3
0.644		
## 48	6.5	6.4
0.636		
## 49	8.3	8.2
0.531		
## 50	8.5	8.3
0.527		
## 51	8.6	8.5
0.523		
## 52	8.8	8.6

0.508		
## 53	8.9	8.8
0.495		
## 54	9.1	9.0
0.488		
## 55	9.3	9.2
0.480		
## 56	9.5	9.4
0.468		
## 57	9.6	9.6
0.454		
## 58	9.8	9.7
0.439		
## 59	1.0	9.9
0.426		
## 60	1.2	1.1
0.415		
## 61	1.4	1.3
0.406		
## 62	1.5	1.5
0.401		
## 63	1.7	1.7
0.391		
## 64	1.9	1.9
0.382		
## 65	3.3	3.3
0.784		
## 66	3.3	3.3
0.782		
## 67	3.3	3.3
0.781		
## 68	3.3	3.3
0.778		
## 69	3.3	3.3
0.782		
## 70	3.3	3.3
0.783		
## 71	3.4	3.3
0.788		
## 72	3.4	3.3
0.786		
## 73	3.4	3.3
0.781		
## 74	3.4	3.4
0.773		
## 75	3.5	3.4
0.000		
## 76	3.5	3.4
0.000		
## 77	3.5	3.5

0.000		
## 78	3.6	3.5
0.000		
## 79	3.6	3.5
0.000		
## 80	3.7	3.6
0.000		
## 81	1.0	0.9
0.826		
## 82	1.0	0.9
0.825		
## 83	1.0	0.9
0.823		
## 84	1.0	0.9
0.822		
## 85	1.0	0.9
0.816		
## 86	1.0	0.9
0.802		
## 87	1.0	0.9
0.794		
## 88	1.0	0.9
0.792		
## 89	1.1	0.9
0.788		
## 90	1.1	0.9
0.782		
## 91	1.1	1.0
0.780		
## 92	1.1	1.0
0.775		
## 93	1.2	1.0
0.770		
## 94	1.2	1.0
0.776		
## 95	1.2	1.1
0.771		
## 96	1.2	1.1
0.764		
## 97	2.1	2.2
0.741		
## 98	2.1	2.1
0.739		
## 99	2.1	2.1
0.736		
## 100	2.0	2.1
0.732		
## 101	2.0	2.1
0.729		
## 102	2.0	2.1

0.720		
## 103	2.0	2.1
0.725		
## 104	2.0	2.1
0.721		
## 105	2.0	2.1
0.707		
## 106	2.0	2.1
0.692		
## 107	2.0	2.1
0.679		
## 108	2.0	2.1
0.668		
## 109	2.0	2.1
0.657		
## 110	2.1	2.1
0.645		
## 111	2.1	2.1
0.644		
## 112	2.1	2.2
0.639		
## 113	0.6	0.6
0.937		
## 114	0.6	0.6
0.936		
## 115	0.6	0.6
0.933		
## 116	0.6	0.6
0.930		
## 117	0.6	0.6
0.927		
## 118	0.7	0.6
0.927		
## 119	0.7	0.6
0.925		
## 120	0.7	0.6
0.921		
## 121	0.7	0.6
0.918		
## 122	0.7	0.6
0.915		
## 123	0.7	0.6
0.910		
## 124	0.7	0.6
0.908		
## 125	0.7	0.7
0.905		
## 126	0.7	0.7
0.902		
## 127	0.7	0.7

0.899		
## 128	0.7	0.7
0.897		
## 129	1.9	2.1
0.892		
## 130	1.8	2.0
0.892		
## 131	1.8	2.0
0.887		
## 132	1.8	2.0
0.884		
## 133	1.7	2.0
0.880		
## 134	1.7	1.9
0.872		
## 135	1.7	1.9
0.870		
## 136	1.7	1.9
0.864		
## 137	1.7	1.9
0.860		
## 138	1.7	1.9
0.854		
## 139	1.7	1.9
0.848		
## 140	1.7	1.9
0.841		
## 141	1.7	1.9
0.837		
## 142	1.7	1.9
0.847		
## 143	1.7	1.9
0.837		
## 144	1.7	1.9
0.833		
## 145	2.8	2.9
0.758		
## 146	2.8	2.9
0.752		
## 147	2.8	2.8
0.745		
## 148	2.8	2.8
0.742		
## 149	2.8	2.9
0.741		
## 150	2.8	2.9
0.737		
## 151	2.8	2.9
0.728		
## 152	2.8	2.9

0.719		
## 153	2.8	2.9
0.708		
## 154	2.9	2.9
0.682		
## 155	2.9	3.0
0.675		
## 156	3.0	3.0
0.668		
## 157	3.0	3.0
0.659		
## 158	3.1	3.1
0.651		
## 159	3.1	3.1
0.642		
## 160	3.2	3.1
0.636		
## 161	2.5	2.5
0.790		
## 162	2.5	2.5
0.789		
## 163	2.5	2.5
0.790		
## 164	2.5	2.5
0.789		
## 165	2.5	2.5
0.788		
## 166	2.5	2.5
0.788		
## 167	2.5	2.5
0.791		
## 168	2.5	2.5
0.791		
## 169	2.5	2.5
0.790		
## 170	2.5	2.5
0.788		
## 171	2.6	2.5
0.786		
## 172	2.6	2.5
0.784		
## 173	2.6	2.5
0.783		
## 174	2.6	2.6
0.781		
## 175	2.7	2.6
0.779		
## 176	2.7	2.6
0.000		
## 177	6.2	6.1

0.823		
## 178	6.1	6.0
0.820		
## 179	6.1	6.0
0.815		
## 180	6.1	6.0
0.812		
## 181	6.1	6.0
0.812		
## 182	6.0	5.9
0.810		
## 183	6.0	5.9
0.814		
## 184	6.0	5.9
0.815		
## 185	6.1	5.9
0.813		
## 186	6.1	5.9
0.810		
## 187	6.1	5.9
0.806		
## 188	6.1	5.9
0.803		
## 189	6.1	5.9
0.798		
## 190	6.2	5.9
0.796		
## 191	6.2	6.0
0.794		
## 192	6.2	6.0
0.786		
## 193	17.9	18.3
0.575		
## 194	18.1	18.6
0.570		
## 195	18.3	18.8
0.565		
## 196	18.5	19.0
0.557		
## 197	18.7	19.2
0.545		
## 198	18.9	19.4
0.535		
## 199	19.1	19.7
0.523		
## 200	19.3	19.9
0.520		
## 201	19.5	2.1
0.513		
## 202	19.7	2.3

0.506		
## 203	19.9	2.5
0.499		
## 204	2.1	2.7
0.491		
## 205	2.3	2.9
0.484		
## 206	2.5	21.1
0.476		
## 207	2.7	21.3
0.468		
## 208	2.9	21.5
0.459		
## 209	3.8	3.7
0.794		
## 210	3.8	3.7
0.793		
## 211	3.8	3.8
0.792		
## 212	3.8	3.8
0.785		
## 213	3.8	3.8
0.780		
## 214	3.8	3.8
0.781		
## 215	3.8	3.8
0.779		
## 216	3.9	3.9
0.775		
## 217	3.9	3.9
0.771		
## 218	4.0	3.9
0.766		
## 219	4.0	4.0
0.761		
## 220	4.1	4.0
0.757		
## 221	4.1	4.1
0.753		
## 222	4.2	4.1
0.749		
## 223	4.2	4.2
0.750		
## 224	4.3	4.2
0.741		
## 225	1.9	2.0
0.798		
## 226	1.9	2.0
0.796		
## 227	2.0	2.0

0.796		
## 228	2.0	2.1
0.793		
## 229	2.0	2.1
0.787		
## 230	2.0	2.2
0.780		
## 231	2.1	2.2
0.771		
## 232	2.1	2.3
0.755		
## 233	2.2	2.3
0.739		
## 234	2.2	2.4
0.723		
## 235	2.3	2.5
0.713		
## 236	2.4	2.5
0.703		
## 237	2.5	2.6
0.695		
## 238	2.5	2.7
0.687		
## 239	2.6	2.7
0.681		
## 240	2.7	2.8
0.675		
## 241	1.0	1.0
0.895		
## 242	1.0	1.0
0.890		
## 243	1.0	0.9
0.889		
## 244	0.9	0.9
0.886		
## 245	0.9	0.9
0.884		
## 246	0.9	0.9
0.878		
## 247	0.9	0.9
0.876		
## 248	0.8	0.8
0.874		
## 249	0.8	0.8
0.871		
## 250	0.8	0.8
0.865		
## 251	0.8	0.8
0.861		
## 252	0.8	0.8

0.880		
## 253	0.8	0.8
0.878		
## 254	0.8	0.8
0.875		
## 255	0.8	0.8
0.873		
## 256	0.8	0.8
0.869		
## 257	3.5	3.4
0.706		
## 258	3.4	3.4
0.705		
## 259	3.4	3.4
0.706		
## 260	3.5	3.4
0.702		
## 261	3.5	3.4
0.700		
## 262	3.5	3.4
0.700		
## 263	3.5	3.4
0.700		
## 264	3.5	3.4
0.699		
## 265	3.5	3.5
0.700		
## 266	3.6	3.5
0.692		
## 267	3.6	3.5
0.695		
## 268	3.6	3.5
0.691		
## 269	3.6	3.6
0.684		
## 270	3.7	3.6
0.678		
## 271	3.7	3.7
0.677		
## 272	3.8	3.7
0.668		
## 273	6.9	6.8
0.481		
## 274	7.1	6.9
0.475		
## 275	7.2	7.1
0.466		
## 276	7.4	7.3
0.458		
## 277	7.6	7.5

0.454		
## 278	7.8	7.6
0.451		
## 279	7.9	7.8
0.448		
## 280	8.1	8.0
0.444		
## 281	8.3	8.2
0.438		
## 282	8.5	8.4
0.434		
## 283	8.7	8.6
0.430		
## 284	8.9	8.8
0.423		
## 285	9.1	9.0
0.416		
## 286	9.3	9.2
0.407		
## 287	9.5	9.4
0.395		
## 288	9.7	9.6
0.389		
## 289	15.4	16.0
0.604		
## 290	15.7	16.2
0.596		
## 291	15.9	16.5
0.589		
## 292	16.1	16.7
0.581		
## 293	16.3	17.0
0.572		
## 294	16.6	17.3
0.000		
## 295	16.8	17.5
0.000		
## 296	17.1	17.8
0.000		
## 297	17.3	18.1
0.000		
## 298	17.5	18.3
0.000		
## 299	17.8	18.6
0.000		
## 300	18.0	18.8
0.000		
## 301	18.3	19.1
0.000		
## 302	18.6	19.4

0.000		
## 303	18.9	19.6
0.000		
## 304	19.2	19.9
0.000		
## 305	1.2	1.1
0.671		
## 306	1.2	1.1
0.666		
## 307	1.2	1.1
0.661		
## 308	1.2	1.1
0.655		
## 309	1.2	1.1
0.649		
## 310	1.2	1.1
0.643		
## 311	1.2	1.1
0.636		
## 312	1.3	1.1
0.632		
## 313	1.3	1.2
0.626		
## 314	1.3	1.2
0.625		
## 315	1.3	1.2
0.622		
## 316	1.4	1.2
0.620		
## 317	1.4	1.3
0.617		
## 318	1.4	1.3
0.610		
## 319	1.5	1.4
0.607		
## 320	1.5	1.4
0.600		
## 321	2.3	2.3
0.747		
## 322	2.4	2.4
0.742		
## 323	2.4	2.4
0.735		
## 324	2.5	2.5
0.728		
## 325	2.6	2.5
0.711		
## 326	2.6	2.6
0.717		
## 327	2.7	2.7

0.716		
## 328	2.8	2.7
0.710		
## 329	2.8	2.8
0.703		
## 330	2.9	2.8
0.697		
## 331	2.9	2.9
0.000		
## 332	3.0	3.0
0.000		
## 333	3.0	3.0
0.000		
## 334	3.1	3.1
0.000		
## 335	3.2	3.2
0.000		
## 336	3.3	3.2
0.000		
## 337	6.4	6.1
0.698		
## 338	6.7	6.4
0.697		
## 339	7.0	6.7
0.693		
## 340	7.3	7.0
0.687		
## 341	7.7	7.4
0.678		
## 342	8.0	7.8
0.669		
## 343	8.4	8.2
0.661		
## 344	8.8	8.6
0.646		
## 345	9.2	9.0
0.630		
## 346	9.6	9.4
0.610		
## 347	1.0	9.9
0.593		
## 348	1.5	1.4
0.580		
## 349	1.9	1.8
0.567		
## 350	11.4	11.3
0.558		
## 351	11.8	11.8
0.560		
## 352	12.3	12.2

0.559		
## 353	2.7	2.6
0.754		
## 354	2.7	2.7
0.747		
## 355	2.8	2.7
0.734		
## 356	2.8	2.8
0.730		
## 357	2.9	2.8
0.724		
## 358	2.9	2.9
0.716		
## 359	3.0	2.9
0.714		
## 360	3.0	3.0
0.704		
## 361	3.1	3.0
0.700		
## 362	3.1	3.1
0.698		
## 363	3.2	3.1
0.694		
## 364	3.2	3.2
0.695		
## 365	3.3	3.3
0.699		
## 366	3.3	3.3
0.692		
## 367	3.4	3.4
0.685		
## 368	3.4	3.4
0.677		
## 369	5.7	5.1
0.864		
## 370	5.7	5.2
0.863		
## 371	5.8	5.2
0.860		
## 372	5.8	5.3
0.852		
## 373	5.9	5.4
0.846		
## 374	5.9	5.4
0.845		
## 375	6.0	5.5
0.841		
## 376	6.1	5.6
0.840		
## 377	6.2	5.7

0.840		
## 378	6.3	5.8
0.837		
## 379	6.4	5.9
0.834		
## 380	6.5	6.0
0.828		
## 381	6.6	6.1
0.823		
## 382	6.7	6.1
0.820		
## 383	6.8	6.2
0.819		
## 384	6.8	6.3
0.818		
## 385	1.9	1.8
0.792		
## 386	1.9	1.9
0.787		
## 387	1.9	1.9
0.781		
## 388	1.9	1.9
0.778		
## 389	2.0	2.0
0.775		
## 390	2.0	2.0
0.770		
## 391	2.0	2.1
0.768		
## 392	2.1	2.1
0.761		
## 393	2.1	2.2
0.755		
## 394	2.2	2.2
0.750		
## 395	2.2	2.3
0.745		
## 396	2.3	2.3
0.738		
## 397	2.3	2.4
0.729		
## 398	2.4	2.4
0.723		
## 399	2.4	2.5
0.713		
## 400	2.5	2.5
0.709		
## 401	8.0	7.5
0.399		
## 402	8.2	7.7

0.398		
## 403	8.4	7.9
0.392		
## 404	8.6	8.1
0.384		
## 405	8.8	8.4
0.377		
## 406	9.0	8.6
0.365		
## 407	9.3	8.8
0.356		
## 408	9.5	9.1
0.345		
## 409	9.8	9.3
0.334		
## 410	1.0	9.6
0.325		
## 411	1.3	9.8
0.000		
## 412	1.5	1.1
0.000		
## 413	1.7	1.3
0.000		
## 414	11.0	1.6
0.000		
## 415	11.2	1.8
0.000		
## 416	11.4	11.1
0.000		
## 417	7.3	7.2
0.406		
## 418	7.4	7.3
0.404		
## 419	7.4	7.4
0.398		
## 420	7.5	7.5
0.393		
## 421	7.6	7.6
0.385		
## 422	7.7	7.7
0.361		
## 423	7.8	7.8
0.336		
## 424	7.9	7.9
0.319		
## 425	8.0	8.0
0.309		
## 426	8.1	8.2
0.290		
## 427	8.2	8.3

0.286		
## 428	8.4	8.4
0.279		
## 429	8.5	8.5
0.276		
## 430	8.7	8.7
0.268		
## 431	8.8	8.8
0.268		
## 432	9.0	8.9
0.268		
## 433	5.5	5.5
NA		
## 434	5.6	5.6
NA		
## 435	5.8	5.7
NA		
## 436	5.9	5.9
NA		
## 437	6.1	6.0
NA		
## 438	6.3	6.2
NA		
## 439	6.5	6.4
NA		
## 440	6.6	6.6
NA		
## 441	6.8	6.7
NA		
## 442	7.0	6.9
NA		
## 443	7.2	7.1
NA		
## 444	7.3	7.3
NA		
## 445	7.5	7.5
NA		
## 446	7.7	7.7
NA		
## 447	7.9	7.9
NA		
## 448	8.1	8.1
NA		
## 449	6.6	6.6
0.646		
## 450	6.8	6.7
0.643		
## 451	6.9	6.9
0.643		
## 452	7.1	7.1

0.636		
## 453	7.3	7.2
0.632		
## 454	7.4	7.4
0.627		
## 455	7.6	7.6
0.621		
## 456	7.8	7.8
0.615		
## 457	8.1	8.0
0.602		
## 458	8.3	8.3
0.596		
## 459	8.5	8.5
0.582		
## 460	8.7	8.7
0.574		
## 461	8.9	8.9
0.572		
## 462	9.2	9.1
0.569		
## 463	9.4	9.3
0.562		
## 464	9.6	9.5
0.000		
## 465	1.9	1.9
0.558		
## 466	1.9	11.0
0.553		
## 467	11.0	11.1
0.546		
## 468	11.0	11.2
0.540		
## 469	11.0	11.2
0.533		
## 470	11.0	11.3
0.519		
## 471	11.1	11.4
0.520		
## 472	11.2	11.4
0.511		
## 473	11.3	11.5
0.495		
## 474	11.4	11.6
0.483		
## 475	11.5	11.6
0.470		
## 476	11.6	11.7
0.458		
## 477	11.6	11.7

0.445		
## 478	11.6	11.8
0.427		
## 479	11.6	11.8
0.412		
## 480	11.6	11.9
0.401		
## 481	5.6	5.5
0.514		
## 482	5.7	5.7
0.507		
## 483	5.8	5.8
0.501		
## 484	5.9	5.9
0.496		
## 485	6.0	6.0
0.486		
## 486	6.1	6.2
0.480		
## 487	6.3	6.3
0.473		
## 488	6.4	6.5
0.466		
## 489	6.6	6.6
0.456		
## 490	6.7	6.8
0.456		
## 491	6.9	7.0
0.456		
## 492	7.0	7.1
0.455		
## 493	7.2	7.3
0.452		
## 494	7.4	7.5
0.452		
## 495	7.5	7.7
0.437		
## 496	7.7	7.8
0.433		
## 497	0.6	0.5
0.919		
## 498	0.5	0.5
0.912		
## 499	0.5	0.5
0.909		
## 500	0.5	0.5
0.907		
## 501	0.5	0.5
0.903		
## 502	0.5	0.4

0.898		
## 503	0.5	0.4
0.898		
## 504	0.5	0.4
0.897		
## 505	0.5	0.4
0.894		
## 506	0.5	0.4
0.891		
## 507	0.5	0.4
0.886		
## 508	0.5	0.4
0.881		
## 509	0.5	0.4
0.877		
## 510	0.5	0.4
0.872		
## 511	0.5	0.4
0.867		
## 512	0.5	0.5
0.864		
## 513	8.2	8.2
0.347		
## 514	8.4	8.3
0.345		
## 515	8.5	8.5
0.370		
## 516	8.7	8.6
0.366		
## 517	8.8	8.8
0.361		
## 518	9.0	8.9
0.352		
## 519	9.1	9.1
0.345		
## 520	9.3	9.2
0.338		
## 521	9.4	9.4
0.330		
## 522	9.6	9.6
0.323		
## 523	9.7	9.7
0.319		
## 524	9.9	9.9
0.315		
## 525	1.0	1.1
0.316		
## 526	1.2	1.2
0.315		
## 527	1.4	1.4

0.314		
## 528	1.5	1.5
0.312		
## 529	8.5	8.4
0.394		
## 530	8.7	8.5
0.390		
## 531	8.8	8.7
0.387		
## 532	9.0	8.9
0.381		
## 533	9.2	9.1
0.370		
## 534	9.4	9.3
0.360		
## 535	9.6	9.5
0.343		
## 536	9.8	9.7
0.338		
## 537	1.0	1.0
0.306		
## 538	1.3	1.2
0.303		
## 539	1.5	1.4
0.306		
## 540	1.7	1.6
0.301		
## 541	1.9	1.8
0.284		
## 542	11.1	11.0
0.303		
## 543	11.3	11.2
0.300		
## 544	11.5	11.4
0.000		
## 545	0.8	0.8
0.845		
## 546	0.8	0.8
0.841		
## 547	0.8	0.8
0.831		
## 548	0.8	0.8
0.826		
## 549	0.8	0.8
0.820		
## 550	0.8	0.9
0.815		
## 551	0.8	0.9
0.816		
## 552	0.9	0.9

0.804		
## 553	0.9	0.9
0.797		
## 554	0.9	0.9
0.796		
## 555	0.9	1.0
0.790		
## 556	0.9	1.0
0.781		
## 557	1.0	1.0
0.775		
## 558	1.0	1.0
0.768		
## 559	1.0	1.0
0.761		
## 560	1.1	1.1
0.755		
## 561	3.6	2.9
0.734		
## 562	3.7	3.0
0.723		
## 563	3.8	3.2
0.713		
## 564	3.9	3.3
0.703		
## 565	4.1	3.5
0.700		
## 566	4.2	3.6
0.691		
## 567	4.4	3.8
0.682		
## 568	4.5	4.0
0.672		
## 569	4.7	4.1
0.659		
## 570	4.8	4.3
0.646		
## 571	5.0	4.4
0.634		
## 572	5.1	4.6
0.622		
## 573	5.3	4.7
0.610		
## 574	5.5	4.9
0.600		
## 575	5.7	5.0
0.592		
## 576	5.9	5.1
0.583		
## 577	2.1	1.9

0.724		
## 578	2.1	1.9
0.720		
## 579	2.1	1.9
0.712		
## 580	2.1	1.9
0.707		
## 581	2.2	2.0
0.700		
## 582	2.2	2.0
0.695		
## 583	2.2	2.0
0.691		
## 584	2.3	2.0
0.683		
## 585	2.3	2.1
0.675		
## 586	2.3	2.1
0.669		
## 587	2.4	2.1
0.658		
## 588	2.4	2.2
0.658		
## 589	2.5	2.2
0.659		
## 590	2.5	2.3
0.656		
## 591	2.5	2.3
0.653		
## 592	2.6	2.3
0.650		
## 593	6.7	6.5
0.498		
## 594	6.8	6.6
0.497		
## 595	6.8	6.6
0.490		
## 596	6.9	6.7
0.484		
## 597	7.0	6.8
0.479		
## 598	7.1	6.9
0.476		
## 599	7.2	7.0
0.465		
## 600	7.2	7.1
0.461		
## 601	7.3	7.2
0.459		
## 602	7.4	7.3

0.451		
## 603	7.5	7.4
0.434		
## 604	7.5	7.5
0.000		
## 605	7.6	7.6
0.000		
## 606	7.7	7.7
0.000		
## 607	7.8	7.8
0.000		
## 608	7.9	7.9
0.000		
## 609	7.5	7.1
0.590		
## 610	7.6	7.3
0.581		
## 611	7.7	7.4
0.576		
## 612	7.9	7.5
0.557		
## 613	8.0	7.6
0.558		
## 614	8.1	7.7
0.548		
## 615	8.3	7.9
0.545		
## 616	8.4	8.0
0.527		
## 617	8.5	8.2
0.517		
## 618	8.7	8.3
0.507		
## 619	8.8	8.5
0.496		
## 620	9.0	8.6
0.497		
## 621	9.1	8.8
0.492		
## 622	9.3	8.9
0.488		
## 623	9.4	9.0
0.487		
## 624	9.5	9.2
0.487		
## 625	0.1	0.1
NA		
## 626	1.7	1.7
0.775		
## 627	1.7	1.7

0.768		
## 628	1.7	1.7
0.762		
## 629	1.8	1.7
0.758		
## 630	1.8	1.7
0.752		
## 631	1.8	1.8
0.749		
## 632	1.9	1.8
0.747		
## 633	1.9	1.8
0.740		
## 634	1.9	1.9
0.734		
## 635	2.0	1.9
0.727		
## 636	2.0	2.0
0.723		
## 637	2.1	2.0
0.719		
## 638	2.2	2.1
0.715		
## 639	2.2	2.2
0.712		
## 640	2.3	2.2
0.708		
## 641	2.4	2.3
0.702		
## 642	1.5	1.4
0.823		
## 643	1.5	1.5
0.820		
## 644	1.5	1.5
0.817		
## 645	1.5	1.5
0.815		
## 646	1.6	1.5
0.808		
## 647	1.6	1.6
0.803		
## 648	1.7	1.6
0.803		
## 649	1.7	1.7
0.800		
## 650	1.8	1.7
0.793		
## 651	1.8	1.8
0.783		
## 652	1.8	1.8

0.777		
## 653	1.9	1.9
0.771		
## 654	1.9	1.9
0.765		
## 655	2.0	2.0
0.759		
## 656	2.0	2.0
0.749		
## 657	2.1	2.1
0.739		
## 658	3.5	3.3
0.773		
## 659	3.4	3.3
0.772		
## 660	3.4	3.3
0.773		
## 661	3.4	3.2
0.778		
## 662	3.4	3.2
0.780		
## 663	3.4	3.2
0.784		
## 664	3.4	3.2
0.782		
## 665	3.4	3.2
0.771		
## 666	3.4	3.2
0.754		
## 667	3.4	3.2
0.732		
## 668	3.4	3.3
0.719		
## 669	3.4	3.3
0.705		
## 670	3.5	3.3
0.694		
## 671	3.5	3.3
0.692		
## 672	3.6	3.4
0.686		
## 673	3.6	3.4
0.679		
## 674	1.0	1.0
0.854		
## 675	0.9	1.0
0.850		
## 676	0.9	1.0
0.850		
## 677	0.9	1.0

0.850		
## 678	0.9	1.0
0.847		
## 679	0.9	1.0
0.853		
## 680	0.9	1.0
0.849		
## 681	0.9	1.0
0.844		
## 682	0.9	1.0
0.836		
## 683	0.9	1.0
0.829		
## 684	0.9	1.0
0.826		
## 685	0.9	1.0
0.823		
## 686	0.9	1.0
0.815		
## 687	0.9	1.0
0.805		
## 688	0.9	1.0
0.800		
## 689	0.9	1.0
0.798		
## 690	1.8	1.8
NA		
## 691	1.8	1.9
NA		
## 692	1.8	1.9
NA		
## 693	1.8	1.9
NA		
## 694	1.9	1.9
NA		
## 695	1.9	2.0
NA		
## 696	1.9	2.0
NA		
## 697	1.9	2.0
NA		
## 698	2.0	2.1
NA		
## 699	2.0	2.1
NA		
## 700	2.1	2.1
NA		
## 701	2.1	2.2
NA		
## 702	2.2	2.2

NA		
## 703	2.2	2.3
NA		
## 704	2.2	2.3
NA		
## 705	2.3	2.3
NA		
## 706	4.9	4.9
NA		
## 707	4.9	4.9
NA		
## 708	5.0	5.0
NA		
## 709	5.1	5.1
NA		
## 710	5.1	5.2
NA		
## 711	5.2	5.2
NA		
## 712	5.3	5.3
NA		
## 713	5.4	5.4
NA		
## 714	5.5	5.5
NA		
## 715	5.6	5.6
NA		
## 716	5.7	5.7
NA		
## 717	5.7	5.7
NA		
## 718	5.8	5.8
NA		
## 719	5.9	5.9
NA		
## 720	5.9	6.0
NA		
## 721	6.0	6.0
NA		
## 722	9.5	9.3
NA		
## 723	9.7	9.5
NA		
## 724	9.9	9.6
NA		
## 725	1.0	9.8
NA		
## 726	1.2	1.0
NA		
## 727	1.4	1.2

NA		
## 728	1.6	1.4
NA		
## 729	1.8	1.7
NA		
## 730	11.1	1.9
NA		
## 731	11.3	11.1
NA		
## 732	11.5	11.3
NA		
## 733	11.7	11.5
NA		
## 734	11.9	11.7
NA		
## 735	12.1	11.9
NA		
## 736	12.2	12.1
NA		
## 737	12.4	12.3
NA		
## 738	1.1	0.9
0.923		
## 739	1.1	0.9
0.926		
## 740	1.1	0.9
0.924		
## 741	1.1	0.9
0.922		
## 742	1.1	0.9
0.910		
## 743	1.1	0.9
0.906		
## 744	1.1	0.9
0.906		
## 745	1.1	0.9
0.906		
## 746	1.2	0.9
0.904		
## 747	1.2	0.9
0.902		
## 748	1.2	1.0
0.897		
## 749	1.2	1.0
0.893		
## 750	1.2	1.0
0.882		
## 751	1.2	1.0
0.875		
## 752	1.3	1.0

0.862		
## 753	1.3	1.0
0.860		
## 754	5.6	5.4
0.470		
## 755	5.6	5.4
0.467		
## 756	5.6	5.4
0.464		
## 757	5.6	5.5
0.460		
## 758	5.6	5.5
0.451		
## 759	5.6	5.6
0.441		
## 760	5.7	5.6
0.436		
## 761	5.7	5.6
0.427		
## 762	5.8	5.7
0.416		
## 763	5.8	5.7
0.405		
## 764	5.9	5.8
0.396		
## 765	6.0	5.9
0.388		
## 766	6.1	5.9
0.378		
## 767	6.2	6.0
0.372		
## 768	6.3	6.1
0.363		
## 769	6.4	6.1
0.361		
## 770	2.7	2.6
0.721		
## 771	3.3	3.2
0.718		
## 772	3.3	3.2
0.712		
## 773	3.3	3.2
0.709		
## 774	3.3	3.2
0.706		
## 775	3.3	3.2
0.703		
## 776	3.3	3.3
0.697		
## 777	3.4	3.3

0.695		
## 778	3.4	3.3
0.692		
## 779	3.4	3.4
0.685		
## 780	3.5	3.4
0.677		
## 781	3.5	3.4
0.668		
## 782	3.6	3.5
0.666		
## 783	3.6	3.5
0.665		
## 784	3.7	3.6
0.660		
## 785	3.8	3.6
0.656		
## 786	3.8	3.7
0.651		
## 787	1.2	1.1
0.739		
## 788	1.2	1.1
0.737		
## 789	1.3	1.1
0.725		
## 790	1.3	1.2
0.717		
## 791	1.3	1.2
0.710		
## 792	1.3	1.2
0.703		
## 793	1.3	1.2
0.702		
## 794	1.3	1.2
0.698		
## 795	1.4	1.3
0.696		
## 796	1.4	1.3
0.693		
## 797	1.4	1.3
0.688		
## 798	1.5	1.3
0.682		
## 799	1.5	1.4
0.679		
## 800	1.5	1.4
0.675		
## 801	1.6	1.5
0.670		
## 802	1.6	1.5

0.668		
## 803	2.8	2.8
0.688		
## 804	2.8	2.8
0.686		
## 805	2.9	2.8
0.681		
## 806	2.9	2.8
0.673		
## 807	2.9	2.9
0.671		
## 808	3.0	2.9
0.665		
## 809	3.0	3.0
0.659		
## 810	3.1	3.0
0.651		
## 811	3.1	3.1
0.644		
## 812	3.2	3.1
0.636		
## 813	3.2	3.2
0.629		
## 814	3.3	3.2
0.623		
## 815	3.3	3.3
0.621		
## 816	3.4	3.4
0.617		
## 817	3.5	3.4
0.612		
## 818	3.6	3.5
0.606		
## 819	1.6	1.5
0.678		
## 820	1.6	1.6
0.676		
## 821	1.6	1.6
0.675		
## 822	1.6	1.6
0.670		
## 823	1.7	1.6
0.666		
## 824	1.7	1.6
0.662		
## 825	1.7	1.6
0.662		
## 826	1.8	1.7
0.659		
## 827	1.8	1.7

0.657		
## 828	1.8	1.7
0.651		
## 829	1.9	1.8
0.644		
## 830	1.9	1.8
0.636		
## 831	2.0	1.9
0.628		
## 832	2.0	1.9
0.621		
## 833	2.1	2.0
0.615		
## 834	2.1	2.0
0.607		
## 835	8.4	8.3
0.582		
## 836	8.5	8.4
0.582		
## 837	8.6	8.6
0.586		
## 838	8.7	8.7
0.583		
## 839	8.9	8.8
0.580		
## 840	9.0	9.0
0.589		
## 841	9.2	9.2
0.590		
## 842	9.3	9.3
0.592		
## 843	9.5	9.5
0.587		
## 844	9.7	9.6
0.569		
## 845	9.8	9.8
0.563		
## 846	1.0	1.0
0.553		
## 847	1.2	1.1
0.554		
## 848	1.4	1.3
0.542		
## 849	1.6	1.4
0.527		
## 850	1.7	1.6
0.000		
## 851	8.4	8.2
0.418		
## 852	8.5	8.3

0.416		
## 853	8.6	8.4
0.414		
## 854	8.7	8.6
0.410		
## 855	8.8	8.7
0.405		
## 856	8.9	8.8
0.404		
## 857	9.0	8.9
0.402		
## 858	9.1	9.1
0.406		
## 859	9.2	9.2
0.405		
## 860	9.3	9.3
0.405		
## 861	9.4	9.5
0.000		
## 862	9.6	9.6
0.000		
## 863	9.7	9.7
0.000		
## 864	9.9	9.9
0.000		
## 865	1.0	1.0
0.000		
## 866	1.2	1.1
0.000		
## 867	1.9	1.9
0.863		
## 868	1.9	1.9
0.860		
## 869	1.9	1.9
0.856		
## 870	1.9	1.9
0.850		
## 871	1.9	2.0
0.838		
## 872	1.9	2.0
0.833		
## 873	2.0	2.0
0.836		
## 874	2.0	2.1
0.835		
## 875	2.0	2.1
0.829		
## 876	2.1	2.2
0.822		
## 877	2.1	2.2

0.812		
## 878	2.2	2.3
0.805		
## 879	2.2	2.3
0.798		
## 880	2.3	2.4
0.791		
## 881	2.4	2.5
0.781		
## 882	2.5	2.5
0.764		
## 883	1.4	1.2
0.441		
## 884	1.5	1.3
0.435		
## 885	1.6	1.4
0.427		
## 886	1.7	1.5
0.422		
## 887	1.9	1.6
0.411		
## 888	11.0	1.7
0.401		
## 889	11.1	1.8
0.393		
## 890	11.2	1.9
0.378		
## 891	11.3	11.0
0.362		
## 892	11.4	11.1
0.346		
## 893	11.5	11.2
0.325		
## 894	11.5	11.3
0.310		
## 895	11.6	11.5
0.306		
## 896	11.7	11.6
0.298		
## 897	11.8	11.7
0.283		
## 898	11.9	11.8
0.000		
## 899	4.0	3.7
0.734		
## 900	4.0	3.7
0.727		
## 901	4.0	3.7
0.719		
## 902	4.0	3.7

0.714		
## 903	4.0	3.7
0.709		
## 904	4.0	3.7
0.706		
## 905	4.0	3.7
0.704		
## 906	4.0	3.7
0.700		
## 907	4.1	3.8
0.698		
## 908	4.1	3.8
0.695		
## 909	4.1	3.8
0.699		
## 910	4.2	3.9
0.691		
## 911	4.2	3.9
0.689		
## 912	4.2	3.9
0.687		
## 913	4.3	4.0
0.683		
## 914	4.3	4.0
0.681		
## 915	0.9	0.8
0.893		
## 916	0.9	0.8
0.890		
## 917	0.9	0.8
0.887		
## 918	0.9	0.8
0.884		
## 919	0.9	0.8
0.878		
## 920	0.9	0.8
0.874		
## 921	0.9	0.8
0.878		
## 922	0.9	0.8
0.876		
## 923	0.9	0.8
0.873		
## 924	0.9	0.8
0.869		
## 925	0.9	0.8
0.864		
## 926	0.9	0.8
0.869		
## 927	0.9	0.8

0.866		
## 928	0.9	0.8
0.863		
## 929	0.9	0.8
0.856		
## 930	0.9	0.9
0.847		
## 931	0.7	0.6
0.894		
## 932	0.6	0.6
0.890		
## 933	0.6	0.6
0.887		
## 934	0.6	0.6
0.885		
## 935	0.6	0.6
0.882		
## 936	0.6	0.6
0.879		
## 937	0.6	0.6
0.879		
## 938	0.6	0.6
0.877		
## 939	0.6	0.6
0.873		
## 940	0.6	0.6
0.870		
## 941	0.6	0.6
0.860		
## 942	0.6	0.6
0.857		
## 943	0.6	0.6
0.852		
## 944	0.7	0.6
0.851		
## 945	0.7	0.6
0.849		
## 946	0.7	0.6
0.844		
## 947	6.1	5.9
0.694		
## 948	6.1	6.0
0.687		
## 949	6.2	6.1
0.678		
## 950	6.3	6.2
0.669		
## 951	6.4	6.3
0.664		
## 952	6.5	6.4

0.660		
## 953	6.7	6.5
0.652		
## 954	6.8	6.6
0.651		
## 955	6.9	6.8
0.645		
## 956	7.1	6.9
0.646		
## 957	7.2	7.1
0.640		
## 958	7.4	7.2
0.640		
## 959	7.5	7.4
0.638		
## 960	7.7	7.5
0.636		
## 961	7.8	7.7
0.633		
## 962	8.0	7.8
0.637		
## 963	7.3	7.2
0.450		
## 964	7.5	7.3
0.449		
## 965	7.6	7.5
0.445		
## 966	7.8	7.7
0.440		
## 967	8.0	7.9
0.441		
## 968	8.2	8.1
0.439		
## 969	8.4	8.3
0.434		
## 970	8.6	8.5
0.426		
## 971	8.8	8.7
0.420		
## 972	9.0	8.9
0.415		
## 973	9.2	9.1
0.412		
## 974	9.4	9.3
0.404		
## 975	9.6	9.6
0.395		
## 976	9.8	9.8
0.392		
## 977	1.0	1.0

0.384		
## 978	1.2	1.2
0.377		
## 979	2.7	2.8
0.768		
## 980	2.7	2.8
0.759		
## 981	2.7	2.8
0.755		
## 982	2.6	2.8
0.749		
## 983	2.6	2.8
0.742		
## 984	2.6	2.8
0.738		
## 985	2.6	2.8
0.734		
## 986	2.6	2.8
0.735		
## 987	2.7	2.9
0.722		
## 988	2.7	2.9
0.714		
## 989	2.8	2.9
0.703		
## 990	2.8	3.0
0.694		
## 991	2.9	3.0
0.684		
## 992	2.9	3.0
0.677		
## 993	3.0	3.1
0.673		
## 994	3.1	3.1
0.000		
## 995	1.1	1.1
0.924		
## 996	1.1	1.1
0.920		
## 997	1.1	1.1
0.919		
## 998	1.1	1.1
0.916		
## 999	1.1	1.1
0.912		
## 1000	1.1	1.1
0.907		
## 1001	1.1	1.1
0.906		
## 1002	1.1	1.1

0.903		
## 1003	1.1	1.1
0.898		
## 1004	1.1	1.1
0.892		
## 1005	1.1	1.1
0.884		
## 1006	1.1	1.1
0.877		
## 1007	1.1	1.1
0.872		
## 1008	1.2	1.1
0.867		
## 1009	1.2	1.1
0.860		
## 1010	1.2	1.2
0.855		
## 1011	6.2	6.1
0.575		
## 1012	6.4	6.3
0.576		
## 1013	6.6	6.4
0.570		
## 1014	6.7	6.6
0.563		
## 1015	6.9	6.8
0.554		
## 1016	7.1	7.0
0.547		
## 1017	7.3	7.2
0.542		
## 1018	7.5	7.4
0.530		
## 1019	7.7	7.6
0.519		
## 1020	7.9	7.9
0.510		
## 1021	8.1	8.1
0.499		
## 1022	8.4	8.3
0.491		
## 1023	8.6	8.5
0.489		
## 1024	8.8	8.8
0.484		
## 1025	9.0	9.0
0.485		
## 1026	9.2	9.2
0.480		
## 1027	0.8	0.7

0.865		
## 1028	0.8	0.7
0.862		
## 1029	0.8	0.7
0.860		
## 1030	0.8	0.7
0.858		
## 1031	0.8	0.7
0.860		
## 1032	0.8	0.7
0.859		
## 1033	0.8	0.7
0.857		
## 1034	0.8	0.7
0.853		
## 1035	0.8	0.7
0.855		
## 1036	0.8	0.7
0.850		
## 1037	0.8	0.7
0.839		
## 1038	0.8	0.8
0.830		
## 1039	0.8	0.8
0.823		
## 1040	0.8	0.8
0.811		
## 1041	0.9	0.8
0.801		
## 1042	0.9	0.8
0.794		
## 1043	3.8	3.8
0.751		
## 1044	3.8	3.8
0.749		
## 1045	3.8	3.8
0.746		
## 1046	3.8	3.8
0.744		
## 1047	3.8	3.8
0.741		
## 1048	3.8	3.8
0.000		
## 1049	3.8	3.8
0.000		
## 1050	3.8	3.9
0.000		
## 1051	3.9	3.9
0.000		
## 1052	3.9	3.9

0.000		
## 1053	3.9	4.0
0.000		
## 1054	4.0	4.0
0.000		
## 1055	4.0	4.1
0.000		
## 1056	4.1	4.1
0.000		
## 1057	4.2	4.2
0.000		
## 1058	4.3	4.2
0.000		
## 1059	1.2	1.2
0.637		
## 1060	1.2	1.2
0.614		
## 1061	1.2	1.2
0.611		
## 1062	1.2	1.2
0.616		
## 1063	1.2	1.2
0.609		
## 1064	1.3	1.3
0.602		
## 1065	1.3	1.3
0.596		
## 1066	1.3	1.3
0.589		
## 1067	1.3	1.3
0.578		
## 1068	1.4	1.4
0.570		
## 1069	1.4	1.4
0.567		
## 1070	1.4	1.4
0.564		
## 1071	1.4	1.4
0.560		
## 1072	1.5	1.5
0.553		
## 1073	1.5	1.5
0.546		
## 1074	1.6	1.6
0.539		
## 1075	7.3	7.3
0.414		
## 1076	7.5	7.4
0.412		
## 1077	7.7	7.6

0.406		
## 1078	7.8	7.8
0.396		
## 1079	8.0	8.0
0.385		
## 1080	8.2	8.2
0.380		
## 1081	8.4	8.4
0.376		
## 1082	8.6	8.6
0.371		
## 1083	8.9	8.8
0.364		
## 1084	9.1	9.1
0.356		
## 1085	9.3	9.3
0.346		
## 1086	9.5	9.5
0.325		
## 1087	9.7	9.7
0.338		
## 1088	9.9	9.9
0.329		
## 1089	1.1	1.1
0.322		
## 1090	1.3	1.3
0.316		
## 1091	7.1	7.0
0.421		
## 1092	7.3	7.1
0.419		
## 1093	7.5	7.3
0.415		
## 1094	7.7	7.5
0.416		
## 1095	7.8	7.7
0.410		
## 1096	8.0	7.9
0.405		
## 1097	8.3	8.1
0.401		
## 1098	8.5	8.4
0.398		
## 1099	8.7	8.6
0.394		
## 1100	8.9	8.8
0.388		
## 1101	9.2	9.0
0.000		
## 1102	9.4	9.3

0.000		
## 1103	9.6	9.5
0.000		
## 1104	9.8	9.7
0.000		
## 1105	1.0	1.0
0.000		
## 1106	1.2	1.2
0.000		
## 1107	5.5	5.3
0.638		
## 1108	5.5	5.3
0.636		
## 1109	5.5	5.3
0.633		
## 1110	5.6	5.3
0.630		
## 1111	5.6	5.3
0.624		
## 1112	5.6	5.3
0.618		
## 1113	5.6	5.4
0.618		
## 1114	5.6	5.4
0.618		
## 1115	5.7	5.5
0.620		
## 1116	5.7	5.5
0.622		
## 1117	5.7	5.5
0.619		
## 1118	5.8	5.6
0.613		
## 1119	5.8	5.6
0.611		
## 1120	5.9	5.7
0.609		
## 1121	5.9	5.7
0.606		
## 1122	5.9	5.8
0.602		
## 1123	3.9	3.9
0.490		
## 1124	3.9	3.9
0.487		
## 1125	3.9	3.9
0.483		
## 1126	3.9	3.9
0.477		
## 1127	4.0	4.0

0.470		
## 1128	4.0	4.0
0.470		
## 1129	4.1	4.1
0.466		
## 1130	4.2	4.2
0.462		
## 1131	4.2	4.2
0.458		
## 1132	4.3	4.3
0.455		
## 1133	4.4	4.4
0.452		
## 1134	4.5	4.5
0.450		
## 1135	4.5	4.6
0.447		
## 1136	4.6	4.7
0.444		
## 1137	4.7	4.7
0.443		
## 1138	4.8	4.8
0.439		
## 1139	2.1	2.1
0.623		
## 1140	2.1	2.1
0.618		
## 1141	2.2	2.1
0.614		
## 1142	2.2	2.1
0.614		
## 1143	2.2	2.2
0.611		
## 1144	2.3	2.2
0.606		
## 1145	2.3	2.2
0.603		
## 1146	2.3	2.3
0.597		
## 1147	2.4	2.3
0.590		
## 1148	2.4	2.4
0.583		
## 1149	2.5	2.4
0.577		
## 1150	2.6	2.5
0.571		
## 1151	2.6	2.5
0.566		
## 1152	2.7	2.6

0.561		
## 1153	2.7	2.7
0.557		
## 1154	2.8	2.7
0.551		
## 1155	1.6	1.6
0.834		
## 1156	1.7	1.6
0.834		
## 1157	1.7	1.7
0.824		
## 1158	1.7	1.7
0.823		
## 1159	1.7	1.7
0.821		
## 1160	1.8	1.8
0.817		
## 1161	1.8	1.8
0.816		
## 1162	1.9	1.9
0.812		
## 1163	1.9	1.9
0.809		
## 1164	2.0	2.0
0.802		
## 1165	2.0	2.0
0.795		
## 1166	2.1	2.1
0.793		
## 1167	2.1	2.1
0.784		
## 1168	2.2	2.2
0.775		
## 1169	2.2	2.2
0.769		
## 1170	2.3	2.3
0.761		
## 1171	1.0	0.9
0.919		
## 1172	1.0	0.9
0.915		
## 1173	1.0	0.9
0.907		
## 1174	1.0	0.9
0.901		
## 1175	0.9	0.9
0.894		
## 1176	0.9	0.9
0.894		
## 1177	0.9	0.9

0.894		
## 1178	0.9	0.9
0.892		
## 1179	0.9	0.9
0.887		
## 1180	0.9	0.9
0.884		
## 1181	0.9	0.9
0.879		
## 1182	1.0	0.9
0.873		
## 1183	1.0	0.9
0.866		
## 1184	1.0	0.9
0.859		
## 1185	1.0	0.9
0.854		
## 1186	1.0	0.9
0.847		
## 1187	26.7	27.3
0.615		
## 1188	26.8	27.4
0.607		
## 1189	26.8	27.5
0.599		
## 1190	26.9	27.6
0.590		
## 1191	26.9	27.7
0.580		
## 1192	27.0	27.8
0.569		
## 1193	27.0	27.8
0.563		
## 1194	27.0	27.9
0.556		
## 1195	27.1	28.0
0.546		
## 1196	27.1	28.0
0.536		
## 1197	27.2	28.1
0.526		
## 1198	27.2	28.2
0.518		
## 1199	27.3	28.3
0.505		
## 1200	27.4	28.4
0.499		
## 1201	27.5	28.5
0.494		
## 1202	27.7	28.6

0.489		
## 1203	1.4	1.2
0.686		
## 1204	1.4	1.2
0.682		
## 1205	1.5	1.3
0.677		
## 1206	1.5	1.4
0.669		
## 1207	1.6	1.5
0.662		
## 1208	1.6	1.5
0.656		
## 1209	1.7	1.6
0.645		
## 1210	1.7	1.7
0.641		
## 1211	1.8	1.7
0.638		
## 1212	1.8	1.8
0.632		
## 1213	1.9	1.9
0.629		
## 1214	1.9	1.9
0.624		
## 1215	1.9	11.0
0.613		
## 1216	11.0	11.1
0.608		
## 1217	11.0	11.1
0.604		
## 1218	11.0	11.2
0.597		
## 1219	8.5	8.6
0.774		
## 1220	8.3	8.4
0.770		
## 1221	8.2	8.3
0.769		
## 1222	8.0	8.2
0.755		
## 1223	7.9	8.1
0.745		
## 1224	7.8	8.0
0.735		
## 1225	7.7	7.9
0.728		
## 1226	7.6	7.8
0.716		
## 1227	7.5	7.8

0.704		
## 1228	7.4	7.7
0.692		
## 1229	7.4	7.7
0.687		
## 1230	7.4	7.7
0.686		
## 1231	7.5	7.7
0.679		
## 1232	7.6	7.7
0.674		
## 1233	7.7	7.8
0.666		
## 1234	7.8	7.9
0.660		
## 1235	5.3	5.1
0.649		
## 1236	5.3	5.1
0.658		
## 1237	5.3	5.1
0.659		
## 1238	5.3	5.1
0.656		
## 1239	5.3	5.1
0.649		
## 1240	5.3	5.1
0.646		
## 1241	5.4	5.1
0.643		
## 1242	5.4	5.1
0.638		
## 1243	5.4	5.1
0.636		
## 1244	5.4	5.1
0.631		
## 1245	5.4	5.2
0.628		
## 1246	5.4	5.2
0.603		
## 1247	5.5	5.2
0.616		
## 1248	5.5	5.3
0.614		
## 1249	5.6	5.3
0.607		
## 1250	5.6	5.4
0.603		
## 1251	0.3	0.2
0.920		
## 1252	0.3	0.2

0.910		
## 1253	0.3	0.2
0.902		
## 1254	0.3	0.2
0.895		
## 1255	0.3	0.2
0.909		
## 1256	0.3	0.2
0.907		
## 1257	0.3	0.2
0.909		
## 1258	0.3	0.2
0.908		
## 1259	0.3	0.2
0.902		
## 1260	0.3	0.2
0.896		
## 1261	0.3	0.2
0.889		
## 1262	0.3	0.2
0.880		
## 1263	0.3	0.2
0.870		
## 1264	0.3	0.3
0.862		
## 1265	0.3	0.3
0.857		
## 1266	0.3	0.3
0.848		
## 1267	1.2	1.1
0.898		
## 1268	1.2	1.1
0.895		
## 1269	1.2	1.1
0.891		
## 1270	1.2	1.1
0.889		
## 1271	1.2	1.1
0.883		
## 1272	1.2	1.1
0.878		
## 1273	1.2	1.1
0.876		
## 1274	1.1	1.1
0.877		
## 1275	1.1	1.1
0.872		
## 1276	1.1	1.1
0.870		
## 1277	1.1	1.1

0.866		
## 1278	1.1	1.1
0.863		
## 1279	1.1	1.1
0.863		
## 1280	1.1	1.1
0.855		
## 1281	1.1	1.1
0.850		
## 1282	1.1	1.1
0.845		
## 1283	0.6	0.6
0.881		
## 1284	0.6	0.6
0.877		
## 1285	0.5	0.6
0.876		
## 1286	0.5	0.6
0.877		
## 1287	0.5	0.5
0.872		
## 1288	0.5	0.5
0.869		
## 1289	0.5	0.5
0.868		
## 1290	0.5	0.5
0.866		
## 1291	0.5	0.5
0.862		
## 1292	0.5	0.5
0.856		
## 1293	0.5	0.5
0.851		
## 1294	0.5	0.5
0.846		
## 1295	0.5	0.5
0.841		
## 1296	0.5	0.5
0.836		
## 1297	0.5	0.5
0.828		
## 1298	0.5	0.5
0.823		
## 1299	1.8	1.7
0.729		
## 1300	1.8	1.7
0.727		
## 1301	1.8	1.7
0.727		
## 1302	1.8	1.7

0.725		
## 1303	1.8	1.7
0.722		
## 1304	1.8	1.7
0.721		
## 1305	1.9	1.7
0.721		
## 1306	1.9	1.7
0.718		
## 1307	1.9	1.7
0.714		
## 1308	1.9	1.7
0.709		
## 1309	1.9	1.7
0.706		
## 1310	1.9	1.8
0.689		
## 1311	1.9	1.8
0.694		
## 1312	2.0	1.8
0.690		
## 1313	2.0	1.8
0.680		
## 1314	2.0	1.9
0.682		
## 1315	2.1	1.8
0.902		
## 1316	2.0	1.7
0.899		
## 1317	2.0	1.7
0.894		
## 1318	1.9	1.7
0.889		
## 1319	1.9	1.6
0.884		
## 1320	1.9	1.6
0.879		
## 1321	1.8	1.6
0.881		
## 1322	1.8	1.5
0.880		
## 1323	1.8	1.5
0.877		
## 1324	1.7	1.5
0.873		
## 1325	1.7	1.5
0.870		
## 1326	1.7	1.4
0.866		
## 1327	1.7	1.4

0.863		
## 1328	1.7	1.4
0.860		
## 1329	1.7	1.4
0.856		
## 1330	1.6	1.4
0.852		
## 1331	4.0	4.0
0.741		
## 1332	3.9	3.9
0.737		
## 1333	3.9	3.9
0.737		
## 1334	3.9	3.9
0.735		
## 1335	3.8	3.9
0.737		
## 1336	3.8	3.8
0.739		
## 1337	3.8	3.8
0.742		
## 1338	3.8	3.8
0.739		
## 1339	3.8	3.8
0.736		
## 1340	3.9	3.8
0.733		
## 1341	3.9	3.8
0.730		
## 1342	3.9	3.8
0.723		
## 1343	3.9	3.9
0.717		
## 1344	3.9	3.9
0.712		
## 1345	4.0	3.9
0.706		
## 1346	4.0	4.0
0.700		
## 1347	2.4	2.5
0.793		
## 1348	2.4	2.5
0.789		
## 1349	2.4	2.5
0.782		
## 1350	2.4	2.5
0.774		
## 1351	2.3	2.5
0.766		
## 1352	2.3	2.5

0.763		
## 1353	2.3	2.5
0.758		
## 1354	2.4	2.5
0.758		
## 1355	2.4	2.5
0.754		
## 1356	2.4	2.5
0.747		
## 1357	2.4	2.5
0.737		
## 1358	2.5	2.6
0.725		
## 1359	2.5	2.6
0.714		
## 1360	2.6	2.6
0.700		
## 1361	2.6	2.7
0.685		
## 1362	2.7	2.7
0.676		
## 1363	7.8	7.6
0.550		
## 1364	7.8	7.7
0.546		
## 1365	7.9	7.7
0.541		
## 1366	8.0	7.8
0.536		
## 1367	8.1	7.9
0.530		
## 1368	8.2	8.0
0.523		
## 1369	8.2	8.1
0.514		
## 1370	8.3	8.2
0.506		
## 1371	8.4	8.3
0.494		
## 1372	8.5	8.4
0.483		
## 1373	8.6	8.5
0.474		
## 1374	8.7	8.6
0.461		
## 1375	8.8	8.8
0.450		
## 1376	8.9	8.9
0.451		
## 1377	9.0	9.0

0.447		
## 1378	9.2	9.1
0.448		
## 1379	0.1	0.1
0.586		
## 1380	0.1	0.1
0.597		
## 1381	0.1	0.1
0.589		
## 1382	0.1	0.1
0.581		
## 1383	0.1	0.1
0.585		
## 1384	0.1	0.1
0.584		
## 1385	0.1	0.1
0.576		
## 1386	0.2	0.1
0.572		
## 1387	0.2	0.1
0.574		
## 1388	0.2	0.1
0.576		
## 1389	0.2	0.2
0.000		
## 1390	0.2	0.2
0.000		
## 1391	0.2	0.2
0.000		
## 1392	0.2	0.2
0.000		
## 1393	0.2	0.2
0.000		
## 1394	0.2	0.2
0.000		
## 1395	3.5	3.4
0.799		
## 1396	3.4	3.4
0.787		
## 1397	3.4	3.3
0.796		
## 1398	3.4	3.3
0.794		
## 1399	3.3	3.2
0.792		
## 1400	3.3	3.2
0.790		
## 1401	3.3	3.2
0.788		
## 1402	3.3	3.1

0.787		
## 1403	3.2	3.1
0.787		
## 1404	3.2	3.1
0.787		
## 1405	3.2	3.1
0.789		
## 1406	3.2	3.0
0.791		
## 1407	3.2	3.0
0.788		
## 1408	3.2	3.0
0.785		
## 1409	3.2	3.0
0.786		
## 1410	3.2	3.1
0.786		
## 1411	3.3	3.4
0.662		
## 1412	3.3	3.4
0.656		
## 1413	3.3	3.3
0.647		
## 1414	3.2	3.3
0.638		
## 1415	3.2	3.3
0.632		
## 1416	3.2	3.3
0.631		
## 1417	3.3	3.4
0.629		
## 1418	3.3	3.4
0.624		
## 1419	3.3	3.4
0.618		
## 1420	3.3	3.4
0.613		
## 1421	3.4	3.4
0.612		
## 1422	3.4	3.4
0.609		
## 1423	3.5	3.5
0.602		
## 1424	3.5	3.5
0.601		
## 1425	3.6	3.6
0.593		
## 1426	3.6	3.6
0.586		
## 1427	8.8	8.9

0.582		
## 1428	8.9	9.0
0.573		
## 1429	9.0	9.1
0.563		
## 1430	9.1	9.2
0.554		
## 1431	9.2	9.4
0.542		
## 1432	9.3	9.5
0.535		
## 1433	9.4	9.6
0.525		
## 1434	9.6	9.7
0.518		
## 1435	9.7	9.8
0.509		
## 1436	9.9	9.9
0.503		
## 1437	1.0	1.1
0.494		
## 1438	1.1	1.2
0.485		
## 1439	1.2	1.3
0.477		
## 1440	1.3	1.4
0.468		
## 1441	1.4	1.5
0.463		
## 1442	1.5	1.5
0.459		
## 1443	2.2	2.1
0.828		
## 1444	2.2	2.2
0.822		
## 1445	2.2	2.2
0.814		
## 1446	2.2	2.2
0.812		
## 1447	2.2	2.3
0.810		
## 1448	2.2	2.3
0.815		
## 1449	2.3	2.3
0.821		
## 1450	2.3	2.4
0.819		
## 1451	2.4	2.4
0.814		
## 1452	2.4	2.5

0.807		
## 1453	2.5	2.5
0.791		
## 1454	2.5	2.6
0.776		
## 1455	2.6	2.6
0.761		
## 1456	2.7	2.7
0.746		
## 1457	2.8	2.8
0.728		
## 1458	2.8	2.8
0.716		
## 1459	4.9	4.9
0.763		
## 1460	4.8	4.9
0.763		
## 1461	4.8	4.8
0.766		
## 1462	4.8	4.8
0.763		
## 1463	4.7	4.7
0.758		
## 1464	4.7	4.7
0.752		
## 1465	4.7	4.7
0.746		
## 1466	4.7	4.7
0.740		
## 1467	4.7	4.6
0.731		
## 1468	4.7	4.6
0.733		
## 1469	4.7	4.6
0.000		
## 1470	4.7	4.6
0.000		
## 1471	4.8	4.7
0.000		
## 1472	4.8	4.7
0.000		
## 1473	4.9	4.7
0.000		
## 1474	4.9	4.8
0.000		
## 1475	5.5	5.3
0.495		
## 1476	5.8	5.6
0.491		
## 1477	6.1	5.9

0.484		
## 1478	6.4	6.2
0.479		
## 1479	6.8	6.6
0.469		
## 1480	7.2	7.0
0.464		
## 1481	7.6	7.4
0.453		
## 1482	8.0	7.8
0.447		
## 1483	8.4	8.3
0.440		
## 1484	8.8	8.7
0.437		
## 1485	9.3	9.2
0.437		
## 1486	9.7	9.7
0.439		
## 1487	1.2	1.1
0.440		
## 1488	1.6	1.6
0.446		
## 1489	11.1	11.1
0.443		
## 1490	11.5	11.6
0.445		
## 1491	6.5	6.4
0.427		
## 1492	6.7	6.5
0.426		
## 1493	6.8	6.7
0.419		
## 1494	7.0	6.9
0.416		
## 1495	7.2	7.0
0.406		
## 1496	7.4	7.2
0.403		
## 1497	7.6	7.4
0.400		
## 1498	7.7	7.6
0.394		
## 1499	7.9	7.8
0.383		
## 1500	8.1	8.1
0.377		
## 1501	8.3	8.3
0.372		
## 1502	8.5	8.5

0.335		
## 1503	8.7	8.7
0.373		
## 1504	8.8	8.9
0.376		
## 1505	9.0	9.0
0.386		
## 1506	9.2	9.2
0.338		
## 1507	5.8	5.5
0.719		
## 1508	5.7	5.5
0.730		
## 1509	5.7	5.5
0.735		
## 1510	5.6	5.4
0.706		
## 1511	5.6	5.4
0.756		
## 1512	5.6	5.4
0.755		
## 1513	5.6	5.4
0.757		
## 1514	5.5	5.4
0.757		
## 1515	5.5	5.4
0.756		
## 1516	5.5	5.4
0.752		
## 1517	5.5	5.4
0.748		
## 1518	5.5	5.4
0.747		
## 1519	5.6	5.4
0.740		
## 1520	5.6	5.4
0.736		
## 1521	5.6	5.5
0.732		
## 1522	5.7	5.5
0.727		
## 1523	2.6	2.6
0.846		
## 1524	2.6	2.7
0.841		
## 1525	2.7	2.7
0.834		
## 1526	2.7	2.7
0.830		
## 1527	2.7	2.8

0.826		
## 1528	2.8	2.8
0.824		
## 1529	2.8	2.9
0.825		
## 1530	2.9	2.9
0.820		
## 1531	2.9	3.0
0.812		
## 1532	3.0	3.0
0.807		
## 1533	3.0	3.1
0.798		
## 1534	3.1	3.1
0.792		
## 1535	3.2	3.2
0.780		
## 1536	3.3	3.3
0.770		
## 1537	3.3	3.3
0.757		
## 1538	3.4	3.4
0.745		
## 1539	1.0	0.9
0.896		
## 1540	1.0	0.9
0.892		
## 1541	0.9	0.9
0.892		
## 1542	0.9	0.9
0.892		
## 1543	0.9	0.9
0.894		
## 1544	0.9	0.9
0.884		
## 1545	0.9	0.9
0.888		
## 1546	0.9	0.9
0.887		
## 1547	0.9	0.9
0.877		
## 1548	0.9	0.9
0.880		
## 1549	1.0	0.9
0.874		
## 1550	1.0	0.9
0.867		
## 1551	1.0	0.9
0.865		
## 1552	1.0	0.9

0.860		
## 1553	1.0	1.0
0.854		
## 1554	1.0	1.0
0.848		
## 1555	7.1	7.1
0.511		
## 1556	7.2	7.1
0.509		
## 1557	7.3	7.2
0.508		
## 1558	7.4	7.3
0.506		
## 1559	7.5	7.4
0.504		
## 1560	7.6	7.5
0.503		
## 1561	7.7	7.6
0.500		
## 1562	7.8	7.7
0.491		
## 1563	7.9	7.8
0.483		
## 1564	8.0	7.9
0.478		
## 1565	8.1	8.0
0.473		
## 1566	8.2	8.1
0.466		
## 1567	8.3	8.3
0.457		
## 1568	8.5	8.4
0.462		
## 1569	8.6	8.5
0.456		
## 1570	8.7	8.6
0.000		
## 1571	6.4	6.2
0.473		
## 1572	6.5	6.3
0.466		
## 1573	6.5	6.4
0.459		
## 1574	6.6	6.5
0.454		
## 1575	6.7	6.6
0.444		
## 1576	6.8	6.7
0.430		
## 1577	6.9	6.8

0.415		
## 1578	7.0	6.9
0.400		
## 1579	7.1	7.0
0.387		
## 1580	7.3	7.1
0.377		
## 1581	7.4	7.2
0.371		
## 1582	7.5	7.4
0.366		
## 1583	7.6	7.5
0.362		
## 1584	7.7	7.6
0.388		
## 1585	7.9	7.7
0.387		
## 1586	8.0	7.9
0.391		
## 1587	7.5	7.3
0.787		
## 1588	7.6	7.4
0.783		
## 1589	7.8	7.6
0.779		
## 1590	7.9	7.7
0.776		
## 1591	8.0	7.8
0.774		
## 1592	8.2	8.0
0.764		
## 1593	8.3	8.2
0.756		
## 1594	8.5	8.3
0.747		
## 1595	8.7	8.5
0.736		
## 1596	8.8	8.6
0.732		
## 1597	9.0	8.8
0.734		
## 1598	9.2	8.9
0.731		
## 1599	9.3	9.1
0.724		
## 1600	9.5	9.3
0.723		
## 1601	9.7	9.4
0.725		
## 1602	9.8	9.6

0.715		
## 1603	13.6	13.6
0.701		
## 1604	13.6	13.7
0.693		
## 1605	13.7	13.8
0.683		
## 1606	13.8	13.9
0.675		
## 1607	13.9	14.0
0.663		
## 1608	14.0	14.1
0.653		
## 1609	14.1	14.2
0.651		
## 1610	14.2	14.3
0.641		
## 1611	14.3	14.4
0.632		
## 1612	14.3	14.5
0.622		
## 1613	14.4	14.5
0.625		
## 1614	14.5	14.6
0.617		
## 1615	14.6	14.7
0.601		
## 1616	14.6	14.7
0.597		
## 1617	14.7	14.8
0.587		
## 1618	14.8	14.8
0.577		
## 1619	7.7	7.5
0.438		
## 1620	7.9	7.7
0.430		
## 1621	8.1	7.9
0.421		
## 1622	8.3	8.1
0.411		
## 1623	8.5	8.3
0.404		
## 1624	8.8	8.5
0.396		
## 1625	9.0	8.8
0.385		
## 1626	9.2	9.0
0.360		
## 1627	9.4	9.3

0.363		
## 1628	9.7	9.5
0.350		
## 1629	9.9	9.7
0.338		
## 1630	1.1	1.0
0.333		
## 1631	1.3	1.2
0.318		
## 1632	1.5	1.5
0.308		
## 1633	1.8	1.7
0.297		
## 1634	11.0	1.9
0.291		
## 1635	0.8	0.8
0.853		
## 1636	0.8	0.8
0.847		
## 1637	0.8	0.7
0.828		
## 1638	0.8	0.7
0.821		
## 1639	0.8	0.7
0.826		
## 1640	0.8	0.7
0.819		
## 1641	0.8	0.7
0.815		
## 1642	0.7	0.7
0.813		
## 1643	0.7	0.7
0.808		
## 1644	0.7	0.7
0.809		
## 1645	0.7	0.7
0.805		
## 1646	0.7	0.7
0.797		
## 1647	0.7	0.7
0.790		
## 1648	0.7	0.7
0.786		
## 1649	0.7	0.7
0.783		
## 1650	0.8	0.7
0.779		
## 1651	0.1	0.1
NA		
## 1652	7.8	7.5

0.513		
## 1653	8.0	7.7
0.509		
## 1654	8.1	7.9
0.501		
## 1655	8.3	8.1
0.491		
## 1656	8.5	8.3
0.487		
## 1657	8.7	8.5
0.484		
## 1658	8.9	8.7
0.476		
## 1659	9.2	8.9
0.475		
## 1660	9.4	9.1
0.475		
## 1661	9.6	9.4
0.466		
## 1662	9.8	9.6
0.461		
## 1663	1.0	9.8
0.451		
## 1664	1.3	1.1
0.447		
## 1665	1.5	1.3
0.446		
## 1666	1.7	1.5
0.444		
## 1667	1.9	1.7
0.443		
## 1668	6.9	6.8
0.779		
## 1669	7.0	6.9
0.769		
## 1670	7.0	7.0
0.765		
## 1671	7.1	7.0
0.756		
## 1672	7.1	7.1
0.748		
## 1673	7.2	7.2
0.740		
## 1674	7.3	7.3
0.734		
## 1675	7.4	7.3
0.728		
## 1676	7.5	7.4
0.720		
## 1677	7.6	7.5

0.713		
## 1678	7.7	7.6
0.704		
## 1679	7.8	7.7
0.696		
## 1680	7.9	7.8
0.687		
## 1681	7.9	7.9
0.683		
## 1682	8.0	8.0
0.673		
## 1683	8.1	8.1
0.667		
## 1684	1.5	1.5
0.758		
## 1685	1.6	1.5
0.754		
## 1686	1.6	1.5
0.753		
## 1687	1.6	1.5
0.748		
## 1688	1.6	1.6
0.745		
## 1689	1.6	1.6
0.739		
## 1690	1.7	1.6
0.738		
## 1691	1.7	1.6
0.735		
## 1692	1.7	1.7
0.731		
## 1693	1.8	1.7
0.723		
## 1694	1.8	1.7
0.719		
## 1695	1.8	1.8
0.714		
## 1696	1.9	1.8
0.708		
## 1697	1.9	1.8
0.703		
## 1698	1.9	1.9
0.700		
## 1699	2.0	1.9
0.694		
## 1700	0.2	0.2
0.637		
## 1701	0.2	0.2
0.639		
## 1702	0.2	0.2

0.641		
## 1703	0.2	0.2
0.640		
## 1704	0.2	0.2
0.638		
## 1705	0.2	0.2
0.633		
## 1706	0.2	0.2
0.629		
## 1707	0.2	0.2
0.628		
## 1708	0.2	0.2
0.625		
## 1709	0.2	0.2
0.622		
## 1710	0.2	0.2
0.617		
## 1711	0.2	0.2
0.616		
## 1712	0.2	0.2
0.612		
## 1713	0.2	0.2
0.608		
## 1714	0.3	0.2
0.604		
## 1715	0.3	0.3
0.000		
## 1716	NA	NA
NA		
## 1717	2.2	2.3
0.733		
## 1718	2.2	2.3
0.729		
## 1719	2.2	2.3
0.720		
## 1720	2.2	2.3
0.712		
## 1721	2.2	2.3
0.701		
## 1722	2.2	2.3
0.693		
## 1723	2.2	2.3
0.686		
## 1724	2.2	2.3
0.673		
## 1725	2.2	2.4
0.661		
## 1726	2.2	2.4
0.649		
## 1727	2.3	2.4

0.637		
## 1728	2.3	2.4
0.621		
## 1729	2.4	2.5
0.609		
## 1730	2.4	2.5
0.599		
## 1731	2.5	2.6
0.588		
## 1732	2.6	2.6
0.582		
## 1733	1.8	1.8
0.804		
## 1734	1.8	1.9
0.803		
## 1735	1.8	1.9
0.799		
## 1736	1.9	1.9
0.797		
## 1737	1.9	2.0
0.792		
## 1738	2.0	2.0
0.787		
## 1739	2.0	2.1
0.785		
## 1740	2.1	2.1
0.774		
## 1741	2.1	2.2
0.762		
## 1742	2.2	2.2
0.751		
## 1743	2.3	2.3
0.746		
## 1744	2.3	2.4
0.740		
## 1745	2.4	2.4
0.000		
## 1746	2.5	2.5
0.000		
## 1747	2.5	2.6
0.000		
## 1748	2.6	2.7
0.000		
## 1749	6.4	6.2
0.645		
## 1750	6.4	6.2
0.640		
## 1751	6.4	6.2
0.634		
## 1752	6.3	6.2

0.623		
## 1753	6.3	6.2
0.612		
## 1754	6.3	6.2
0.603		
## 1755	6.4	6.2
0.596		
## 1756	6.4	6.3
0.589		
## 1757	6.4	6.3
0.581		
## 1758	6.4	6.3
0.575		
## 1759	6.5	6.3
0.569		
## 1760	6.5	6.4
0.561		
## 1761	6.6	6.4
0.551		
## 1762	6.6	6.5
0.540		
## 1763	6.7	6.5
0.530		
## 1764	6.7	6.6
0.519		
## 1765	3.6	3.5
0.414		
## 1766	3.6	3.5
0.409		
## 1767	3.6	3.5
0.405		
## 1768	3.6	3.5
0.400		
## 1769	3.7	3.6
0.397		
## 1770	3.7	3.6
0.390		
## 1771	3.7	3.6
0.382		
## 1772	3.7	3.7
0.372		
## 1773	3.8	3.7
0.360		
## 1774	3.8	3.7
0.353		
## 1775	3.9	3.8
0.341		
## 1776	3.9	3.8
0.332		
## 1777	4.0	3.9

0.318		
## 1778	4.0	4.0
0.311		
## 1779	4.1	4.0
0.298		
## 1780	4.2	4.1
0.291		
## 1781	12.8	13.0
0.552		
## 1782	12.9	13.1
0.547		
## 1783	12.9	13.2
0.540		
## 1784	13.0	13.2
0.533		
## 1785	13.0	13.3
0.526		
## 1786	13.1	13.3
0.515		
## 1787	13.1	13.4
0.504		
## 1788	13.2	13.4
0.493		
## 1789	13.2	13.5
0.484		
## 1790	13.2	13.5
0.474		
## 1791	13.2	13.6
0.465		
## 1792	13.3	13.6
0.455		
## 1793	13.3	13.6
0.445		
## 1794	13.3	13.7
0.435		
## 1795	13.3	13.7
0.427		
## 1796	13.3	13.7
0.417		
## 1797	8.2	8.1
0.637		
## 1798	8.6	8.5
0.632		
## 1799	9.0	8.9
0.625		
## 1800	9.5	9.4
0.619		
## 1801	9.9	9.9
0.612		
## 1802	1.4	1.4

0.604		
## 1803	1.9	1.9
0.598		
## 1804	11.5	11.4
0.589		
## 1805	12.0	12.0
0.578		
## 1806	12.6	12.6
0.570		
## 1807	13.1	13.1
0.565		
## 1808	13.7	13.7
0.559		
## 1809	14.2	14.3
0.554		
## 1810	14.7	14.8
0.556		
## 1811	15.2	15.4
0.556		
## 1812	15.7	15.9
0.559		
## 1813	0.1	0.1
NA		
## 1814	15.7	16.1
0.555		
## 1815	15.9	16.3
0.551		
## 1816	16.1	16.5
0.545		
## 1817	16.3	16.7
0.538		
## 1818	16.5	16.9
0.529		
## 1819	16.7	17.2
0.515		
## 1820	16.9	17.4
0.502		
## 1821	17.0	17.6
0.492		
## 1822	17.2	17.8
0.486		
## 1823	17.4	18.0
0.476		
## 1824	17.6	18.2
0.469		
## 1825	17.8	18.4
0.463		
## 1826	18.0	18.6
0.457		
## 1827	18.2	18.8

0.447		
## 1828	18.3	19.0
0.446		
## 1829	18.5	19.2
0.439		
## 1830	1.0	0.9
0.923		
## 1831	1.0	0.9
0.923		
## 1832	1.0	0.9
0.922		
## 1833	1.0	0.9
0.921		
## 1834	1.0	0.9
0.911		
## 1835	1.0	0.9
0.906		
## 1836	1.0	0.9
0.906		
## 1837	1.0	0.9
0.905		
## 1838	1.0	1.0
0.899		
## 1839	1.0	1.0
0.893		
## 1840	1.0	1.0
0.888		
## 1841	1.0	1.0
0.885		
## 1842	1.1	1.0
0.881		
## 1843	1.1	1.0
0.882		
## 1844	1.1	1.1
0.878		
## 1845	1.1	1.1
0.873		
## 1846	0.4	0.3
0.913		
## 1847	0.4	0.3
0.910		
## 1848	0.3	0.3
0.908		
## 1849	0.3	0.3
0.904		
## 1850	0.3	0.3
0.901		
## 1851	0.3	0.3
0.899		
## 1852	0.3	0.3

0.895		
## 1853	0.3	0.3
0.894		
## 1854	0.3	0.3
0.891		
## 1855	0.3	0.3
0.888		
## 1856	0.3	0.3
0.886		
## 1857	0.3	0.3
0.884		
## 1858	0.3	0.3
0.881		
## 1859	0.3	0.3
0.873		
## 1860	0.3	0.3
0.868		
## 1861	0.3	0.3
0.864		
## 1862	1.8	1.7
0.642		
## 1863	1.8	1.7
0.636		
## 1864	1.8	1.7
0.630		
## 1865	1.8	1.7
0.625		
## 1866	1.8	1.8
0.620		
## 1867	1.9	1.8
0.614		
## 1868	1.9	1.8
0.613		
## 1869	1.9	1.8
0.607		
## 1870	2.0	1.9
0.601		
## 1871	2.0	1.9
0.597		
## 1872	2.0	1.9
0.592		
## 1873	2.1	2.0
0.587		
## 1874	2.1	2.0
0.583		
## 1875	2.2	2.1
0.577		
## 1876	2.2	2.1
0.570		
## 1877	2.2	2.1

0.562		
## 1878	9.6	9.4
0.351		
## 1879	9.8	9.6
0.345		
## 1880	1.0	9.9
0.341		
## 1881	1.3	1.1
0.331		
## 1882	1.5	1.3
0.323		
## 1883	1.7	1.6
0.312		
## 1884	11.0	1.8
0.307		
## 1885	11.2	11.0
0.298		
## 1886	11.4	11.3
0.293		
## 1887	11.6	11.5
0.286		
## 1888	11.9	11.8
0.278		
## 1889	12.1	12.0
0.270		
## 1890	12.3	12.2
0.266		
## 1891	12.5	12.5
0.261		
## 1892	12.7	12.7
0.255		
## 1893	12.8	12.9
0.253		
## 1894	9.8	9.7
0.525		
## 1895	1.1	9.9
0.521		
## 1896	1.4	1.2
0.514		
## 1897	1.7	1.6
0.507		
## 1898	11.0	1.9
0.500		
## 1899	11.3	11.2
0.492		
## 1900	11.7	11.6
0.487		
## 1901	12.0	11.9
0.481		
## 1902	12.3	12.3

0.477		
## 1903	12.6	12.6
0.466		
## 1904	12.9	12.9
0.463		
## 1905	13.2	13.2
0.445		
## 1906	13.5	13.6
0.000		
## 1907	13.8	13.8
0.000		
## 1908	14.1	14.1
0.000		
## 1909	14.3	14.4
0.000		
## 1910	0.1	0.1
NA		
## 1911	0.8	0.7
0.948		
## 1912	0.8	0.7
0.945		
## 1913	0.8	0.7
0.942		
## 1914	0.7	0.7
0.941		
## 1915	0.7	0.7
0.939		
## 1916	0.7	0.7
0.936		
## 1917	0.7	0.7
0.936		
## 1918	0.7	0.7
0.936		
## 1919	0.7	0.7
0.934		
## 1920	0.8	0.7
0.931		
## 1921	0.8	0.7
0.929		
## 1922	0.8	0.7
0.924		
## 1923	0.8	0.7
0.918		
## 1924	0.8	0.7
0.916		
## 1925	0.8	0.7
0.917		
## 1926	0.8	0.7
0.911		
## 1927	7.1	6.9

0.795		
## 1928	7.1	6.9
0.796		
## 1929	7.0	6.8
0.796		
## 1930	7.0	6.8
0.797		
## 1931	6.9	6.8
0.797		
## 1932	6.9	6.8
0.797		
## 1933	6.9	6.8
0.782		
## 1934	6.9	6.8
0.765		
## 1935	7.0	6.8
0.753		
## 1936	7.0	6.8
0.748		
## 1937	7.0	6.8
0.742		
## 1938	7.1	6.8
0.734		
## 1939	7.1	6.8
0.725		
## 1940	7.1	6.8
0.716		
## 1941	7.1	6.9
0.705		
## 1942	7.2	6.9
0.000		
## 1943	19.2	19.6
0.548		
## 1944	19.4	19.8
0.542		
## 1945	19.6	2.0
0.538		
## 1946	19.8	2.2
0.529		
## 1947	2.0	2.4
0.525		
## 1948	2.2	2.7
0.521		
## 1949	2.5	2.9
0.514		
## 1950	2.7	21.1
0.513		
## 1951	2.8	21.3
0.505		
## 1952	21.0	21.5

0.501		
## 1953	21.2	21.7
0.487		
## 1954	21.4	21.8
0.474		
## 1955	21.6	22.0
0.465		
## 1956	21.8	22.2
0.457		
## 1957	22.0	22.4
0.450		
## 1958	22.2	22.6
0.445		
## 1959	0.1	0.1
0.779		
## 1960	1.9	1.8
0.785		
## 1961	1.9	1.8
0.780		
## 1962	1.9	1.9
0.773		
## 1963	1.9	1.9
0.765		
## 1964	2.0	1.9
0.758		
## 1965	2.0	1.9
0.756		
## 1966	2.0	1.9
0.755		
## 1967	2.0	2.0
0.750		
## 1968	2.1	2.0
0.743		
## 1969	2.1	2.0
0.744		
## 1970	2.1	2.1
0.740		
## 1971	2.2	2.1
0.733		
## 1972	2.2	2.2
0.728		
## 1973	2.3	2.2
0.725		
## 1974	2.3	2.3
0.721		
## 1975	2.4	2.3
0.716		
## 1976	1.3	1.3
0.515		
## 1977	1.3	1.3

0.511		
## 1978	1.3	1.3
0.506		
## 1979	1.3	1.3
0.501		
## 1980	1.3	1.3
0.494		
## 1981	1.4	1.3
0.485		
## 1982	1.4	1.3
0.477		
## 1983	1.4	1.3
0.469		
## 1984	1.4	1.3
0.461		
## 1985	1.4	1.4
0.454		
## 1986	1.4	1.4
0.446		
## 1987	1.5	1.4
0.439		
## 1988	1.5	1.4
0.433		
## 1989	1.5	1.5
0.428		
## 1990	1.5	1.5
0.422		
## 1991	1.6	1.5
0.418		
## 1992	2.0	1.9
0.692		
## 1993	2.0	1.9
0.688		
## 1994	2.0	1.9
0.679		
## 1995	2.0	2.0
0.679		
## 1996	2.1	2.0
0.675		
## 1997	2.1	2.0
0.664		
## 1998	2.1	2.0
0.663		
## 1999	2.1	2.1
0.654		
## 2000	2.2	2.1
0.649		
## 2001	2.2	2.2
0.648		
## 2002	2.3	2.2

0.646		
## 2003	2.3	2.2
0.639		
## 2004	2.4	2.3
0.642		
## 2005	2.4	2.3
0.632		
## 2006	2.5	2.4
0.624		
## 2007	2.5	2.4
0.625		
## 2008	1.1	1.1
0.737		
## 2009	1.1	1.1
0.735		
## 2010	1.1	1.1
0.731		
## 2011	1.1	1.1
0.725		
## 2012	1.1	1.1
0.721		
## 2013	1.1	1.1
0.708		
## 2014	1.2	1.2
0.706		
## 2015	1.2	1.2
0.700		
## 2016	1.2	1.2
0.696		
## 2017	1.2	1.2
0.693		
## 2018	1.3	1.3
0.692		
## 2019	1.3	1.3
0.685		
## 2020	1.3	1.3
0.686		
## 2021	1.4	1.4
0.686		
## 2022	1.4	1.4
0.677		
## 2023	1.4	1.4
0.674		
## 2024	1.0	9.7
0.679		
## 2025	1.0	9.7
0.676		
## 2026	1.0	9.7
0.671		
## 2027	1.0	9.7

0.666		
## 2028	1.0	9.7
0.669		
## 2029	1.0	9.7
0.662		
## 2030	1.0	9.7
0.661		
## 2031	1.0	9.7
0.655		
## 2032	1.0	9.7
0.648		
## 2033	1.0	9.7
0.646		
## 2034	1.0	9.7
0.642		
## 2035	1.0	9.7
0.636		
## 2036	1.0	9.7
0.631		
## 2037	1.0	9.7
0.625		
## 2038	1.0	9.7
0.622		
## 2039	1.0	9.6
0.618		
## 2040	1.9	2.0
0.852		
## 2041	1.9	2.1
0.850		
## 2042	2.0	2.1
0.838		
## 2043	2.0	2.1
0.834		
## 2044	2.0	2.2
0.829		
## 2045	2.1	2.2
0.822		
## 2046	2.1	2.3
0.818		
## 2047	2.2	2.3
0.813		
## 2048	2.2	2.4
0.808		
## 2049	2.3	2.4
0.803		
## 2050	2.3	2.5
0.797		
## 2051	2.4	2.5
0.800		
## 2052	2.4	2.6

0.796		
## 2053	2.5	2.6
0.790		
## 2054	2.5	2.7
0.784		
## 2055	2.5	2.8
0.777		
## 2056	0.7	0.5
0.841		
## 2057	0.7	0.5
0.837		
## 2058	0.7	0.5
0.827		
## 2059	0.7	0.5
0.824		
## 2060	0.7	0.5
0.818		
## 2061	0.7	0.5
0.812		
## 2062	0.7	0.5
0.809		
## 2063	0.7	0.5
0.804		
## 2064	0.7	0.5
0.797		
## 2065	0.7	0.5
0.793		
## 2066	0.7	0.6
0.790		
## 2067	0.7	0.6
0.792		
## 2068	0.7	0.6
0.789		
## 2069	0.8	0.6
0.788		
## 2070	0.8	0.6
0.782		
## 2071	0.8	0.6
0.777		
## 2072	5.2	4.9
0.855		
## 2073	5.2	4.8
0.854		
## 2074	5.1	4.7
0.843		
## 2075	5.1	4.7
0.837		
## 2076	5.1	4.6
0.827		
## 2077	5.0	4.6

0.825		
## 2078	5.0	4.6
0.828		
## 2079	5.0	4.5
0.825		
## 2080	4.9	4.5
0.830		
## 2081	4.9	4.5
0.835		
## 2082	4.8	4.5
0.830		
## 2083	4.8	4.5
0.826		
## 2084	4.8	4.5
0.815		
## 2085	4.8	4.5
0.807		
## 2086	4.8	4.5
0.809		
## 2087	4.8	4.5
0.808		
## 2088	1.5	1.0
NA		
## 2089	1.5	1.0
NA		
## 2090	1.5	1.0
NA		
## 2091	1.5	1.0
NA		
## 2092	1.5	1.0
NA		
## 2093	1.5	1.0
NA		
## 2094	1.5	1.0
NA		
## 2095	1.5	1.0
NA		
## 2096	1.5	1.0
NA		
## 2097	1.5	1.0
NA		
## 2098	1.6	1.0
NA		
## 2099	1.6	1.0
NA		
## 2100	1.6	1.0
NA		
## 2101	1.6	1.1
NA		
## 2102	1.6	1.1

NA		
## 2103	1.6	1.1
NA		
## 2104	2.7	2.8
NA		
## 2105	2.7	2.8
NA		
## 2106	2.7	2.9
NA		
## 2107	2.7	2.9
NA		
## 2108	2.8	3.0
NA		
## 2109	2.8	3.0
NA		
## 2110	2.9	3.1
NA		
## 2111	2.9	3.1
NA		
## 2112	3.0	3.2
NA		
## 2113	3.1	3.3
NA		
## 2114	3.1	3.3
NA		
## 2115	3.2	3.4
NA		
## 2116	3.3	3.5
NA		
## 2117	3.4	3.6
NA		
## 2118	3.5	3.6
NA		
## 2119	3.6	3.7
NA		
## 2120	2.5	2.7
0.798		
## 2121	2.6	2.8
0.797		
## 2122	2.7	2.9
0.794		
## 2123	2.8	3.0
0.797		
## 2124	2.9	3.1
0.798		
## 2125	3.0	3.2
0.797		
## 2126	3.0	3.3
0.795		
## 2127	3.1	3.5

0.780		
## 2128	3.2	3.6
0.766		
## 2129	3.2	3.7
0.755		
## 2130	3.3	3.8
0.745		
## 2131	3.4	3.9
0.733		
## 2132	3.5	4.0
0.722		
## 2133	3.7	4.1
0.714		
## 2134	3.8	4.2
0.708		
## 2135	4.0	4.3
0.703		
## 2136	2.3	2.3
0.805		
## 2137	2.3	2.3
0.803		
## 2138	2.3	2.3
0.799		
## 2139	2.3	2.4
0.792		
## 2140	2.3	2.4
0.785		
## 2141	2.3	2.5
0.773		
## 2142	2.3	2.5
0.776		
## 2143	2.3	2.5
0.769		
## 2144	2.4	2.6
0.761		
## 2145	2.4	2.7
0.754		
## 2146	2.4	2.7
0.748		
## 2147	2.5	2.8
0.741		
## 2148	2.6	2.8
0.733		
## 2149	2.7	2.9
0.727		
## 2150	2.8	3.0
0.720		
## 2151	2.9	3.0
0.709		
## 2152	5.7	5.7

0.493		
## 2153	5.8	5.8
0.488		
## 2154	5.9	5.9
0.485		
## 2155	6.1	6.1
0.475		
## 2156	6.3	6.2
0.464		
## 2157	6.5	6.3
0.454		
## 2158	6.6	6.4
0.447		
## 2159	6.7	6.6
0.438		
## 2160	6.8	6.7
0.424		
## 2161	6.8	6.8
0.404		
## 2162	6.8	7.0
0.388		
## 2163	6.9	7.1
0.371		
## 2164	7.0	7.3
0.359		
## 2165	7.2	7.4
0.343		
## 2166	7.4	7.5
0.332		
## 2167	7.6	7.7
0.318		
## 2168	3.7	3.6
0.749		
## 2169	4.3	4.3
0.735		
## 2170	4.3	4.3
0.723		
## 2171	4.3	4.3
0.734		
## 2172	4.3	4.3
0.735		
## 2173	4.3	4.3
0.733		
## 2174	4.3	4.3
0.724		
## 2175	4.3	4.4
0.717		
## 2176	4.3	4.4
0.710		
## 2177	4.3	4.4

0.707		
## 2178	4.3	4.4
0.694		
## 2179	4.4	4.4
0.689		
## 2180	4.4	4.4
0.686		
## 2181	4.4	4.4
0.684		
## 2182	4.4	4.5
0.681		
## 2183	4.5	4.5
0.684		
## 2184	4.5	4.5
0.000		
## 2185	3.5	3.4
0.720		
## 2186	3.5	3.4
0.720		
## 2187	3.5	3.4
0.717		
## 2188	3.5	3.5
0.713		
## 2189	3.5	3.5
0.712		
## 2190	3.5	3.5
0.711		
## 2191	3.6	3.5
0.709		
## 2192	3.6	3.6
0.704		
## 2193	3.6	3.6
0.702		
## 2194	3.7	3.6
0.695		
## 2195	3.7	3.7
0.692		
## 2196	3.8	3.7
0.689		
## 2197	3.8	3.8
0.682		
## 2198	3.9	3.8
0.677		
## 2199	3.9	3.9
0.673		
## 2200	4.0	3.9
0.000		
## 2201	0.2	0.1
0.702		
## 2202	0.2	0.1

0.701		
## 2203	0.2	0.1
0.700		
## 2204	0.2	0.1
0.698		
## 2205	0.2	0.1
0.693		
## 2206	0.2	0.2
0.690		
## 2207	0.2	0.2
0.691		
## 2208	0.2	0.2
0.688		
## 2209	0.2	0.2
0.682		
## 2210	0.2	0.2
0.677		
## 2211	0.2	0.2
0.671		
## 2212	0.2	0.2
0.665		
## 2213	0.2	0.2
0.659		
## 2214	0.2	0.2
0.653		
## 2215	0.2	0.2
0.645		
## 2216	0.2	0.2
0.640		
## 2217	NA	NA
NA		
## 2218	5.5	5.3
0.565		
## 2219	5.6	5.4
0.562		
## 2220	5.7	5.5
0.559		
## 2221	5.9	5.7
0.553		
## 2222	6.0	5.9
0.546		
## 2223	6.1	6.0
0.542		
## 2224	6.3	6.2
0.533		
## 2225	6.5	6.4
0.531		
## 2226	6.7	6.6
0.527		
## 2227	6.9	6.8

0.521		
## 2228	7.0	7.0
0.514		
## 2229	7.2	7.2
0.509		
## 2230	7.4	7.4
0.504		
## 2231	7.6	7.6
0.501		
## 2232	7.8	7.8
0.497		
## 2233	8.0	8.1
0.488		
## 2234	7.8	7.6
0.845		
## 2235	7.7	7.5
0.841		
## 2236	7.6	7.5
0.830		
## 2237	7.5	7.4
0.818		
## 2238	7.4	7.4
0.804		
## 2239	7.3	7.4
0.792		
## 2240	7.3	7.3
0.787		
## 2241	7.2	7.3
0.779		
## 2242	7.2	7.3
0.773		
## 2243	7.2	7.3
0.767		
## 2244	7.2	7.3
0.761		
## 2245	7.2	7.3
0.754		
## 2246	7.2	7.3
0.747		
## 2247	7.3	7.3
0.745		
## 2248	7.3	7.3
0.742		
## 2249	7.3	7.4
0.737		
## 2250	9.5	9.3
0.491		
## 2251	9.7	9.5
0.483		
## 2252	9.9	9.7

0.474		
## 2253	1.0	9.9
0.463		
## 2254	1.2	1.1
0.455		
## 2255	1.4	1.3
0.449		
## 2256	1.6	1.5
0.444		
## 2257	1.8	1.7
0.435		
## 2258	11.0	1.9
0.425		
## 2259	11.2	11.1
0.422		
## 2260	11.4	11.3
0.415		
## 2261	11.6	11.5
0.408		
## 2262	11.8	11.7
0.401		
## 2263	12.0	11.9
0.397		
## 2264	12.1	12.1
0.381		
## 2265	12.3	12.3
0.378		
## 2266	2.0	2.0
0.775		
## 2267	2.1	2.1
0.771		
## 2268	2.1	2.1
0.766		
## 2269	2.1	2.1
0.767		
## 2270	2.2	2.2
0.757		
## 2271	2.2	2.3
0.755		
## 2272	2.3	2.3
0.754		
## 2273	2.3	2.4
0.749		
## 2274	2.4	2.4
0.743		
## 2275	2.5	2.5
0.739		
## 2276	2.5	2.6
0.730		
## 2277	2.6	2.6

0.720		
## 2278	2.7	2.7
0.715		
## 2279	2.7	2.8
0.715		
## 2280	2.8	2.8
0.709		
## 2281	2.8	2.9
0.702		
## 2282	5.7	6.0
0.781		
## 2283	5.7	6.0
0.766		
## 2284	5.7	6.1
0.762		
## 2285	5.7	6.1
0.755		
## 2286	5.7	6.1
0.744		
## 2287	5.8	6.2
0.740		
## 2288	5.8	6.2
0.739		
## 2289	5.9	6.3
0.739		
## 2290	5.9	6.3
0.733		
## 2291	5.9	6.3
0.728		
## 2292	6.0	6.4
0.712		
## 2293	6.0	6.4
0.715		
## 2294	6.1	6.5
0.713		
## 2295	6.1	6.6
0.712		
## 2296	6.2	6.6
0.714		
## 2297	6.3	6.7
0.000		
## 2298	7.4	7.3
0.431		
## 2299	7.5	7.4
0.426		
## 2300	7.7	7.6
0.413		
## 2301	7.9	7.8
0.401		
## 2302	8.1	8.0

0.392		
## 2303	8.3	8.2
0.384		
## 2304	8.5	8.4
0.375		
## 2305	8.7	8.7
0.367		
## 2306	8.9	8.9
0.357		
## 2307	9.1	9.1
0.348		
## 2308	9.3	9.3
0.341		
## 2309	9.5	9.5
0.332		
## 2310	9.7	9.8
0.322		
## 2311	9.9	1.0
0.306		
## 2312	1.1	1.2
0.302		
## 2313	1.3	1.4
0.292		
## 2314	2.2	2.2
0.924		
## 2315	2.2	2.2
0.922		
## 2316	2.2	2.2
0.920		
## 2317	2.2	2.1
0.917		
## 2318	2.1	2.1
0.911		
## 2319	2.1	2.1
0.889		
## 2320	2.1	2.1
0.887		
## 2321	2.1	2.1
0.880		
## 2322	2.1	2.0
0.873		
## 2323	2.1	2.0
0.839		
## 2324	2.1	2.0
0.821		
## 2325	2.1	2.0
0.820		
## 2326	2.1	2.0
0.819		
## 2327	2.1	2.0

0.818		
## 2328	2.1	2.0
0.820		
## 2329	2.1	2.0
0.810		
## 2330	1.2	1.2
0.842		
## 2331	1.2	1.2
0.841		
## 2332	1.2	1.3
0.838		
## 2333	1.2	1.3
0.835		
## 2334	1.2	1.3
0.829		
## 2335	1.3	1.3
0.822		
## 2336	1.3	1.4
0.820		
## 2337	1.3	1.4
0.813		
## 2338	1.3	1.4
0.802		
## 2339	1.4	1.5
0.793		
## 2340	1.4	1.5
0.784		
## 2341	1.4	1.5
0.776		
## 2342	1.5	1.6
0.771		
## 2343	1.5	1.6
0.763		
## 2344	1.5	1.6
0.763		
## 2345	1.6	1.7
0.761		
## 2346	1.4	1.3
0.888		
## 2347	1.4	1.4
0.888		
## 2348	1.4	1.4
0.878		
## 2349	1.5	1.5
0.877		
## 2350	1.6	1.6
0.876		
## 2351	1.6	1.6
0.872		
## 2352	1.7	1.7

0.873		
## 2353	1.7	1.7
0.869		
## 2354	1.8	1.8
0.865		
## 2355	1.8	1.9
0.858		
## 2356	1.9	2.0
0.853		
## 2357	2.0	2.0
0.850		
## 2358	2.0	2.1
0.843		
## 2359	2.1	2.2
0.835		
## 2360	2.2	2.2
0.824		
## 2361	2.2	2.3
0.818		
## 2362	1.1	1.2
0.514		
## 2363	1.1	1.2
0.512		
## 2364	1.1	1.2
0.509		
## 2365	1.2	1.2
0.505		
## 2366	1.2	1.2
0.497		
## 2367	1.2	1.2
0.492		
## 2368	1.2	1.2
0.494		
## 2369	1.2	1.2
0.489		
## 2370	1.2	1.2
0.482		
## 2371	1.3	1.3
0.470		
## 2372	1.3	1.3
0.465		
## 2373	1.3	1.3
0.459		
## 2374	1.3	1.3
0.453		
## 2375	1.4	1.4
0.446		
## 2376	1.4	1.4
0.442		
## 2377	1.4	1.4

0.455		
## 2378	6.6	6.4
NA		
## 2379	6.7	6.5
NA		
## 2380	6.8	6.6
NA		
## 2381	6.8	6.7
NA		
## 2382	6.9	6.7
NA		
## 2383	7.0	6.8
NA		
## 2384	7.1	6.9
NA		
## 2385	7.2	7.0
NA		
## 2386	7.3	7.1
NA		
## 2387	7.4	7.2
NA		
## 2388	7.5	7.3
NA		
## 2389	7.6	7.4
NA		
## 2390	7.7	7.5
NA		
## 2391	7.8	7.6
NA		
## 2392	7.9	7.7
NA		
## 2393	8.0	7.9
NA		
## 2394	4.4	5.3
0.665		
## 2395	4.9	5.9
0.660		
## 2396	5.4	6.5
0.652		
## 2397	6.0	7.3
0.644		
## 2398	6.6	8.0
0.638		
## 2399	7.3	8.9
0.630		
## 2400	8.1	9.8
0.622		
## 2401	8.9	1.7
0.616		
## 2402	9.7	11.7

0.612		
## 2403	1.6	12.8
0.609		
## 2404	11.6	13.9
0.609		
## 2405	12.6	15.0
0.611		
## 2406	13.5	16.1
0.613		
## 2407	14.5	17.1
0.620		
## 2408	15.4	18.1
0.629		
## 2409	16.3	19.1
0.635		
## 2410	NA	NA
0.421		
## 2411	NA	NA
0.421		
## 2412	NA	NA
0.417		
## 2413	NA	NA
0.419		
## 2414	NA	NA
0.429		
## 2415	NA	NA
0.000		
## 2416	NA	NA
0.000		
## 2417	NA	NA
0.000		
## 2418	NA	NA
0.000		
## 2419	NA	NA
0.000		
## 2420	NA	NA
0.000		
## 2421	NA	NA
0.000		
## 2422	NA	NA
0.000		
## 2423	NA	NA
0.000		
## 2424	NA	NA
0.000		
## 2425	NA	NA
0.000		
## 2426	0.6	0.5
0.882		
## 2427	0.6	0.5

0.877		
## 2428	0.6	0.5
0.874		
## 2429	0.6	0.5
0.871		
## 2430	0.6	0.5
0.867		
## 2431	0.6	0.5
0.860		
## 2432	0.6	0.5
0.858		
## 2433	0.6	0.5
0.854		
## 2434	0.6	0.5
0.849		
## 2435	0.6	0.5
0.844		
## 2436	0.6	0.5
0.837		
## 2437	0.6	0.5
0.833		
## 2438	0.6	0.5
0.830		
## 2439	0.6	0.5
0.828		
## 2440	0.6	0.5
0.825		
## 2441	0.6	0.5
0.820		
## 2442	15.1	15.0
0.764		
## 2443	15.2	15.0
0.760		
## 2444	15.2	15.1
0.757		
## 2445	15.3	15.2
0.752		
## 2446	15.3	15.3
0.746		
## 2447	15.3	15.3
0.739		
## 2448	15.3	15.4
0.735		
## 2449	15.4	15.4
0.731		
## 2450	15.4	15.5
0.725		
## 2451	15.4	15.5
0.718		
## 2452	15.4	15.5

0.712		
## 2453	15.4	15.5
0.705		
## 2454	15.4	15.5
0.697		
## 2455	15.4	15.6
0.699		
## 2456	15.4	15.6
0.686		
## 2457	15.3	15.5
0.677		
## 2458	NA	NA
0.488		
## 2459	NA	NA
0.485		
## 2460	NA	NA
0.478		
## 2461	NA	NA
0.468		
## 2462	NA	NA
0.463		
## 2463	NA	NA
0.461		
## 2464	NA	NA
0.456		
## 2465	NA	NA
0.444		
## 2466	NA	NA
0.440		
## 2467	NA	NA
0.430		
## 2468	NA	NA
0.423		
## 2469	NA	NA
0.415		
## 2470	NA	NA
0.409		
## 2471	NA	NA
0.403		
## 2472	NA	NA
0.399		
## 2473	NA	NA
0.394		
## 2474	3.5	3.5
0.723		
## 2475	3.5	3.5
0.722		
## 2476	3.5	3.5
0.719		
## 2477	3.5	3.4

0.708		
## 2478	3.5	3.4
0.704		
## 2479	3.5	3.4
0.700		
## 2480	3.5	3.4
0.696		
## 2481	3.5	3.4
0.691		
## 2482	3.5	3.4
0.684		
## 2483	3.5	3.4
0.678		
## 2484	3.5	3.4
0.672		
## 2485	3.5	3.5
0.000		
## 2486	3.5	3.5
0.000		
## 2487	3.5	3.5
0.000		
## 2488	3.6	3.5
0.000		
## 2489	3.6	3.6
0.000		
## 2490	4.0	4.1
0.541		
## 2491	4.3	4.3
0.541		
## 2492	4.5	4.6
0.539		
## 2493	4.8	4.9
0.534		
## 2494	5.1	5.2
0.526		
## 2495	5.4	5.6
0.523		
## 2496	5.8	5.9
0.519		
## 2497	6.1	6.3
0.514		
## 2498	6.5	6.7
0.508		
## 2499	6.9	7.1
0.502		
## 2500	7.3	7.5
0.495		
## 2501	7.7	7.9
0.492		
## 2502	8.2	8.4

0.493		
## 2503	8.6	8.8
0.502		
## 2504	9.0	9.2
0.506		
## 2505	9.4	9.6
0.516		
## 2506	1.5	1.4
0.909		
## 2507	1.5	1.3
0.906		
## 2508	1.4	1.3
0.904		
## 2509	1.4	1.3
0.903		
## 2510	1.4	1.3
0.901		
## 2511	1.3	1.3
0.895		
## 2512	1.3	1.3
0.898		
## 2513	1.3	1.3
0.897		
## 2514	1.3	1.3
0.895		
## 2515	1.3	1.3
0.892		
## 2516	1.3	1.3
0.890		
## 2517	1.3	1.3
0.888		
## 2518	1.3	1.3
0.882		
## 2519	1.3	1.3
0.880		
## 2520	1.3	1.3
0.877		
## 2521	1.4	1.3
0.873		
## 2522	0.4	0.3
0.938		
## 2523	0.4	0.3
0.936		
## 2524	0.4	0.3
0.934		
## 2525	0.5	0.3
0.932		
## 2526	0.5	0.3
0.932		
## 2527	0.5	0.4

0.920		
## 2528	0.5	0.4
0.916		
## 2529	0.5	0.4
0.914		
## 2530	0.5	0.4
0.911		
## 2531	0.6	0.4
0.904		
## 2532	0.6	0.4
0.899		
## 2533	0.6	0.4
0.895		
## 2534	0.6	0.5
0.889		
## 2535	0.6	0.5
0.890		
## 2536	0.7	0.5
0.888		
## 2537	0.7	0.5
0.879		
## 2538	6.3	6.1
0.553		
## 2539	6.3	6.1
0.575		
## 2540	6.3	6.1
0.635		
## 2541	6.3	6.1
0.645		
## 2542	6.3	6.1
0.646		
## 2543	6.4	6.1
0.650		
## 2544	6.4	6.2
0.648		
## 2545	6.4	6.2
0.651		
## 2546	6.4	6.2
0.644		
## 2547	6.4	6.3
0.636		
## 2548	6.5	6.3
0.624		
## 2549	6.5	6.3
0.610		
## 2550	6.6	6.4
0.599		
## 2551	6.6	6.5
0.596		
## 2552	6.7	6.5

0.589		
## 2553	6.8	6.6
0.588		
## 2554	3.6	3.7
0.625		
## 2555	3.6	3.7
0.622		
## 2556	3.6	3.7
0.617		
## 2557	3.6	3.7
0.613		
## 2558	3.7	3.7
0.608		
## 2559	3.7	3.8
0.603		
## 2560	3.7	3.8
0.601		
## 2561	3.8	3.8
0.592		
## 2562	3.8	3.8
0.586		
## 2563	3.8	3.9
0.579		
## 2564	3.8	3.9
0.572		
## 2565	3.9	3.9
0.563		
## 2566	4.0	4.0
0.553		
## 2567	4.0	4.0
0.543		
## 2568	4.1	4.1
0.535		
## 2569	4.2	4.1
0.529		
## 2570	7.7	7.7
0.738		
## 2571	7.8	7.8
0.737		
## 2572	7.9	7.9
0.733		
## 2573	8.0	8.1
0.729		
## 2574	8.1	8.2
0.720		
## 2575	8.2	8.3
0.711		
## 2576	8.3	8.5
0.706		
## 2577	8.5	8.6

0.700		
## 2578	8.6	8.8
0.687		
## 2579	8.7	8.9
0.686		
## 2580	8.9	9.1
0.682		
## 2581	9.0	9.2
0.674		
## 2582	9.1	9.3
0.666		
## 2583	9.2	9.5
0.657		
## 2584	9.3	9.6
0.649		
## 2585	9.4	9.7
0.640		
## 2586	2.1	2.1
0.746		
## 2587	2.2	2.2
0.743		
## 2588	2.2	2.2
0.741		
## 2589	2.2	2.2
0.739		
## 2590	2.2	2.3
0.735		
## 2591	2.3	2.3
0.732		
## 2592	2.3	2.4
0.730		
## 2593	2.4	2.4
0.714		
## 2594	2.4	2.5
0.709		
## 2595	2.5	2.5
0.703		
## 2596	2.5	2.6
0.000		
## 2597	2.6	2.6
0.000		
## 2598	2.7	2.7
0.000		
## 2599	2.7	2.7
0.000		
## 2600	2.8	2.8
0.000		
## 2601	2.8	2.8
0.000		
## 2602	1.9	11.1

0.603		
## 2603	1.9	11.1
0.612		
## 2604	11.1	11.2
0.620		
## 2605	11.2	11.3
0.618		
## 2606	11.3	11.4
0.607		
## 2607	11.5	11.5
0.599		
## 2608	11.6	11.6
0.599		
## 2609	11.7	11.7
0.566		
## 2610	11.8	11.8
0.541		
## 2611	11.9	11.9
0.511		
## 2612	12.0	11.9
0.492		
## 2613	12.0	12.0
0.484		
## 2614	12.1	12.1
0.485		
## 2615	12.1	12.1
0.475		
## 2616	12.1	12.2
0.470		
## 2617	12.2	12.2
0.000		
## 2618	6.5	6.2
0.484		
## 2619	6.6	6.4
0.475		
## 2620	6.8	6.6
0.470		
## 2621	7.0	6.8
0.464		
## 2622	7.1	7.0
0.457		
## 2623	7.3	7.2
0.449		
## 2624	7.5	7.4
0.442		
## 2625	7.7	7.6
0.441		
## 2626	7.9	7.8
0.443		
## 2627	8.1	8.0

0.436		
## 2628	8.4	8.3
0.435		
## 2629	8.6	8.5
0.432		
## 2630	8.8	8.7
0.428		
## 2631	9.0	8.9
0.428		
## 2632	9.2	9.1
0.426		
## 2633	9.4	9.3
0.425		
## 2634	0.1	0.1
0.718		
## 2635	0.1	0.1
0.716		
## 2636	0.1	0.1
0.718		
## 2637	0.1	0.1
0.717		
## 2638	0.1	0.1
0.712		
## 2639	0.1	0.1
0.707		
## 2640	0.1	0.1
0.703		
## 2641	0.1	0.1
0.698		
## 2642	0.1	0.1
0.698		
## 2643	0.1	0.1
0.695		
## 2644	0.1	0.1
0.694		
## 2645	0.1	0.1
0.693		
## 2646	0.1	0.1
0.683		
## 2647	0.1	0.1
0.679		
## 2648	0.1	0.1
0.674		
## 2649	0.1	0.1
0.676		
## 2650	5.7	5.9
0.779		
## 2651	5.8	6.0
0.778		
## 2652	5.8	6.0

0.773		
## 2653	5.9	6.1
0.772		
## 2654	5.9	6.2
0.774		
## 2655	5.9	6.3
0.772		
## 2656	6.0	6.4
0.773		
## 2657	6.1	6.4
0.767		
## 2658	6.1	6.5
0.760		
## 2659	6.2	6.6
0.751		
## 2660	6.3	6.7
0.745		
## 2661	6.3	6.8
0.736		
## 2662	6.4	6.9
0.729		
## 2663	6.5	7.0
0.721		
## 2664	6.6	7.1
0.715		
## 2665	6.7	7.2
0.709		
## 2666	6.5	6.4
0.723		
## 2667	6.5	6.4
0.722		
## 2668	6.4	6.3
0.720		
## 2669	6.4	6.3
0.717		
## 2670	6.4	6.3
0.714		
## 2671	6.3	6.3
0.710		
## 2672	6.3	6.3
0.706		
## 2673	6.3	6.3
0.701		
## 2674	6.3	6.3
0.695		
## 2675	6.3	6.3
0.689		
## 2676	6.4	6.3
0.683		
## 2677	6.4	6.3

0.673		
## 2678	6.4	6.3
0.667		
## 2679	6.5	6.4
0.662		
## 2680	6.5	6.4
0.654		
## 2681	6.6	6.5
0.646		
## 2682	4.9	4.8
0.764		
## 2683	4.9	4.7
0.759		
## 2684	4.9	4.7
0.754		
## 2685	4.9	4.7
0.750		
## 2686	4.9	4.7
0.737		
## 2687	4.9	4.7
0.715		
## 2688	4.9	4.8
0.709		
## 2689	5.0	4.8
0.705		
## 2690	5.0	4.8
0.697		
## 2691	5.0	4.8
0.687		
## 2692	5.0	4.9
0.681		
## 2693	5.1	4.9
0.675		
## 2694	5.1	5.0
0.668		
## 2695	5.2	5.0
0.658		
## 2696	5.2	5.1
0.653		
## 2697	5.3	5.2
0.641		
## 2698	3.3	3.3
0.688		
## 2699	3.3	3.3
0.683		
## 2700	3.2	3.3
0.678		
## 2701	3.2	3.3
0.672		
## 2702	3.2	3.3

0.665		
## 2703	3.2	3.3
0.000		
## 2704	3.2	3.3
0.000		
## 2705	3.2	3.3
0.000		
## 2706	3.3	3.3
0.000		
## 2707	3.3	3.3
0.000		
## 2708	3.4	3.4
0.000		
## 2709	3.4	3.4
0.000		
## 2710	3.5	3.4
0.000		
## 2711	3.5	3.5
0.000		
## 2712	3.6	3.5
0.000		
## 2713	3.6	3.6
0.000		
## 2714	0.2	0.1
NA		
## 2715	5.6	5.6
0.488		
## 2716	5.7	5.6
0.483		
## 2717	5.7	5.7
0.478		
## 2718	5.8	5.8
0.477		
## 2719	5.9	5.9
0.477		
## 2720	6.0	6.0
0.473		
## 2721	6.1	6.1
0.464		
## 2722	6.2	6.2
0.453		
## 2723	6.3	6.3
0.442		
## 2724	6.4	6.4
0.434		
## 2725	6.5	6.5
0.429		
## 2726	6.6	6.6
0.427		
## 2727	6.7	6.7

0.418		
## 2728	6.8	6.8
0.404		
## 2729	6.9	6.9
0.396		
## 2730	7.0	7.0
0.382		
## 2731	2.3	2.4
0.748		
## 2732	2.3	2.4
0.746		
## 2733	2.3	2.4
0.744		
## 2734	2.4	2.4
0.739		
## 2735	2.4	2.5
0.734		
## 2736	2.4	2.5
0.728		
## 2737	2.5	2.6
0.734		
## 2738	2.5	2.6
0.730		
## 2739	2.5	2.7
0.723		
## 2740	2.6	2.7
0.716		
## 2741	2.7	2.8
0.707		
## 2742	2.7	2.8
0.700		
## 2743	2.8	2.9
0.691		
## 2744	2.9	3.0
0.683		
## 2745	2.9	3.0
0.673		
## 2746	3.0	3.1
0.669		
## 2747	5.3	5.1
0.836		
## 2748	5.2	5.0
0.832		
## 2749	5.2	5.0
0.829		
## 2750	5.1	5.0
0.826		
## 2751	5.1	4.9
0.824		
## 2752	5.1	4.9

0.826		
## 2753	5.1	4.9
0.831		
## 2754	5.1	4.9
0.829		
## 2755	5.1	4.9
0.826		
## 2756	5.1	4.9
0.823		
## 2757	5.1	4.9
0.818		
## 2758	5.2	4.9
0.813		
## 2759	5.2	5.0
0.808		
## 2760	5.3	5.0
0.803		
## 2761	5.3	5.1
0.798		
## 2762	5.4	5.1
0.791		
## 2763	0.8	0.6
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## 2764	0.8	0.5
NA		
## 2765	0.8	0.5
NA		
## 2766	0.8	0.5
NA		
## 2767	0.8	0.5
NA		
## 2768	0.8	0.5
NA		
## 2769	0.8	0.5
NA		
## 2770	0.8	0.5
NA		
## 2771	0.7	0.5
NA		
## 2772	0.7	0.5
NA		
## 2773	0.7	0.5
NA		
## 2774	0.7	0.5
NA		
## 2775	0.7	0.5
NA		
## 2776	0.7	0.5
NA		
## 2777	0.7	0.5

NA		
## 2778	0.7	0.5
NA		
## 2779	6.7	6.5
NA		
## 2780	6.8	6.6
NA		
## 2781	6.8	6.7
NA		
## 2782	6.9	6.8
NA		
## 2783	7.0	6.9
NA		
## 2784	7.1	7.1
NA		
## 2785	7.2	7.2
NA		
## 2786	7.3	7.3
NA		
## 2787	7.5	7.4
NA		
## 2788	7.6	7.5
NA		
## 2789	7.7	7.6
NA		
## 2790	7.8	7.8
NA		
## 2791	7.9	7.9
NA		
## 2792	8.0	8.0
NA		
## 2793	8.2	8.1
NA		
## 2794	8.3	8.3
NA		
## 2795	0.8	0.6
NA		
## 2796	0.8	0.6
NA		
## 2797	0.7	0.6
NA		
## 2798	0.7	0.6
NA		
## 2799	0.7	0.6
NA		
## 2800	0.7	0.6
NA		
## 2801	0.7	0.6
NA		
## 2802	0.7	0.6

NA		
## 2803	0.7	0.6
NA		
## 2804	0.7	0.6
NA		
## 2805	0.7	0.6
NA		
## 2806	0.7	0.6
NA		
## 2807	0.7	0.6
NA		
## 2808	0.8	0.6
NA		
## 2809	0.8	0.6
NA		
## 2810	0.8	0.7
NA		
## 2811	1.5	1.4
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## 2812	1.5	1.4
0.791		
## 2813	1.5	1.4
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## 2814	1.5	1.5
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## 2815	1.5	1.5
0.780		
## 2816	1.5	1.5
0.777		
## 2817	1.5	1.5
0.774		
## 2818	1.6	1.5
0.770		
## 2819	1.6	1.5
0.760		
## 2820	1.6	1.6
0.756		
## 2821	1.6	1.6
0.753		
## 2822	1.7	1.6
0.750		
## 2823	1.7	1.6
0.747		
## 2824	1.7	1.7
0.746		
## 2825	1.8	1.7
0.742		
## 2826	1.8	1.7
0.738		
## 2827	3.0	3.1

0.697		
## 2828	3.0	3.1
0.690		
## 2829	3.0	3.1
0.681		
## 2830	3.0	3.1
0.673		
## 2831	3.0	3.1
0.664		
## 2832	3.0	3.1
0.657		
## 2833	3.1	3.1
0.651		
## 2834	3.1	3.1
0.644		
## 2835	3.1	3.1
0.631		
## 2836	3.2	3.2
0.626		
## 2837	3.2	3.2
0.620		
## 2838	3.2	3.2
0.613		
## 2839	3.3	3.3
0.607		
## 2840	3.3	3.3
0.600		
## 2841	3.4	3.3
0.594		
## 2842	3.4	3.4
0.000		
## 2843	1.5	1.4
0.598		
## 2844	1.5	1.4
0.596		
## 2845	1.5	1.4
0.591		
## 2846	1.5	1.4
0.592		
## 2847	1.5	1.4
0.591		
## 2848	1.5	1.4
0.590		
## 2849	1.5	1.5
0.589		
## 2850	1.5	1.5
0.582		
## 2851	1.6	1.5
0.579		
## 2852	1.6	1.5

0.572		
## 2853	1.6	1.5
0.000		
## 2854	1.6	1.5
0.000		
## 2855	1.6	1.6
0.000		
## 2856	1.7	1.6
0.000		
## 2857	1.7	1.6
0.000		
## 2858	1.7	1.7
0.000		
## 2859	1.6	1.5
0.769		
## 2860	1.6	1.5
0.771		
## 2861	1.6	1.5
0.770		
## 2862	1.6	1.5
0.767		
## 2863	1.6	1.5
0.756		
## 2864	1.6	1.5
0.754		
## 2865	1.6	1.5
0.754		
## 2866	1.6	1.5
0.745		
## 2867	1.6	1.5
0.728		
## 2868	1.6	1.6
0.714		
## 2869	1.7	1.6
0.700		
## 2870	1.7	1.6
0.687		
## 2871	1.7	1.6
0.688		
## 2872	1.7	1.7
0.684		
## 2873	1.8	1.7
0.672		
## 2874	1.8	1.7
0.670		
## 2875	14.2	14.5
0.678		
## 2876	14.3	14.7
0.675		
## 2877	14.3	14.9

0.668		
## 2878	14.4	15.0
0.662		
## 2879	14.4	15.2
0.655		
## 2880	14.5	15.4
0.647		
## 2881	14.6	15.5
0.641		
## 2882	14.7	15.7
0.633		
## 2883	14.9	15.8
0.625		
## 2884	15.1	15.9
0.618		
## 2885	15.3	16.0
0.609		
## 2886	15.4	16.1
0.601		
## 2887	15.6	16.2
0.592		
## 2888	15.6	16.3
0.584		
## 2889	15.7	16.4
0.576		
## 2890	15.8	16.4
0.569		
## 2891	13.6	13.4
0.499		
## 2892	13.7	13.5
0.500		
## 2893	13.7	13.5
0.498		
## 2894	13.7	13.6
0.494		
## 2895	13.7	13.6
0.493		
## 2896	13.7	13.7
0.488		
## 2897	13.8	13.7
0.483		
## 2898	13.8	13.7
0.480		
## 2899	13.8	13.8
0.477		
## 2900	13.9	13.8
0.475		
## 2901	13.9	13.8
0.470		
## 2902	13.9	13.9

0.464		
## 2903	14.0	13.9
0.457		
## 2904	14.0	14.0
0.450		
## 2905	14.0	14.0
0.444		
## 2906	14.1	14.1
0.436		
## 2907	6.3	6.1
0.576		
## 2908	6.3	6.2
0.570		
## 2909	6.4	6.2
0.565		
## 2910	6.5	6.3
0.554		
## 2911	6.6	6.4
0.543		
## 2912	6.7	6.5
0.533		
## 2913	6.7	6.6
0.518		
## 2914	6.8	6.7
0.504		
## 2915	6.9	6.8
0.492		
## 2916	7.0	6.9
0.479		
## 2917	7.1	7.0
0.467		
## 2918	7.2	7.1
0.456		
## 2919	7.3	7.2
0.443		
## 2920	7.4	7.3
0.433		
## 2921	7.4	7.4
0.424		
## 2922	7.5	7.5
0.418		
## 2923	5.6	5.5
0.507		
## 2924	5.9	5.7
0.498		
## 2925	6.2	6.0
0.488		
## 2926	6.5	6.4
0.464		
## 2927	6.8	6.7

0.452		
## 2928	7.1	7.0
0.436		
## 2929	7.5	7.4
0.419		
## 2930	7.8	7.8
0.421		
## 2931	8.2	8.2
0.414		
## 2932	8.6	8.6
0.408		
## 2933	9.0	9.0
0.406		
## 2934	9.4	9.4
0.407		
## 2935	9.8	9.9
0.418		
## 2936	1.2	1.3
0.427		
## 2937	1.6	1.7
0.427		
## 2938	11.0	11.2
0.434		

##	Schooling
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## 1	10.1
## 2	10.0
## 3	9.9
## 4	9.8
## 5	9.5
## 6	9.2
## 7	8.9
## 8	8.7
## 9	8.4
## 10	8.1
## 11	7.9
## 12	6.8
## 13	6.5
## 14	6.2
## 15	5.9
## 16	5.5
## 17	14.2
## 18	14.2
## 19	14.2
## 20	14.2
## 21	13.3
## 22	12.5
## 23	12.2
## 24	12.0
## 25	11.6
## 26	11.4

## 27	10.8
## 28	10.9
## 29	10.7
## 30	10.7
## 31	10.6
## 32	10.7
## 33	14.4
## 34	14.4
## 35	14.4
## 36	14.4
## 37	14.0
## 38	13.6
## 39	13.1
## 40	12.6
## 41	12.3
## 42	12.3
## 43	12.0
## 44	11.7
## 45	11.5
## 46	11.1
## 47	10.9
## 48	10.7
## 49	11.4
## 50	11.4
## 51	11.4
## 52	10.3
## 53	9.4
## 54	9.0
## 55	8.5
## 56	8.1
## 57	7.7
## 58	7.2
## 59	6.8
## 60	6.4
## 61	5.9
## 62	5.5
## 63	5.1
## 64	4.6
## 65	13.9
## 66	13.9
## 67	13.9
## 68	13.8
## 69	14.1
## 70	14.1
## 71	14.2
## 72	14.4
## 73	14.5
## 74	14.7
## 75	0.0
## 76	0.0

## 77	0.0
## 78	0.0
## 79	0.0
## 80	0.0
## 81	17.3
## 82	17.3
## 83	17.3
## 84	17.2
## 85	17.1
## 86	16.8
## 87	16.5
## 88	16.3
## 89	16.3
## 90	16.1
## 91	16.3
## 92	16.3
## 93	16.4
## 94	16.3
## 95	15.6
## 96	15.0
## 97	12.7
## 98	12.7
## 99	12.7
## 100	12.7
## 101	12.7
## 102	12.3
## 103	11.9
## 104	12.3
## 105	11.7
## 106	11.2
## 107	10.9
## 108	10.9
## 109	10.8
## 110	10.8
## 111	11.1
## 112	11.2
## 113	20.4
## 114	20.4
## 115	20.3
## 116	20.1
## 117	19.8
## 118	19.5
## 119	19.1
## 120	19.1
## 121	19.0
## 122	20.3
## 123	20.3
## 124	20.7
## 125	20.6
## 126	20.1

## 127	20.5
## 128	20.4
## 129	15.9
## 130	15.9
## 131	15.7
## 132	15.7
## 133	15.7
## 134	15.4
## 135	15.3
## 136	15.1
## 137	15.2
## 138	15.0
## 139	14.9
## 140	14.7
## 141	14.7
## 142	16.1
## 143	15.5
## 144	15.4
## 145	12.7
## 146	12.2
## 147	11.9
## 148	11.8
## 149	11.7
## 150	11.7
## 151	11.6
## 152	11.6
## 153	11.6
## 154	10.7
## 155	11.2
## 156	11.0
## 157	10.8
## 158	10.6
## 159	10.4
## 160	10.1
## 161	12.6
## 162	12.6
## 163	12.6
## 164	12.6
## 165	12.6
## 166	12.6
## 167	12.6
## 168	12.6
## 169	12.5
## 170	12.4
## 171	12.4
## 172	12.3
## 173	12.2
## 174	12.1
## 175	12.1
## 176	12.0

## 177	14.5
## 178	14.5
## 179	14.5
## 180	14.5
## 181	14.4
## 182	14.4
## 183	14.4
## 184	14.4
## 185	14.4
## 186	14.2
## 187	14.0
## 188	13.9
## 189	13.7
## 190	13.5
## 191	13.3
## 192	13.2
## 193	10.2
## 194	10.0
## 195	10.0
## 196	9.9
## 197	9.4
## 198	8.9
## 199	8.4
## 200	8.6
## 201	8.6
## 202	8.4
## 203	8.2
## 204	8.1
## 205	7.9
## 206	7.7
## 207	7.5
## 208	7.3
## 209	15.3
## 210	15.3
## 211	15.3
## 212	15.3
## 213	15.5
## 214	15.8
## 215	15.5
## 216	15.3
## 217	15.0
## 218	14.8
## 219	14.6
## 220	14.4
## 221	14.2
## 222	14.0
## 223	14.0
## 224	14.0
## 225	15.6
## 226	15.7

## 227	15.7
## 228	15.6
## 229	15.5
## 230	15.5
## 231	15.4
## 232	15.1
## 233	14.9
## 234	14.6
## 235	14.4
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## 1206	12.6
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## 1213	11.1
## 1214	11.0
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## 1216	10.6
## 1217	10.6
## 1218	10.7
## 1219	14.8
## 1220	14.9
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## 1223	13.1
## 1224	12.9
## 1225	12.8
## 1226	12.1

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## 1233	11.6
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## 1241	10.3
## 1242	10.3
## 1243	10.2
## 1244	10.2
## 1245	10.1
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## 1259	17.6
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## 1263	16.8
## 1264	16.5
## 1265	16.4
## 1266	16.2
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## 1273	15.6
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## 1275	15.7
## 1276	15.7

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## 1349	15.0
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## 1366	11.1
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## 1375	8.2
## 1376	8.5

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## 1385	11.9
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## 1389	12.2
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## 1442	8.0
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## 1447	15.8
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## 1455	15.2
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## 1462	13.3
## 1463	13.2
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## 1469	13.7
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## 1471	14.8
## 1472	15.2
## 1473	15.0
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## 1475	10.7
## 1476	10.8

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## 1479	11.0
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## 1484	10.7
## 1485	10.7
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## 1492	9.9
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## 1494	9.6
## 1495	9.5
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## 1498	9.8
## 1499	9.9
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## 1509	13.4
## 1510	13.7
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## 1522	15.5
## 1523	16.5
## 1524	16.5
## 1525	16.4
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## 1535	15.8
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## 1537	14.7
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## 1552	13.5
## 1553	13.4
## 1554	13.5
## 1555	10.3
## 1556	10.3
## 1557	10.3
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## 1559	10.2
## 1560	10.2
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## 1575	10.6
## 1576	10.2

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## 1579	9.7
## 1580	9.6
## 1581	9.7
## 1582	10.0
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## 1584	10.4
## 1585	10.1
## 1586	10.7
## 1587	13.1
## 1588	13.0
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## 1590	12.9
## 1591	13.0
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## 1593	12.6
## 1594	12.5
## 1595	12.3
## 1596	12.7
## 1597	12.9
## 1598	12.7
## 1599	12.1
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## 1605	12.4
## 1606	12.1
## 1607	11.8
## 1608	11.6
## 1609	11.8
## 1610	11.8
## 1611	11.9
## 1612	12.0
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## 1614	12.2
## 1615	11.8
## 1616	12.0
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## 1618	11.3
## 1619	8.4
## 1620	8.2
## 1621	8.0
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## 1623	7.5
## 1624	7.3
## 1625	7.1
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## 1628	6.1
## 1629	5.8
## 1630	5.5
## 1631	5.2
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## 1633	4.6
## 1634	4.4
## 1635	14.6
## 1636	14.3
## 1637	14.2
## 1638	14.1
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## 1640	14.6
## 1641	14.4
## 1642	14.6
## 1643	14.4
## 1644	14.8
## 1645	14.8
## 1646	14.2
## 1647	13.8
## 1648	13.8
## 1649	13.7
## 1650	13.8
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## 1652	8.5
## 1653	8.5
## 1654	8.2
## 1655	7.8
## 1656	7.7
## 1657	7.6
## 1658	7.1
## 1659	7.2
## 1660	7.4
## 1661	7.2
## 1662	7.2
## 1663	6.7
## 1664	6.6
## 1665	6.5
## 1666	6.5
## 1667	6.4
## 1668	15.2
## 1669	14.7
## 1670	14.7
## 1671	14.3
## 1672	14.1
## 1673	14.0
## 1674	13.8
## 1675	13.6
## 1676	13.5

## 1677	13.4
## 1678	13.0
## 1679	12.8
## 1680	12.6
## 1681	12.5
## 1682	12.2
## 1683	12.1
## 1684	13.3
## 1685	13.1
## 1686	12.9
## 1687	12.7
## 1688	12.6
## 1689	12.5
## 1690	12.5
## 1691	12.3
## 1692	12.3
## 1693	12.2
## 1694	12.2
## 1695	12.1
## 1696	11.9
## 1697	11.6
## 1698	11.6
## 1699	11.4
## 1700	11.7
## 1701	11.7
## 1702	11.7
## 1703	11.7
## 1704	11.7
## 1705	11.5
## 1706	11.4
## 1707	11.2
## 1708	11.0
## 1709	10.9
## 1710	10.7
## 1711	10.5
## 1712	10.4
## 1713	10.2
## 1714	10.1
## 1715	0.0
## 1716	NA
## 1717	14.8
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## 1719	14.7
## 1720	14.7
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## 1722	14.3
## 1723	13.8
## 1724	13.4
## 1725	13.0
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## 1733	15.1
## 1734	15.1
## 1735	15.1
## 1736	15.1
## 1737	15.1
## 1738	15.0
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## 1740	14.2
## 1741	13.6
## 1742	13.2
## 1743	12.8
## 1744	12.6
## 1745	0.0
## 1746	0.0
## 1747	0.0
## 1748	0.0
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## 1750	12.1
## 1751	12.1
## 1752	11.6
## 1753	11.2
## 1754	10.7
## 1755	10.5
## 1756	10.3
## 1757	10.0
## 1758	10.0
## 1759	9.8
## 1760	9.6
## 1761	9.3
## 1762	8.8
## 1763	8.5
## 1764	8.0
## 1765	9.1
## 1766	9.1
## 1767	9.1
## 1768	9.2
## 1769	9.5
## 1770	9.3
## 1771	9.2
## 1772	8.8
## 1773	8.2
## 1774	7.9
## 1775	7.3
## 1776	7.0

## 1777	6.7
## 1778	6.2
## 1779	5.8
## 1780	5.4
## 1781	9.1
## 1782	9.1
## 1783	9.1
## 1784	9.1
## 1785	9.1
## 1786	8.8
## 1787	8.5
## 1788	8.2
## 1789	8.1
## 1790	8.0
## 1791	7.9
## 1792	7.8
## 1793	7.7
## 1794	7.6
## 1795	7.6
## 1796	7.5
## 1797	11.7
## 1798	11.7
## 1799	11.6
## 1800	11.5
## 1801	11.5
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## 1803	11.4
## 1804	11.3
## 1805	11.3
## 1806	11.4
## 1807	11.6
## 1808	11.7
## 1809	11.7
## 1810	11.8
## 1811	11.7
## 1812	11.5
## 1813	9.6
## 1814	12.2
## 1815	12.4
## 1816	12.3
## 1817	12.3
## 1818	12.0
## 1819	11.1
## 1820	10.5
## 1821	10.1
## 1822	10.0
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## 1824	9.4
## 1825	9.3
## 1826	9.2

## 1827	8.6
## 1828	9.0
## 1829	8.9
## 1830	18.1
## 1831	18.1
## 1832	18.1
## 1833	18.1
## 1834	17.2
## 1835	17.0
## 1836	16.9
## 1837	16.8
## 1838	16.6
## 1839	16.5
## 1840	16.4
## 1841	16.5
## 1842	16.5
## 1843	16.9
## 1844	16.7
## 1845	16.5
## 1846	19.2
## 1847	19.2
## 1848	19.3
## 1849	19.5
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## 1851	20.3
## 1852	19.3
## 1853	19.5
## 1854	19.2
## 1855	19.1
## 1856	18.9
## 1857	18.4
## 1858	18.2
## 1859	17.5
## 1860	17.4
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## 1864	11.5
## 1865	11.5
## 1866	11.5
## 1867	11.4
## 1868	11.3
## 1869	11.1
## 1870	11.0
## 1871	11.0
## 1872	11.0
## 1873	11.0
## 1874	11.0
## 1875	10.7
## 1876	10.4

## 1877	10.1
## 1878	5.4
## 1879	5.3
## 1880	5.3
## 1881	5.1
## 1882	4.8
## 1883	4.5
## 1884	4.2
## 1885	4.0
## 1886	3.8
## 1887	3.7
## 1888	3.5
## 1889	3.1
## 1890	3.0
## 1891	2.9
## 1892	2.9
## 1893	2.8
## 1894	10.0
## 1895	10.0
## 1896	9.8
## 1897	9.7
## 1898	9.6
## 1899	9.5
## 1900	9.3
## 1901	9.2
## 1902	9.1
## 1903	9.0
## 1904	8.9
## 1905	8.5
## 1906	8.1
## 1907	7.7
## 1908	8.0
## 1909	7.6
## 1910	NA
## 1911	17.7
## 1912	17.7
## 1913	17.5
## 1914	17.6
## 1915	17.6
## 1916	17.4
## 1917	17.4
## 1918	17.6
## 1919	17.6
## 1920	17.5
## 1921	17.6
## 1922	17.5
## 1923	17.1
## 1924	17.1
## 1925	17.5
## 1926	17.1

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## 1929	13.7
## 1930	13.7
## 1931	13.6
## 1932	13.5
## 1933	12.4
## 1934	11.9
## 1935	11.5
## 1936	11.6
## 1937	11.5
## 1938	11.5
## 1939	11.2
## 1940	11.0
## 1941	10.7
## 1942	10.4
## 1943	8.1
## 1944	7.8
## 1945	7.7
## 1946	7.6
## 1947	7.5
## 1948	7.5
## 1949	7.3
## 1950	7.3
## 1951	6.7
## 1952	6.5
## 1953	6.1
## 1954	5.6
## 1955	5.6
## 1956	5.5
## 1957	5.4
## 1958	5.3
## 1959	14.2
## 1960	13.0
## 1961	13.0
## 1962	12.9
## 1963	12.8
## 1964	12.9
## 1965	12.8
## 1966	12.8
## 1967	12.8
## 1968	12.9
## 1969	12.9
## 1970	12.9
## 1971	12.8
## 1972	12.8
## 1973	12.6
## 1974	12.4
## 1975	12.1
## 1976	10.0

## 1977	10.0
## 1978	10.0
## 1979	9.9
## 1980	9.9
## 1981	9.6
## 1982	9.2
## 1983	8.9
## 1984	8.6
## 1985	8.2
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## 1987	7.6
## 1988	7.2
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## 1990	6.6
## 1991	6.2
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## 1993	12.3
## 1994	12.3
## 1995	12.3
## 1996	12.3
## 1997	12.4
## 1998	12.1
## 1999	11.9
## 2000	12.0
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## 2002	12.3
## 2003	12.1
## 2004	12.7
## 2005	12.2
## 2006	11.8
## 2007	11.6
## 2008	13.4
## 2009	13.4
## 2010	13.4
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## 2013	13.3
## 2014	13.3
## 2015	13.2
## 2016	13.2
## 2017	13.0
## 2018	13.0
## 2019	12.8
## 2020	13.3
## 2021	13.9
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## 2023	13.5
## 2024	11.7
## 2025	11.7
## 2026	11.7

## 2027	11.6
## 2028	11.5
## 2029	11.4
## 2030	11.7
## 2031	11.5
## 2032	11.4
## 2033	11.5
## 2034	11.6
## 2035	11.6
## 2036	11.6
## 2037	11.4
## 2038	11.4
## 2039	11.4
## 2040	16.4
## 2041	16.4
## 2042	15.4
## 2043	15.3
## 2044	15.4
## 2045	15.1
## 2046	15.1
## 2047	15.0
## 2048	15.0
## 2049	15.0
## 2050	14.8
## 2051	15.5
## 2052	15.3
## 2053	15.0
## 2054	14.7
## 2055	14.6
## 2056	16.6
## 2057	16.8
## 2058	16.3
## 2059	16.3
## 2060	16.2
## 2061	16.0
## 2062	16.0
## 2063	15.8
## 2064	15.4
## 2065	15.4
## 2066	15.4
## 2067	15.9
## 2068	15.8
## 2069	15.9
## 2070	15.7
## 2071	15.5
## 2072	13.4
## 2073	13.4
## 2074	13.4
## 2075	13.4
## 2076	12.4

## 2077	12.0
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## 2079	11.7
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## 2082	13.7
## 2083	13.5
## 2084	12.8
## 2085	12.2
## 2086	12.6
## 2087	13.0
## 2088	NA
## 2089	NA
## 2090	NA
## 2091	NA
## 2092	NA
## 2093	NA
## 2094	NA
## 2095	NA
## 2096	NA
## 2097	NA
## 2098	NA
## 2099	NA
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## 2107	NA
## 2108	NA
## 2109	NA
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## 2111	NA
## 2112	NA
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## 2133	12.0
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## 2135	11.5
## 2136	15.0
## 2137	14.9
## 2138	14.6
## 2139	14.3
## 2140	14.0
## 2141	13.7
## 2142	14.0
## 2143	13.9
## 2144	13.8
## 2145	13.8
## 2146	13.7
## 2147	13.6
## 2148	13.2
## 2149	12.8
## 2150	12.5
## 2151	12.1
## 2152	10.8
## 2153	10.8
## 2154	10.8
## 2155	10.5
## 2156	10.2
## 2157	10.0
## 2158	10.2
## 2159	10.4
## 2160	10.1
## 2161	9.3
## 2162	8.8
## 2163	8.2
## 2164	7.6
## 2165	7.2
## 2166	7.1
## 2167	6.6
## 2168	13.4
## 2169	13.1
## 2170	13.1
## 2171	13.1
## 2172	13.0
## 2173	12.9
## 2174	12.8
## 2175	12.7
## 2176	12.6

## 2177	12.8
## 2178	12.4
## 2179	12.2
## 2180	12.3
## 2181	12.4
## 2182	12.5
## 2183	12.6
## 2184	12.8
## 2185	13.3
## 2186	13.3
## 2187	13.3
## 2188	13.3
## 2189	13.3
## 2190	13.3
## 2191	13.3
## 2192	13.3
## 2193	13.3
## 2194	13.3
## 2195	13.3
## 2196	13.2
## 2197	13.0
## 2198	12.9
## 2199	12.8
## 2200	12.7
## 2201	12.9
## 2202	12.9
## 2203	12.9
## 2204	12.9
## 2205	12.9
## 2206	12.9
## 2207	12.9
## 2208	12.9
## 2209	12.9
## 2210	12.7
## 2211	12.6
## 2212	12.4
## 2213	12.3
## 2214	12.1
## 2215	12.0
## 2216	12.1
## 2217	15.1
## 2218	11.2
## 2219	11.1
## 2220	11.0
## 2221	10.8
## 2222	10.6
## 2223	10.6
## 2224	10.1
## 2225	10.4
## 2226	10.3

## 2227	10.2
## 2228	10.0
## 2229	9.8
## 2230	9.7
## 2231	9.6
## 2232	9.4
## 2233	9.3
## 2234	16.1
## 2235	15.8
## 2236	15.2
## 2237	14.5
## 2238	13.9
## 2239	13.3
## 2240	13.0
## 2241	12.8
## 2242	12.7
## 2243	12.5
## 2244	12.4
## 2245	12.3
## 2246	12.2
## 2247	12.1
## 2248	12.0
## 2249	11.8
## 2250	9.5
## 2251	9.1
## 2252	8.7
## 2253	8.3
## 2254	7.9
## 2255	7.7
## 2256	7.5
## 2257	7.1
## 2258	6.8
## 2259	6.6
## 2260	6.4
## 2261	6.2
## 2262	5.9
## 2263	5.7
## 2264	5.4
## 2265	5.2
## 2266	14.4
## 2267	14.3
## 2268	14.1
## 2269	14.0
## 2270	13.5
## 2271	13.6
## 2272	13.6
## 2273	13.5
## 2274	13.5
## 2275	13.4
## 2276	13.2

## 2277	13.1
## 2278	13.0
## 2279	13.2
## 2280	13.1
## 2281	13.0
## 2282	14.1
## 2283	13.2
## 2284	13.5
## 2285	13.5
## 2286	13.3
## 2287	13.2
## 2288	13.2
## 2289	13.2
## 2290	13.1
## 2291	13.1
## 2292	12.1
## 2293	12.3
## 2294	12.1
## 2295	12.1
## 2296	12.2
## 2297	12.3
## 2298	9.5
## 2299	9.5
## 2300	9.3
## 2301	9.1
## 2302	8.9
## 2303	8.7
## 2304	8.5
## 2305	8.3
## 2306	8.2
## 2307	8.0
## 2308	7.8
## 2309	7.6
## 2310	7.4
## 2311	7.2
## 2312	7.0
## 2313	6.7
## 2314	15.4
## 2315	15.4
## 2316	15.4
## 2317	15.4
## 2318	15.2
## 2319	14.5
## 2320	14.4
## 2321	14.2
## 2322	14.1
## 2323	13.9
## 2324	12.6
## 2325	12.7
## 2326	12.7

## 2327	12.6
## 2328	12.7
## 2329	12.5
## 2330	15.0
## 2331	15.1
## 2332	15.0
## 2333	15.0
## 2334	15.0
## 2335	15.0
## 2336	14.9
## 2337	14.8
## 2338	14.5
## 2339	14.3
## 2340	14.0
## 2341	13.8
## 2342	13.6
## 2343	13.3
## 2344	13.3
## 2345	13.0
## 2346	17.3
## 2347	17.6
## 2348	16.8
## 2349	16.8
## 2350	17.0
## 2351	16.9
## 2352	16.9
## 2353	16.9
## 2354	16.8
## 2355	16.7
## 2356	16.3
## 2357	16.6
## 2358	16.1
## 2359	15.6
## 2360	14.7
## 2361	14.6
## 2362	9.6
## 2363	9.6
## 2364	9.5
## 2365	9.4
## 2366	9.4
## 2367	9.3
## 2368	9.3
## 2369	9.2
## 2370	9.0
## 2371	8.4
## 2372	8.3
## 2373	8.1
## 2374	8.0
## 2375	7.3
## 2376	6.6

## 2377	7.2
## 2378	NA
## 2379	NA
## 2380	NA
## 2381	NA
## 2382	NA
## 2383	NA
## 2384	NA
## 2385	NA
## 2386	NA
## 2387	NA
## 2388	NA
## 2389	NA
## 2390	NA
## 2391	NA
## 2392	NA
## 2393	NA
## 2394	13.0
## 2395	13.0
## 2396	12.8
## 2397	12.8
## 2398	12.8
## 2399	12.8
## 2400	12.8
## 2401	12.9
## 2402	12.9
## 2403	12.9
## 2404	12.9
## 2405	12.9
## 2406	12.9
## 2407	12.9
## 2408	13.0
## 2409	13.0
## 2410	4.9
## 2411	4.9
## 2412	4.9
## 2413	4.9
## 2414	4.9
## 2415	0.0
## 2416	0.0
## 2417	0.0
## 2418	0.0
## 2419	0.0
## 2420	0.0
## 2421	0.0
## 2422	0.0
## 2423	0.0
## 2424	0.0
## 2425	0.0
## 2426	17.7

## 2427	17.6
## 2428	17.5
## 2429	17.2
## 2430	16.9
## 2431	16.4
## 2432	16.3
## 2433	16.1
## 2434	16.0
## 2435	15.9
## 2436	15.8
## 2437	15.6
## 2438	15.6
## 2439	15.7
## 2440	15.7
## 2441	15.7
## 2442	14.0
## 2443	14.0
## 2444	13.8
## 2445	13.7
## 2446	13.6
## 2447	13.5
## 2448	13.4
## 2449	13.3
## 2450	13.2
## 2451	13.1
## 2452	12.9
## 2453	12.8
## 2454	12.7
## 2455	12.6
## 2456	12.5
## 2457	12.4
## 2458	7.2
## 2459	7.2
## 2460	7.0
## 2461	6.8
## 2462	7.0
## 2463	7.0
## 2464	6.8
## 2465	6.3
## 2466	6.4
## 2467	6.2
## 2468	6.1
## 2469	5.7
## 2470	5.6
## 2471	5.6
## 2472	5.6
## 2473	5.5
## 2474	12.7
## 2475	12.7
## 2476	12.7

## 2477	12.7
## 2478	12.5
## 2479	12.3
## 2480	12.1
## 2481	11.9
## 2482	11.7
## 2483	11.5
## 2484	11.3
## 2485	11.1
## 2486	10.9
## 2487	11.0
## 2488	11.0
## 2489	11.1
## 2490	11.4
## 2491	11.4
## 2492	11.4
## 2493	11.3
## 2494	11.2
## 2495	11.0
## 2496	10.8
## 2497	10.6
## 2498	10.5
## 2499	9.9
## 2500	9.7
## 2501	9.4
## 2502	9.1
## 2503	9.2
## 2504	9.3
## 2505	9.4
## 2506	15.9
## 2507	15.8
## 2508	15.8
## 2509	15.8
## 2510	16.0
## 2511	15.8
## 2512	15.8
## 2513	15.7
## 2514	15.8
## 2515	15.9
## 2516	16.0
## 2517	16.0
## 2518	15.9
## 2519	15.9
## 2520	15.9
## 2521	15.9
## 2522	16.0
## 2523	15.9
## 2524	15.8
## 2525	15.7
## 2526	15.6

## 2527	15.4
## 2528	15.3
## 2529	15.3
## 2530	15.3
## 2531	15.2
## 2532	15.2
## 2533	15.1
## 2534	15.0
## 2535	15.2
## 2536	15.2
## 2537	15.1
## 2538	9.0
## 2539	9.0
## 2540	13.0
## 2541	12.5
## 2542	12.0
## 2543	11.7
## 2544	11.8
## 2545	11.6
## 2546	11.5
## 2547	11.4
## 2548	11.0
## 2549	10.6
## 2550	10.3
## 2551	10.2
## 2552	10.1
## 2553	10.0
## 2554	11.3
## 2555	11.3
## 2556	11.2
## 2557	11.1
## 2558	11.1
## 2559	11.1
## 2560	11.1
## 2561	10.8
## 2562	10.9
## 2563	10.7
## 2564	10.6
## 2565	10.5
## 2566	10.1
## 2567	9.8
## 2568	9.7
## 2569	9.6
## 2570	13.6
## 2571	13.6
## 2572	13.6
## 2573	13.7
## 2574	13.3
## 2575	13.1
## 2576	13.0

## 2577	12.9
## 2578	12.3
## 2579	12.4
## 2580	12.0
## 2581	11.9
## 2582	11.8
## 2583	11.5
## 2584	11.2
## 2585	10.9
## 2586	12.9
## 2587	12.9
## 2588	12.9
## 2589	12.9
## 2590	12.9
## 2591	13.0
## 2592	13.0
## 2593	12.2
## 2594	12.2
## 2595	12.1
## 2596	11.9
## 2597	11.9
## 2598	11.9
## 2599	11.9
## 2600	11.8
## 2601	11.7
## 2602	12.5
## 2603	12.5
## 2604	12.5
## 2605	12.5
## 2606	12.5
## 2607	12.4
## 2608	12.1
## 2609	11.7
## 2610	11.3
## 2611	11.0
## 2612	10.6
## 2613	10.2
## 2614	9.8
## 2615	9.8
## 2616	9.8
## 2617	0.0
## 2618	12.0
## 2619	12.0
## 2620	12.0
## 2621	12.0
## 2622	11.5
## 2623	11.0
## 2624	10.6
## 2625	10.1
## 2626	10.6

## 2627	10.2
## 2628	10.1
## 2629	10.0
## 2630	9.9
## 2631	9.7
## 2632	9.4
## 2633	9.3
## 2634	14.3
## 2635	14.3
## 2636	14.3
## 2637	14.4
## 2638	14.4
## 2639	14.4
## 2640	14.5
## 2641	14.5
## 2642	14.5
## 2643	14.6
## 2644	14.6
## 2645	14.6
## 2646	13.7
## 2647	13.5
## 2648	13.2
## 2649	13.7
## 2650	12.7
## 2651	12.7
## 2652	12.7
## 2653	12.6
## 2654	12.6
## 2655	12.5
## 2656	12.5
## 2657	12.4
## 2658	12.4
## 2659	12.3
## 2660	12.3
## 2661	12.2
## 2662	12.0
## 2663	11.9
## 2664	11.8
## 2665	11.7
## 2666	14.6
## 2667	14.7
## 2668	14.7
## 2669	14.6
## 2670	14.5
## 2671	14.4
## 2672	14.4
## 2673	14.3
## 2674	14.3
## 2675	14.2
## 2676	13.9

## 2677	13.6
## 2678	13.5
## 2679	13.3
## 2680	13.1
## 2681	12.8
## 2682	14.5
## 2683	14.5
## 2684	14.4
## 2685	14.3
## 2686	13.8
## 2687	13.0
## 2688	12.5
## 2689	12.5
## 2690	12.3
## 2691	11.9
## 2692	11.9
## 2693	12.0
## 2694	11.9
## 2695	11.5
## 2696	11.1
## 2697	10.7
## 2698	10.8
## 2699	10.8
## 2700	10.7
## 2701	10.7
## 2702	10.6
## 2703	10.6
## 2704	10.5
## 2705	10.5
## 2706	10.4
## 2707	10.4
## 2708	10.3
## 2709	10.3
## 2710	10.3
## 2711	10.2
## 2712	10.2
## 2713	0.0
## 2714	0.0
## 2715	10.0
## 2716	10.0
## 2717	10.0
## 2718	10.0
## 2719	10.7
## 2720	10.9
## 2721	10.8
## 2722	10.6
## 2723	10.3
## 2724	10.6
## 2725	10.9
## 2726	11.6

## 2727	11.5
## 2728	11.0
## 2729	10.8
## 2730	9.8
## 2731	15.3
## 2732	15.2
## 2733	15.2
## 2734	15.1
## 2735	14.9
## 2736	14.9
## 2737	14.9
## 2738	14.9
## 2739	14.8
## 2740	14.7
## 2741	14.5
## 2742	14.6
## 2743	14.3
## 2744	13.9
## 2745	13.2
## 2746	13.3
## 2747	13.3
## 2748	13.3
## 2749	13.3
## 2750	13.3
## 2751	13.3
## 2752	13.3
## 2753	13.2
## 2754	13.1
## 2755	12.9
## 2756	12.8
## 2757	12.6
## 2758	12.4
## 2759	12.3
## 2760	12.1
## 2761	12.0
## 2762	11.8
## 2763	NA
## 2764	NA
## 2765	NA
## 2766	NA
## 2767	NA
## 2768	NA
## 2769	NA
## 2770	NA
## 2771	NA
## 2772	NA
## 2773	NA
## 2774	NA
## 2775	NA
## 2776	NA

## 2777	NA
## 2778	NA
## 2779	NA
## 2780	NA
## 2781	NA
## 2782	NA
## 2783	NA
## 2784	NA
## 2785	NA
## 2786	NA
## 2787	NA
## 2788	NA
## 2789	NA
## 2790	NA
## 2791	NA
## 2792	NA
## 2793	NA
## 2794	NA
## 2795	NA
## 2796	NA
## 2797	NA
## 2798	NA
## 2799	NA
## 2800	NA
## 2801	NA
## 2802	NA
## 2803	NA
## 2804	NA
## 2805	NA
## 2806	NA
## 2807	NA
## 2808	NA
## 2809	NA
## 2810	NA
## 2811	15.5
## 2812	15.5
## 2813	15.5
## 2814	15.5
## 2815	15.5
## 2816	15.6
## 2817	15.5
## 2818	15.7
## 2819	15.3
## 2820	15.2
## 2821	15.5
## 2822	15.5
## 2823	15.0
## 2824	14.7
## 2825	14.2
## 2826	14.0

## 2827	12.1
## 2828	12.1
## 2829	12.0
## 2830	12.0
## 2831	12.0
## 2832	11.9
## 2833	11.8
## 2834	11.9
## 2835	11.8
## 2836	11.8
## 2837	11.7
## 2838	11.6
## 2839	11.3
## 2840	11.0
## 2841	10.7
## 2842	10.6
## 2843	10.8
## 2844	10.8
## 2845	10.8
## 2846	10.8
## 2847	10.8
## 2848	10.8
## 2849	10.7
## 2850	10.7
## 2851	10.7
## 2852	10.6
## 2853	10.6
## 2854	10.7
## 2855	10.4
## 2856	10.2
## 2857	10.1
## 2858	9.6
## 2859	14.3
## 2860	14.2
## 2861	14.2
## 2862	14.1
## 2863	14.1
## 2864	14.0
## 2865	14.0
## 2866	13.4
## 2867	12.9
## 2868	12.4
## 2869	11.8
## 2870	11.6
## 2871	11.6
## 2872	11.0
## 2873	10.4
## 2874	10.6
## 2875	12.6
## 2876	12.5

## 2877	12.3
## 2878	12.2
## 2879	12.0
## 2880	11.9
## 2881	11.7
## 2882	11.6
## 2883	11.4
## 2884	11.3
## 2885	11.1
## 2886	11.0
## 2887	10.9
## 2888	10.7
## 2889	10.6
## 2890	10.4
## 2891	9.0
## 2892	9.0
## 2893	9.0
## 2894	9.0
## 2895	8.6
## 2896	8.5
## 2897	8.4
## 2898	8.5
## 2899	8.6
## 2900	8.7
## 2901	8.6
## 2902	8.4
## 2903	8.2
## 2904	8.0
## 2905	7.9
## 2906	7.7
## 2907	12.5
## 2908	12.5
## 2909	12.5
## 2910	12.3
## 2911	12.0
## 2912	11.8
## 2913	11.6
## 2914	11.4
## 2915	11.1
## 2916	10.9
## 2917	10.7
## 2918	10.5
## 2919	10.2
## 2920	10.0
## 2921	9.8
## 2922	9.6
## 2923	10.3
## 2924	10.3
## 2925	10.4
## 2926	9.8

```

## 2927      10.1
## 2928      10.0
## 2929       9.9
## 2930       9.7
## 2931       9.6
## 2932       9.5
## 2933       9.3
## 2934       9.2
## 2935       9.5
## 2936      10.0
## 2937       9.8
## 2938       9.8

NROW(data)

## [1] 2938

NROW(replace_rows)+NROW(no_replace)

## [1] 2938

missing_2 = apply(data[ , -c(1,2)], 2, miss_data_percentage)
missing_2

##              Status              Life.expectancy
##              0.0000000              0.3403676
##      Adult.Mortality              infant.deaths
##              0.3403676              0.0000000
##              Alcohol      percentage.expenditure
##              6.6031314              0.0000000
##      Hepatitis.B              Measles
##              18.8223281              0.0000000
##              BMI              under.five.deaths
##              1.1572498              0.0000000
##              Polio      Total.expenditure
##              0.6466984              7.6923077
##      Diphtheria              HIV.AIDS
##              0.6466984              0.0000000
##              GDP              Population
##              15.2484683              22.1919673
##      thinness..1.19.years      thinness.5.9.years
##              1.1572498              1.1572498
##      Income.composition.of.resources      Schooling
##              5.6841389              5.5479918

table(missing_2)

## missing_2
##              0 0.340367597004765 0.646698434309054 1.1572498298162
##              6              2              2              3
## 5.54799183117767 5.68413886997958 6.60313138189244 7.69230769230769
##              1              1              1              1

```

```
## 15.2484683458135 18.8223281143635 22.1919673247107
## 1 1 1

#We will exclude the categorical columns

replace_column = replace_rows[ , -c(1,2)]
no_replace_column = replace_rows[ , c(1,2)]

#replacing missing data
temp_no_miss = mice(replace_column, method = 'cart')

##
## iter imp variable
## 1 1 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 1 2 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 1 3 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 1 4 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 1 5 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 2 1 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 2 2 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 2 3 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 2 4 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 2 5 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 3 1 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 3 2 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 3 3 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
```

```

Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 3 4 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 3 5 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 4 1 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 4 2 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 4 3 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 4 4 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 4 5 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 5 1 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 5 2 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 5 3 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 5 4 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling
## 5 5 Life.expectancy Adult.Mortality Alcohol Hepatitis.B BMI
Polio Total.expenditure Diphtheria GDP Population thinness..1.19.years
thinness.5.9.years Income.composition.of.resources Schooling

```

```
nomiss = complete(temp_no_miss, 1)
```

```
all_columns = cbind(no_replace_column, nomiss)
```

```
all_rows = rbind(no_replace, all_columns)
```

```
dim(all_columns)
```

```
## [1] 2938 22
```

```
dim(all_rows)
```



```
## [1] 2938    22

str(all_rows)

## 'data.frame':    2938 obs. of  22 variables:
## $ Country      : chr  "Afghanistan" "Afghanistan"
## "Afghanistan" "Afghanistan" ...
## $ Year          : int   2015  2014  2013  2012  2011  2010
## 2009 2008 2007 2006 ...
## $ Status        : num   2  2  2  2  2  2  2  2  2  2 ...
## $ Life.expectancy : num   65  59.9  59.9  59.5  59.2  58.8  58.6
## 58.1 57.5 57.3 ...
## $ Adult.Mortality : num   263  271  268  272  275  279  281  287
## 295 295 ...
## $ infant.deaths  : int   62  64  66  69  71  74  77  80  82  84 ...
## $ Alcohol        : num   0.01  0.01  0.01  0.01  0.01  0.01
## 0.01 0.03 0.02 0.03 ...
## $ percentage.expenditure : num   71.3  73.5  73.2  78.2  7.1 ...
## $ Hepatitis.B    : num   65  62  64  67  68  66  63  64  63  64 ...
## $ Measles        : int  1154  492  430  2787  3013  1989  2861
## 1599 1141 1990 ...
## $ BMI           : num   19.1  18.6  18.1  17.6  17.2  16.7
## 16.2 15.7 15.2 14.7 ...
## $ under.five.deaths : int   83  86  89  93  97  102  106  110  113
## 116 ...
## $ Polio         : num    6  58  62  67  68  66  63  64  63  58 ...
## $ Total.expenditure : num   8.16  8.18  8.13  8.52  7.87  9.2  9.42
## 8.33 6.73 7.43 ...
## $ Diphtheria     : num   65  62  64  67  68  66  63  64  63  58 ...
## $ HIV.AIDS       : num   0.1  0.1  0.1  0.1  0.1  0.1  0.1  0.1
## 0.1 0.1 ...
## $ GDP           : num  584.3  612.7  631.7  670  63.5 ...
## $ Population     : num  33736494  327582  31731688  3696958
## 2978599 ...
## $ thinness..1.19.years : num   17.2  17.5  17.7  17.9  18.2  18.4
## 18.6 18.8 19 19.2 ...
## $ thinness.5.9.years  : num   17.3  17.5  17.7  18  18.2  18.4  18.7
## 18.9 19.1 19.3 ...
## $ Income.composition.of.resources: num   0.479  0.476  0.47  0.463  0.454
## 0.448 0.434 0.433 0.415 0.405 ...
## $ Schooling       : num   10.1  10  9.9  9.8  9.5  9.2  8.9  8.7
## 8.4 8.1 ...

summary(all_rows)

##      Country      Year      Status      Life.expectancy
## Length:2938      Min.   :2000      Min.   :1.000      Min.   :36.30
## Class :character  1st Qu.:2004      1st Qu.:2.000      1st Qu.:63.20
## Mode  :character  Median :2008      Median :2.000      Median :72.10
##                Mean   :2008      Mean   :1.826      Mean   :69.24
##                3rd Qu.:2012      3rd Qu.:2.000      3rd Qu.:75.67
```

```
##           Max.      :2015      Max.      :2.000      Max.      :89.00
## Adult.Mortality infant.deaths      Alcohol      percentage.expenditure
## Min.      : 1.0      Min.      : 0.0      Min.      : 0.0100      Min.      : 0.000
## 1st Qu.: 74.0      1st Qu.: 0.0      1st Qu.: 0.8125      1st Qu.: 4.685
## Median :144.0      Median : 3.0      Median : 3.7150      Median : 64.913
## Mean      :164.6      Mean      : 30.3      Mean      : 4.5612      Mean      : 738.251
## 3rd Qu.:227.0      3rd Qu.: 22.0      3rd Qu.: 7.6375      3rd Qu.: 441.534
## Max.      :723.0      Max.      :1800.0      Max.      :17.8700      Max.      :19479.912
## Hepatitis.B      Measles      BMI      under.five.deaths
## Min.      : 1.00      Min.      : 0.0      Min.      : 1.00      Min.      : 0.00
## 1st Qu.:71.00      1st Qu.: 0.0      1st Qu.:19.20      1st Qu.: 0.00
## Median :91.00      Median : 17.0      Median :43.00      Median : 4.00
## Mean      :77.91      Mean      : 2419.6      Mean      :38.14      Mean      : 42.04
## 3rd Qu.:96.00      3rd Qu.: 360.2      3rd Qu.:56.10      3rd Qu.: 28.00
## Max.      :99.00      Max.      :212183.0      Max.      :87.30      Max.      :2500.00
## Polio      Total.expenditure      Diphtheria      HIV.AIDS
## Min.      : 3.00      Min.      : 0.370      Min.      : 2.0      Min.      : 0.100
## 1st Qu.:78.00      1st Qu.: 4.280      1st Qu.:78.0      1st Qu.: 0.100
## Median :93.00      Median : 5.720      Median :93.0      Median : 0.100
## Mean      :82.55      Mean      : 5.935      Mean      :82.3      Mean      : 1.742
## 3rd Qu.:97.00      3rd Qu.: 7.487      3rd Qu.:97.0      3rd Qu.: 0.800
## Max.      :99.00      Max.      :17.600      Max.      :99.0      Max.      :50.600
## GDP      Population      thinness..1.19.years
## Min.      : 1.68      Min.      :3.400e+01      Min.      : 0.10
## 1st Qu.: 487.93      1st Qu.:1.779e+05      1st Qu.: 1.60
## Median : 1736.91      Median :1.322e+06      Median : 3.35
## Mean      : 7032.10      Mean      :1.166e+07      Mean      : 4.86
## 3rd Qu.: 5769.77      3rd Qu.:7.230e+06      3rd Qu.: 7.20
## Max.      :119172.74      Max.      :1.294e+09      Max.      :27.70
## thinness.5.9.years      Income.composition.of.resources      Schooling
## Min.      : 0.100      Min.      :0.0000      Min.      : 0.00
## 1st Qu.: 1.500      1st Qu.:0.4910      1st Qu.:10.10
## Median : 3.400      Median :0.6750      Median :12.30
## Mean      : 4.892      Mean      :0.6247      Mean      :11.93
## 3rd Qu.: 7.200      3rd Qu.:0.7800      3rd Qu.:14.30
## Max.      :28.600      Max.      :0.9480      Max.      :20.70
```

```
# Outliers -----
---
```

```
# 3. Outliers
```

```
# Regression
```

```
output = lm(Life.expectancy ~., data = all_rows[,-c(1,2)])
summary(output)
```

```
##
## Call:
## lm(formula = Life.expectancy ~ ., data = all_rows[, -c(1, 2)])
##
```

```

## Residuals:
##      Min       1Q   Median       3Q      Max
## -22.1759  -2.2429  -0.0645   2.2761  18.5645
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)    5.678e+01  7.862e-01  72.216 < 2e-16 ***
## Status        -1.251e+00  2.636e-01  -4.746 2.18e-06 ***
## Adult.Mortality -1.797e-02  7.823e-04 -22.966 < 2e-16 ***
## infant.deaths   9.902e-02  8.190e-03  12.090 < 2e-16 ***
## Alcohol         3.106e-02  2.450e-02   1.268  0.20504
## percentage.expenditure 1.319e-04  7.744e-05   1.703  0.08868 .
## Hepatitis.B     -2.046e-03  3.598e-03  -0.568  0.56975
## Measles        -6.732e-06  7.455e-06  -0.903  0.36660
## BMI            4.018e-02  4.816e-03   8.343 < 2e-16 ***
## under.five.deaths -7.388e-02  6.004e-03 -12.306 < 2e-16 ***
## Polio          2.685e-02  4.380e-03   6.130 9.97e-10 ***
## Total.expenditure 5.862e-02  3.186e-02   1.840  0.06588 .
## Diphtheria      2.806e-02  4.753e-03   5.905 3.95e-09 ***
## HIV.AIDS        -4.870e-01  1.708e-02 -28.512 < 2e-16 ***
## GDP            3.338e-05  1.178e-05   2.835  0.00462 **
## Population     -1.151e-09  1.627e-09  -0.707  0.47956
## thinness..1.19.years -7.019e-02  4.860e-02  -1.444  0.14875
## thinness.5.9.years -3.167e-03  4.780e-02  -0.066  0.94718
## Income.composition.of.resources 6.476e+00  6.125e-01  10.574 < 2e-16 ***
## Schooling       6.934e-01  4.022e-02  17.243 < 2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 3.943 on 2918 degrees of freedom
## Multiple R-squared:  0.8293, Adjusted R-squared:  0.8281
## F-statistic: 745.9 on 19 and 2918 DF,  p-value: < 2.2e-16

# 3.1.Leverage
k=NROW(output$coefficients)-1
leverage = hatvalues(output)
cutleverage = (2*k+2) / nrow(all_rows) #same dataset for nrow as used for
output
cutleverage

## [1] 0.0136147

badleverage = as.numeric(leverage > cutleverage)
table(badleverage)

## badleverage
##      0      1
## 2703   235

# 3.2 Cooks

```

```

cooks = cooks.distance(output)
cutcooks = 4 / (nrow(all_rows) - k - 1)
cutcooks

## [1] 0.001370802

badcooks = as.numeric(cooks > cutcooks)
table(badcooks)

## badcooks
##      0      1
## 2744   194

#3.3. Mahalanobis
mahal = mahalanobis(all_columns[, -c(1,2)],
                    colMeans(all_columns[, -c(1,2)]),
                    cov(all_columns[, -c(1,2)]),
                    tol=1e-20)

cutmahal = qchisq(1-0.001, ncol(all_columns[, -c(1,2)]))
cutmahal

## [1] 45.31475

badmahal = as.numeric(mahal > cutmahal)
table(badmahal)

## badmahal
##      0      1
## 2732   206

# 3.4 Total outliers

totalout = badmahal + badleverage + badcooks
table(totalout)

## totalout
##      0      1      2      3
## 2588   137   141    72

no_outliers_data = subset(all_rows, totalout < 2)

```

Assumptions:

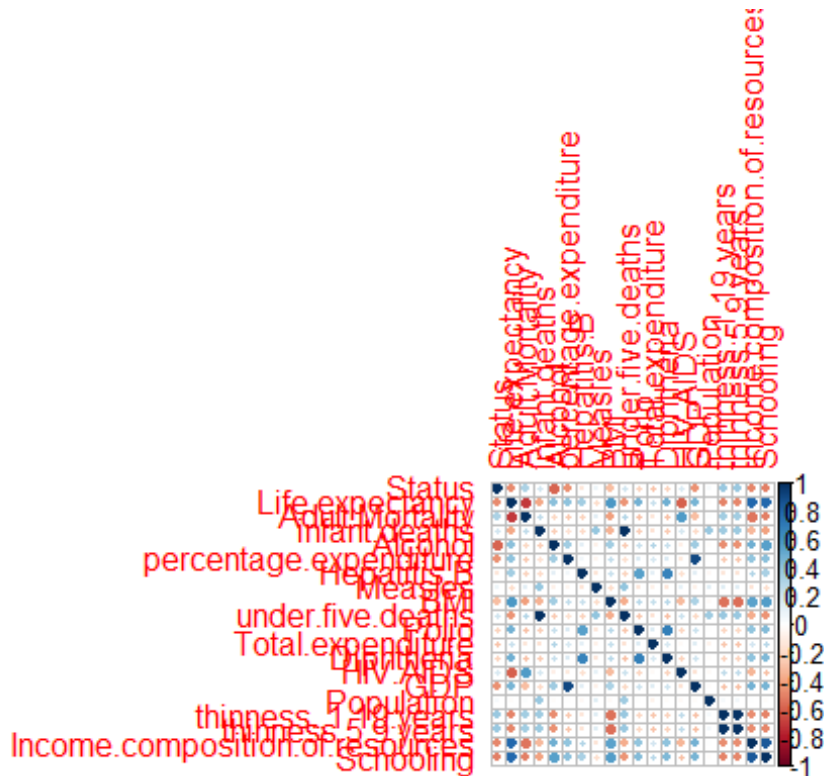
```

# Additivity -----
---

correl = cor(no_outliers_data[, -c(1,2)], use = "pairwise.complete.obs")

corrplot(correl)

```



```
final_data = no_outliers_data %>%
  subset(select = -c(Country, Year,
    under.five.deaths, thinness.5.9.years,
    GDP, Income.composition.of.resources))

str(final_data)

## 'data.frame':    2725 obs. of  16 variables:
## $ Status          : num  2 2 2 2 2 2 2 2 2 2 ...
## $ Life.expectancy : num  65 59.9 59.9 59.5 59.2 58.8 58.6 58.1 57.5
## $ Adult.Mortality : num  263 271 268 272 275 279 281 287 295 295
## $ infant.deaths   : int   62 64 66 69 71 74 77 80 82 84 ...
## $ Alcohol          : num   0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.03
## $ percentage.expenditure: num  71.3 73.5 73.2 78.2 7.1 ...
## $ Hepatitis.B      : num  65 62 64 67 68 66 63 64 63 64 ...
## $ Measles          : int  1154 492 430 2787 3013 1989 2861 1599 1141
## $ BMI              : num  19.1 18.6 18.1 17.6 17.2 16.7 16.2 15.7
## $ Polio            : num   6 58 62 67 68 66 63 64 63 58 ...
## $ Total.expenditure: num   8.16 8.18 8.13 8.52 7.87 9.2 9.42 8.33
## $ Diphtheria       : num  65 62 64 67 68 66 63 64 63 58 ...
## $ HIV.AIDS         : num   0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
```

```

...
## $ Population          : num  33736494 327582 31731688 3696958 2978599
...
## $ thinness..1.19.years : num  17.2 17.5 17.7 17.9 18.2 18.4 18.6 18.8 19
19.2 ...
## $ Schooling           : num  10.1 10 9.9 9.8 9.5 9.2 8.9 8.7 8.4 8.1
...

```

Linearity:

```

# Linearity -----
---

# Linearity -----
---

output2 = lm(Life.expectancy ~., data = final_data)

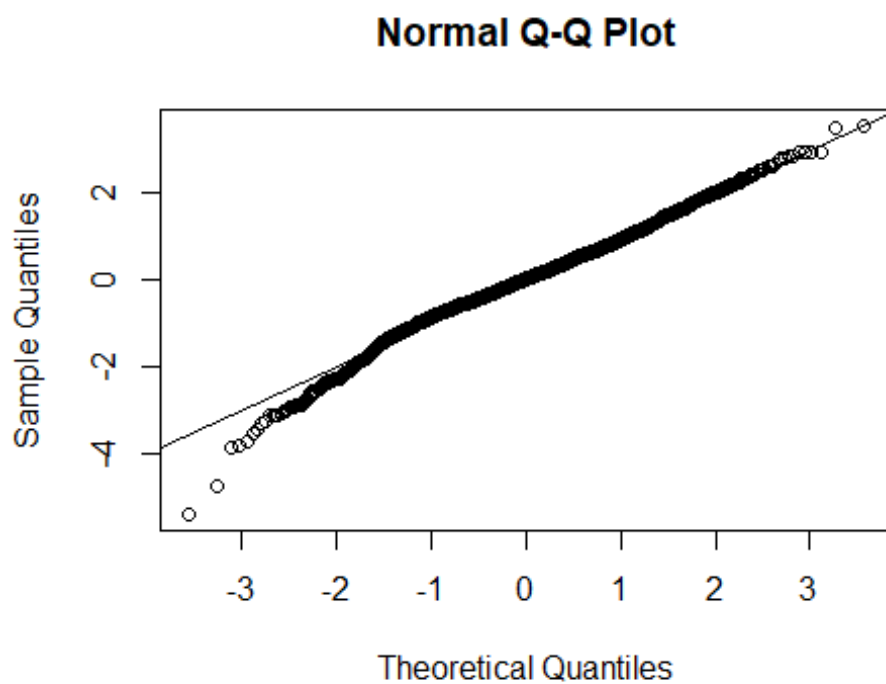
standardized = rstudent(output2)

fitted = scale(output2$fitted.values)

qqnorm(standardized)

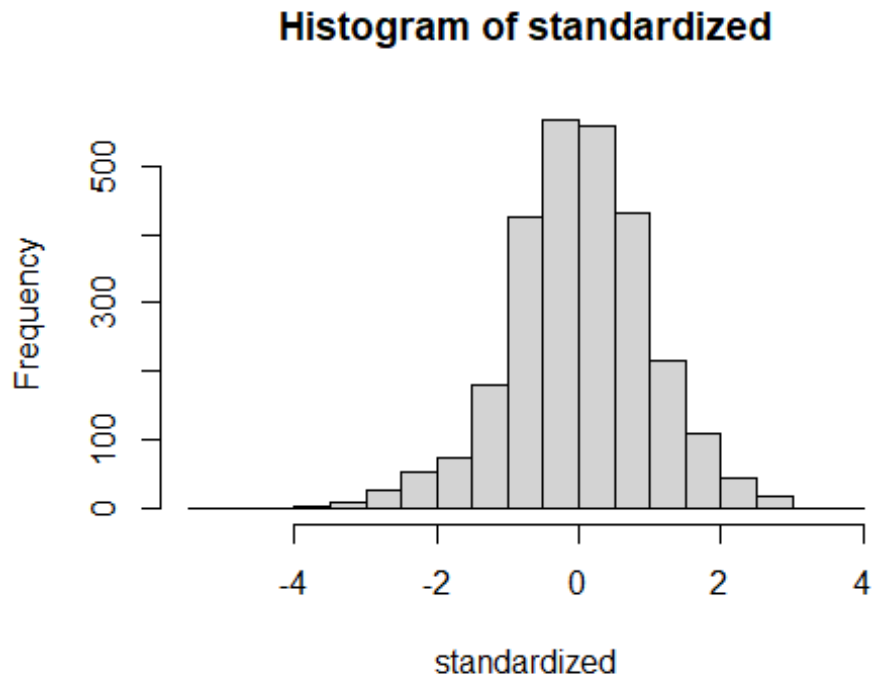
abline(0,1)

```



Normality:

```
# Normality -----  
---  
  
# Normality -----  
---  
hist(standardized, breaks = 20)
```



```
skewness(final_data[ , -c(1,2)], na.rm = TRUE)
```

##	Adult.Mortality	infant.deaths	Alcohol
##	0.9892976	4.9746114	0.6229194
##	percentage.expenditure	Hepatitis.B	Measles
##	3.8858394	-1.6885276	6.5122504
##	BMI	Polio	Total.expenditure
##	-0.2627755	-2.1956817	0.4958921
##	Diphtheria	HIV.AIDS	Population
##	-2.1887171	4.5041792	5.6408051
##	thinness..1.19.years	Schooling	
##	1.3605631	-0.6416308	

```
kurtosis(final_data[ , -c(1,2)], na.rm = TRUE)
```

##	Adult.Mortality	infant.deaths	Alcohol
##	4.021451	36.950135	2.269468
##	percentage.expenditure	Hepatitis.B	Measles
##	19.413091	4.784419	55.977839

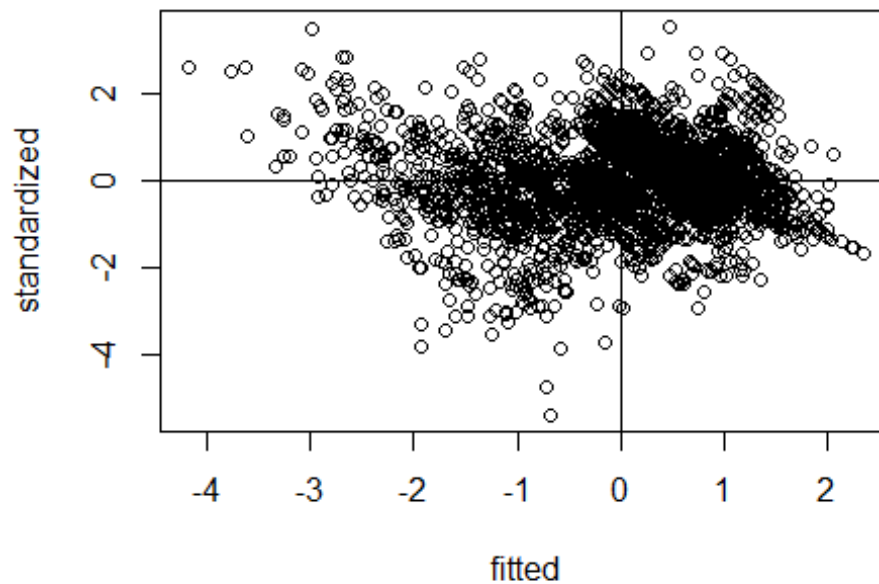
##	BMI	Polio	Total.expenditure
##	1.729230	7.297341	3.758534
##	Diphtheria	HIV.AIDS	Population
##	7.191967	27.433240	43.405879
##	thinness..1.19.years	Schooling	
##	4.849445	4.012844	

Homogeneity and Homoscedasticity:

```
# Homogeneity/Homoscedasticity -----
---
```

```
# Homogeneity/Homoscedasticity -----
---
```

```
plot(fitted, standardized)
abline(0,0)
abline(v = 0)
```



```
# General regression -----
---
```

```
model = lm(Life.expectancy ~., data = final_data)
summary(model)
```

```
##
## Call:
## lm(formula = Life.expectancy ~ ., data = final_data)
```



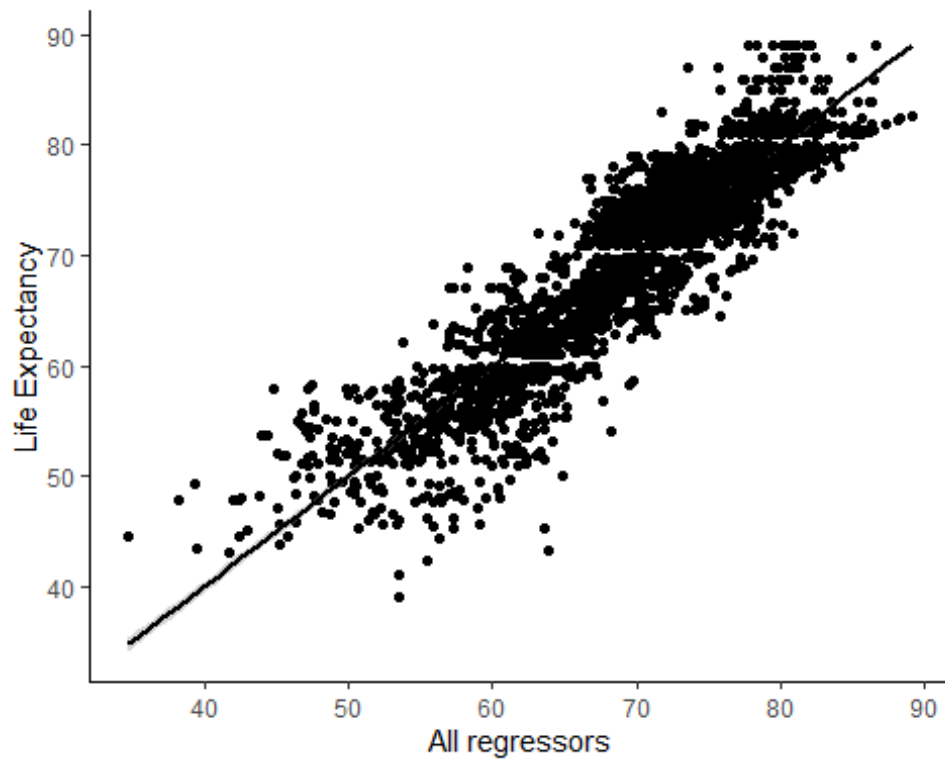
```
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -20.572  -2.191   0.047   2.377  13.527
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)    5.616e+01  8.052e-01  69.747 < 2e-16 ***
## Status         -1.349e+00  2.632e-01  -5.126 3.17e-07 ***
## Adult.Mortality -1.832e-02  8.532e-04 -21.471 < 2e-16 ***
## infant.deaths  -6.563e-03  2.539e-03  -2.585 0.00978 **
## Alcohol         -9.215e-03  2.492e-02  -0.370 0.71156
## percentage.expenditure 3.407e-04  5.118e-05   6.657 3.36e-11 ***
## Hepatitis.B     -2.722e-03  3.850e-03  -0.707 0.47968
## Measles         -7.727e-06  1.695e-05  -0.456 0.64848
## BMI             3.517e-02  4.930e-03   7.134 1.24e-12 ***
## Polio           2.620e-02  4.599e-03   5.697 1.35e-08 ***
## Total.expenditure 1.204e-02  3.281e-02   0.367 0.71362
## Diphtheria      3.269e-02  5.155e-03   6.341 2.67e-10 ***
## HIV.AIDS        -6.733e-01  2.610e-02 -25.800 < 2e-16 ***
## Population      4.154e-09  3.599e-09   1.154 0.24852
## thinness..1.19.years -4.928e-02  2.419e-02  -2.037 0.04175 *
## Schooling       1.141e+00  3.593e-02  31.758 < 2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 3.839 on 2709 degrees of freedom
## Multiple R-squared:  0.8249, Adjusted R-squared:  0.8239
## F-statistic: 850.8 on 15 and 2709 DF,  p-value: < 2.2e-16

fitted1 = model$fitted.values
str(fitted1)

##  Named num [1:2725] 61.9 62.7 62.9 62.8 62.3 ...
##  - attr(*, "names")= chr [1:2725] "1" "2" "3" "4" ...

ggplot(final_data, aes(fitted1, Life.expectancy))+
  geom_point()+
  geom_smooth(method = "lm", color = "black")+
  labs(y = "Life Expectancy",
       x = "All regressors")+
  theme_classic()

## `geom_smooth()` using formula 'y ~ x'
```



```
# T-test -----  
---  
  
cleandata = final_data  
  
developed = cleandata %>%  
  filter(Status == 1)  
  
notdeveloped = cleandata %>%  
  filter(Status == 2)  
  
mean(developed$Life.expectancy)  
## [1] 79.06471  
mean(notdeveloped$Life.expectancy)  
## [1] 67.55998  
sd(developed$Life.expectancy)  
## [1] 3.995884  
sd(notdeveloped$Life.expectancy)  
## [1] 8.656514
```

```

length(developed$Life.expectancy)

## [1] 476

length(notdeveloped$Life.expectancy)

## [1] 2249

t.test(Life.expectancy ~ Status,
       data = cleandata,
       var.equal = T,
       paired = F)

##
## Two Sample t-test
##
## data: Life.expectancy by Status
## t = 28.36, df = 2723, p-value < 2.2e-16
## alternative hypothesis: true difference in means is not equal to 0
## 95 percent confidence interval:
##  10.70929 12.30016
## sample estimates:
## mean in group 1 mean in group 2
##      79.06471      67.55998

effect_size = d.ind.t(m1 = mean(developed$Life.expectancy),
                     m2 = mean(notdeveloped$Life.expectancy),
                     sd1 = sd(developed$Life.expectancy),
                     sd2 = sd(notdeveloped$Life.expectancy),
                     n1 = length(developed$Life.expectancy),
                     n2 = length(notdeveloped$Life.expectancy),
                     a = 0.05)

effect_size$d

## [1] 1.430856

# Developed/Developing regressions -----
---

model_developed = lm(Life.expectancy ~., data = developed[, -1])
summary(model_developed)

##
## Call:
## lm(formula = Life.expectancy ~ ., data = developed[, -1])
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -6.2531 -1.7323 -0.5232  1.0304 10.1148
##

```

```
## Coefficients: (1 not defined because of singularities)
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)    8.060e+01  2.258e+00  35.699 < 2e-16 ***
## Adult.Mortality -1.579e-02  3.052e-03  -5.175 3.41e-07 ***
## infant.deaths  -4.302e-02  3.792e-02  -1.135 0.257109
## Alcohol        -3.463e-01  4.502e-02  -7.691 8.87e-14 ***
## percentage.expenditure 1.870e-04  4.469e-05  4.184 3.44e-05 ***
## Hepatitis.B     -3.366e-03  6.524e-03  -0.516 0.606123
## Measles         4.626e-05  4.957e-05  0.933 0.351161
## BMI            -1.630e-02  7.973e-03  -2.044 0.041495 *
## Polio           9.072e-03  2.286e-02  0.397 0.691709
## Total.expenditure -1.114e-01  5.393e-02  -2.065 0.039497 *
## Diphtheria      2.482e-02  2.194e-02  1.131 0.258502
## HIV.AIDS        NA         NA         NA      NA
## Population      8.177e-09  8.928e-09  0.916 0.360210
## thinness..1.19.years -2.350e+00  2.207e-01 -10.648 < 2e-16 ***
## Schooling       2.954e-01  8.531e-02  3.462 0.000586 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 2.76 on 462 degrees of freedom
## Multiple R-squared:  0.536, Adjusted R-squared:  0.5229
## F-statistic: 41.05 on 13 and 462 DF, p-value: < 2.2e-16

model_notdeveloped = lm(Life.expectancy ~., data = notdeveloped[, -1])
summary(model_notdeveloped)

##
## Call:
## lm(formula = Life.expectancy ~ ., data = notdeveloped[, -1])
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -20.5668  -2.1858   0.0995   2.4561  13.2502
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)    5.225e+01  5.869e-01  89.035 < 2e-16 ***
## Adult.Mortality -1.703e-02  8.867e-04 -19.204 < 2e-16 ***
## infant.deaths  -4.793e-03  2.597e-03  -1.846  0.0651 .
## Alcohol        3.964e-02  2.799e-02  1.416  0.1568
## percentage.expenditure 8.363e-04  1.097e-04  7.623 3.63e-14 ***
## Hepatitis.B     1.608e-03  4.348e-03  0.370  0.7115
## Measles        -1.045e-05  1.766e-05  -0.592  0.5542
## BMI            4.819e-02  5.635e-03  8.551 < 2e-16 ***
## Polio          2.312e-02  4.707e-03  4.911 9.71e-07 ***
## Total.expenditure 3.840e-02  3.870e-02  0.992  0.3211
## Diphtheria     2.965e-02  5.376e-03  5.515 3.90e-08 ***
## HIV.AIDS       -6.883e-01  2.652e-02 -25.952 < 2e-16 ***
## Population     2.767e-09  3.803e-09  0.728  0.4669
```

```
## thinness..1.19.years    9.033e-03  2.503e-02   0.361   0.7182
## Schooling              1.131e+00  3.948e-02  28.652   < 2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 3.869 on 2234 degrees of freedom
## Multiple R-squared:  0.8015, Adjusted R-squared:  0.8002
## F-statistic: 644.3 on 14 and 2234 DF,  p-value: < 2.2e-16
```

Dropping the non significant variables -----

```
developed2 = developed %>%
  subset(select = -c(infant.deaths,
                     Hepatitis.B,
                     Measles,
                     Polio,
                     Diphtheria,
                     HIV.AIDS,
                     Population
                     ))
```

```
notdeveloped2 = notdeveloped %>%
  subset(select = -c(Alcohol,
                     Hepatitis.B,
                     Measles,
                     Total.expenditure,
                     Population,
                     thinness..1.19.years
                     ))
```

```
model_developed2 = lm(Life.expectancy ~ ., data = developed2)
summary(model_developed2)
```

```
##
## Call:
## lm(formula = Life.expectancy ~ ., data = developed2)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -6.1815 -1.7120 -0.5724  1.0711 10.1828
##
## Coefficients: (1 not defined because of singularities)
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)    8.398e+01  1.511e+00  55.575   < 2e-16 ***
## Adult.Mortality -1.623e-02  3.023e-03  -5.369  1.25e-07 ***
## Alcohol        -3.459e-01  4.463e-02  -7.751  5.73e-14 ***
## percentage.expenditure 2.006e-04  4.422e-05   4.538  7.23e-06 ***
## BMI            -1.621e-02  7.846e-03  -2.066  0.039412 *
## Total.expenditure -1.387e-01  4.803e-02  -2.889  0.004050 **
```

```
## thinness..1.19.years    -2.330e+00  2.131e-01 -10.938  < 2e-16 ***
## Schooling               2.778e-01  8.238e-02   3.372  0.000809 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 2.764 on 468 degrees of freedom
## Multiple R-squared:  0.5285, Adjusted R-squared:  0.5214
## F-statistic: 74.93 on 7 and 468 DF,  p-value: < 2.2e-16

model_notdeveloped2 = lm(Life.expectancy ~ ., data = notdeveloped2)
summary(model_notdeveloped2)

##
## Call:
## lm(formula = Life.expectancy ~ ., data = notdeveloped2)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -20.1461  -2.1721   0.1297   2.4768  13.1324
##
## Coefficients: (1 not defined because of singularities)
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)    52.3613647   0.5081670  103.040  < 2e-16 ***
## Adult.Mortality -0.0168643   0.0008802  -19.161  < 2e-16 ***
## infant.deaths  -0.0046885   0.0021953   -2.136   0.0328 *
## percentage.expenditure 0.0008522  0.0001081    7.887 4.80e-15 ***
## BMI             0.0484583   0.0051920    9.333  < 2e-16 ***
## Polio           0.0236542   0.0046251    5.114 3.42e-07 ***
## Diphtheria      0.0308171   0.0046860    6.576 5.98e-11 ***
## HIV.AIDS        -0.6845708   0.0262550  -26.074  < 2e-16 ***
## Schooling       1.1521433   0.0373396   30.856  < 2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 3.868 on 2240 degrees of freedom
## Multiple R-squared:  0.8011, Adjusted R-squared:  0.8004
## F-statistic: 1128 on 8 and 2240 DF,  p-value: < 2.2e-16
```

```

anova(model_developed,
       model_developed2)

## Analysis of Variance Table
##
## Model 1: Life expectancy ~ Adult.Mortality + infant.deaths + Alcohol +
##   percentage.expenditure + Hepatitis.B + Measles + BMI + Polio +
##   Total.expenditure + Diphtheria + HIV.AIDS + Population +
##   thinness..1.19.years + Schooling
## Model 2: Life expectancy ~ Status + Adult.Mortality + Alcohol +
percentage.expenditure +
##   BMI + Total.expenditure + thinness..1.19.years + Schooling
##   Res.Df    RSS Df Sum of Sq      F Pr(>F)
## 1      462 3519.3
## 2      468 3576.3 -6      -57.01 1.2473 0.2807

anova(model_notdeveloped,
       model_notdeveloped2)

## Analysis of Variance Table
##
## Model 1: Life expectancy ~ Adult.Mortality + infant.deaths + Alcohol +
##   percentage.expenditure + Hepatitis.B + Measles + BMI + Polio +
##   Total.expenditure + Diphtheria + HIV.AIDS + Population +
##   thinness..1.19.years + Schooling
## Model 2: Life expectancy ~ Status + Adult.Mortality + infant.deaths +
##   percentage.expenditure + BMI + Polio + Diphtheria + HIV.AIDS +
##   Schooling
##   Res.Df    RSS Df Sum of Sq      F Pr(>F)
## 1      2234 33441
## 2      2240 33507 -6      -65.964 0.7345 0.6219

```