

# Code\_All

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## Analysis Data with R

### Import Library

```
current_0 <- Sys.time()
library(tidyverse)

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

## v ggplot2 3.3.6      v purrr  0.3.4
## v tibble  3.1.6      v dplyr  1.0.8
## v tidyr   1.2.0      v stringr 1.4.0
## v readr   2.1.2      v forcats 0.5.1

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

library(dplyr)
library(rpart)
library(rpart.plot)
library(caret)

## Loading required package: lattice

##
## Attaching package: 'caret'

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

library(caTools)
library(earth)

## Loading required package: Formula
```

```

## Loading required package: plotmo

## Loading required package: plotrix

## Loading required package: TeachingDemos

library(mda)

## Loading required package: class

## Loaded mda 0.5-3

library(ROSE)

## Loaded ROSE 0.0-4

library(DataExplorer)
library(car)

## Loading required package: carData

##
## Attaching package: 'car'

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

## The following object is masked from 'package:purrr':
##
##     some

library(randomForest)

## randomForest 4.7-1

## Type rfNews() to see new features/changes/bug fixes.

##
## Attaching package: 'randomForest'

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

## The following object is masked from 'package:ggplot2':
##
##     margin

```

**Import data from csv**

```

data <- read.csv("dataset.csv")
ukuran_data <- dim(data)
head_data <- head(data)
write.csv(head_data,"head_data.csv")
summary(data)

```

```

##   encounter_id   patient_id   hospital_id   age
##   Min.   :    1   Min.   :    1   Min.   :  2.0   Min.   :16.00
##   1st Qu.: 32852   1st Qu.: 32830   1st Qu.: 47.0   1st Qu.:52.00
##   Median : 65665   Median : 65413   Median :109.0   Median :65.00
##   Mean   : 65606   Mean   : 65537   Mean   :105.7   Mean   :62.31
##   3rd Qu.: 98342   3rd Qu.: 98298   3rd Qu.:161.0   3rd Qu.:75.00
##   Max.   :131051   Max.   :131051   Max.   :204.0   Max.   :89.00
##                                     NA's   :4228
##   bmi   elective_surgery ethnicity   gender
##   Min.   :14.85   Min.   :0.0000   Length:91713   Length:91713
##   1st Qu.:23.64   1st Qu.:0.0000   Class :character   Class :character
##   Median :27.66   Median :0.0000   Mode  :character   Mode  :character
##   Mean   :29.19   Mean   :0.1837
##   3rd Qu.:32.93   3rd Qu.:0.0000
##   Max.   :67.81   Max.   :1.0000
##   NA's   :3429
##   height   icu_admit_source   icu_id   icu_stay_type
##   Min.   :137.2   Length:91713   Min.   : 82.0   Length:91713
##   1st Qu.:162.5   Class :character   1st Qu.:369.0   Class :character
##   Median :170.1   Mode  :character   Median :504.0   Mode  :character
##   Mean   :169.6
##   3rd Qu.:177.8
##   Max.   :195.6
##   NA's   :1334
##   icu_type   pre_icu_los_days   weight   apache_2_diagnosis
##   Length:91713   Min.   :-24.94722   Min.   : 38.60   Min.   :101.0
##   Class :character   1st Qu.: 0.03542   1st Qu.: 66.80   1st Qu.:113.0
##   Mode  :character   Median : 0.13889   Median : 80.30   Median :122.0
##   Mean   : 0.83577   Mean   : 84.03   Mean   :185.4
##   3rd Qu.: 0.40903   3rd Qu.: 97.10   3rd Qu.:301.0
##   Max.   :159.09097   Max.   :186.00   Max.   :308.0
##                                     NA's   :2720   NA's   :1662
##   apache_3j_diagnosis apache_post_operative   arf_apache   gcs_eyes_apache
##   Min.   : 0.01   Min.   :0.0000   Min.   :0.000   Min.   :1.000
##   1st Qu.: 203.01   1st Qu.:0.0000   1st Qu.:0.000   1st Qu.:3.000
##   Median : 409.02   Median :0.0000   Median :0.000   Median :4.000
##   Mean   : 558.22   Mean   :0.2011   Mean   :0.028   Mean   :3.465
##   3rd Qu.: 703.03   3rd Qu.:0.0000   3rd Qu.:0.000   3rd Qu.:4.000
##   Max.   :2201.05   Max.   :1.0000   Max.   :1.000   Max.   :4.000
##   NA's   :1101
##                                     NA's   :715   NA's   :1901
##   gcs_motor_apache gcs_unable_apache gcs_verbal_apache heart_rate_apache
##   Min.   :1.000   Min.   :0.0000   Min.   :1.000   Min.   : 30.00
##   1st Qu.:6.000   1st Qu.:0.0000   1st Qu.:4.000   1st Qu.: 86.00
##   Median :6.000   Median :0.0000   Median :5.000   Median :104.00
##   Mean   :5.471   Mean   :0.0095   Mean   :3.995   Mean   : 99.71
##   3rd Qu.:6.000   3rd Qu.:0.0000   3rd Qu.:5.000   3rd Qu.:120.00
##   Max.   :6.000   Max.   :1.0000   Max.   :5.000   Max.   :178.00

```

```

## NA's :1901      NA's :1037      NA's :1901      NA's :878
## intubated_apache  map_apache      resprate_apache  temp_apache
## Min. :0.0000    Min. : 40.00    Min. : 4.00    Min. :32.10
## 1st Qu.:0.0000    1st Qu.: 54.00    1st Qu.:11.00    1st Qu.:36.20
## Median :0.0000    Median : 67.00    Median :28.00    Median :36.50
## Mean :0.1512    Mean : 88.02    Mean :25.81    Mean :36.41
## 3rd Qu.:0.0000    3rd Qu.:125.00    3rd Qu.:36.00    3rd Qu.:36.70
## Max. :1.0000    Max. :200.00    Max. :60.00    Max. :39.70
## NA's :715      NA's :994      NA's :1234      NA's :4108
## ventilated_apache d1_diasbp_max      d1_diasbp_min      d1_diasbp_noninvasive_max
## Min. :0.0000    Min. : 46.00    Min. :13.00    Min. : 46.00
## 1st Qu.:0.0000    1st Qu.: 75.00    1st Qu.:42.00    1st Qu.: 75.00
## Median :0.0000    Median : 86.00    Median :50.00    Median : 87.00
## Mean :0.3257    Mean : 88.49    Mean :50.16    Mean : 88.61
## 3rd Qu.:1.0000    3rd Qu.: 99.00    3rd Qu.:58.00    3rd Qu.: 99.00
## Max. :1.0000    Max. :165.00    Max. :90.00    Max. :165.00
## NA's :715      NA's :165      NA's :165      NA's :1040
## d1_diasbp_noninvasive_min d1_hearttrate_max d1_hearttrate_min      d1_mbp_max
## Min. :13.00      Min. : 58      Min. : 0.00    Min. : 60.0
## 1st Qu.:42.00      1st Qu.: 87      1st Qu.: 60.00    1st Qu.: 90.0
## Median :50.00      Median :101      Median : 69.00    Median :102.0
## Mean :50.24      Mean :103      Mean : 70.32    Mean :104.7
## 3rd Qu.:58.00      3rd Qu.:116      3rd Qu.: 81.00    3rd Qu.:116.0
## Max. :90.00      Max. :177      Max. :175.00    Max. :184.0
## NA's :1040      NA's :145      NA's :145      NA's :220
## d1_mbp_min      d1_mbp_noninvasive_max d1_mbp_noninvasive_min d1_resprate_max
## Min. : 22.00    Min. : 60.0      Min. : 22.00      Min. :14.00
## 1st Qu.: 55.00    1st Qu.: 90.0      1st Qu.: 55.00      1st Qu.:22.00
## Median : 64.00    Median :102.0      Median : 64.00      Median :26.00
## Mean : 64.87    Mean :104.6      Mean : 64.94      Mean :28.88
## 3rd Qu.: 75.00    3rd Qu.:116.0      3rd Qu.: 75.00      3rd Qu.:32.00
## Max. :112.00    Max. :181.0      Max. :112.00      Max. :92.00
## NA's :220      NA's :1479      NA's :1479      NA's :385
## d1_resprate_min      d1_spo2_max      d1_spo2_min      d1_sysbp_max
## Min. : 0.00    Min. : 0.00    Min. : 0.00    Min. : 90.0
## 1st Qu.: 10.00    1st Qu.: 99.00    1st Qu.: 89.00    1st Qu.:130.0
## Median : 13.00    Median :100.00    Median : 92.00    Median :146.0
## Mean : 12.85    Mean : 99.24    Mean : 90.45    Mean :148.3
## 3rd Qu.: 16.00    3rd Qu.:100.00    3rd Qu.: 95.00    3rd Qu.:164.0
## Max. :100.00    Max. :100.00    Max. :100.00    Max. :232.0
## NA's :385      NA's :333      NA's :333      NA's :159
## d1_sysbp_min      d1_sysbp_noninvasive_max d1_sysbp_noninvasive_min
## Min. : 41.00    Min. : 90.0      Min. : 41.03
## 1st Qu.: 83.00    1st Qu.:130.0      1st Qu.: 84.00
## Median : 96.00    Median :146.0      Median : 96.00
## Mean : 96.92    Mean :148.2      Mean : 96.99
## 3rd Qu.:110.00    3rd Qu.:164.0      3rd Qu.:110.00
## Max. :160.00    Max. :232.0      Max. :160.00
## NA's :159      NA's :1027      NA's :1027
## d1_temp_max      d1_temp_min      h1_diasbp_max      h1_diasbp_min
## Min. :35.10    Min. :31.89    Min. : 37.00    Min. : 22.00
## 1st Qu.:36.90    1st Qu.:36.10    1st Qu.: 62.00    1st Qu.: 52.00
## Median :37.11    Median :36.40    Median : 74.00    Median : 62.00
## Mean :37.28    Mean :36.27    Mean : 75.36    Mean : 62.84

```

```

## 3rd Qu.:37.60 3rd Qu.:36.66 3rd Qu.: 86.00 3rd Qu.: 73.00
## Max. :39.90 Max. :37.80 Max. :143.00 Max. :113.00
## NA's :2324 NA's :2324 NA's :3619 NA's :3619
## h1_diasbp_noninvasive_max h1_diasbp_noninvasive_min h1_heartrate_max
## Min. : 37.00 Min. : 22.00 Min. : 46.00
## 1st Qu.: 63.00 1st Qu.: 52.00 1st Qu.: 77.00
## Median : 74.00 Median : 62.00 Median : 90.00
## Mean : 75.81 Mean : 63.27 Mean : 92.23
## 3rd Qu.: 87.00 3rd Qu.: 74.00 3rd Qu.:106.00
## Max. :144.00 Max. :114.00 Max. :164.00
## NA's :7350 NA's :7350 NA's :2790
## h1_heartrate_min h1_mbp_max h1_mbp_min h1_mbp_noninvasive_max
## Min. : 36.00 Min. : 49.00 Min. : 32.0 Min. : 49.00
## 1st Qu.: 69.00 1st Qu.: 77.00 1st Qu.: 66.0 1st Qu.: 77.00
## Median : 82.00 Median : 90.00 Median : 78.0 Median : 90.00
## Mean : 83.66 Mean : 91.61 Mean : 79.4 Mean : 91.59
## 3rd Qu.: 97.00 3rd Qu.:104.00 3rd Qu.: 92.0 3rd Qu.:104.00
## Max. :144.00 Max. :165.00 Max. :138.0 Max. :163.00
## NA's :2790 NA's :4639 NA's :4639 NA's :9084
## h1_mbp_noninvasive_min h1_resprate_max h1_resprate_min h1_spo2_max
## Min. : 32.00 Min. :10.00 Min. : 0.00 Min. : 0.00
## 1st Qu.: 66.00 1st Qu.:18.00 1st Qu.: 14.00 1st Qu.: 97.00
## Median : 79.00 Median :21.00 Median : 16.00 Median : 99.00
## Mean : 79.71 Mean :22.63 Mean : 17.21 Mean : 98.05
## 3rd Qu.: 92.00 3rd Qu.:26.00 3rd Qu.: 20.00 3rd Qu.:100.00
## Max. :138.00 Max. :59.00 Max. :189.00 Max. :100.00
## NA's :9084 NA's :4357 NA's :4357 NA's :4185
## h1_spo2_min h1_sysbp_max h1_sysbp_min h1_sysbp_noninvasive_max
## Min. : 0.00 Min. : 75.0 Min. : 53.0 Min. : 75.0
## 1st Qu.: 94.00 1st Qu.:113.0 1st Qu.: 98.0 1st Qu.:113.0
## Median : 96.00 Median :131.0 Median :115.0 Median :130.0
## Mean : 95.17 Mean :133.2 Mean :116.4 Mean :133.1
## 3rd Qu.: 99.00 3rd Qu.:150.0 3rd Qu.:134.0 3rd Qu.:150.0
## Max. :100.00 Max. :223.0 Max. :194.0 Max. :223.0
## NA's :4185 NA's :3611 NA's :3611 NA's :7341
## h1_sysbp_noninvasive_min d1_glucose_max d1_glucose_min d1_potassium_max
## Min. : 53.0 Min. : 73.0 Min. : 33.0 Min. :2.800
## 1st Qu.: 98.0 1st Qu.:117.0 1st Qu.: 91.0 1st Qu.:3.800
## Median :115.0 Median :150.0 Median :107.0 Median :4.200
## Mean :116.5 Mean :174.6 Mean :114.4 Mean :4.252
## 3rd Qu.:134.0 3rd Qu.:201.0 3rd Qu.:131.0 3rd Qu.:4.600
## Max. :195.0 Max. :611.0 Max. :288.0 Max. :7.000
## NA's :7341 NA's :5807 NA's :5807 NA's :9585
## d1_potassium_min apache_4a_hospital_death_prob apache_4a_icu_death_prob
## Min. :2.400 Min. : -1.000 Min. : -1.000
## 1st Qu.:3.600 1st Qu.: 0.020 1st Qu.: 0.010
## Median :3.900 Median : 0.050 Median : 0.020
## Mean :3.935 Mean : 0.087 Mean : 0.044
## 3rd Qu.:4.300 3rd Qu.: 0.130 3rd Qu.: 0.060
## Max. :5.800 Max. : 0.990 Max. : 0.970
## NA's :9585 NA's :7947 NA's :7947
## aids cirrhosis diabetes_mellitus hepatic_failure
## Min. :0e+00 Min. :0.0000 Min. :0.0000 Min. :0.000
## 1st Qu.:0e+00 1st Qu.:0.0000 1st Qu.:0.0000 1st Qu.:0.000

```

```
## Median :0e+00 Median :0.0000 Median :0.0000 Median :0.000
## Mean :9e-04 Mean :0.0157 Mean :0.2252 Mean :0.013
## 3rd Qu.:0e+00 3rd Qu.:0.0000 3rd Qu.:0.0000 3rd Qu.:0.000
## Max. :1e+00 Max. :1.0000 Max. :1.0000 Max. :1.000
## NA's :715 NA's :715 NA's :715 NA's :715
## immunosuppression leukemia lymphoma
## Min. :0.0000 Min. :0.0000 Min. :0.0000
## 1st Qu.:0.0000 1st Qu.:0.0000 1st Qu.:0.0000
## Median :0.0000 Median :0.0000 Median :0.0000
## Mean :0.0262 Mean :0.0071 Mean :0.0041
## 3rd Qu.:0.0000 3rd Qu.:0.0000 3rd Qu.:0.0000
## Max. :1.0000 Max. :1.0000 Max. :1.0000
## NA's :715 NA's :715 NA's :715
## solid_tumor_with_metastasis apache_3j_bodysystem apache_2_bodysystem
## Min. :0.0000 Length:91713 Length:91713
## 1st Qu.:0.0000 Class :character Class :character
## Median :0.0000 Mode :character Mode :character
## Mean :0.0206
## 3rd Qu.:0.0000
## Max. :1.0000
## NA's :715
## X hospital_death
## Mode:logical Min. :0.0000
## NA's:91713 1st Qu.:0.0000
## Median :0.0000
## Mean :0.0863
## 3rd Qu.:0.0000
## Max. :1.0000
##
```

## Handling Missing Value

### Check Table frequency NA

```
# Check column if have NA's
kolom_NA <- data.frame(as.list(colSums(is.na(data))))
kolom_NA <- as.data.frame(t(kolom_NA))
kolom_NA <- data.frame(names = row.names(kolom_NA), kolom_NA)
rownames(kolom_NA) <- NULL
colnames(kolom_NA) <- c("Nama_Kolom", "freq")

# pipelining https://raw.githubusercontent.com/rstudio/cheatsheets/main/data-transformation.pdf
kolom_NA <- kolom_NA %>%
  mutate(percen_freq = freq / ukuran_data[1] * 100) %>%
  filter(freq > 0)

kolom_NA

##          Nama_Kolom  freq percen_freq
## 1             age  4228   4.6100335
## 2             bmi  3429   3.7388375
## 3          height  1334   1.4545375
```

## 4	weight	2720	2.9657737
## 5	apache_2_diagnosis	1662	1.8121749
## 6	apache_3j_diagnosis	1101	1.2004841
## 7	arf_apache	715	0.7796059
## 8	gcs_eyes_apache	1901	2.0727705
## 9	gcs_motor_apache	1901	2.0727705
## 10	gcs_unable_apache	1037	1.1307012
## 11	gcs_verbal_apache	1901	2.0727705
## 12	heart_rate_apache	878	0.9573343
## 13	intubated_apache	715	0.7796059
## 14	map_apache	994	1.0838158
## 15	resprate_apache	1234	1.3455017
## 16	temp_apache	4108	4.4791905
## 17	ventilated_apache	715	0.7796059
## 18	d1_diasbp_max	165	0.1799091
## 19	d1_diasbp_min	165	0.1799091
## 20	d1_diasbp_noninvasive_max	1040	1.1339723
## 21	d1_diasbp_noninvasive_min	1040	1.1339723
## 22	d1_heartrate_max	145	0.1581019
## 23	d1_heartrate_min	145	0.1581019
## 24	d1_mbp_max	220	0.2398788
## 25	d1_mbp_min	220	0.2398788
## 26	d1_mbp_noninvasive_max	1479	1.6126394
## 27	d1_mbp_noninvasive_min	1479	1.6126394
## 28	d1_resprate_max	385	0.4197878
## 29	d1_resprate_min	385	0.4197878
## 30	d1_spo2_max	333	0.3630892
## 31	d1_spo2_min	333	0.3630892
## 32	d1_sysbp_max	159	0.1733669
## 33	d1_sysbp_min	159	0.1733669
## 34	d1_sysbp_noninvasive_max	1027	1.1197976
## 35	d1_sysbp_noninvasive_min	1027	1.1197976
## 36	d1_temp_max	2324	2.5339919
## 37	d1_temp_min	2324	2.5339919
## 38	h1_diasbp_max	3619	3.9460055
## 39	h1_diasbp_min	3619	3.9460055
## 40	h1_diasbp_noninvasive_max	7350	8.0141310
## 41	h1_diasbp_noninvasive_min	7350	8.0141310
## 42	h1_heartrate_max	2790	3.0420987
## 43	h1_heartrate_min	2790	3.0420987
## 44	h1_mbp_max	4639	5.0581706
## 45	h1_mbp_min	4639	5.0581706
## 46	h1_mbp_noninvasive_max	9084	9.9048117
## 47	h1_mbp_noninvasive_min	9084	9.9048117
## 48	h1_resprate_max	4357	4.7506897
## 49	h1_resprate_min	4357	4.7506897
## 50	h1_spo2_max	4185	4.5631481
## 51	h1_spo2_min	4185	4.5631481
## 52	h1_sysbp_max	3611	3.9372826
## 53	h1_sysbp_min	3611	3.9372826
## 54	h1_sysbp_noninvasive_max	7341	8.0043178
## 55	h1_sysbp_noninvasive_min	7341	8.0043178
## 56	d1_glucose_max	5807	6.3317087
## 57	d1_glucose_min	5807	6.3317087

```
## 58          d1_potassium_max 9585 10.4510811
## 59          d1_potassium_min 9585 10.4510811
## 60 apache_4a_hospital_death_prob 7947 8.6650747
## 61      apache_4a_icu_death_prob 7947 8.6650747
## 62              aids      715 0.7796059
## 63              cirrhosis    715 0.7796059
## 64      diabetes_mellitus    715 0.7796059
## 65      hepatic_failure      715 0.7796059
## 66      immunosuppression    715 0.7796059
## 67              leukemia    715 0.7796059
## 68              lymphoma     715 0.7796059
## 69      solid_tumor_with_metastasis 715 0.7796059
## 70              X 91713 100.0000000
```

## delete Column

reference for deleting attribute in columns with threshold 10%: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3701793/>

```
kolom_delete <- kolom_NA %>% filter(percen_freq > 10)
kolom_NA <- kolom_NA %>%
  filter(percen_freq <= 10)
data <- data %>% select(-c(kolom_delete$Nama_Kolom))
```

## Divide column by datatype with variable

```
# pembagian kolom NA berdasarkan tipe data
int_kat <- names(which(lapply(data[kolom_NA$Nama_Kolom],class) == "integer"))
flo_num <- names(which(lapply(data[kolom_NA$Nama_Kolom],class) == "numeric"))

kolom_NA_cat <- kolom_NA %>% filter(Nama_Kolom %in% int_kat) %>% select(Nama_Kolom)
kolom_NA_cat <- kolom_NA_cat$Nama_Kolom

kolom_NA_num <- kolom_NA %>% filter(Nama_Kolom %in% flo_num) %>% select(Nama_Kolom)
kolom_NA_num <- kolom_NA_num$Nama_Kolom
kolom_NA_num
```

```
## [1] "bmi"          "height"
## [3] "weight"       "apache_3j_diagnosis"
## [5] "resprate_apache" "temp_apache"
## [7] "d1_sysbp_noninvasive_min" "d1_temp_max"
## [9] "d1_temp_min"      "apache_4a_hospital_death_prob"
## [11] "apache_4a_icu_death_prob"
```

```
kolom_NA_cat
```

```
## [1] "age"          "apache_2_diagnosis"
## [3] "arf_apache"   "gcs_eyes_apache"
## [5] "gcs_motor_apache" "gcs_unable_apache"
## [7] "gcs_verbal_apache" "heart_rate_apache"
```



```
## [9] "intubated_apache"      "map_apache"
## [11] "ventilated_apache"    "d1_diasbp_max"
## [13] "d1_diasbp_min"        "d1_diasbp_noninvasive_max"
## [15] "d1_diasbp_noninvasive_min" "d1_heartrate_max"
## [17] "d1_heartrate_min"     "d1_mbp_max"
## [19] "d1_mbp_min"           "d1_mbp_noninvasive_max"
## [21] "d1_mbp_noninvasive_min" "d1_resprate_max"
## [23] "d1_resprate_min"      "d1_spo2_max"
## [25] "d1_spo2_min"          "d1_sysbp_max"
## [27] "d1_sysbp_min"         "d1_sysbp_noninvasive_max"
## [29] "h1_diasbp_max"        "h1_diasbp_min"
## [31] "h1_diasbp_noninvasive_max" "h1_diasbp_noninvasive_min"
## [33] "h1_heartrate_max"     "h1_heartrate_min"
## [35] "h1_mbp_max"           "h1_mbp_min"
## [37] "h1_mbp_noninvasive_max" "h1_mbp_noninvasive_min"
## [39] "h1_resprate_max"      "h1_resprate_min"
## [41] "h1_spo2_max"          "h1_spo2_min"
## [43] "h1_sysbp_max"         "h1_sysbp_min"
## [45] "h1_sysbp_noninvasive_max" "h1_sysbp_noninvasive_min"
## [47] "d1_glucose_max"       "d1_glucose_min"
## [49] "aids"                  "cirrhosis"
## [51] "diabetes_mellitus"    "hepatic_failure"
## [53] "immunosuppression"    "leukemia"
## [55] "lymphoma"             "solid_tumor_with_metastasis"
```

## median numeric imputation

```
for(kolomku in kolom_NA_num){
  data[[kolomku]][is.na(data[[kolomku]])] = median(data[[kolomku]],na.rm=T)
}

kolom_NA_cat_factor <- c()
kolom_NA_cat_int <- c()
for(kolom in kolom_NA_cat){
  banyak_unique <- length(unique(data[[kolom]]))
  if(banyak_unique > 10){
    kolom_NA_cat_int <- c(kolom_NA_cat_int,kolom)
  } else{
    kolom_NA_cat_factor <- c(kolom_NA_cat_factor,kolom)
  }
}
kolom_NA_cat_factor
```

```
## [1] "arf_apache"      "gcs_eyes_apache"
## [3] "gcs_motor_apache" "gcs_unable_apache"
## [5] "gcs_verbal_apache" "intubated_apache"
## [7] "ventilated_apache" "aids"
## [9] "cirrhosis"       "diabetes_mellitus"
## [11] "hepatic_failure" "immunosuppression"
## [13] "leukemia"        "lymphoma"
## [15] "solid_tumor_with_metastasis"
```

kolom\_NA\_cat\_int

```
## [1] "age" "apache_2_diagnosis"
## [3] "heart_rate_apache" "map_apache"
## [5] "d1_diasbp_max" "d1_diasbp_min"
## [7] "d1_diasbp_noninvasive_max" "d1_diasbp_noninvasive_min"
## [9] "d1_heartrate_max" "d1_heartrate_min"
## [11] "d1_mbp_max" "d1_mbp_min"
## [13] "d1_mbp_noninvasive_max" "d1_mbp_noninvasive_min"
## [15] "d1_resprate_max" "d1_resprate_min"
## [17] "d1_spo2_max" "d1_spo2_min"
## [19] "d1_sysbp_max" "d1_sysbp_min"
## [21] "d1_sysbp_noninvasive_max" "h1_diasbp_max"
## [23] "h1_diasbp_min" "h1_diasbp_noninvasive_max"
## [25] "h1_diasbp_noninvasive_min" "h1_heartrate_max"
## [27] "h1_heartrate_min" "h1_mbp_max"
## [29] "h1_mbp_min" "h1_mbp_noninvasive_max"
## [31] "h1_mbp_noninvasive_min" "h1_resprate_max"
## [33] "h1_resprate_min" "h1_spo2_max"
## [35] "h1_spo2_min" "h1_sysbp_max"
## [37] "h1_sysbp_min" "h1_sysbp_noninvasive_max"
## [39] "h1_sysbp_noninvasive_min" "d1_glucose_max"
## [41] "d1_glucose_min"
```

median integer imputation

```
for(kolomku in kolom_NA_cat_int){
  data[[kolomku]][is.na(data[[kolomku]])] = median(data[[kolomku]],na.rm=T)
}
```

mode factor imputation

```
for(kolomku in kolom_NA_cat_factor){
  data[[kolomku]][is.na(data[[kolomku]])] = as.numeric(names(sort(-table(data[[kolomku]]))) [1])
  data[[kolomku]] <- as.factor(data[[kolomku]])
}
```

Selecting Feature (Deleting id) because dont depending for evaluation.

```
data <- data %>% select(-c(encounter_id,patient_id,
                           hospital_id,icu_id))
```

Factorizing Dataset

```

kol_char <- names(which(lapply(data,class)=="character"))

for(kol in kol_char){
  mode_impute <- names(sort(-table(data[[kol]])))[1]
  data[[kol]] <- replace(data[[kol]],data[[kol]]=="",mode_impute)
  data[[kol]] <- as.factor(data[[kol]])
}
head(data)

```

```

##   age      bmi elective_surgery ethnicity gender height
## 1  68 22.73000              0 Caucasian      M  180.3
## 2  77 27.42000              0 Caucasian      F  160.0
## 3  25 31.95000              0 Caucasian      F  172.7
## 4  81 22.64000              1 Caucasian      F  165.1
## 5  19 27.65465              0 Caucasian      M  188.0
## 6  67 27.56000              0 Caucasian      M  190.5
##
##           icu_admit_source icu_stay_type      icu_type pre_icu_los_days weight
## 1                Floor      admit      CTICU      0.541666667    73.9
## 2                Floor      admit Med-Surg ICU      0.927777778    70.2
## 3      Accident & Emergency      admit Med-Surg ICU      0.000694444    95.3
## 4 Operating Room / Recovery      admit      CTICU      0.000694444    61.7
## 5      Accident & Emergency      admit Med-Surg ICU      0.073611111    80.3
## 6      Accident & Emergency      admit Med-Surg ICU      0.000694444   100.0
##
## apache_2_diagnosis apache_3j_diagnosis apache_post_operative arf_apache
## 1                113                502.01                0                0
## 2                108                203.01                0                0
## 3                122                703.03                0                0
## 4                203                1206.03                1                0
## 5                119                601.01                0                0
## 6                301                403.01                0                0
##
## gcs_eyes_apache gcs_motor_apache gcs_unable_apache gcs_verbal_apache
## 1                3                6                0                4
## 2                1                3                0                1
## 3                3                6                0                5
## 4                4                6                0                5
## 5                4                6                0                5
## 6                4                6                0                5
##
## heart_rate_apache intubated_apache map_apache resprate_apache temp_apache
## 1                118                0                40                36        39.3
## 2                120                0                46                33        35.1
## 3                102                0                68                37        36.7
## 4                114                1                60                4        34.8
## 5                60                0               103                16        36.7
## 6                113                0               130                35        36.6
##
## ventilated_apache d1_diasbp_max d1_diasbp_min d1_diasbp_noninvasive_max
## 1                0                68                37                68
## 2                1                95                31                95
## 3                0                88                48                88
## 4                1                48                42                48
## 5                0                99                57                99
## 6                0               100                61               100
##
## d1_diasbp_noninvasive_min d1_heartrate_max d1_heartrate_min d1_mbp_max
## 1                37                119                72                89

```

## 2		31		118		72		120
## 3		48		96		68		102
## 4		42		116		92		84
## 5		57		89		60		104
## 6		61		113		83		127
##	d1_mbp_min	d1_mbp_noninvasive_max	d1_mbp_noninvasive_min	d1_resprate_max				
## 1	46		89		46			34
## 2	38		120		38			32
## 3	68		102		68			21
## 4	84		84		84			23
## 5	90		104		90			18
## 6	80		127		80			32
##	d1_resprate_min	d1_spo2_max	d1_spo2_min	d1_sysbp_max	d1_sysbp_min			
## 1	10	100	74	131	73			
## 2	12	100	70	159	67			
## 3	8	98	91	148	105			
## 4	7	100	95	158	84			
## 5	16	100	96	147	120			
## 6	10	97	91	173	107			
##	d1_sysbp_noninvasive_max	d1_sysbp_noninvasive_min	d1_temp_max	d1_temp_min				
## 1		131		73	39.9			37.2
## 2		159		67	36.3			35.1
## 3		148		105	37.0			36.7
## 4		158		84	38.0			34.8
## 5		147		120	37.2			36.7
## 6		173		107	36.8			36.6
##	h1_diasbp_max	h1_diasbp_min	h1_diasbp_noninvasive_max					
## 1	68	63		68				
## 2	61	48		61				
## 3	88	58		88				
## 4	62	44		74				
## 5	99	68		99				
## 6	89	89		89				
##	h1_diasbp_noninvasive_min	h1_heartrate_max	h1_heartrate_min	h1_mbp_max				
## 1		63	119	108	86			
## 2		48	114	100	85			
## 3		58	96	78	91			
## 4		62	100	96	92			
## 5		68	89	76	104			
## 6		89	83	83	111			
##	h1_mbp_min	h1_mbp_noninvasive_max	h1_mbp_noninvasive_min	h1_resprate_max				
## 1	85		86		85			26
## 2	57		85		57			31
## 3	83		91		83			20
## 4	71		90		79			12
## 5	92		104		92			21
## 6	111		111		111			12
##	h1_resprate_min	h1_spo2_max	h1_spo2_min	h1_sysbp_max	h1_sysbp_min			
## 1	18	100	74	131	115			
## 2	28	95	70	95	71			
## 3	16	98	91	148	124			
## 4	11	100	99	136	106			
## 5	16	100	100	130	120			
## 6	12	97	97	143	143			

```
## h1_sysbp_noninvasive_max h1_sysbp_noninvasive_min d1_glucose_max
## 1 131 115 168
## 2 95 71 145
## 3 148 124 150
## 4 130 115 185
## 5 130 120 150
## 6 143 143 156
## d1_glucose_min apache_4a_hospital_death_prob apache_4a_icu_death_prob aids
## 1 109 0.10 0.05 0
## 2 128 0.47 0.29 0
## 3 107 0.00 0.00 0
## 4 88 0.04 0.03 0
## 5 107 0.05 0.02 0
## 6 125 0.05 0.02 0
## cirrhosis diabetes_mellitus hepatic_failure immunosuppression leukemia
## 1 0 1 0 0 0
## 2 0 1 0 0 0
## 3 0 0 0 0 0
## 4 0 0 0 0 0
## 5 0 0 0 0 0
## 6 0 1 0 0 0
## lymphoma solid_tumor_with_metastasis apache_3j_bodysystem apache_2_bodysystem
## 1 0 0 Sepsis Cardiovascular
## 2 0 0 Respiratory Respiratory
## 3 0 0 Metabolic Metabolic
## 4 0 0 Cardiovascular Cardiovascular
## 5 0 0 Trauma Trauma
## 6 0 0 Neurological Neurologic
## hospital_death
## 1 0
## 2 0
## 3 0
## 4 0
## 5 0
## 6 0
```

```
data <- data %>%
mutate(hospital_death = case_when(hospital_death == 0 ~ 'Survived',
                                hospital_death == 1 ~ 'Death'))
data$hospital_death <- factor(data$hospital_death,levels = c("Survived","Death"),labels = c("Survived",
str(data)
```

```
## 'data.frame': 91713 obs. of 78 variables:
## $ age : int 68 77 25 81 19 67 59 70 45 50 ...
## $ bmi : num 22.7 27.4 31.9 22.6 27.7 ...
## $ elective_surgery : int 0 0 0 1 0 0 0 0 0 0 ...
## $ ethnicity : Factor w/ 6 levels "African American",...: 3 3 3 3 3 3 3 3 3 3 ...
## $ gender : Factor w/ 2 levels "F","M": 2 1 1 1 2 2 1 2 2 2 ...
## $ height : num 180 160 173 165 188 ...
## $ icu_admit_source : Factor w/ 5 levels "Accident & Emergency",...: 2 2 1 3 1 1 1 1 4 1
## $ icu_stay_type : Factor w/ 3 levels "admit","readmit",...: 1 1 1 1 1 1 1 1 1 1 ...
## $ icu_type : Factor w/ 8 levels "Cardiac ICU",...: 4 5 5 4 5 5 5 5 2 2 ...
## $ pre_icu_los_days : num 0.541667 0.927778 0.000694 0.000694 0.073611 ...
## $ weight : num 73.9 70.2 95.3 61.7 80.3 ...
```

```

## $ apache_2_diagnosis      : int  113 108 122 203 119 301 108 113 116 112 ...
## $ apache_3j_diagnosis    : num  502 203 703 1206 601 ...
## $ apache_post_operative  : int   0  0  0  1  0  0  0  0  0  0 ...
## $ arf_apache             : Factor w/ 2 levels "0","1": 1 1 1 1 1 1 1 1 1 1 ...
## $ gcs_eyes_apache        : Factor w/ 4 levels "1","2","3","4": 3 1 3 4 4 4 4 4 4 4 ...
## $ gcs_motor_apache       : Factor w/ 6 levels "1","2","3","4",...: 6 3 6 6 6 6 6 6 6 6 ...
## $ gcs_unable_apache      : Factor w/ 2 levels "0","1": 1 1 1 1 1 1 1 1 1 1 ...
## $ gcs_verbal_apache      : Factor w/ 5 levels "1","2","3","4",...: 4 1 5 5 5 5 5 5 5 5 ...
## $ heart_rate_apache      : int  118 120 102 114 60 113 133 120 82 94 ...
## $ intubated_apache       : Factor w/ 2 levels "0","1": 1 1 1 2 1 1 2 1 1 1 ...
## $ map_apache             : int   40 46 68 60 103 130 138 60 66 58 ...
## $ resprate_apache        : num   36 33 37 4 16 35 53 28 14 46 ...
## $ temp_apache            : num  39.3 35.1 36.7 34.8 36.7 36.6 35 36.6 36.9 36.3 ...
## $ ventilated_apache      : Factor w/ 2 levels "0","1": 1 2 1 2 1 1 2 2 2 1 ...
## $ d1_diasbp_max          : num   68 95 88 48 99 100 76 84 65 83 ...
## $ d1_diasbp_min          : num   37 31 48 42 57 61 68 46 59 48 ...
## $ d1_diasbp_noninvasive_max : int   68 95 88 48 99 100 76 84 65 83 ...
## $ d1_diasbp_noninvasive_min : int   37 31 48 42 57 61 68 46 59 48 ...
## $ d1_hearttrate_max      : num  119 118 96 116 89 113 112 118 82 96 ...
## $ d1_hearttrate_min      : num   72 72 68 92 60 83 70 86 82 57 ...
## $ d1_mbp_max             : int   89 120 102 84 104 127 117 114 93 101 ...
## $ d1_mbp_min             : int   46 38 68 84 90 80 97 60 71 59 ...
## $ d1_mbp_noninvasive_max : num   89 120 102 84 104 127 117 114 93 101 ...
## $ d1_mbp_noninvasive_min : num   46 38 68 84 90 80 97 60 71 59 ...
## $ d1_resprate_max        : num   34 32 21 23 18 32 38 28 24 44 ...
## $ d1_resprate_min        : num   10 12 8 7 16 10 16 12 19 14 ...
## $ d1_spo2_max            : num  100 100 98 100 100 97 100 100 97 100 ...
## $ d1_spo2_min            : num   74 70 91 95 96 91 87 92 97 96 ...
## $ d1_sysbp_max           : num  131 159 148 158 147 173 151 147 104 135 ...
## $ d1_sysbp_min           : num   73 67 105 84 120 107 133 71 98 78 ...
## $ d1_sysbp_noninvasive_max : num  131 159 148 158 147 173 151 147 104 135 ...
## $ d1_sysbp_noninvasive_min : num   73 67 105 84 120 107 133 71 98 78 ...
## $ d1_temp_max            : num  39.9 36.3 37 38 37.2 36.8 37.2 38.5 36.9 37.1 ...
## $ d1_temp_min            : num  37.2 35.1 36.7 34.8 36.7 36.6 35 36.6 36.9 36.4 ...
## $ h1_diasbp_max          : num   68 61 88 62 99 89 107 74 65 83 ...
## $ h1_diasbp_min          : num   63 48 58 44 68 89 79 55 59 61 ...
## $ h1_diasbp_noninvasive_max : int   68 61 88 74 99 89 74 74 65 83 ...
## $ h1_diasbp_noninvasive_min : int   63 48 58 62 68 89 62 55 59 61 ...
## $ h1_hearttrate_max      : int  119 114 96 100 89 83 79 118 82 96 ...
## $ h1_hearttrate_min      : int  108 100 78 96 76 83 72 114 82 60 ...
## $ h1_mbp_max             : num   86 85 91 92 104 111 117 88 93 101 ...
## $ h1_mbp_min             : num   85 57 83 71 92 111 117 60 71 77 ...
## $ h1_mbp_noninvasive_max : int   86 85 91 90 104 111 117 88 93 101 ...
## $ h1_mbp_noninvasive_min : int   85 57 83 79 92 111 117 60 71 77 ...
## $ h1_resprate_max        : num   26 31 20 12 21 12 18 28 24 29 ...
## $ h1_resprate_min        : num   18 28 16 11 16 12 18 26 19 17 ...
## $ h1_spo2_max            : num  100 95 98 100 100 97 100 96 97 100 ...
## $ h1_spo2_min            : num   74 70 91 99 100 97 100 92 97 96 ...
## $ h1_sysbp_max           : num  131 95 148 136 130 143 191 119 104 135 ...
## $ h1_sysbp_min           : num  115 71 124 106 120 143 163 106 98 103 ...
## $ h1_sysbp_noninvasive_max : num  131 95 148 130 130 143 130 119 104 135 ...
## $ h1_sysbp_noninvasive_min : num  115 71 124 115 120 143 115 106 98 103 ...
## $ d1_glucose_max         : num  168 145 150 185 150 156 197 129 365 134 ...
## $ d1_glucose_min         : num  109 128 107 88 107 125 129 129 288 134 ...

```

```
## $ apache_4a_hospital_death_prob: num 0.1 0.47 0 0.04 0.05 0.05 0.1 0.11 0.05 0.02 ...
## $ apache_4a_icu_death_prob      : num 0.05 0.29 0 0.03 0.02 0.02 0.05 0.06 0.02 0.01 ...
## $ aids                          : Factor w/ 2 levels "0","1": 1 1 1 1 1 1 1 1 1 1 ...
## $ cirrhosis                    : Factor w/ 2 levels "0","1": 1 1 1 1 1 1 1 1 1 1 ...
## $ diabetes_mellitus            : Factor w/ 2 levels "0","1": 2 2 1 1 1 2 2 1 1 1 ...
## $ hepatic_failure              : Factor w/ 2 levels "0","1": 1 1 1 1 1 1 1 1 1 1 ...
## $ immunosuppression            : Factor w/ 2 levels "0","1": 1 1 1 1 1 1 1 2 1 1 ...
## $ leukemia                     : Factor w/ 2 levels "0","1": 1 1 1 1 1 1 1 1 1 1 ...
## $ lymphoma                     : Factor w/ 2 levels "0","1": 1 1 1 1 1 1 1 1 1 1 ...
## $ solid_tumor_with_metastasis  : Factor w/ 2 levels "0","1": 1 1 1 1 1 1 1 1 1 1 ...
## $ apache_3j_bodysystem        : Factor w/ 11 levels "Cardiovascular",...: 10 9 6 1 11 8 9 10 1 1 ..
## $ apache_2_bodysystem         : Factor w/ 10 levels "Cardiovascular",...: 1 7 4 1 8 5 7 1 1 1 ...
## $ hospital_death              : Factor w/ 2 levels "Survived","Death": 1 1 1 1 1 1 1 1 2 1 ...
```

## feature engineering

### averaging dataset

```
data$d1_diasbp <- (data$d1_diasbp_min +
  data$d1_diasbp_max)/2
data$d1_diasbp_noninvasive <- (data$d1_diasbp_noninvasive_min +
  data$d1_diasbp_noninvasive_max)/2
data$d1_hearttrate <- (data$d1_hearttrate_min +
  data$d1_hearttrate_max) / 2
data$d1_mbp <- (data$d1_mbp_max + data$d1_mbp_min)/2
data$d1_mbp_noninvasive <- (data$d1_mbp_noninvasive_max +
  data$d1_mbp_noninvasive_min)/2
data$d1_glucose <- (data$d1_glucose_max + data$d1_glucose_min)/2
data$d1_resprate <- (data$d1_resprate_min + data$d1_resprate_max)/2
data$d1_sysbp <- (data$d1_sysbp_min + data$d1_sysbp_max)/2
data$d1_sysbp_noninvasive <- (data$d1_sysbp_noninvasive_max +
  data$d1_sysbp_noninvasive_min)/2
data$d1_temp <- (data$d1_temp_min + data$d1_temp_max)/2
data$h1_diasbp <- (data$h1_diasbp_max + data$h1_diasbp_min)/2
data$h1_diasbp_noninvasive <- (data$h1_diasbp_noninvasive_min +
  data$h1_diasbp_noninvasive_max)/2
data$h1_hearttrate <- (data$h1_hearttrate_min + data$h1_hearttrate_max)/2
data$h1_mbp <- (data$h1_mbp_max + data$h1_mbp_min)/2
data$h1_mbp_noninvasive <- (data$h1_mbp_noninvasive_max +
  data$h1_mbp_noninvasive_min)/2
data$h1_resprate <- (data$h1_resprate_min + data$h1_resprate_max)
data$h1_spo2 <- (data$h1_spo2_min + data$h1_spo2_max)/2
data$h1_sysbp <- (data$h1_sysbp_max + data$h1_sysbp_min)/2
data$h1_sysbp_noninvasive <- (data$h1_sysbp_noninvasive_max +
  data$h1_diasbp_noninvasive_min)/2

data <- data %>% select(-c(d1_diasbp_min,d1_diasbp_max,
  d1_diasbp_noninvasive_max,
  d1_diasbp_noninvasive_min,
  d1_glucose_max,d1_glucose_min,
  d1_hearttrate_max,d1_hearttrate_min,
```

```

d1_mbp_max,d1_mbp_min,
d1_mbp_noninvasive_max,
d1_mbp_min,d1_resprate_min,
d1_resprate_max,
d1_spo2_max,d1_spo2_min,
d1_sysbp_max,d1_sysbp_min,
d1_sysbp_max,d1_sysbp_min,
d1_sysbp_noninvasive_max,
d1_sysbp_noninvasive_min,
d1_temp_max,d1_temp_min, h1_diasbp_max,
h1_diasbp_min,h1_diasbp_noninvasive_max,
h1_diasbp_noninvasive_min,
h1_heartrate_max,h1_heartrate_min,
h1_mbp_min,h1_mbp_max,h1_mbp_noninvasive_max,
h1_mbp_noninvasive_min,
h1_resprate_max,h1_resprate_min,
h1_spo2_max,h1_spo2_min,
h1_sysbp_max,h1_sysbp_min,
h1_sysbp_noninvasive_min,
h1_sysbp_noninvasive_max))
names(data)

```

```

## [1] "age" "bmi"
## [3] "elective_surgery" "ethnicity"
## [5] "gender" "height"
## [7] "icu_admit_source" "icu_stay_type"
## [9] "icu_type" "pre_icu_los_days"
## [11] "weight" "apache_2_diagnosis"
## [13] "apache_3j_diagnosis" "apache_post_operative"
## [15] "arf_apache" "gcs_eyes_apache"
## [17] "gcs_motor_apache" "gcs_unable_apache"
## [19] "gcs_verbal_apache" "heart_rate_apache"
## [21] "intubated_apache" "map_apache"
## [23] "resprate_apache" "temp_apache"
## [25] "ventilated_apache" "d1_mbp_noninvasive_min"
## [27] "apache_4a_hospital_death_prob" "apache_4a_icu_death_prob"
## [29] "aids" "cirrhosis"
## [31] "diabetes_mellitus" "hepatic_failure"
## [33] "immunosuppression" "leukemia"
## [35] "lymphoma" "solid_tumor_with_metastasis"
## [37] "apache_3j_bodysystem" "apache_2_bodysystem"
## [39] "hospital_death" "d1_diasbp"
## [41] "d1_diasbp_noninvasive" "d1_heartrate"
## [43] "d1_mbp" "d1_mbp_noninvasive"
## [45] "d1_glucose" "d1_resprate"
## [47] "d1_sysbp" "d1_sysbp_noninvasive"
## [49] "d1_temp" "h1_diasbp"
## [51] "h1_diasbp_noninvasive" "h1_heartrate"
## [53] "h1_mbp" "h1_mbp_noninvasive"
## [55] "h1_resprate" "h1_spo2"
## [57] "h1_sysbp" "h1_sysbp_noninvasive"

```



## Delete Multicollinearity

### singularities

```
model_logit <- glm(hospital_death ~ .,family=binomial,data=data)
summary(model_logit)
```

```
##
## Call:
## glm(formula = hospital_death ~ ., family = binomial, data = data)
##
## Deviance Residuals:
##      Min       1Q   Median       3Q      Max
## -2.6246  -0.3656  -0.2248  -0.1353   3.5881
##
## Coefficients: (6 not defined because of singularities)
##              Estimate Std. Error z value
## (Intercept)    1.295e+01  9.317e-01  13.901
## age            2.447e-02  1.076e-03  22.735
## bmi           -2.323e-04  7.140e-03  -0.033
## elective_surgery -6.882e-01  9.434e-02  -7.295
## ethnicityAsian   2.722e-02  1.358e-01   0.201
## ethnicityCaucasian 5.955e-02  4.864e-02   1.224
## ethnicityHispanic 1.173e-01  8.029e-02   1.461
## ethnicityNative American 9.157e-02  1.549e-01   0.591
## ethnicityOther/Unknown 3.449e-02  8.041e-02   0.429
## genderM         8.122e-02  3.782e-02   2.147
## height          1.282e-03  3.146e-03   0.408
## icu_admit_sourceFloor 1.667e-01  3.636e-02   4.584
## icu_admit_sourceOperating Room / Recovery -3.510e-01  1.010e-01  -3.475
## icu_admit_sourceOther Hospital 4.246e-01  7.359e-02   5.770
## icu_admit_sourceOther ICU 1.289e+00  1.266e-01  10.183
## icu_stay_typereadmit 2.300e-01  1.832e-01   1.255
## icu_stay_typetransfer -2.968e-01  5.889e-02  -5.039
## icu_typeCCU-CTICU -1.218e-01  7.687e-02  -1.585
## icu_typeCSICU -4.809e-01  9.624e-02  -4.997
## icu_typeCTICU -1.335e-01  9.771e-02  -1.366
## icu_typeMed-Surg ICU -1.742e-01  6.030e-02  -2.889
## icu_typeMICU -7.728e-02  7.068e-02  -1.093
## icu_typeNeuro ICU 2.799e-02  7.925e-02   0.353
## icu_typeSICU -3.293e-02  8.356e-02  -0.394
## pre_icu_los_days 3.329e-02  4.356e-03   7.641
## weight         -2.016e-03  2.563e-03  -0.787
## apache_2_diagnosis -1.362e-04  2.180e-04  -0.625
## apache_3j_diagnosis 3.202e-03  3.765e-04   8.505
## apache_post_operative -3.298e+00  4.238e-01  -7.782
## arf_apache1      3.657e-01  7.265e-02   5.034
## gcs_eyes_apache2 -3.063e-01  6.598e-02  -4.641
## gcs_eyes_apache3 -3.881e-01  7.004e-02  -5.541
## gcs_eyes_apache4 -4.396e-01  7.440e-02  -5.908
## gcs_motor_apache2 2.241e-01  1.469e-01   1.526
## gcs_motor_apache3 2.124e-02  1.209e-01   0.176
## gcs_motor_apache4 -4.804e-01  6.538e-02  -7.347
```

## gcs_motor_apache5	-5.723e-01	7.013e-02	-8.160
## gcs_motor_apache6	-7.572e-01	8.019e-02	-9.443
## gcs_unable_apache1	9.200e-01	1.013e-01	9.086
## gcs_verbal_apache2	3.147e-01	8.243e-02	3.818
## gcs_verbal_apache3	1.043e-03	7.393e-02	0.014
## gcs_verbal_apache4	2.312e-01	6.258e-02	3.694
## gcs_verbal_apache5	-1.261e-01	6.320e-02	-1.995
## heart_rate_apache	1.944e-03	7.113e-04	2.733
## intubated_apache1	1.253e-02	3.843e-02	0.326
## map_apache	1.254e-03	3.659e-04	3.426
## resprate_apache	7.753e-03	1.257e-03	6.166
## temp_apache	-5.689e-02	2.027e-02	-2.806
## ventilated_apache1	8.658e-01	3.810e-02	22.726
## d1_mbp_noninvasive_min	-2.295e-02	1.285e-03	-17.862
## apache_4a_hospital_death_prob	9.991e-01	1.352e-01	7.392
## apache_4a_icu_death_prob	3.535e-01	1.485e-01	2.380
## aids1	3.868e-01	3.853e-01	1.004
## cirrhosis1	4.263e-01	1.047e-01	4.072
## diabetes_mellitus1	-2.274e-01	3.679e-02	-6.180
## hepatic_failure1	4.060e-01	1.127e-01	3.603
## immunosuppression1	3.021e-01	7.225e-02	4.181
## leukemia1	3.407e-01	1.240e-01	2.748
## lymphoma1	2.861e-01	1.632e-01	1.753
## solid_tumor_with_metastasis1	7.528e-01	7.641e-02	9.853
## apache_3j_bodysystemGastrointestinal	-6.454e-01	9.071e-02	-7.115
## apache_3j_bodysystemGenitourinary	-1.077e+01	6.318e+01	-0.170
## apache_3j_bodysystemGynecological	-1.166e+01	6.318e+01	-0.185
## apache_3j_bodysystemHematological	-1.949e+00	3.025e-01	-6.443
## apache_3j_bodysystemMetabolic	-3.179e+00	2.445e-01	-13.004
## apache_3j_bodysystemMusculoskeletal/Skin	-7.014e-01	3.597e-01	-1.950
## apache_3j_bodysystemNeurological	-7.963e-01	1.210e-01	-6.584
## apache_3j_bodysystemRespiratory	-4.038e-01	5.592e-02	-7.220
## apache_3j_bodysystemSepsis	-1.197e+00	1.496e-01	-7.998
## apache_3j_bodysystemTrauma	-1.511e+00	1.924e-01	-7.851
## apache_2_bodysystemGastrointestinal	NA	NA	NA
## apache_2_bodysystemHaematologic	NA	NA	NA
## apache_2_bodysystemMetabolic	NA	NA	NA
## apache_2_bodysystemNeurologic	NA	NA	NA
## apache_2_bodysystemRenal/Genitourinary	8.289e+00	6.318e+01	0.131
## apache_2_bodysystemRespiratory	NA	NA	NA
## apache_2_bodysystemTrauma	NA	NA	NA
## apache_2_bodysystemUndefined diagnoses	-1.426e+00	1.770e-01	-8.055
## apache_2_bodysystemUndefined Diagnoses	-2.520e+00	3.803e-01	-6.628
## d1_diasbp	-2.918e-02	1.011e-02	-2.887
## d1_diasbp_noninvasive	2.123e-02	1.024e-02	2.073
## d1_heartrate	1.139e-02	1.456e-03	7.820
## d1_mbp	-4.896e-03	6.528e-03	-0.750
## d1_mbp_noninvasive	1.175e-02	6.778e-03	1.733
## d1_glucose	2.117e-03	2.695e-04	7.857
## d1_resprate	1.216e-02	2.996e-03	4.058
## d1_sysbp	-1.632e-02	8.040e-03	-2.030
## d1_sysbp_noninvasive	6.473e-03	8.068e-03	0.802
## d1_temp	-3.314e-01	3.021e-02	-10.971
## h1_diasbp	5.582e-03	5.003e-03	1.116

## h1_diasbp_noninvasive	-2.883e-05	5.389e-03	-0.005
## h1_heartrate	-1.132e-03	1.078e-03	-1.050
## h1_mbp	-3.872e-03	4.834e-03	-0.801
## h1_mbp_noninvasive	-6.318e-03	4.853e-03	-1.302
## h1_resprate	9.915e-03	1.378e-03	7.198
## h1_spo2	-2.255e-02	2.497e-03	-9.033
## h1_sysbp	-5.225e-04	2.043e-03	-0.256
## h1_sysbp_noninvasive	2.212e-03	3.347e-03	0.661
##	Pr(> z )		
## (Intercept)	< 2e-16	***	
## age	< 2e-16	***	
## bmi	0.974053		
## elective_surgery	2.98e-13	***	
## ethnicityAsian	0.841081		
## ethnicityCaucasian	0.220838		
## ethnicityHispanic	0.143890		
## ethnicityNative American	0.554532		
## ethnicityOther/Unknown	0.667923		
## genderM	0.031759	*	
## height	0.683608		
## icu_admit_sourceFloor	4.57e-06	***	
## icu_admit_sourceOperating Room / Recovery	0.000511	***	
## icu_admit_sourceOther Hospital	7.93e-09	***	
## icu_admit_sourceOther ICU	< 2e-16	***	
## icu_stay_typereadmit	0.209345		
## icu_stay_typetransfer	4.68e-07	***	
## icu_typeCCU-CTICU	0.113037		
## icu_typeCSICU	5.81e-07	***	
## icu_typeCTICU	0.171952		
## icu_typeMed-Surg ICU	0.003861	**	
## icu_typeMICU	0.274224		
## icu_typeNeuro ICU	0.723917		
## icu_typeSICU	0.693502		
## pre_icu_los_days	2.16e-14	***	
## weight	0.431456		
## apache_2_diagnosis	0.532262		
## apache_3j_diagnosis	< 2e-16	***	
## apache_post_operative	7.14e-15	***	
## arf_apache1	4.81e-07	***	
## gcs_eyes_apache2	3.46e-06	***	
## gcs_eyes_apache3	3.00e-08	***	
## gcs_eyes_apache4	3.46e-09	***	
## gcs_motor_apache2	0.127041		
## gcs_motor_apache3	0.860543		
## gcs_motor_apache4	2.03e-13	***	
## gcs_motor_apache5	3.36e-16	***	
## gcs_motor_apache6	< 2e-16	***	
## gcs_unable_apache1	< 2e-16	***	
## gcs_verbal_apache2	0.000134	***	
## gcs_verbal_apache3	0.988749		
## gcs_verbal_apache4	0.000221	***	
## gcs_verbal_apache5	0.046074	*	
## heart_rate_apache	0.006273	**	
## intubated_apache1	0.744467		

```

## map_apache 0.000612 ***
## resprate_apache 7.01e-10 ***
## temp_apache 0.005015 **
## ventilated_apache1 < 2e-16 ***
## d1_mbp_noninvasive_min < 2e-16 ***
## apache_4a_hospital_death_prob 1.44e-13 ***
## apache_4a_icu_death_prob 0.017316 *
## aids1 0.315349
## cirrhosis1 4.66e-05 ***
## diabetes_mellitus1 6.40e-10 ***
## hepatic_failure1 0.000315 ***
## immunosuppression1 2.90e-05 ***
## leukemia1 0.006002 **
## lymphoma1 0.079522 .
## solid_tumor_with_metastasis1 < 2e-16 ***
## apache_3j_bodysystemGastrointestinal 1.12e-12 ***
## apache_3j_bodysystemGenitourinary 0.864702
## apache_3j_bodysystemGynecological 0.853569
## apache_3j_bodysystemHematological 1.17e-10 ***
## apache_3j_bodysystemMetabolic < 2e-16 ***
## apache_3j_bodysystemMusculoskeletal/Skin 0.051190 .
## apache_3j_bodysystemNeurological 4.59e-11 ***
## apache_3j_bodysystemRespiratory 5.19e-13 ***
## apache_3j_bodysystemSepsis 1.26e-15 ***
## apache_3j_bodysystemTrauma 4.13e-15 ***
## apache_2_bodysystemGastrointestinal NA
## apache_2_bodysystemHaematologic NA
## apache_2_bodysystemMetabolic NA
## apache_2_bodysystemNeurologic NA
## apache_2_bodysystemRenal/Genitourinary 0.895620
## apache_2_bodysystemRespiratory NA
## apache_2_bodysystemTrauma NA
## apache_2_bodysystemUndefined diagnoses 7.95e-16 ***
## apache_2_bodysystemUndefined Diagnoses 3.40e-11 ***
## d1_diasbp 0.003887 **
## d1_diasbp_noninvasive 0.038132 *
## d1_heartrate 5.28e-15 ***
## d1_mbp 0.453262
## d1_mbp_noninvasive 0.083056 .
## d1_glucose 3.94e-15 ***
## d1_resprate 4.94e-05 ***
## d1_sysbp 0.042369 *
## d1_sysbp_noninvasive 0.422388
## d1_temp < 2e-16 ***
## h1_diasbp 0.264452
## h1_diasbp_noninvasive 0.995732
## h1_heartrate 0.293619
## h1_mbp 0.423143
## h1_mbp_noninvasive 0.192945
## h1_resprate 6.13e-13 ***
## h1_spo2 < 2e-16 ***
## h1_sysbp 0.798175
## h1_sysbp_noninvasive 0.508757
## ---

```

```
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
##      Null deviance: 53908  on 91712  degrees of freedom
## Residual deviance: 38628  on 91621  degrees of freedom
## AIC: 38812
##
## Number of Fisher Scoring iterations: 11
```

ada attribute yang bernilai NA dikarenakan ada suatu Singularitas, atau kemungkinan ada suatu Multi-collinearity

Dikarenakan adanya singularitas, maka ada Multicollinearity

```
data <- data %>% select(-c apache_2_bodysystem))
model_logit <- glm(hospital_death ~ ., family=binomial, data=data)
summary(model_logit)
```

```
##
## Call:
## glm(formula = hospital_death ~ ., family = binomial, data = data)
##
## Deviance Residuals:
##      Min       1Q   Median       3Q      Max
## -2.6217  -0.3663  -0.2267  -0.1376   3.5943
##
## Coefficients:
##              Estimate Std. Error z value
## (Intercept)    13.2044509  0.9317495  14.172
## age             0.0243373  0.0010769  22.598
## bmi             0.0003327  0.0071374   0.047
## elective_surgery -0.7477388  0.0937334 -7.977
## ethnicityAsian   0.0246090  0.1356087   0.181
## ethnicityCaucasian 0.0564878  0.0486330   1.162
## ethnicityHispanic 0.1167822  0.0802230   1.456
## ethnicityNative American 0.0896774  0.1548415   0.579
## ethnicityOther/Unknown 0.0303726  0.0803523   0.378
## genderM         0.0739105  0.0378289   1.954
## height          0.0013751  0.0031460   0.437
## icu_admit_sourceFloor 0.1709878  0.0363851   4.699
## icu_admit_sourceOperating Room / Recovery -0.3423652  0.1012424 -3.382
## icu_admit_sourceOther Hospital 0.4299846  0.0736350   5.839
## icu_admit_sourceOther ICU 1.3870554  0.1259131  11.016
## icu_stay_typereadmit 0.2650091  0.1828207   1.450
## icu_stay_typetransfer -0.2913183  0.0587669 -4.957
## icu_typeCCU-CTICU -0.1328844  0.0768388 -1.729
## icu_typeCSICU    -0.5148517  0.0960569 -5.360
## icu_typeCTICU    -0.1927730  0.0973279 -1.981
## icu_typeMed-Surg ICU -0.1737967  0.0603245 -2.881
## icu_typeMICU     -0.0784274  0.0707182 -1.109
## icu_typeNeuro ICU  0.0297931  0.0793354   0.376
```

## icu_typeSICU	-0.0429090	0.0835262	-0.514
## pre_icu_los_days	0.0328321	0.0043686	7.515
## weight	-0.0022352	0.0025624	-0.872
## apache_2_diagnosis	-0.0005280	0.0002161	-2.443
## apache_3j_diagnosis	0.0026771	0.0003682	7.271
## apache_post_operative	-2.7715716	0.4125770	-6.718
## arf_apache1	0.3708484	0.0726017	5.108
## gcs_eyes_apache2	-0.3011241	0.0660114	-4.562
## gcs_eyes_apache3	-0.3859150	0.0700414	-5.510
## gcs_eyes_apache4	-0.4343039	0.0743959	-5.838
## gcs_motor_apache2	0.2387984	0.1470905	1.623
## gcs_motor_apache3	0.0333695	0.1209099	0.276
## gcs_motor_apache4	-0.4650679	0.0653510	-7.116
## gcs_motor_apache5	-0.5531070	0.0701040	-7.890
## gcs_motor_apache6	-0.7409417	0.0801029	-9.250
## gcs_unable_apache1	0.9158402	0.1010952	9.059
## gcs_verbal_apache2	0.3085180	0.0824544	3.742
## gcs_verbal_apache3	0.0034636	0.0738690	0.047
## gcs_verbal_apache4	0.2324079	0.0625426	3.716
## gcs_verbal_apache5	-0.1162570	0.0630917	-1.843
## heart_rate_apache	0.0018961	0.0007115	2.665
## intubated_apache1	0.0009896	0.0383582	0.026
## map_apache	0.0012865	0.0003651	3.523
## resprate_apache	0.0076883	0.0012554	6.124
## temp_apache	-0.0509630	0.0202678	-2.514
## ventilated_apache1	0.8464675	0.0380977	22.218
## d1_mbp_noninvasive_min	-0.0231848	0.0012848	-18.045
## apache_4a_hospital_death_prob	1.0829532	0.1360271	7.961
## apache_4a_icu_death_prob	0.3286380	0.1494344	2.199
## aids1	0.3928768	0.3849558	1.021
## cirrhosis1	0.4273153	0.1046700	4.082
## diabetes_mellitus1	-0.2395560	0.0366886	-6.529
## hepatic_failure1	0.3994222	0.1126018	3.547
## immunosuppression1	0.3058148	0.0723017	4.230
## leukemia1	0.3347209	0.1240654	2.698
## lymphoma1	0.2849948	0.1632175	1.746
## solid_tumor_with_metastasis1	0.7562412	0.0765511	9.879
## apache_3j_bodysystemGastrointestinal	-0.4662466	0.0893951	-5.216
## apache_3j_bodysystemGenitourinary	-1.9870340	0.2978638	-6.671
## apache_3j_bodysystemGynecological	-2.8734089	0.7672454	-3.745
## apache_3j_bodysystemHematological	-1.5059689	0.2967752	-5.074
## apache_3j_bodysystemMetabolic	-2.8167111	0.2392724	-11.772
## apache_3j_bodysystemMusculoskeletal/Skin	-1.9894162	0.3455704	-5.757
## apache_3j_bodysystemNeurological	-0.5796708	0.1184559	-4.894
## apache_3j_bodysystemRespiratory	-0.3196892	0.0555153	-5.759
## apache_3j_bodysystemSepsis	-0.9804454	0.1467636	-6.680
## apache_3j_bodysystemTrauma	-1.2227654	0.1894552	-6.454
## d1_diasbp	-0.0291667	0.0100884	-2.891
## d1_diasbp_noninvasive	0.0209703	0.0102222	2.051
## d1_heartrate	0.0113617	0.0014571	7.798
## d1_mbp	-0.0047922	0.0065151	-0.736
## d1_mbp_noninvasive	0.0119046	0.0067673	1.759
## d1_glucose	0.0021970	0.0002695	8.153
## d1_resprate	0.0116968	0.0029964	3.904

## d1_sysbp	-0.0168286	0.0080933	-2.079
## d1_sysbp_noninvasive	0.0071075	0.0081221	0.875
## d1_temp	-0.3421224	0.0302051	-11.327
## h1_diasbp	0.0071055	0.0049590	1.433
## h1_diasbp_noninvasive	-0.0013949	0.0053507	-0.261
## h1_heartrate	-0.0010860	0.0010781	-1.007
## h1_mbp	-0.0029331	0.0047865	-0.613
## h1_mbp_noninvasive	-0.0073600	0.0048064	-1.531
## h1_resprate	0.0102127	0.0013767	7.418
## h1_spo2	-0.0229028	0.0024881	-9.205
## h1_sysbp	-0.0005036	0.0020410	-0.247
## h1_sysbp_noninvasive	0.0022868	0.0033455	0.684
##	Pr(> z )		
## (Intercept)	< 2e-16	***	
## age	< 2e-16	***	
## bmi	0.962818		
## elective_surgery	1.50e-15	***	
## ethnicityAsian	0.855998		
## ethnicityCaucasian	0.245434		
## ethnicityHispanic	0.145470		
## ethnicityNative American	0.562484		
## ethnicityOther/Unknown	0.705436		
## genderM	0.050724	.	
## height	0.662043		
## icu_admit_sourceFloor	2.61e-06	***	
## icu_admit_sourceOperating Room / Recovery	0.000721	***	
## icu_admit_sourceOther Hospital	5.24e-09	***	
## icu_admit_sourceOther ICU	< 2e-16	***	
## icu_stay_typereadmit	0.147182		
## icu_stay_typetransfer	7.15e-07	***	
## icu_typeCCU-CTICU	0.083739	.	
## icu_typeCSICU	8.33e-08	***	
## icu_typeCTICU	0.047630	*	
## icu_typeMed-Surg ICU	0.003964	**	
## icu_typeMICU	0.267425		
## icu_typeNeuro ICU	0.707264		
## icu_typeSICU	0.607448		
## pre_icu_los_days	5.67e-14	***	
## weight	0.383037		
## apache_2_diagnosis	0.014546	*	
## apache_3j_diagnosis	3.57e-13	***	
## apache_post_operative	1.85e-11	***	
## arf_apache1	3.26e-07	***	
## gcs_eyes_apache2	5.07e-06	***	
## gcs_eyes_apache3	3.59e-08	***	
## gcs_eyes_apache4	5.29e-09	***	
## gcs_motor_apache2	0.104487		
## gcs_motor_apache3	0.782559		
## gcs_motor_apache4	1.11e-12	***	
## gcs_motor_apache5	3.03e-15	***	
## gcs_motor_apache6	< 2e-16	***	
## gcs_unable_apache1	< 2e-16	***	
## gcs_verbal_apache2	0.000183	***	
## gcs_verbal_apache3	0.962602		

```

## gcs_verbal_apache4          0.000202 ***
## gcs_verbal_apache5          0.065378 .
## heart_rate_apache           0.007704 **
## intubated_apache1           0.979418
## map_apache                   0.000426 ***
## resprate_apache             9.11e-10 ***
## temp_apache                  0.011921 *
## ventilated_apache1          < 2e-16 ***
## d1_mbp_noninvasive_min       < 2e-16 ***
## apache_4a_hospital_death_prob 1.70e-15 ***
## apache_4a_icu_death_prob     0.027863 *
## aids1                        0.307455
## cirrhosis1                   4.46e-05 ***
## diabetes_mellitus1           6.60e-11 ***
## hepatic_failure1             0.000389 ***
## immunosuppression1           2.34e-05 ***
## leukemia1                    0.006977 **
## lymphoma1                     0.080793 .
## solid_tumor_with_metastasis1 < 2e-16 ***
## apache_3j_bodysystemGastrointestinal 1.83e-07 ***
## apache_3j_bodysystemGenitourinary 2.54e-11 ***
## apache_3j_bodysystemGynecological 0.000180 ***
## apache_3j_bodysystemHematological 3.89e-07 ***
## apache_3j_bodysystemMetabolic < 2e-16 ***
## apache_3j_bodysystemMusculoskeletal/Skin 8.57e-09 ***
## apache_3j_bodysystemNeurological 9.90e-07 ***
## apache_3j_bodysystemRespiratory 8.48e-09 ***
## apache_3j_bodysystemSepsis 2.38e-11 ***
## apache_3j_bodysystemTrauma 1.09e-10 ***
## d1_diasbp                    0.003839 **
## d1_diasbp_noninvasive        0.040223 *
## d1_heartrate                 6.31e-15 ***
## d1_mbp                       0.461999
## d1_mbp_noninvasive           0.078554 .
## d1_glucose                   3.54e-16 ***
## d1_resprate                  9.48e-05 ***
## d1_sysbp                     0.037587 *
## d1_sysbp_noninvasive         0.381529
## d1_temp                       < 2e-16 ***
## h1_diasbp                    0.151904
## h1_diasbp_noninvasive        0.794333
## h1_heartrate                 0.313780
## h1_mbp                       0.540019
## h1_mbp_noninvasive           0.125699
## h1_resprate                  1.19e-13 ***
## h1_spo2                       < 2e-16 ***
## h1_sysbp                     0.805120
## h1_sysbp_noninvasive         0.494256
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
## Null deviance: 53908 on 91712 degrees of freedom

```



```
## Residual deviance: 38733 on 91624 degrees of freedom
## AIC: 38911
##
## Number of Fisher Scoring iterations: 7
```

Dihapus Variable yang bernilai

```
data <- data %>% select(-c(d1_sysbp_noninvasive,apache_3j_diagnosis,
                           d1_diasbp_noninvasive,d1_mbp_noninvasive,
                           h1_mbp_noninvasive,h1_diasbp_noninvasive))
model_logit <- glm(hospital_death ~ .,family=binomial,data=data)
summary(model_logit)
```

```
##
## Call:
## glm(formula = hospital_death ~ ., family = binomial, data = data)
##
## Deviance Residuals:
##      Min       1Q   Median       3Q      Max
## -2.6203  -0.3667  -0.2277  -0.1391   3.7398
##
## Coefficients:
##              Estimate Std. Error z value
## (Intercept)    13.3981163  0.9316307  14.381
## age             0.0241325  0.0010728  22.495
## bmi             0.0003668  0.0071219   0.052
## elective_surgery -0.7580741  0.0925732  -8.189
## ethnicityAsian   0.0160493  0.1354371   0.118
## ethnicityCaucasian 0.0540729  0.0486152   1.112
## ethnicityHispanic 0.1125326  0.0801777   1.404
## ethnicityNative American 0.0930028  0.1547638   0.601
## ethnicityOther/Unknown 0.0289549  0.0803077   0.361
## genderM         0.0738126  0.0378101   1.952
## height          0.0014122  0.0031407   0.450
## icu_admit_sourceFloor 0.1702969  0.0363767   4.681
## icu_admit_sourceOperating Room / Recovery -0.3412431  0.1010300  -3.378
## icu_admit_sourceOther Hospital 0.4273718  0.0735508   5.811
## icu_admit_sourceOther ICU 1.6716167  0.1190664  14.039
## icu_stay_typereadmit 0.2814729  0.1828237   1.540
## icu_stay_typetransfer -0.2538450  0.0579494  -4.380
## icu_typeCCU-CTICU -0.1340366  0.0767460  -1.746
## icu_typeCSICU    -0.4981572  0.0959095  -5.194
## icu_typeCTICU    -0.1710235  0.0970516  -1.762
## icu_typeMed-Surg ICU -0.1681338  0.0602101  -2.792
## icu_typeMICU     -0.0757945  0.0706353  -1.073
## icu_typeNeuro ICU  0.0431562  0.0792429   0.545
## icu_typeSICU     -0.0381199  0.0833585  -0.457
## pre_icu_los_days  0.0322615  0.0043788   7.368
## weight          -0.0022286  0.0025567  -0.872
## apache_2_diagnosis -0.0004867  0.0002148  -2.266
## apache_post_operative 0.1191797  0.1151114   1.035
## arf_apache1      0.3639008  0.0725025   5.019
```

## gcs_eyes_apache2	-0.3006715	0.0660096	-4.555
## gcs_eyes_apache3	-0.3867796	0.0700390	-5.522
## gcs_eyes_apache4	-0.4331509	0.0743632	-5.825
## gcs_motor_apache2	0.2374621	0.1471861	1.613
## gcs_motor_apache3	0.0437038	0.1209618	0.361
## gcs_motor_apache4	-0.4593810	0.0653612	-7.028
## gcs_motor_apache5	-0.5464054	0.0701557	-7.788
## gcs_motor_apache6	-0.7369319	0.0801229	-9.198
## gcs_unable_apache1	0.8991899	0.1010340	8.900
## gcs_verbal_apache2	0.3107158	0.0824005	3.771
## gcs_verbal_apache3	0.0032354	0.0738672	0.044
## gcs_verbal_apache4	0.2335764	0.0625116	3.737
## gcs_verbal_apache5	-0.1036367	0.0630306	-1.644
## heart_rate_apache	0.0019380	0.0007118	2.723
## intubated_apache1	-0.0010243	0.0383681	-0.027
## map_apache	0.0012651	0.0003642	3.473
## resprate_apache	0.0076805	0.0012527	6.131
## temp_apache	-0.0486872	0.0202894	-2.400
## ventilated_apache1	0.8343804	0.0379863	21.965
## d1_mbp_noninvasive_min	-0.0226566	0.0012675	-17.876
## apache_4a_hospital_death_prob	1.0959254	0.1356675	8.078
## apache_4a_icu_death_prob	0.3352212	0.1491987	2.247
## aids1	0.3964544	0.3846255	1.031
## cirrhosis1	0.4154687	0.1044862	3.976
## diabetes_mellitus1	-0.2480992	0.0366322	-6.773
## hepatic_failure1	0.3992688	0.1122835	3.556
## immunosuppression1	0.3034573	0.0721981	4.203
## leukemia1	0.3233097	0.1239723	2.608
## lymphoma1	0.2813025	0.1630453	1.725
## solid_tumor_with_metastasis1	0.7458724	0.0763744	9.766
## apache_3j_bodysystemGastrointestinal	0.0504322	0.0554181	0.910
## apache_3j_bodysystemGenitourinary	0.0212062	0.1057222	0.201
## apache_3j_bodysystemGynecological	-1.2579784	0.7336437	-1.715
## apache_3j_bodysystemHematological	0.3180563	0.1589497	2.001
## apache_3j_bodysystemMetabolic	-1.2491257	0.1043241	-11.974
## apache_3j_bodysystemMusculoskeletal/Skin	0.2089520	0.1549879	1.348
## apache_3j_bodysystemNeurological	0.1803356	0.0567796	3.176
## apache_3j_bodysystemRespiratory	-0.0783944	0.0449349	-1.745
## apache_3j_bodysystemSepsis	0.0446141	0.0438163	1.018
## apache_3j_bodysystemTrauma	0.0300445	0.0801309	0.375
## d1_diasbp	-0.0078234	0.0024293	-3.220
## d1_heartrate	0.0113233	0.0014577	7.768
## d1_mbp	0.0056063	0.0026926	2.082
## d1_glucose	0.0022149	0.0002694	8.223
## d1_resprate	0.0115243	0.0029980	3.844
## d1_sysbp	-0.0095729	0.0014873	-6.436
## d1_temp	-0.3407017	0.0302804	-11.252
## h1_diasbp	0.0052778	0.0025246	2.091
## h1_heartrate	-0.0011068	0.0010766	-1.028
## h1_mbp	-0.0092862	0.0023455	-3.959
## h1_resprate	0.0101250	0.0013760	7.358
## h1_spo2	-0.0228517	0.0024842	-9.199
## h1_sysbp	-0.0004683	0.0018680	-0.251
## h1_sysbp_noninvasive	0.0020242	0.0028708	0.705

##	Pr(> z )
## (Intercept)	< 2e-16 ***
## age	< 2e-16 ***
## bmi	0.958921
## elective_surgery	2.64e-16 ***
## ethnicityAsian	0.905672
## ethnicityCaucasian	0.266025
## ethnicityHispanic	0.160456
## ethnicityNative American	0.547884
## ethnicityOther/Unknown	0.718436
## genderM	0.050915 .
## height	0.652965
## icu_admit_sourceFloor	2.85e-06 ***
## icu_admit_sourceOperating Room / Recovery	0.000731 ***
## icu_admit_sourceOther Hospital	6.23e-09 ***
## icu_admit_sourceOther ICU	< 2e-16 ***
## icu_stay_typereadmit	0.123661
## icu_stay_typetransfer	1.18e-05 ***
## icu_typeCCU-CTICU	0.080725 .
## icu_typeCSICU	2.06e-07 ***
## icu_typeCTICU	0.078037 .
## icu_typeMed-Surg ICU	0.005231 **
## icu_typeMICU	0.283253
## icu_typeNeuro ICU	0.586024
## icu_typeSICU	0.647455
## pre_icu_los_days	1.74e-13 ***
## weight	0.383381
## apache_2_diagnosis	0.023437 *
## apache_post_operative	0.300509
## arf_apache1	5.19e-07 ***
## gcs_eyes_apache2	5.24e-06 ***
## gcs_eyes_apache3	3.34e-08 ***
## gcs_eyes_apache4	5.72e-09 ***
## gcs_motor_apache2	0.106670
## gcs_motor_apache3	0.717873
## gcs_motor_apache4	2.09e-12 ***
## gcs_motor_apache5	6.78e-15 ***
## gcs_motor_apache6	< 2e-16 ***
## gcs_unable_apache1	< 2e-16 ***
## gcs_verbal_apache2	0.000163 ***
## gcs_verbal_apache3	0.965063
## gcs_verbal_apache4	0.000187 ***
## gcs_verbal_apache5	0.100129
## heart_rate_apache	0.006478 **
## intubated_apache1	0.978702
## map_apache	0.000514 ***
## resprate_apache	8.72e-10 ***
## temp_apache	0.016411 *
## ventilated_apache1	< 2e-16 ***
## dl_mbp_noninvasive_min	< 2e-16 ***
## apache_4a_hospital_death_prob	6.58e-16 ***
## apache_4a_icu_death_prob	0.024652 *
## aids1	0.302656
## cirrhosis1	7.00e-05 ***

```

## diabetes_mellitus1      1.26e-11 ***
## hepatic_failure1       0.000377 ***
## immunosuppression1     2.63e-05 ***
## leukemia1              0.009109 **
## lymphoma1              0.084473 .
## solid_tumor_with_metastasis1 < 2e-16 ***
## apache_3j_bodysystemGastrointestinal 0.362806
## apache_3j_bodysystemGenitourinary    0.841024
## apache_3j_bodysystemGynecological    0.086400 .
## apache_3j_bodysystemHematological    0.045394 *
## apache_3j_bodysystemMetabolic        < 2e-16 ***
## apache_3j_bodysystemMusculoskeletal/Skin 0.177600
## apache_3j_bodysystemNeurological     0.001493 **
## apache_3j_bodysystemRespiratory      0.081051 .
## apache_3j_bodysystemSepsis           0.308580
## apache_3j_bodysystemTrauma           0.707703
## d1_diasbp                0.001280 **
## d1_heartrate             7.98e-15 ***
## d1_mbp                   0.037332 *
## d1_glucose               < 2e-16 ***
## d1_resprate              0.000121 ***
## d1_sysbp                 1.22e-10 ***
## d1_temp                  < 2e-16 ***
## h1_diasbp                0.036571 *
## h1_heartrate             0.303930
## h1_mbp                   7.52e-05 ***
## h1_resprate              1.87e-13 ***
## h1_spo2                  < 2e-16 ***
## h1_sysbp                 0.802070
## h1_sysbp_noninvasive     0.480758
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
##      Null deviance: 53908  on 91712  degrees of freedom
## Residual deviance: 38800  on 91630  degrees of freedom
## AIC: 38966
##
## Number of Fisher Scoring iterations: 7

```

```

df_vif <- vif(model_logit)
df_vif <- as.data.frame(df_vif)

colnames(df_vif) <- c("GVIF", "Df", "VIF")
df_vif_fil <- df_vif %>% filter(VIF>=5)
df_vif <- df_vif %>% arrange(VIF)
df_vif

```

```

##              GVIF Df      VIF
## aids          1.008823  1 1.004402
## lymphoma      1.018196  1 1.009057
## ethnicity     1.193287  5 1.017828
## leukemia      1.046124  1 1.022802

```

```

## arf_apache          1.052674  1 1.025999
## h1_spo2             1.054743  1 1.027007
## icu_type            1.855363  7 1.045138
## icu_stay_type       1.255271  2 1.058484
## apache_3j_bodysystem 3.917740 10 1.070660
## solid_tumor_with_metastasis 1.148545  1 1.071702
## gcs_unable_apache   1.153381  1 1.073956
## immunosuppression   1.180378  1 1.086452
## diabetes_mellitus   1.196329  1 1.093768
## d1_glucose          1.205784  1 1.098082
## pre_icu_los_days    1.239007  1 1.113107
## age                 1.296938  1 1.138832
## map_apache          1.466491  1 1.210988
## gcs_motor_apache    7.879418  5 1.229276
## cirrhosis           1.526697  1 1.235596
## hepatic_failure     1.532908  1 1.238106
## gcs_verbal_apache   5.829909  4 1.246544
## intubated_apache    1.605045  1 1.266904
## apache_2_diagnosis  1.675275  1 1.294324
## icu_admit_source    8.397254  4 1.304720
## h1_resprate         1.881266  1 1.371593
## d1_mbp_noninvasive_min 1.888473  1 1.374217
## resprate_apache     1.912001  1 1.382751
## ventilated_apache   1.914615  1 1.383696
## gender              1.937537  1 1.391954
## gcs_eyes_apache     7.568812  3 1.401214
## d1_resprate         2.176024  1 1.475135
## temp_apache         2.740330  1 1.655394
## heart_rate_apache   2.745408  1 1.656927
## d1_temp             2.774842  1 1.665786
## h1_heartrate        2.835997  1 1.684042
## elective_surgery    3.618180  1 1.902152
## d1_heartrate        3.691996  1 1.921457
## d1_sysbp            3.949325  1 1.987291
## d1_diasbp           4.973844  1 2.230212
## height              6.192468  1 2.488467
## apache_4a_icu_death_prob 6.582243  1 2.565588
## apache_4a_hospital_death_prob 7.047798  1 2.654769
## apache_post_operative 7.132021  1 2.670584
## d1_mbp              7.583670  1 2.753846
## h1_diasbp           8.397735  1 2.897885
## h1_mbp              9.399459  1 3.065854
## h1_sysbp            11.528199  1 3.395320
## h1_sysbp_noninvasive 15.617315  1 3.951875
## bmi                 18.243810  1 4.271277
## weight              21.303482  1 4.615570

```

«««< HEAD ## Check data after Feature Selection

```
summary(data)
```

```

##      age      bmi      elective_surgery      ethnicity
##  Min.   :16.00  Min.   :14.84  Min.   :0.0000  African American: 9547

```

```

## 1st Qu.:53.00 1st Qu.:23.79 1st Qu.:0.0000 Asian : 1129
## Median :65.00 Median :27.65 Median :0.0000 Caucasian :72079
## Mean :62.43 Mean :29.13 Mean :0.1837 Hispanic : 3796
## 3rd Qu.:75.00 3rd Qu.:32.65 3rd Qu.:0.0000 Native American : 788
## Max. :89.00 Max. :67.81 Max. :1.0000 Other/Unknown : 4374
##
## gender height icu_admit_source icu_stay_type
## F:42219 Min. :137.2 Accident & Emergency :54172 admit :86183
## M:49494 1st Qu.:162.6 Floor :15611 readmit : 560
## Median :170.1 Operating Room / Recovery:18713 transfer: 4970
## Mean :169.6 Other Hospital : 2358
## 3rd Qu.:177.8 Other ICU : 859
## Max. :195.6
##
## icu_type pre_icu_los_days weight apache_2_diagnosis
## Med-Surg ICU:50586 Min. :-24.94722 Min. : 38.60 Min. :101.0
## MICU : 7695 1st Qu.: 0.03542 1st Qu.: 67.30 1st Qu.:113.0
## Neuro ICU : 7675 Median : 0.13889 Median : 80.30 Median :122.0
## CCU-CTICU : 7156 Mean : 0.83577 Mean : 83.92 Mean :184.3
## SICU : 5209 3rd Qu.: 0.40903 3rd Qu.: 96.30 3rd Qu.:301.0
## Cardiac ICU : 4776 Max. :159.09097 Max. :186.00 Max. :308.0
## (Other) : 8616
## apache_post_operative arf_apache gcs_eyes_apache gcs_motor_apache
## Min. :0.0000 0:89167 1: 8274 1: 5543
## 1st Qu.:0.0000 1: 2546 2: 4680 2: 309
## Median :0.0000 3:13863 3: 524
## Mean :0.2011 4:64896 4: 4494
## 3rd Qu.:0.0000 5: 7982
## Max. :1.0000 6:72861
##
## gcs_unable_apache gcs_verbal_apache heart_rate_apache intubated_apache
## 0:90849 1:16741 Min. : 30.00 0:77952
## 1: 864 2: 1940 1st Qu.: 87.00 1:13761
## 3: 3275 Median :104.00
## 4:10947 Mean : 99.75
## 5:58810 3rd Qu.:120.00
## Max. :178.00
##
## map_apache resprate_apache temp_apache ventilated_apache
## Min. : 40.00 Min. : 4.00 Min. :32.10 0:62073
## 1st Qu.: 54.00 1st Qu.:11.00 1st Qu.:36.20 1:29640
## Median : 67.00 Median :28.00 Median :36.50
## Mean : 87.79 Mean :25.84 Mean :36.42
## 3rd Qu.:124.00 3rd Qu.:36.00 3rd Qu.:36.70
## Max. :200.00 Max. :60.00 Max. :39.70
##
## dl_mbp_noninvasive_min apache_4a_hospital_death_prob apache_4a_icu_death_prob
## Min. : 22.00 Min. : -1.0000 Min. : -1.00000
## 1st Qu.: 55.00 1st Qu.: 0.0200 1st Qu.: 0.01000
## Median : 64.00 Median : 0.0500 Median : 0.02000
## Mean : 64.93 Mean : 0.0836 Mean : 0.04188
## 3rd Qu.: 74.00 3rd Qu.: 0.1200 3rd Qu.: 0.06000
## Max. :112.00 Max. : 0.9900 Max. : 0.97000
##

```

```

## aids      cirrhosis diabetes_mellitus hepatic_failure immunosuppression
## 0:91635    0:90285    0:71221          0:90531          0:89332
## 1: 78      1: 1428    1:20492          1: 1182          1: 2381
##
##
##
##
## leukemia lymphoma solid_tumor_with_metastasis apache_3j_bodysystem
## 0:91070    0:91337    0:89835          Cardiovascular :31661
## 1: 643     1: 376     1: 1878          Neurological   :11896
##                                     Sepsis         :11740
##                                     Respiratory    :11609
##                                     Gastrointestinal: 9026
##                                     Metabolic      : 7650
##                                     (Other)        : 8131
##
## hospital_death d1_diasbp d1_heartrate d1_mbp
## Survived:83798 Min. : 29.50 Min. : 29.00 Min. : 41.00
## Death : 7915 1st Qu.: 60.50 1st Qu.: 74.50 1st Qu.: 74.50
## Median : 68.50 Median : 85.50 Median : 83.50
## Mean : 69.32 Mean : 86.66 Mean : 84.76
## 3rd Qu.: 77.00 3rd Qu.: 97.50 3rd Qu.: 94.00
## Max. :127.50 Max. :175.00 Max. :148.00
##
## d1_glucose d1_resprate d1_sysbp d1_temp
## Min. : 53.0 Min. : 7.00 Min. : 65.5 Min. :33.49
## 1st Qu.:109.5 1st Qu.:17.00 1st Qu.:109.0 1st Qu.:36.55
## Median :128.5 Median :19.50 Median :121.0 Median :36.76
## Mean :143.5 Mean :20.86 Mean :122.6 Mean :36.78
## 3rd Qu.:161.0 3rd Qu.:23.00 3rd Qu.:135.0 3rd Qu.:37.05
## Max. :449.5 Max. :96.00 Max. :196.0 Max. :38.85
##
## h1_diasbp h1_heartrate h1_mbp h1_resprate
## Min. : 29.50 Min. : 41.00 Min. : 40.50 Min. : 10.00
## 1st Qu.: 58.50 1st Qu.: 73.50 1st Qu.: 73.00 1st Qu.: 32.00
## Median : 68.00 Median : 86.00 Median : 84.00 Median : 37.00
## Mean : 69.05 Mean : 87.89 Mean : 85.43 Mean : 39.71
## 3rd Qu.: 78.50 3rd Qu.:100.00 3rd Qu.: 96.00 3rd Qu.: 45.00
## Max. :128.00 Max. :154.00 Max. :151.50 Max. :248.00
##
## h1_spo2 h1_sysbp h1_sysbp_noninvasive
## Min. : 0.00 Min. : 64.0 Min. : 48.50
## 1st Qu.: 95.50 1st Qu.:107.0 1st Qu.: 85.50
## Median : 97.50 Median :123.0 Median : 96.00
## Mean : 96.65 Mean :124.7 Mean : 97.99
## 3rd Qu.: 99.00 3rd Qu.:140.0 3rd Qu.:109.00
## Max. :100.00 Max. :208.5 Max. :168.50
##

```

## Balancing Class

```
N_min <- min(unname(table(data$hospital_death)))
data <- ovun.sample(hospital_death ~ ., data=data, N=2*N_min, seed=1234)$data
```

## Splitting Data

```
set.seed(1234)
ind <- sample(2, nrow(data), replace = T, prob = c(0.8, 0.2))
trainData <- data[ind == 1,]
testData <- data[ind == 2,]
trainData
```

##	age	bmi	elective_surgery	ethnicity	gender	height
## 1	72	27.99383	0	Caucasian	M	180.00
## 2	73	27.95332	1	Caucasian	F	163.80
## 3	68	37.25027	0	African American	F	172.70
## 4	80	26.83518	0	Caucasian	F	152.00
## 6	49	24.13270	0	Caucasian	M	175.30
## 7	74	32.00806	0	Caucasian	M	157.50
## 8	74	24.21080	1	Caucasian	M	175.30
## 9	20	36.09375	0	African American	F	160.00
## 10	79	30.19296	0	Caucasian	M	165.10
## 11	49	29.22495	0	Caucasian	M	193.00
## 12	54	17.24264	0	Other/Unknown	F	165.10
## 13	73	23.09188	0	Caucasian	M	177.80
## 15	65	25.81702	0	Caucasian	M	172.70
## 17	67	30.50109	0	Other/Unknown	F	153.00
## 18	59	24.33594	1	Hispanic	M	160.00
## 19	39	38.78934	0	Caucasian	M	175.30
## 20	55	21.48760	0	Caucasian	F	165.00
## 21	61	55.33095	1	Caucasian	M	173.00
## 22	81	25.14449	0	Caucasian	F	152.40
## 23	60	25.14286	0	Caucasian	M	175.00
## 24	83	26.21152	0	Caucasian	F	162.60
## 25	47	39.84375	0	Caucasian	F	160.00
## 27	60	31.55036	0	Other/Unknown	F	165.10
## 30	67	59.15557	1	Caucasian	F	162.60
## 31	44	21.96382	0	Caucasian	F	154.90
## 32	48	27.44148	1	Hispanic	F	165.10
## 33	73	35.60918	0	Caucasian	M	185.40
## 34	65	30.04004	0	Hispanic	F	149.90
## 35	86	27.65465	0	Hispanic	F	160.00
## 36	63	26.24504	0	Caucasian	M	182.80
## 37	57	43.18311	0	Caucasian	M	182.80
## 38	77	22.34320	0	Caucasian	F	162.50
## 41	20	35.71064	0	African American	M	195.59
## 42	23	19.91598	0	African American	F	172.70
## 43	58	31.88729	0	Caucasian	F	157.40
## 44	51	29.69126	0	Other/Unknown	F	162.60
## 45	63	29.84045	0	Caucasian	M	172.70
## 46	74	16.93194	0	Caucasian	M	172.70
## 47	65	24.21005	0	Caucasian	F	149.90



## 48	63	17.22243	0	Caucasian	M 170.20
## 49	48	24.45265	0	Caucasian	M 182.90
## 50	67	36.62851	0	Caucasian	F 155.00
## 51	62	26.31281	1	African American	M 188.00
## 52	55	21.26172	1	Caucasian	F 160.00
## 53	78	27.65465	0	Caucasian	F 157.50
## 54	70	37.94643	0	Caucasian	F 168.00
## 55	88	25.88132	0	Caucasian	F 167.60
## 56	33	40.26845	0	African American	M 177.80
## 57	59	23.16947	0	Caucasian	M 175.30
## 58	60	37.98790	0	African American	F 172.70
## 59	47	31.72786	1	Other/Unknown	F 175.30
## 62	68	27.65465	0	African American	M 170.10
## 63	70	23.86641	0	African American	M 193.00
## 64	81	32.35071	0	Caucasian	M 178.00
## 65	24	25.10144	0	African American	M 180.30
## 66	66	21.92214	0	African American	F 154.90
## 67	74	14.84493	0	Caucasian	M 177.80
## 68	43	24.51814	0	African American	M 168.00
## 69	57	36.73937	0	Caucasian	F 167.60
## 70	55	24.21875	0	Hispanic	F 160.00
## 71	80	25.87048	0	Caucasian	M 180.30
## 73	36	31.98574	0	Caucasian	M 182.90
## 74	53	31.14681	0	Caucasian	F 165.10
## 75	66	26.97404	1	Caucasian	M 172.00
## 76	27	20.29415	0	Caucasian	M 178.00
## 77	61	17.99061	0	Caucasian	M 180.34
## 78	59	22.17453	0	African American	M 177.80
## 79	83	32.13302	0	Caucasian	F 154.90
## 80	69	30.97214	0	Other/Unknown	M 167.60
## 82	53	21.18756	0	Caucasian	M 182.80
## 83	74	27.71675	0	Caucasian	M 170.20
## 84	49	35.42551	0	Caucasian	M 154.90
## 85	77	25.17008	0	Caucasian	M 182.90
## 87	19	34.05017	0	Hispanic	F 154.90
## 88	56	22.68725	1	Caucasian	M 167.30
## 89	74	26.74699	1	Hispanic	M 175.20
## 91	53	31.44982	0	Caucasian	F 172.70
## 93	74	29.44547	1	Caucasian	M 181.50
## 94	53	28.34041	0	Caucasian	F 154.90
## 95	74	27.40952	1	Caucasian	M 170.20
## 96	38	28.10268	0	Caucasian	F 162.60
## 97	88	29.04371	0	Caucasian	M 167.00
## 98	81	20.20145	0	African American	M 188.00
## 99	69	36.62337	1	Caucasian	M 169.00
## 100	32	23.56129	0	African American	F 163.00
## 101	60	27.65465	0	African American	F 170.10
## 102	66	26.40138	1	Caucasian	M 170.00
## 103	61	26.57800	0	African American	M 180.30
## 104	59	37.50000	0	Caucasian	F 160.00
## 105	75	27.93389	0	Caucasian	M 170.18
## 106	76	25.84189	1	Caucasian	F 179.00
## 107	65	25.59839	1	Hispanic	F 157.50
## 108	61	24.33307	0	African American	M 182.90

## 109	85	28.52891	1	Hispanic	F	147.30
## 110	65	40.83045	0	Caucasian	F	170.00
## 111	82	25.80645	0	Caucasian	F	155.00
## 112	78	29.10156	0	Caucasian	F	160.00
## 114	28	37.18017	0	African American	M	185.40
## 115	72	17.93870	0	Caucasian	M	190.50
## 118	57	27.65465	1	Caucasian	M	170.10
## 119	51	38.50724	0	Caucasian	M	188.00
## 120	77	25.96120	0	Caucasian	F	157.50
## 121	88	25.30375	0	Caucasian	M	170.20
## 125	24	22.87660	0	Caucasian	M	175.30
## 126	46	16.18427	0	Hispanic	F	163.00
## 127	65	24.68818	1	Caucasian	M	170.18
## 128	68	25.10785	0	Caucasian	M	182.80
## 129	78	38.01237	0	Caucasian	M	162.60
## 130	21	22.68483	0	Caucasian	F	154.90
## 132	65	20.37037	0	Caucasian	M	180.00
## 133	57	25.24082	0	Caucasian	M	175.00
## 134	79	43.01990	1	Other/Unknown	F	144.80
## 136	53	46.20187	0	African American	F	155.00
## 138	55	35.52450	1	African American	M	194.00
## 139	76	26.51429	1	Other/Unknown	M	175.00
## 141	39	19.54283	0	Caucasian	M	180.30
## 143	35	28.37626	0	Caucasian	M	177.00
## 144	78	30.78478	0	Caucasian	F	152.40
## 145	70	23.57060	0	Caucasian	M	172.70
## 146	76	20.32226	0	Caucasian	F	152.40
## 147	39	22.40000	0	Caucasian	F	175.00
## 148	54	38.52522	0	African American	F	170.20
## 150	84	21.65474	0	Caucasian	F	160.02
## 151	76	28.08899	0	Caucasian	M	177.00
## 152	83	25.19526	0	Other/Unknown	F	157.50
## 153	21	16.23816	0	Caucasian	M	175.30
## 155	86	21.92071	0	Caucasian	M	170.20
## 157	49	27.25436	0	Caucasian	F	165.00
## 159	37	21.19472	0	Other/Unknown	M	180.30
## 160	61	28.85786	0	Caucasian	M	175.26
## 161	67	14.84493	0	Caucasian	F	170.10
## 162	69	26.73484	0	Caucasian	M	185.00
## 163	56	27.30532	0	Other/Unknown	F	167.60
## 164	55	26.49705	1	Caucasian	M	163.00
## 165	74	27.65465	0	Caucasian	M	177.80
## 166	47	20.74219	1	Caucasian	F	160.00
## 167	29	25.93733	0	Caucasian	F	165.10
## 168	38	26.27392	0	Caucasian	M	175.30
## 170	38	23.76820	0	Hispanic	F	157.50
## 171	65	25.33913	0	Other/Unknown	F	162.00
## 172	65	21.41535	0	Caucasian	M	177.80
## 173	67	19.06169	0	Caucasian	M	187.90
## 174	40	41.32757	1	Caucasian	M	175.30
## 175	60	43.28006	1	Caucasian	M	175.30
## 176	65	28.43201	0	Caucasian	F	165.10
## 177	54	20.45451	0	Caucasian	F	149.80
## 178	56	27.44834	0	Hispanic	M	162.60

## 179	61	26.57800	0	African American	M	180.30
## 180	57	34.30569	0	Caucasian	F	162.60
## 181	52	26.92968	0	African American	F	170.20
## 182	66	17.50334	0	African American	M	180.30
## 183	18	18.77601	0	African American	M	172.70
## 184	65	22.80277	0	Caucasian	M	170.00
## 186	65	35.76930	0	Caucasian	F	165.10
## 188	87	27.65465	0	Hispanic	F	154.90
## 189	56	27.65465	0	African American	M	170.10
## 190	75	25.35161	0	Caucasian	M	183.00
## 191	65	25.44319	0	Caucasian	F	163.00
## 193	84	26.71020	1	Caucasian	M	175.00
## 198	63	26.12457	0	Caucasian	M	170.00
## 200	34	27.53906	1	African American	F	160.00
## 201	48	27.65465	0	Other/Unknown	F	170.10
## 202	67	27.65465	0	Caucasian	F	157.00
## 203	85	16.32842	0	Caucasian	F	172.70
## 204	77	29.34004	0	Caucasian	F	162.00
## 205	72	33.56811	0	Caucasian	F	165.10
## 206	47	32.28096	0	Caucasian	M	172.00
## 207	70	34.14062	0	Caucasian	M	160.00
## 208	84	26.57812	0	Caucasian	M	160.00
## 209	63	26.57422	0	Caucasian	M	182.80
## 211	53	56.86449	1	African American	F	172.70
## 212	87	53.01775	0	Caucasian	M	162.50
## 213	53	24.69509	0	Caucasian	M	182.00
## 214	74	33.16406	0	Caucasian	M	160.00
## 215	62	36.61322	0	Caucasian	M	172.70
## 217	69	27.77427	1	Caucasian	M	178.00
## 218	87	22.14844	0	Caucasian	F	160.00
## 219	34	35.13340	0	Caucasian	F	152.40
## 221	69	25.55556	0	Caucasian	M	180.00
## 222	82	32.37087	0	Caucasian	F	157.50
## 223	46	20.15621	0	Caucasian	F	157.50
## 224	67	22.73280	0	Caucasian	M	180.30
## 225	54	23.38869	0	African American	M	173.00
## 226	70	45.61043	0	Other/Unknown	F	162.00
## 228	51	23.05306	0	Caucasian	M	175.00
## 229	42	32.93015	0	Caucasian	M	167.60
## 230	62	20.61367	0	Caucasian	F	162.60
## 231	63	32.57855	1	Hispanic	M	175.20
## 232	41	31.29355	0	Caucasian	F	165.10
## 233	47	27.52046	0	Caucasian	M	177.80
## 235	74	27.65465	0	Caucasian	F	170.10
## 236	87	21.22555	0	Caucasian	M	177.80
## 237	72	35.17558	0	Caucasian	M	177.80
## 238	59	23.44032	0	Caucasian	M	180.30
## 239	60	45.64014	0	Caucasian	F	170.00
## 241	63	29.57680	1	Caucasian	F	172.00
## 242	55	22.16443	0	Caucasian	F	162.60
## 243	71	30.33832	0	Caucasian	M	183.00
## 244	23	18.15484	0	African American	F	175.30
## 246	66	33.02566	0	Caucasian	M	172.70
## 247	53	20.40179	0	African American	F	170.20

## 248	19	26.48539	0	Caucasian	M 182.90
## 250	54	34.36185	0	Caucasian	M 190.50
## 251	43	40.56247	1	Other/Unknown	F 172.00
## 252	88	29.09201	0	Caucasian	M 175.30
## 253	49	33.29806	0	Other/Unknown	M 157.50
## 254	83	26.40464	1	Other/Unknown	M 157.50
## 255	71	28.43225	0	Asian	M 172.70
## 256	62	23.59862	0	Caucasian	F 170.00
## 257	82	31.88713	1	Caucasian	F 157.50
## 258	56	27.65465	0	Caucasian	M 172.70
## 259	83	34.40691	0	Caucasian	M 177.80
## 260	43	54.22629	0	Caucasian	M 182.90
## 262	87	24.81265	1	Caucasian	M 167.00
## 263	66	21.12301	0	Caucasian	F 172.70
## 264	61	27.55561	0	Caucasian	M 190.50
## 265	73	29.30040	0	Caucasian	M 180.30
## 266	27	24.00059	0	Caucasian	M 182.80
## 267	49	23.55879	0	Caucasian	M 155.00
## 268	65	21.57407	1	Caucasian	M 180.00
## 269	49	30.85938	1	Caucasian	F 160.00
## 270	45	42.88230	0	Native American	M 185.40
## 271	82	25.71981	0	African American	F 162.60
## 272	53	27.65465	0	Caucasian	F 157.50
## 273	64	26.93333	0	Caucasian	M 182.80
## 274	86	25.88407	0	Caucasian	M 172.70
## 275	47	37.83273	0	African American	M 177.80
## 276	71	27.65465	0	Caucasian	M 178.00
## 278	24	26.90989	1	Caucasian	F 175.20
## 279	63	26.60496	1	Caucasian	M 182.90
## 280	72	47.16560	0	Caucasian	F 162.60
## 281	69	31.52249	1	Caucasian	F 170.00
## 282	48	27.65465	0	African American	M 172.70
## 284	64	26.25515	0	Caucasian	M 177.80
## 285	68	45.33016	1	Caucasian	M 175.30
## 286	74	27.44729	0	Caucasian	F 157.40
## 287	68	33.74770	0	Other/Unknown	F 153.00
## 288	54	21.71375	0	Other/Unknown	F 154.90
## 289	81	17.76448	1	Caucasian	F 167.60
## 291	64	24.01777	0	Other/Unknown	M 162.60
## 292	72	26.30115	1	African American	M 180.30
## 294	87	29.27784	0	Caucasian	F 152.40
## 295	65	17.85145	0	Native American	F 170.18
## 296	56	27.14327	0	Caucasian	M 185.40
## 297	84	32.61678	0	Caucasian	F 157.50
## 298	68	29.31129	0	Caucasian	F 165.00
## 299	73	25.73708	1	Caucasian	M 187.00
## 300	82	14.84493	1	Caucasian	F 157.50
## 301	61	33.10321	0	Caucasian	M 188.00
## 303	64	31.30349	1	Caucasian	M 185.40
## 304	56	30.48857	0	Caucasian	M 178.00
## 306	59	33.82212	0	Caucasian	F 157.50
## 307	52	29.60598	0	Caucasian	F 165.10
## 309	55	50.27646	0	Caucasian	M 175.30
## 310	76	23.78433	0	Hispanic	F 157.50

## 312	71	40.97088	0	Caucasian	M 176.20
## 313	75	22.54208	1	Caucasian	M 170.20
## 314	51	30.76157	0	Caucasian	M 180.30
## 315	72	29.88445	0	Caucasian	F 163.00
## 316	76	31.46619	1	Caucasian	F 154.90
## 317	31	22.75385	0	African American	F 173.00
## 318	49	42.48929	0	Caucasian	M 157.50
## 319	68	27.67863	0	Caucasian	M 177.80
## 321	70	26.96712	0	Caucasian	F 167.60
## 323	84	24.31412	0	African American	F 166.00
## 324	65	15.50387	1	Caucasian	F 154.90
## 325	29	25.05175	0	Caucasian	F 170.20
## 326	75	25.10144	0	Caucasian	M 180.30
## 327	54	24.46398	1	Caucasian	M 182.88
## 328	84	30.27164	0	Caucasian	M 173.00
## 329	50	35.55643	0	Caucasian	M 170.20
## 331	65	28.20350	0	Caucasian	M 170.20
## 334	32	39.25015	0	Caucasian	F 170.20
## 335	20	14.84493	0	Caucasian	M 190.50
## 336	68	21.59462	1	Caucasian	M 180.30
## 337	41	32.11195	0	African American	F 172.00
## 338	30	34.15510	1	Hispanic	F 165.10
## 340	74	32.81250	0	Caucasian	F 160.00
## 342	23	27.65465	1	Caucasian	M 165.10
## 343	83	23.92242	0	Caucasian	F 153.00
## 345	39	34.24464	0	Caucasian	M 170.20
## 346	81	25.14019	0	African American	M 182.90
## 347	56	27.65465	0	Caucasian	F 170.10
## 348	27	20.18529	0	Caucasian	F 167.60
## 350	77	31.68556	0	Caucasian	F 157.50
## 351	50	41.07976	0	Hispanic	M 170.20
## 352	80	25.92618	0	Caucasian	M 172.00
## 353	40	32.00806	0	Caucasian	F 157.50
## 354	28	28.23676	0	Caucasian	M 188.00
## 357	61	24.25781	0	Caucasian	M 160.00
## 358	82	30.42969	0	Caucasian	F 160.00
## 359	58	23.02862	0	Caucasian	M 177.80
## 360	74	20.91011	1	Caucasian	F 158.00
## 361	75	46.71492	1	Caucasian	F 159.00
## 362	50	47.68905	0	Caucasian	F 167.00
## 363	55	19.88406	1	Caucasian	F 165.10
## 364	70	51.88166	0	African American	F 162.50
## 367	62	18.06712	0	Caucasian	M 174.00
## 368	56	17.82962	1	Caucasian	F 165.10
## 370	86	25.18755	0	Caucasian	F 152.40
## 372	70	29.70839	0	Caucasian	F 152.40
## 374	59	23.29590	0	Caucasian	F 165.10
## 375	28	16.36026	0	African American	M 154.00
## 376	66	36.13946	0	Caucasian	F 168.00
## 377	85	26.39844	0	Caucasian	F 160.00
## 378	41	26.29557	0	Other/Unknown	F 173.00
## 379	38	25.86719	0	Caucasian	F 160.00
## 380	65	17.64703	1	Caucasian	F 149.80
## 381	81	28.48704	1	Asian	M 165.10

## 382	80	43.81131	0	Caucasian	M 177.80
## 383	66	32.87449	0	Caucasian	M 185.40
## 384	84	29.16173	0	Caucasian	F 162.60
## 385	61	25.66116	0	Other/Unknown	F 152.40
## 386	47	24.69859	1	Caucasian	F 162.60
## 387	35	19.23269	1	Caucasian	M 177.80
## 388	53	32.21563	0	Caucasian	M 193.00
## 391	86	22.14844	0	Caucasian	F 160.00
## 392	67	26.18583	0	Caucasian	M 172.70
## 393	61	24.62296	0	Caucasian	F 171.00
## 394	53	26.70117	0	Other/Unknown	M 178.00
## 395	39	40.23488	0	African American	M 185.40
## 397	52	23.47415	0	Caucasian	F 170.20
## 398	72	33.64555	0	Caucasian	F 165.00
## 399	85	21.67270	0	Other/Unknown	M 188.00
## 400	55	46.30960	0	African American	F 173.00
## 401	62	21.46158	0	Caucasian	F 165.10
## 402	53	34.55896	0	Other/Unknown	M 175.30
## 403	60	29.16197	0	Caucasian	M 180.30
## 404	68	33.80206	0	Caucasian	M 172.00
## 405	65	23.30154	0	Caucasian	M 170.20
## 406	56	29.99075	1	Caucasian	M 174.00
## 407	60	19.26531	0	Caucasian	M 175.00
## 408	65	30.29574	0	Caucasian	M 167.60
## 409	65	23.70612	0	Caucasian	F 175.00
## 410	82	36.37457	1	Caucasian	M 170.20
## 411	56	31.19802	0	Caucasian	F 157.00
## 414	45	21.70247	1	African American	M 182.90
## 416	62	31.52344	1	Caucasian	F 160.00
## 417	62	32.78023	1	African American	F 157.00
## 418	68	31.12659	1	Caucasian	M 177.80
## 419	73	32.70317	1	Caucasian	M 182.90
## 420	48	30.61995	0	Caucasian	F 170.20
## 421	57	26.99723	0	Caucasian	F 173.00
## 423	77	39.68750	1	Caucasian	F 160.00
## 424	25	27.65465	0	Asian	F 170.10
## 426	76	24.00599	1	Hispanic	M 154.90
## 427	61	20.14803	1	Caucasian	M 182.90
## 428	72	14.84493	0	Caucasian	F 160.20
## 429	65	30.68373	0	Caucasian	M 177.80
## 430	87	16.72088	1	Caucasian	M 168.90
## 431	56	31.68855	1	Caucasian	M 188.00
## 432	64	27.23922	1	Asian	F 158.00
## 433	24	24.54233	0	Caucasian	M 182.90
## 435	65	24.02204	0	Caucasian	M 165.00
## 436	59	16.39548	0	Caucasian	M 172.70
## 437	73	23.61800	0	Caucasian	F 165.00
## 439	51	28.66695	0	Caucasian	F 172.70
## 440	41	22.79944	0	Caucasian	F 172.70
## 443	65	21.24465	0	Caucasian	F 157.50
## 444	65	29.28638	1	Caucasian	M 182.90
## 446	52	35.76930	0	Caucasian	M 165.10
## 448	58	34.44803	0	Caucasian	M 177.80
## 449	72	32.13302	0	Caucasian	F 154.90

## 450	80	23.75156	0	Hispanic	F 144.80
## 451	67	20.53988	0	Caucasian	F 170.20
## 452	76	17.92653	0	Caucasian	M 175.00
## 455	85	31.79294	1	Caucasian	M 175.30
## 456	54	24.38653	0	Caucasian	F 162.00
## 457	82	37.60363	0	Caucasian	F 165.10
## 458	80	28.88701	0	Caucasian	M 170.20
## 459	74	37.88479	1	Caucasian	M 188.00
## 460	84	29.51016	0	Caucasian	M 178.00
## 461	49	29.53209	0	Caucasian	M 183.00
## 463	56	26.87868	1	Caucasian	M 188.00
## 464	56	35.87150	1	Hispanic	M 177.80
## 465	66	25.21625	0	Other/Unknown	M 177.00
## 466	69	38.26398	0	African American	F 165.10
## 467	71	33.59029	1	Caucasian	M 190.50
## 468	32	25.07068	0	Caucasian	F 180.30
## 469	42	31.06895	0	Caucasian	F 152.40
## 470	36	47.31689	0	Caucasian	F 162.60
## 471	85	23.77870	0	Caucasian	M 180.30
## 472	67	34.81929	1	Caucasian	M 175.30
## 473	76	24.48980	0	Caucasian	M 175.00
## 475	32	39.06250	0	Caucasian	F 160.00
## 477	69	36.12781	0	Hispanic	F 162.50
## 478	19	21.07168	0	Caucasian	M 180.30
## 479	85	20.93664	0	Caucasian	M 165.00
## 480	77	30.96338	0	Caucasian	F 165.10
## 481	55	25.48500	0	African American	M 185.40
## 482	87	26.21635	0	Caucasian	M 182.90
## 483	56	21.20726	0	Caucasian	F 163.80
## 484	58	52.40677	0	Caucasian	M 195.50
## 485	79	23.63755	0	Caucasian	F 152.40
## 486	59	51.82102	1	African American	F 155.00
## 487	73	26.47746	0	Caucasian	M 170.20
## 488	83	24.21307	0	Caucasian	F 165.10
## 489	49	25.81702	0	Caucasian	F 172.70
## 490	69	24.39106	1	Caucasian	M 173.00
## 491	62	33.98438	0	African American	F 160.00
## 492	77	22.00146	0	Caucasian	M 185.00
## 494	89	28.78906	0	Caucasian	F 160.00
## 495	81	30.21888	0	Caucasian	M 183.00
## 496	73	26.39747	0	Caucasian	M 187.90
## 497	73	25.05300	0	Caucasian	M 183.00
## 498	81	21.96511	0	Caucasian	F 165.00
## 499	56	20.23544	0	Caucasian	F 162.60
## 500	74	32.81250	0	Caucasian	F 160.00
## 501	26	25.66206	0	Caucasian	M 188.00
## 504	56	28.89197	0	African American	M 190.00
## 505	57	36.64896	0	Caucasian	M 190.50
## 507	66	22.40120	1	African American	M 185.40
## 509	49	27.65465	0	Other/Unknown	M 170.10
## 510	87	20.87818	0	Caucasian	F 147.30
## 511	56	22.60610	0	African American	F 167.60
## 514	36	26.80692	0	Other/Unknown	M 167.60
## 515	59	31.09439	0	Hispanic	M 188.00

## 516	29	33.56401	0	Hispanic	F	170.00
## 517	83	30.06949	0	Caucasian	F	162.60
## 518	67	26.12862	0	Caucasian	M	177.80
## 519	44	35.57384	0	Other/Unknown	M	172.70
## 520	67	24.42608	0	Caucasian	F	165.00
## 522	63	22.32367	0	Caucasian	M	180.30
## 523	84	24.40334	0	Caucasian	M	193.00
## 525	25	20.14591	0	Caucasian	M	181.00
## 527	51	17.80008	0	Caucasian	M	167.60
## 528	62	20.41183	0	African American	F	162.50
## 529	65	22.45212	0	African American	F	165.10
## 530	72	32.87687	1	Caucasian	M	188.00
## 531	50	21.08948	0	Caucasian	F	172.70
## 532	48	27.40719	0	Caucasian	F	170.10
## 533	87	21.04308	1	Caucasian	F	157.50
## 534	84	31.29819	0	Caucasian	M	182.90
## 535	65	26.24339	0	African American	F	157.50
## 537	74	22.92650	1	Caucasian	F	167.60
## 538	64	25.07939	0	Caucasian	M	172.70
## 539	59	34.23324	1	Caucasian	M	165.00
## 540	79	16.18379	0	Caucasian	M	188.00
## 541	65	27.37669	0	Caucasian	F	147.30
## 542	69	15.72725	0	Caucasian	M	164.00
## 544	63	35.20856	1	Caucasian	F	167.60
## 545	51	24.87406	0	Caucasian	M	185.40
## 546	65	22.61831	0	Hispanic	M	162.60
## 551	52	31.09109	0	African American	F	154.90
## 552	48	24.88611	0	Caucasian	M	180.30
## 553	82	21.32450	1	Caucasian	F	167.60
## 554	89	21.82995	0	Other/Unknown	M	163.00
## 557	56	40.28174	0	Caucasian	M	165.10
## 558	68	27.65465	0	Caucasian	F	170.10
## 559	36	27.73438	0	Caucasian	F	160.00
## 561	65	28.31956	0	African American	M	165.00
## 563	59	55.49060	0	Caucasian	M	181.60
## 565	58	32.69038	0	Caucasian	M	172.70
## 567	55	27.04963	0	Caucasian	F	157.50
## 568	46	18.23955	0	Caucasian	M	172.70
## 569	75	18.77932	0	Caucasian	F	170.20
## 570	82	29.78941	0	Caucasian	F	165.10
## 571	54	24.56411	1	Caucasian	M	167.60
## 573	39	32.59637	0	Caucasian	M	168.00
## 574	30	36.78135	0	Caucasian	M	188.00
## 575	50	23.48795	0	Caucasian	M	170.20
## 576	61	30.68734	0	Caucasian	M	167.60
## 577	70	27.44772	0	Other/Unknown	M	167.60
## 578	45	27.65465	0	Caucasian	M	170.10
## 579	60	20.91128	0	African American	F	165.10
## 582	44	20.32738	0	Caucasian	M	182.90
## 583	43	36.73801	0	Hispanic	F	153.00
## 584	62	47.13275	0	Caucasian	M	177.80
## 585	55	33.79592	1	Caucasian	M	175.00
## 586	62	32.14977	0	Other/Unknown	F	162.60
## 587	56	27.37966	0	Caucasian	M	172.00



## 590	65	20.37502	0	Hispanic	F 142.20
## 593	71	28.28526	0	Hispanic	F 165.10
## 594	79	20.43461	1	Caucasian	F 162.56
## 595	65	38.96104	0	Caucasian	F 154.00
## 596	56	29.16173	0	Caucasian	F 162.60
## 597	79	23.87280	0	Caucasian	F 149.00
## 598	69	38.75008	0	Other/Unknown	F 152.40
## 599	39	24.21875	0	Caucasian	F 160.00
## 600	51	30.00953	0	Caucasian	F 165.10
## 601	72	28.63028	0	Caucasian	M 190.50
## 602	68	32.51718	0	Caucasian	F 158.80
## 603	40	36.57481	0	Caucasian	M 188.00
## 604	48	27.65465	0	Hispanic	M 172.70
## 605	65	21.81715	0	Caucasian	M 170.20
## 606	26	27.65465	1	Caucasian	F 167.60
## 608	82	23.38931	1	Caucasian	M 167.60
## 609	56	27.02014	0	African American	M 188.00
## 610	72	19.97169	0	Caucasian	F 167.60
## 611	65	23.80615	0	Caucasian	F 154.94
## 613	61	24.21350	0	Caucasian	M 182.90
## 614	88	22.71468	0	Other/Unknown	M 190.00
## 616	82	18.95860	0	Other/Unknown	F 149.90
## 617	59	31.95453	0	Caucasian	F 163.00
## 618	61	25.09950	0	Caucasian	F 167.00
## 619	58	27.65465	1	Hispanic	M 172.70
## 620	59	21.70862	0	Caucasian	M 183.00
## 622	40	23.73945	0	Caucasian	M 185.40
## 623	64	27.56551	0	Caucasian	M 177.00
## 625	68	37.82937	0	Caucasian	M 175.30
## 627	83	24.65836	0	Caucasian	M 173.00
## 629	39	31.48148	0	Caucasian	M 180.00
## 630	80	28.08163	1	Caucasian	M 175.00
## 632	78	25.41964	1	Caucasian	M 182.00
## 633	58	34.40279	0	Native American	F 149.80
## 634	88	19.86489	0	Caucasian	M 167.60
## 637	81	26.60156	0	African American	F 160.00
## 639	80	34.71593	1	Caucasian	M 188.00
## 640	59	18.97963	0	Caucasian	M 177.80
## 641	28	19.95744	0	Caucasian	F 165.10
## 642	81	23.70971	1	Caucasian	F 167.60
## 643	58	17.22226	0	Caucasian	F 152.40
## 645	60	24.69179	0	Caucasian	M 182.90
## 646	53	38.08802	1	Hispanic	F 162.60
## 647	39	45.38633	0	Caucasian	F 154.90
## 649	76	25.05687	0	Caucasian	M 175.30
## 651	84	27.65465	1	Caucasian	M 172.70
## 652	71	27.65465	0	Caucasian	F 160.00
## 654	60	30.25861	1	Caucasian	F 162.60
## 655	36	29.76006	0	Caucasian	M 190.50
## 656	67	30.22012	0	Caucasian	F 162.50
## 658	67	31.71875	0	African American	F 160.00
## 659	63	31.56137	0	Caucasian	M 180.30
## 661	60	53.23206	1	Caucasian	F 165.10
## 664	67	31.17229	1	Caucasian	M 170.20

## 665	86	30.03310	1	Caucasian	M 170.20
## 666	41	43.47364	1	Caucasian	F 168.00
## 667	65	31.68204	0	Caucasian	M 183.00
## 668	54	34.53445	1	Caucasian	M 172.70
## 669	75	24.78395	1	Caucasian	M 180.00
## 670	55	22.87337	1	Caucasian	F 162.50
## 671	78	28.90587	0	Caucasian	F 163.00
## 673	23	47.19601	0	Caucasian	M 177.80
## 674	46	22.39250	0	Caucasian	M 167.60
## 677	53	26.05469	0	Caucasian	M 160.00
## 679	73	28.63673	1	Caucasian	M 175.00
## 681	62	21.33333	0	Caucasian	F 150.00
## 682	51	22.96535	0	Caucasian	M 177.80
## 683	69	33.27462	0	Caucasian	F 165.10
## 684	31	18.16365	0	Hispanic	F 157.40
## 686	54	21.90097	0	Caucasian	F 152.00
## 688	59	24.33046	1	African American	F 165.10
## 689	66	24.23702	1	Caucasian	M 167.50
## 690	69	30.25861	0	Caucasian	F 162.60
## 692	80	18.19299	0	Caucasian	F 162.60
## 693	72	16.39738	0	Caucasian	F 170.20
## 694	32	34.75628	0	Caucasian	M 195.59
## 695	89	19.49219	0	Caucasian	F 160.00
## 696	64	26.25515	0	Caucasian	M 177.80
## 697	89	17.53657	0	Caucasian	M 170.20
## 698	89	24.91011	1	Caucasian	M 165.10
## 699	70	34.13805	0	Caucasian	M 182.90
## 700	58	25.14644	1	Caucasian	M 172.70
## 701	70	34.16333	0	African American	M 177.80
## 702	61	49.60938	0	Caucasian	F 160.00
## 703	77	19.54083	1	Other/Unknown	F 162.50
## 704	74	31.21534	0	Hispanic	F 152.40
## 705	88	37.45024	0	Caucasian	F 157.50
## 706	81	19.31237	0	Caucasian	M 173.00
## 707	68	27.88670	0	Caucasian	F 172.00
## 708	41	26.46494	0	Native American	F 154.90
## 709	31	34.88362	0	Caucasian	M 180.30
## 710	66	33.94464	0	Caucasian	F 170.00
## 711	71	32.73369	0	Caucasian	F 157.50
## 714	82	26.13225	0	Caucasian	M 170.20
## 715	55	28.94562	0	Hispanic	F 165.10
## 716	42	29.03200	0	Caucasian	F 170.20
## 717	48	24.88611	0	Caucasian	M 180.30
## 718	52	26.63437	0	Caucasian	F 165.10
## 720	65	29.27784	0	Caucasian	F 152.40
## 722	80	18.56775	0	Caucasian	M 182.88
## 724	81	29.07047	1	Caucasian	M 177.80
## 725	46	18.63672	0	Caucasian	F 165.10
## 727	89	17.82481	0	Caucasian	M 188.00
## 728	64	25.14801	0	Caucasian	M 177.80
## 729	80	29.06526	1	Caucasian	F 157.50
## 732	87	27.34033	0	Asian	F 152.40
## 733	61	28.61544	1	Caucasian	F 165.10
## 734	86	27.42974	0	Caucasian	F 172.70

## 735	75	26.06781	1	Caucasian	M 193.00
## 736	65	24.38935	0	Caucasian	M 165.00
## 737	21	26.06022	0	African American	F 162.60
## 741	44	27.74974	0	Caucasian	M 195.59
## 742	37	27.71249	0	Caucasian	F 149.90
## 743	43	34.23034	0	African American	M 179.10
## 744	29	34.53125	0	Hispanic	F 160.00
## 745	50	29.23650	0	Caucasian	M 190.50
## 746	35	34.71234	0	Caucasian	M 193.00
## 747	40	27.65465	0	Caucasian	F 160.00
## 748	32	27.27143	0	Caucasian	M 170.20
## 749	57	46.78713	0	Native American	M 182.88
## 750	68	33.86713	1	Caucasian	M 188.00
## 751	55	29.46569	0	Caucasian	F 154.90
## 752	51	61.13753	1	Caucasian	F 174.00
## 753	68	29.51830	0	Caucasian	M 175.30
## 755	49	27.25475	0	Native American	M 180.30
## 757	86	24.67819	0	Caucasian	M 168.90
## 759	63	24.79923	0	Caucasian	F 164.00
## 760	58	30.19343	0	African American	M 177.80
## 761	87	21.05769	1	Caucasian	M 170.20
## 762	85	24.52851	0	Caucasian	M 167.60
## 763	84	20.68369	1	Caucasian	M 167.60
## 764	65	28.62182	0	Caucasian	F 157.50
## 765	40	38.87671	0	African American	F 154.00
## 766	60	27.65465	0	Caucasian	F 170.10
## 768	70	21.79798	0	Caucasian	F 167.60
## 769	65	15.62500	0	Caucasian	F 160.00
## 770	68	27.54783	1	Caucasian	F 149.90
## 774	73	24.05877	0	Caucasian	M 165.00
## 775	55	26.51648	0	Caucasian	M 180.30
## 776	59	28.04038	0	Caucasian	F 158.00
## 777	72	57.42306	0	Caucasian	F 167.60
## 778	26	27.80069	0	Hispanic	M 182.90
## 779	79	22.31456	0	Caucasian	F 157.48
## 780	78	30.68734	0	African American	M 167.60
## 782	69	30.31250	1	Caucasian	F 160.00
## 783	68	20.47748	1	Caucasian	F 166.40
## 784	80	23.35616	0	Caucasian	M 188.00
## 785	52	23.47415	0	Caucasian	M 170.20
## 786	48	37.82820	1	Other/Unknown	F 149.90
## 788	69	32.63504	0	Caucasian	F 152.00
## 789	72	32.38862	0	Caucasian	M 172.70
## 790	60	25.54516	0	Caucasian	F 149.90
## 791	60	24.64352	0	Caucasian	M 172.70
## 792	50	23.71717	0	African American	M 180.30
## 793	28	28.01814	0	Caucasian	F 175.30
## 794	56	21.60930	0	Caucasian	M 167.60
## 795	38	26.01070	0	Caucasian	F 165.10
## 796	65	22.25977	0	Other/Unknown	F 152.40
## 797	55	30.97941	0	Caucasian	M 175.30
## 799	57	24.33594	0	Other/Unknown	F 160.00
## 801	55	34.96220	0	Caucasian	M 165.10
## 803	41	46.28300	0	Caucasian	M 177.00

## 804	49	51.87500	0	African American	F	160.00
## 805	57	26.58102	0	Asian	M	170.20
## 806	89	33.76543	0	Caucasian	M	180.00
## 807	51	32.85802	0	Caucasian	F	172.70
## 808	83	41.59702	0	Caucasian	M	177.80
## 809	58	35.67474	1	African American	F	170.00
## 810	37	23.15515	1	Caucasian	M	177.80
## 811	36	33.03641	1	Caucasian	F	170.20
## 812	59	16.73208	0	Caucasian	F	167.60
## 814	75	30.55091	0	African American	M	170.20
## 815	65	28.27965	0	Caucasian	M	177.80
## 816	56	44.64009	0	Hispanic	M	190.50
## 817	56	37.13097	0	Caucasian	F	167.60
## 819	34	39.37481	0	Native American	M	180.30
## 820	76	27.65465	0	Caucasian	M	167.60
## 821	72	26.77887	0	Caucasian	M	162.60
## 822	52	20.82609	0	Caucasian	F	167.60
## 823	73	35.03056	0	Caucasian	M	167.60
## 824	68	30.74700	0	Caucasian	M	177.80
## 825	51	29.41406	0	Caucasian	M	160.00
## 826	61	34.76562	0	Caucasian	F	160.00
## 827	22	27.21216	0	Caucasian	F	163.00
## 828	88	21.12301	0	Caucasian	M	172.70
## 829	76	28.05456	0	Caucasian	M	180.30
## 830	72	27.65465	1	Caucasian	M	175.30
## 831	69	36.33015	1	Caucasian	F	158.70
## 835	71	29.57222	1	Caucasian	M	172.70
## 836	70	22.96535	0	Other/Unknown	M	177.80
## 837	75	40.55430	0	Caucasian	F	157.50
## 838	42	25.82156	0	Caucasian	M	170.20
## 839	55	16.75213	1	African American	M	193.00
## 840	54	31.98065	0	Caucasian	M	183.00
## 841	87	20.11719	1	Caucasian	F	160.00
## 842	53	19.62990	0	Caucasian	F	154.90
## 843	61	20.51019	0	African American	M	185.40
## 844	43	44.51791	0	Caucasian	F	165.00
## 845	63	40.81675	0	Other/Unknown	F	152.40
## 847	61	38.19632	0	Caucasian	M	172.00
## 849	83	18.93861	0	Caucasian	F	155.00
## 850	36	21.23057	0	Caucasian	F	158.00
## 851	79	43.47346	0	Caucasian	F	165.10
## 854	48	20.22161	1	African American	M	190.00
## 855	55	27.65465	0	Caucasian	M	185.40
## 856	70	27.65465	0	Caucasian	M	170.10
## 857	54	39.66742	0	Caucasian	F	157.50
## 858	75	28.02990	1	Caucasian	M	172.70
## 859	65	35.98031	0	Caucasian	M	178.00
## 861	65	33.31131	0	Caucasian	F	165.10
## 862	55	25.81230	0	Caucasian	M	177.80
## 863	75	22.85585	0	Caucasian	M	180.30
## 864	49	37.20575	0	Caucasian	M	188.00
## 865	57	18.16365	0	Caucasian	F	157.40
## 867	65	24.11856	0	Caucasian	F	154.94
## 869	79	30.51748	0	Caucasian	M	183.00

## 870	50 30.00317	0 African American	M 175.30
## 874	68 27.51444	0 Other/Unknown	M 177.00
## 875	71 33.04498	0 Caucasian	M 170.00
## 876	59 40.64804	0 Caucasian	M 177.80
## 877	73 35.71725	1 Caucasian	F 154.90
## 878	67 31.46982	0 Caucasian	F 162.50
## 879	54 37.99796	0 African American	M 188.00
## 880	67 58.94317	1 African American	F 152.40
## 881	26 22.12815	0 Caucasian	M 175.30
## 882	72 37.45144	0 Caucasian	M 172.70
## 883	61 26.31111	1 Caucasian	F 150.00
## 884	65 28.60544	1 African American	F 169.00
## 885	58 42.74028	0 Caucasian	F 162.60
## 887	32 22.51710	1 Caucasian	M 195.59
## 888	65 33.74242	0 Caucasian	M 183.00
## 889	53 29.09247	0 Caucasian	M 185.40
## 890	64 27.51485	0 Caucasian	F 165.10
## 892	65 21.82099	0 Caucasian	M 180.00
## 893	61 19.57971	1 Caucasian	M 175.20
## 894	66 27.05757	0 Caucasian	M 172.70
## 895	65 25.40283	0 Hispanic	F 152.40
## 896	54 29.80353	0 Caucasian	M 182.90
## 897	63 26.60156	1 Caucasian	F 160.00
## 898	65 20.88831	0 Caucasian	M 172.70
## 901	41 24.33717	0 African American	M 170.20
## 902	72 32.53212	0 Caucasian	F 157.50
## 904	46 25.76097	0 Caucasian	M 173.00
## 906	65 38.01653	0 Caucasian	F 165.00
## 907	26 17.70492	0 African American	M 166.70
## 908	41 46.27866	0 Caucasian	F 177.80
## 909	64 42.26640	0 Caucasian	M 180.30
## 910	65 25.91692	1 Caucasian	M 167.60
## 911	61 25.99353	1 Caucasian	M 180.30
## 912	62 23.32480	0 Caucasian	M 182.88
## 913	68 16.80328	0 Caucasian	M 167.60
## 914	73 22.61627	0 Caucasian	M 175.30
## 915	59 22.12194	1 Caucasian	F 165.10
## 916	56 34.34820	0 Caucasian	M 170.20
## 917	26 27.65465	0 African American	M 177.80
## 920	80 32.69038	1 Caucasian	M 172.70
## 921	64 41.09359	0 Caucasian	F 154.90
## 922	26 26.20886	0 Caucasian	M 180.30
## 923	58 21.28397	0 Caucasian	M 182.90
## 924	48 67.81499	0 Caucasian	F 152.40
## 925	84 26.02988	1 Caucasian	M 188.00
## 926	25 54.15385	1 African American	F 162.50
## 927	67 26.57148	0 Caucasian	F 177.80
## 928	56 16.09372	0 African American	M 172.70
## 929	47 30.99356	0 Caucasian	M 178.00
## 930	59 22.26686	0 African American	M 188.00
## 931	56 63.39417	0 Caucasian	M 167.00
## 933	84 44.29688	0 Caucasian	F 160.00
## 934	45 32.86137	0 Caucasian	F 157.00
## 935	82 28.45446	0 Native American	M 180.30

## 936	46	27.65465	0	Caucasian	F 170.10
## 937	36	28.29180	0	Caucasian	F 162.60
## 938	60	23.52941	0	Hispanic	M 170.00
## 939	78	27.65465	0	Caucasian	F 154.90
## 940	86	27.78231	0	Hispanic	M 157.48
## 942	42	30.41043	1	Hispanic	M 172.70
## 944	64	28.23912	0	Caucasian	M 180.30
## 945	65	23.11247	0	Caucasian	M 165.10
## 946	25	22.43320	0	Caucasian	M 185.40
## 947	86	29.36395	1	Caucasian	M 152.40
## 948	60	53.77163	1	Caucasian	M 170.00
## 949	52	17.74584	0	Caucasian	F 152.00
## 950	69	39.99053	0	Caucasian	F 162.50
## 951	38	23.71717	1	Other/Unknown	M 180.30
## 953	56	23.25713	1	Caucasian	M 188.00
## 956	71	67.81499	0	Caucasian	F 137.20
## 958	57	23.54571	0	Asian	F 152.00
## 959	77	26.66815	1	Caucasian	F 153.70
## 960	62	35.24410	0	Hispanic	M 182.90
## 961	84	34.27093	0	Caucasian	M 185.40
## 962	54	25.47745	0	Caucasian	F 157.50
## 964	33	29.84273	0	Caucasian	M 190.50
## 965	81	19.36649	0	Caucasian	F 167.60
## 966	45	27.65465	0	Other/Unknown	M 170.10
## 967	82	21.14127	1	African American	M 183.00
## 968	50	23.42227	0	Caucasian	F 152.40
## 969	64	22.27790	0	Caucasian	F 162.60
## 970	69	21.96032	0	Caucasian	M 193.00
## 972	67	37.57660	0	Caucasian	M 186.00
## 973	52	23.72454	0	African American	M 177.80
## 974	34	23.08594	0	Native American	F 160.00
## 975	79	25.80533	1	Caucasian	M 175.30
## 976	70	35.00409	0	Caucasian	F 170.20
## 977	63	30.11558	1	Hispanic	M 180.30
## 978	77	25.00624	0	Caucasian	F 154.90
## 980	80	21.89417	0	Asian	F 172.70
## 981	58	17.22226	1	African American	F 152.40
## 983	48	42.95106	0	Caucasian	M 185.00
## 984	65	31.50614	0	Caucasian	F 167.60
## 986	86	28.12500	0	Caucasian	F 160.00
## 987	88	26.73497	0	Caucasian	M 189.00
## 989	59	29.00068	0	Caucasian	M 188.00
## 990	87	17.12250	0	Caucasian	F 147.00
## 991	56	27.30223	0	Caucasian	M 175.30
## 992	70	35.49336	0	Caucasian	F 167.60
## 994	68	23.32109	1	Caucasian	M 183.00
## 995	68	33.45537	0	Caucasian	M 178.00
## 996	26	26.42659	0	Caucasian	M 183.00
## 997	21	20.11813	1	Caucasian	M 182.90
## 998	71	31.67969	0	Caucasian	M 160.00
## 1000	84	22.76944	0	Caucasian	F 154.00
## 1002	47	29.99253	0	African American	M 180.30
## 1003	57	23.34138	0	Caucasian	M 195.59
## 1004	82	23.97924	0	Caucasian	M 170.00

## 1005	40	25.25952	0	Caucasian	M 170.00
## 1006	81	27.65465	0	Caucasian	M 180.30
## 1007	50	28.52043	0	Caucasian	F 157.00
## 1008	77	24.62904	0	Caucasian	M 182.80
## 1011	58	14.84493	0	African American	M 175.00
## 1013	65	42.36419	0	Caucasian	M 167.60
## 1014	65	28.25989	0	Caucasian	F 149.90
## 1015	78	18.51208	1	Caucasian	M 167.60
## 1016	35	23.43555	0	Caucasian	M 180.20
## 1017	61	32.00838	1	Other/Unknown	F 157.40
## 1018	40	24.19398	0	Caucasian	M 180.30
## 1019	65	23.94531	0	Caucasian	F 160.00
## 1021	40	28.11529	0	Caucasian	M 175.20
## 1022	86	45.84478	0	Caucasian	F 154.90
## 1023	69	16.99219	1	Caucasian	F 160.00
## 1025	65	26.56250	0	Caucasian	F 160.00
## 1026	78	26.61554	0	Caucasian	M 170.20
## 1028	52	19.05557	1	Caucasian	M 185.40
## 1029	50	40.22116	1	Caucasian	M 175.30
## 1030	73	33.34710	0	Caucasian	F 170.20
## 1031	76	25.06210	0	Caucasian	F 170.20
## 1032	59	29.78891	1	Caucasian	F 149.86
## 1033	49	42.91660	0	Caucasian	M 172.70
## 1035	83	25.39343	0	Caucasian	M 173.00
## 1036	71	26.49873	1	Caucasian	M 177.80
## 1037	50	34.53125	0	Caucasian	F 160.00
## 1038	79	38.95407	0	Caucasian	M 193.00
## 1040	51	36.26790	0	Caucasian	M 180.30
## 1042	78	25.79058	1	Caucasian	M 165.10
## 1043	39	37.28580	0	Caucasian	M 182.90
## 1044	59	26.81359	1	Caucasian	M 165.00
## 1046	64	27.23577	0	Caucasian	M 177.80
## 1047	55	31.43391	0	Caucasian	M 188.00
## 1048	77	22.30537	1	Caucasian	M 165.10
## 1049	30	33.51141	0	African American	F 162.60
## 1050	66	28.79706	0	Caucasian	F 165.00
## 1051	65	27.31724	0	Caucasian	F 149.80
## 1053	57	31.66208	1	Caucasian	M 165.00
## 1054	53	23.73521	0	Caucasian	M 182.90
## 1055	68	31.25780	0	African American	F 154.90
## 1056	73	31.86616	1	Caucasian	M 182.90
## 1057	87	25.04218	0	Caucasian	M 165.10
## 1059	57	27.64497	0	Caucasian	F 162.50
## 1060	81	34.55708	0	Caucasian	M 167.60
## 1061	89	29.72614	0	Caucasian	M 167.60
## 1062	67	27.42186	0	Caucasian	F 162.60
## 1063	76	33.51133	0	Caucasian	F 149.90
## 1064	31	27.65465	0	Caucasian	M 167.50
## 1065	64	33.66908	1	Caucasian	M 188.00
## 1068	85	26.25722	0	Caucasian	F 149.90
## 1069	19	20.54097	0	Caucasian	M 188.00
## 1070	88	53.87755	0	Caucasian	M 175.00
## 1071	37	24.84898	0	Caucasian	M 175.00
## 1072	34	27.37024	0	Other/Unknown	M 170.00

## 1073	79	32.88106	0	African American	F	170.20
## 1074	44	35.46296	0	Caucasian	M	180.00
## 1075	42	35.89549	0	Caucasian	F	152.40
## 1076	56	25.08041	0	Caucasian	M	182.90
## 1077	63	41.42146	1	Caucasian	M	188.00
## 1078	65	21.95564	0	Caucasian	M	188.00
## 1079	68	33.86713	1	Caucasian	M	188.00
## 1080	63	31.32814	0	Hispanic	M	167.60
## 1081	60	27.96227	0	Caucasian	M	180.30
## 1084	31	29.06397	0	Caucasian	F	167.60
## 1085	80	28.04688	1	Caucasian	F	160.00
## 1086	49	29.62963	0	Caucasian	F	157.50
## 1087	81	34.68995	0	Caucasian	F	158.00
## 1088	56	51.32413	0	Caucasian	M	188.00
## 1089	69	33.68421	0	African American	M	190.00
## 1090	25	20.70312	0	Caucasian	F	160.00
## 1091	62	23.98831	0	Caucasian	M	185.00
## 1092	72	22.31834	1	Caucasian	F	170.00
## 1093	60	24.57222	0	African American	M	182.90
## 1094	78	31.42760	1	Caucasian	F	163.00
## 1095	23	22.62916	0	Caucasian	M	182.90
## 1096	41	53.89882	0	African American	M	188.00
## 1097	35	22.12887	0	Caucasian	M	172.70
## 1099	57	23.62964	0	Caucasian	F	177.80
## 1100	46	41.38766	0	African American	F	147.30
## 1101	55	24.42593	0	Caucasian	M	183.00
## 1102	88	25.33308	1	Caucasian	F	146.00
## 1103	73	30.17573	0	Caucasian	M	172.70
## 1104	59	29.54172	0	Caucasian	M	178.00
## 1105	74	30.32544	1	Caucasian	F	156.00
## 1106	62	17.98534	0	Caucasian	F	170.20
## 1107	55	25.66206	0	Caucasian	M	188.00
## 1108	58	20.16529	0	Caucasian	F	165.00
## 1109	51	22.08525	0	Caucasian	F	165.10
## 1110	87	25.30617	0	Other/Unknown	M	177.80
## 1111	68	27.65465	0	Caucasian	M	182.90
## 1112	36	23.39215	0	Caucasian	M	187.00
## 1113	71	29.71429	0	Caucasian	M	175.00
## 1115	87	27.65465	1	Caucasian	F	157.50
## 1118	65	23.10120	1	Caucasian	M	172.70
## 1119	54	19.84106	0	Caucasian	F	185.40
## 1120	33	47.33728	0	Caucasian	M	162.50
## 1121	69	29.25554	1	Caucasian	M	175.20
## 1122	36	23.59862	0	Caucasian	M	170.00
## 1123	48	28.28893	0	Other/Unknown	F	165.10
## 1125	55	38.02142	0	Other/Unknown	M	172.70
## 1126	83	24.70515	1	Caucasian	M	177.80
## 1127	78	23.66127	0	Caucasian	M	177.80
## 1128	55	28.66355	0	Caucasian	F	168.00
## 1129	54	32.19290	0	Caucasian	M	178.00
## 1130	45	24.20811	0	Other/Unknown	M	167.60
## 1132	58	29.54126	0	Caucasian	F	172.30
## 1133	88	25.11806	0	Caucasian	M	175.20
## 1134	64	22.31572	0	Caucasian	F	162.60



## 1135	68	21.39034	0	African American	F	149.80
## 1136	25	27.30223	0	Caucasian	M	175.30
## 1138	66	26.61886	0	Caucasian	F	175.30
## 1139	58	32.42353	1	Caucasian	M	177.80
## 1141	65	26.57148	0	African American	F	160.02
## 1142	84	51.97130	0	Caucasian	F	154.90
## 1143	50	27.02690	0	Caucasian	M	185.40
## 1145	64	28.32663	1	Caucasian	F	162.50
## 1146	75	21.65327	0	Hispanic	M	157.48
## 1147	80	21.61002	0	Caucasian	M	170.20
## 1148	66	50.12503	1	Caucasian	F	167.60
## 1149	41	33.82475	1	Caucasian	F	157.40
## 1150	52	20.89536	1	Caucasian	M	182.90
## 1151	57	25.05838	1	Caucasian	F	152.40
## 1152	64	29.68492	1	Caucasian	M	180.30
## 1153	54	29.79450	1	Caucasian	F	152.40
## 1154	80	34.03867	1	Caucasian	M	172.00
## 1155	57	27.65465	0	Caucasian	M	170.10
## 1156	65	26.12423	1	African American	M	175.30
## 1157	63	30.40163	1	Caucasian	M	185.40
## 1158	72	29.95300	0	Caucasian	M	182.90
## 1159	69	48.39806	0	Caucasian	M	177.80
## 1160	17	25.88057	0	Hispanic	M	178.00
## 1161	59	42.01735	1	Caucasian	F	164.50
## 1163	65	39.06720	0	Caucasian	M	180.30
## 1164	84	24.23360	0	Caucasian	M	170.20
## 1165	52	28.02990	0	Caucasian	F	172.70
## 1167	36	19.33478	0	Caucasian	F	172.00
## 1168	55	35.52973	0	Caucasian	F	162.56
## 1169	75	23.09442	0	Caucasian	M	170.20
## 1170	43	24.11317	0	Caucasian	M	175.30
## 1171	82	32.31111	1	Caucasian	F	150.00
## 1172	83	26.42357	0	Caucasian	F	174.00
## 1173	41	25.63692	0	Caucasian	F	158.00
## 1174	31	44.64009	0	African American	M	190.50
## 1177	77	19.89022	0	Caucasian	M	188.00
## 1178	81	27.73230	0	Caucasian	F	173.00
## 1179	32	23.97782	0	Caucasian	M	175.20
## 1180	74	27.47171	0	Caucasian	M	183.00
## 1181	84	24.94298	0	Caucasian	M	175.30
## 1182	67	31.40757	0	African American	M	180.30
## 1183	71	23.55997	0	Caucasian	M	175.30
## 1185	75	32.80313	1	Caucasian	M	177.80
## 1186	36	45.52971	1	Caucasian	M	185.40
## 1188	52	33.31217	0	Caucasian	M	173.00
## 1189	60	27.65465	0	African American	F	170.10
## 1190	65	20.56127	0	Caucasian	M	177.80
## 1191	63	27.81250	0	Caucasian	F	160.00
## 1192	81	27.65465	0	Caucasian	M	188.00
## 1193	75	27.37500	1	African American	F	170.20
## 1194	19	18.29465	0	Caucasian	M	182.90
## 1195	26	21.71925	0	African American	F	162.00
## 1196	21	22.42545	0	Caucasian	F	149.90
## 1197	39	34.88281	0	Other/Unknown	M	160.00

## 1198	75	35.65007	0	Caucasian	M 177.80
## 1199	84	23.05066	0	Caucasian	M 182.90
## 1200	65	24.50612	1	Caucasian	F 154.90
## 1201	51	27.13058	0	Caucasian	F 161.20
## 1202	53	47.61215	1	Other/Unknown	M 182.80
## 1203	54	31.26725	0	Caucasian	M 195.59
## 1204	54	27.66159	1	Caucasian	F 165.10
## 1205	53	25.41483	0	Caucasian	M 175.30
## 1207	79	24.54429	1	Other/Unknown	M 170.20
## 1209	79	24.54324	0	African American	F 165.10
## 1210	70	37.07368	0	Caucasian	F 162.56
## 1211	24	47.76578	1	Caucasian	M 165.10
## 1212	78	33.76039	0	Other/Unknown	F 152.00
## 1214	80	28.94531	0	African American	F 160.00
## 1217	76	21.77755	0	Caucasian	M 178.00
## 1218	37	30.41043	0	African American	M 172.70
## 1220	63	16.22618	0	Hispanic	M 162.60
## 1221	20	37.17172	0	Caucasian	F 165.00
## 1223	86	20.64809	0	Caucasian	F 167.60
## 1224	48	46.83944	0	African American	M 172.70
## 1225	71	26.01819	0	Caucasian	M 172.70
## 1226	63	23.30109	0	Caucasian	M 177.00
## 1227	53	35.83259	0	Hispanic	M 170.20
## 1228	67	29.38272	0	Caucasian	M 180.00
## 1229	66	34.08982	0	Caucasian	M 177.00
## 1231	80	26.62892	0	Caucasian	M 167.60
## 1232	79	25.31545	1	Caucasian	F 159.00
## 1235	59	30.37037	0	Caucasian	M 180.00
## 1237	72	20.28761	0	Caucasian	M 165.10
## 1238	79	27.65465	1	Caucasian	F 185.00
## 1239	37	38.86719	0	Caucasian	F 160.00
## 1240	37	30.86895	0	African American	F 167.30
## 1242	81	23.96178	1	Caucasian	M 177.80
## 1243	59	34.11107	0	Caucasian	F 165.10
## 1244	64	24.08521	0	Asian	F 162.50
## 1245	29	31.95312	0	Caucasian	F 160.00
## 1246	69	32.14025	0	Caucasian	M 185.00
## 1247	72	23.41373	0	Caucasian	M 167.64
## 1248	48	25.15954	0	Caucasian	F 173.00
## 1249	75	24.97840	0	Hispanic	M 180.30
## 1250	31	40.72832	0	Caucasian	F 180.30
## 1252	59	27.03373	1	Caucasian	F 168.00
## 1253	57	27.71769	0	Caucasian	M 172.00
## 1255	57	53.70064	0	African American	F 165.00
## 1256	65	20.17170	0	Other/Unknown	F 154.90
## 1258	27	22.83841	0	Caucasian	M 182.90
## 1259	65	23.13933	0	Caucasian	F 157.50
## 1262	60	31.06818	1	Caucasian	M 162.56
## 1265	55	33.99732	1	African American	F 157.00
## 1266	56	38.54112	0	Caucasian	F 157.00
## 1267	66	25.80896	0	Native American	M 180.30
## 1268	66	33.89890	0	Caucasian	M 182.90
## 1269	77	40.33058	0	Caucasian	F 165.00
## 1270	41	39.11476	0	Caucasian	M 175.30

## 1271	65	27.41245	0	Caucasian	F 157.50
## 1272	80	28.16020	0	Caucasian	F 147.30
## 1273	67	38.57661	0	Caucasian	M 185.40
## 1274	77	21.84381	1	Caucasian	F 144.80
## 1275	60	29.16197	0	Caucasian	M 180.30
## 1276	59	27.65465	0	Caucasian	F 170.10
## 1277	61	54.45312	0	Caucasian	F 160.00
## 1278	78	28.75091	1	Caucasian	M 185.00
## 1281	64	40.97442	1	Caucasian	M 180.30
## 1282	53	37.69534	0	Caucasian	M 182.90
## 1283	53	28.66354	0	Caucasian	F 177.00
## 1284	62	27.47563	1	Caucasian	F 163.00
## 1285	48	28.34041	0	Caucasian	F 154.90
## 1286	70	18.14933	0	Caucasian	M 180.30
## 1287	65	34.77509	0	African American	F 170.00
## 1288	83	33.75562	0	Caucasian	M 152.40
## 1289	47	26.25362	1	Hispanic	F 162.00
## 1290	72	27.04842	1	Caucasian	F 154.90
## 1291	72	37.24694	0	Caucasian	M 182.90
## 1292	61	24.91349	0	Caucasian	F 170.00
## 1293	64	24.60129	0	Caucasian	M 175.30
## 1295	68	28.60476	0	Caucasian	M 163.00
## 1297	51	43.86564	0	Caucasian	M 142.20
## 1298	75	22.96967	0	Caucasian	M 180.30
## 1299	32	37.64922	0	Caucasian	F 165.00
## 1300	72	29.28055	0	African American	F 170.20
## 1301	66	20.70082	0	Caucasian	F 163.00
## 1303	22	26.13074	0	Caucasian	F 175.30
## 1304	51	50.69676	0	Hispanic	F 157.40
## 1305	76	25.08651	0	Caucasian	M 170.00
## 1307	62	40.23180	0	Other/Unknown	F 157.50
## 1308	70	29.20884	0	Caucasian	M 193.00
## 1309	55	27.65465	0	Caucasian	M 177.80
## 1310	20	51.58117	0	African American	F 165.10
## 1311	68	37.68293	0	African American	M 180.30
## 1312	20	31.30482	1	Caucasian	M 175.30
## 1314	52	35.87559	1	Caucasian	F 172.70
## 1315	34	29.49531	0	Caucasian	F 174.00
## 1316	74	40.77077	0	Caucasian	M 172.70
## 1317	74	29.47542	0	Caucasian	F 152.00
## 1319	74	25.34944	0	Caucasian	M 182.90
## 1320	59	25.94675	1	Caucasian	F 162.60
## 1321	41	29.86854	0	African American	M 167.60
## 1322	72	24.11765	0	Caucasian	M 185.40
## 1323	35	33.28447	0	Other/Unknown	M 162.60
## 1324	73	26.55559	0	Caucasian	M 195.59
## 1325	54	41.28203	1	Caucasian	M 180.30
## 1326	73	29.26253	0	Caucasian	M 193.00
## 1327	59	40.08480	1	Caucasian	F 152.40
## 1328	19	34.64610	0	African American	F 162.60
## 1329	70	25.37279	0	Caucasian	F 170.20
## 1330	25	29.24211	0	Caucasian	F 158.00
## 1331	84	23.12894	0	Caucasian	F 170.20
## 1332	62	26.54321	0	Caucasian	M 180.00

## 1333	58	47.11150	0	Caucasian	M 173.00
## 1334	72	44.45121	1	Caucasian	M 182.90
## 1335	69	35.49383	0	Hispanic	M 180.00
## 1336	78	18.28826	0	Hispanic	M 175.30
## 1338	70	23.08571	0	Caucasian	M 175.00
## 1339	81	28.28342	1	Caucasian	M 185.00
## 1340	46	25.27611	0	Caucasian	F 167.60
## 1342	49	25.01730	0	Caucasian	F 170.00
## 1343	79	67.81499	0	Hispanic	F 137.20
## 1344	56	22.14844	0	Caucasian	F 160.00
## 1345	64	22.62916	0	Caucasian	M 182.90
## 1347	78	21.25000	0	Caucasian	F 160.00
## 1348	65	23.50608	0	Caucasian	M 179.10
## 1349	74	25.69120	0	Caucasian	M 178.00
## 1350	25	24.87384	0	Caucasian	M 183.00
## 1351	53	22.12815	1	Native American	M 175.30
## 1353	80	28.64198	1	Caucasian	M 180.00
## 1354	71	23.30668	0	Caucasian	M 167.00
## 1355	66	36.61843	0	Caucasian	M 193.00
## 1356	67	20.66671	0	Caucasian	F 152.40
## 1357	66	31.63272	0	African American	F 177.80
## 1358	55	25.94675	0	Caucasian	F 162.60
## 1359	47	35.59763	0	African American	F 162.50
## 1360	77	27.65465	0	Caucasian	F 152.40
## 1361	64	39.00851	0	African American	F 170.20
## 1362	79	21.91358	0	Caucasian	M 180.00
## 1363	39	58.40220	1	Caucasian	F 165.00
## 1364	70	28.43201	0	Caucasian	M 165.10
## 1366	69	16.99219	1	Caucasian	F 160.00
## 1367	51	28.63221	1	Caucasian	F 162.60
## 1368	76	26.37282	0	Other/Unknown	M 165.00
## 1369	47	21.90671	0	African American	M 190.50
## 1370	65	31.22149	0	Caucasian	M 177.80
## 1371	42	27.65465	0	Caucasian	M 182.90
## 1373	52	51.90618	1	Caucasian	F 168.00
## 1375	77	27.65465	0	Caucasian	M 185.40
## 1377	67	21.60494	0	African American	M 180.00
## 1378	74	32.17667	0	Caucasian	F 170.10
## 1379	62	34.15510	1	Caucasian	F 165.10
## 1380	59	28.33877	0	Caucasian	M 182.90
## 1381	51	25.83504	0	Caucasian	F 167.60
## 1383	72	21.11944	0	Asian	F 167.00
## 1385	63	20.91787	0	Caucasian	M 180.30
## 1386	72	32.71862	0	Caucasian	M 164.00
## 1388	82	21.86759	0	Caucasian	F 163.00
## 1389	60	20.36099	0	Caucasian	F 165.10
## 1390	65	25.50637	1	Caucasian	F 154.90
## 1391	47	25.89060	0	Hispanic	M 170.20
## 1392	68	24.24242	1	Caucasian	F 165.00
## 1394	73	21.48789	0	Caucasian	M 170.00
## 1395	67	20.65306	0	Caucasian	F 172.00
## 1396	59	25.01233	0	Caucasian	M 172.70
## 1397	84	24.01777	0	Caucasian	M 162.60
## 1398	80	34.57368	0	Caucasian	F 152.40

## 1400	46	31.95312	0	African American	F	160.00
## 1401	87	17.15663	0	Caucasian	F	162.60
## 1402	23	22.60981	0	African American	F	154.90
## 1405	61	27.32240	0	African American	M	182.90
## 1407	19	17.12963	0	Caucasian	M	180.00
## 1408	60	38.54190	0	Caucasian	F	162.60
## 1409	87	28.01041	1	Caucasian	M	188.00
## 1410	53	45.55304	0	Caucasian	F	157.50
## 1411	65	21.67852	0	Caucasian	F	152.40
## 1412	20	20.31142	0	Caucasian	M	170.00
## 1413	64	53.23389	0	Caucasian	M	180.34
## 1414	29	18.47648	1	Caucasian	M	167.60
## 1415	38	34.58984	0	Caucasian	F	170.20
## 1417	53	18.96145	0	Caucasian	M	183.00
## 1418	82	21.27165	0	Caucasian	F	157.40
## 1419	57	36.26103	0	Caucasian	M	180.34
## 1420	51	33.23304	0	Caucasian	F	142.20
## 1422	54	34.88362	0	Caucasian	M	180.30
## 1424	87	25.08041	0	Caucasian	M	182.90
## 1425	57	28.65227	0	Other/Unknown	M	170.20
## 1426	85	24.13969	0	Caucasian	M	165.10
## 1427	83	24.74410	0	Caucasian	M	172.70
## 1428	57	24.30823	0	Caucasian	M	172.70
## 1429	57	33.72976	0	Caucasian	M	172.70
## 1430	85	22.01314	0	Caucasian	M	162.60
## 1431	73	17.22956	0	Caucasian	M	180.30
## 1433	77	24.56747	0	Caucasian	M	170.00
## 1434	83	39.58594	0	Caucasian	F	144.80
## 1435	78	25.42682	0	Caucasian	M	185.40
## 1436	49	35.34252	0	Caucasian	M	182.80
## 1437	72	26.15230	1	Caucasian	M	172.70
## 1440	80	31.59767	0	Caucasian	F	149.90
## 1441	67	41.34365	1	Caucasian	F	154.90
## 1442	68	32.51094	1	Caucasian	M	193.00
## 1443	87	16.83594	0	Caucasian	F	160.00
## 1446	35	47.14593	0	Caucasian	F	152.40
## 1447	65	29.04371	0	Caucasian	M	167.00
## 1448	82	26.70012	0	Hispanic	M	167.60
## 1449	50	26.61554	0	Caucasian	F	170.20
## 1450	72	23.86495	0	Caucasian	F	157.50
## 1451	81	27.21503	1	Caucasian	M	167.00
## 1452	53	46.59654	0	Caucasian	M	190.50
## 1453	64	33.51764	0	African American	M	175.30
## 1454	53	39.30461	0	Caucasian	F	157.50
## 1455	68	23.32109	1	Caucasian	M	183.00
## 1456	45	25.97012	0	Caucasian	F	163.00
## 1457	34	33.65721	0	Caucasian	M	177.80
## 1458	22	22.36012	1	Other/Unknown	M	182.90
## 1459	49	44.54308	0	Caucasian	F	179.10
## 1460	43	30.23432	0	Native American	F	157.50
## 1466	71	35.90313	0	Caucasian	M	177.80
## 1467	52	43.61020	0	Caucasian	F	167.60
## 1468	65	28.78577	0	Caucasian	M	177.80
## 1469	54	40.77135	0	African American	F	165.00

## 1470	55	17.66689	0	African American	M	182.90
## 1471	42	26.32791	0	African American	M	177.80
## 1472	66	29.89321	1	African American	M	182.90
## 1475	50	34.44429	0	Caucasian	M	172.00
## 1476	73	30.02330	0	Caucasian	M	180.30
## 1477	46	14.86420	0	Caucasian	F	149.00
## 1478	80	21.64062	1	Caucasian	F	160.00
## 1479	52	37.80028	0	Caucasian	M	170.20
## 1480	58	33.92513	0	Caucasian	F	154.90
## 1481	74	26.72453	0	Caucasian	M	182.90
## 1483	61	27.22561	0	Caucasian	M	186.70
## 1484	56	22.23140	0	Caucasian	M	170.20
## 1486	55	30.71806	0	Other/Unknown	M	157.50
## 1487	56	29.72656	0	Caucasian	F	160.00
## 1488	51	49.08343	0	Caucasian	F	152.40
## 1489	66	32.70823	0	Caucasian	M	177.80
## 1491	83	26.04817	0	African American	F	154.90
## 1492	65	36.42380	0	African American	F	162.60
## 1494	76	24.35970	0	Caucasian	M	182.80
## 1495	45	43.04744	0	Hispanic	M	170.20
## 1496	65	32.28935	0	Caucasian	F	167.60
## 1497	74	30.67445	0	Caucasian	M	177.00
## 1498	63	27.52046	1	Caucasian	M	177.80
## 1501	61	24.46444	0	Hispanic	F	154.90
## 1502	85	23.80977	0	Caucasian	F	152.40
## 1503	72	22.65625	0	Caucasian	F	160.00
## 1506	59	39.17969	0	Caucasian	F	160.00
## 1507	30	22.44980	0	Other/Unknown	M	182.90
## 1509	19	23.08403	0	Caucasian	F	137.20
## 1510	77	24.75158	0	Caucasian	M	182.90
## 1511	35	31.05497	0	African American	M	183.00
## 1512	55	20.38884	0	Caucasian	F	178.00
## 1513	78	25.62250	0	Hispanic	M	177.80
## 1514	56	32.43083	0	Caucasian	F	165.10
## 1515	80	31.85415	0	Caucasian	M	177.80
## 1516	74	35.58594	0	Caucasian	F	160.00
## 1517	81	21.88745	0	Caucasian	M	182.00
## 1518	43	31.31639	0	Caucasian	M	177.80
## 1519	78	36.17959	0	Caucasian	F	175.00
## 1520	68	35.00000	0	African American	F	160.00
## 1521	67	41.91335	0	Caucasian	M	177.80
## 1522	55	27.65465	0	Other/Unknown	F	170.10
## 1523	65	23.91186	0	Caucasian	F	162.60
## 1524	73	27.65465	0	Caucasian	M	188.00
## 1525	67	52.04858	0	Caucasian	M	180.30
## 1528	52	18.42404	0	Caucasian	M	168.00
## 1529	55	41.31233	1	African American	M	177.80
## 1530	65	36.00520	0	Hispanic	F	170.20
## 1532	41	28.59375	0	African American	F	160.00
## 1533	72	22.64170	0	Caucasian	F	167.60
## 1534	30	49.71016	0	African American	F	165.10
## 1535	74	25.21350	1	Caucasian	M	172.70
## 1536	25	24.46444	0	Caucasian	F	154.90
## 1537	54	26.43846	0	Caucasian	F	162.60

## 1538	35	22.43199	0	Caucasian	F 152.40
## 1540	65	24.15512	1	Caucasian	M 190.00
## 1542	70	31.40386	0	Caucasian	M 178.00
## 1543	75	25.97012	0	Caucasian	F 163.00
## 1544	70	27.65465	1	Caucasian	F 157.50
## 1545	40	27.65465	0	Hispanic	M 170.10
## 1546	72	33.29528	0	Caucasian	M 175.20
## 1548	29	28.05068	0	Caucasian	M 175.30
## 1549	51	41.88453	1	African American	M 190.50
## 1550	37	30.74074	0	Caucasian	M 180.00
## 1551	87	22.81053	0	Caucasian	M 170.10
## 1552	67	19.87576	1	African American	M 168.90
## 1553	71	17.16468	1	Caucasian	M 182.90
## 1554	39	39.21812	1	African American	F 154.90
## 1555	75	27.52767	0	Caucasian	F 179.10
## 1556	77	27.26261	0	Caucasian	M 182.90
## 1557	68	32.14124	0	Caucasian	M 188.00
## 1558	45	29.44996	0	Caucasian	M 175.30
## 1559	74	31.66667	0	Caucasian	M 180.00
## 1560	65	24.83576	0	Caucasian	F 158.00
## 1562	31	30.29604	1	Other/Unknown	M 175.30
## 1563	44	36.04568	1	Caucasian	F 160.02
## 1564	63	27.65465	0	Caucasian	M 180.30
## 1565	73	34.93684	0	Caucasian	M 183.00
## 1566	57	30.48669	0	Other/Unknown	M 165.00
## 1567	64	29.93752	1	Caucasian	M 173.00
## 1568	47	24.91349	0	African American	M 170.00
## 1569	73	29.44133	0	Caucasian	M 167.60
## 1570	67	35.27208	0	Caucasian	F 172.70
## 1571	77	24.20811	0	Caucasian	F 167.60
## 1572	66	48.18683	1	Caucasian	F 162.60
## 1573	78	31.37941	0	Caucasian	M 170.20
## 1574	50	29.34654	1	Other/Unknown	M 180.30
## 1575	81	18.25869	1	Caucasian	M 193.04
## 1576	72	30.08214	1	Caucasian	M 167.60
## 1577	70	28.37333	0	Caucasian	M 167.60
## 1578	72	31.75925	0	Caucasian	M 177.80
## 1579	55	25.69917	0	Caucasian	M 189.00
## 1580	30	28.02659	0	Caucasian	M 177.80
## 1581	60	20.31250	0	Caucasian	F 160.00
## 1583	40	21.30584	0	Hispanic	F 162.60
## 1584	79	23.80946	0	Caucasian	M 180.30
## 1585	79	21.31484	1	Caucasian	F 165.10
## 1587	35	20.24112	0	African American	M 180.30
## 1588	84	22.13105	0	Caucasian	F 163.00
## 1589	50	44.08308	1	Caucasian	M 173.50
## 1590	80	23.62964	0	Caucasian	M 177.80
## 1591	46	27.65465	0	Caucasian	M 162.60
## 1592	70	22.75597	0	Caucasian	M 178.00
## 1594	86	22.04374	0	Caucasian	M 180.30
## 1595	84	16.80644	0	Caucasian	M 173.00
## 1596	60	28.75000	0	Caucasian	F 160.00
## 1597	41	44.78710	0	Caucasian	F 157.50
## 1598	57	23.80623	0	Other/Unknown	M 170.00

## 1599	22	23.03005	0	Caucasian	F 168.00
## 1601	36	33.77933	0	Caucasian	M 182.90
## 1602	56	21.18347	0	Caucasian	M 173.00
## 1603	72	26.17188	0	African American	F 160.00
## 1604	53	20.91128	0	Caucasian	F 165.10
## 1605	53	23.47415	1	Caucasian	M 170.20
## 1606	52	39.50617	0	Caucasian	F 157.50
## 1608	72	20.69117	1	Caucasian	F 165.10
## 1609	79	24.76562	0	Caucasian	F 160.00
## 1610	57	29.26333	1	Caucasian	F 167.60
## 1611	29	43.42214	0	Caucasian	F 167.00
## 1612	81	25.31672	0	Caucasian	M 152.40
## 1613	41	27.17917	1	African American	F 167.00
## 1614	81	29.64844	0	Asian	F 160.00
## 1615	65	20.27329	0	Caucasian	M 175.30
## 1616	38	32.90633	0	Caucasian	M 183.00
## 1617	54	22.93372	0	Caucasian	M 177.80
## 1618	70	20.05385	0	Caucasian	M 168.00
## 1619	28	25.08888	0	African American	M 182.88
## 1620	65	29.14588	0	Caucasian	M 182.90
## 1621	78	31.44030	0	Caucasian	F 165.10
## 1622	56	23.87543	1	Caucasian	M 170.00
## 1623	20	28.06514	0	Caucasian	F 165.10
## 1625	80	23.01839	0	Caucasian	F 157.50
## 1626	47	44.60184	0	Caucasian	F 157.40
## 1627	75	23.47415	0	Caucasian	M 170.20
## 1628	62	41.90139	0	African American	F 167.60
## 1630	61	31.28184	1	Caucasian	F 157.40
## 1631	85	27.65465	0	Caucasian	M 170.20
## 1633	63	34.01532	0	Caucasian	F 161.30
## 1634	69	27.98695	0	Caucasian	M 185.40
## 1635	61	34.59094	0	Caucasian	M 185.40
## 1637	59	27.65465	1	Caucasian	M 182.90
## 1638	74	30.68734	0	Caucasian	M 167.60
## 1639	42	27.65465	1	African American	F 170.10
## 1641	85	21.09375	0	Caucasian	F 160.00
## 1642	82	23.83883	1	Caucasian	M 172.70
## 1644	64	23.89588	1	Caucasian	F 152.40
## 1645	38	26.85032	0	Caucasian	M 165.00
## 1647	66	33.31497	0	Caucasian	F 165.00
## 1650	25	19.94681	0	Other/Unknown	M 188.00
## 1652	27	37.06679	0	Caucasian	F 162.60
## 1653	46	46.78835	1	African American	M 180.30
## 1654	36	32.58356	0	African American	M 185.40
## 1655	60	34.67072	0	Caucasian	M 162.56
## 1656	86	25.40283	0	Caucasian	F 152.40
## 1657	84	24.16906	0	Caucasian	M 162.60
## 1659	67	46.57988	1	Caucasian	F 162.50
## 1661	64	39.36962	0	Caucasian	M 187.90
## 1662	58	30.99968	1	Caucasian	F 170.20
## 1663	88	20.68008	0	Caucasian	F 144.80
## 1664	74	45.21221	0	African American	F 167.60
## 1665	72	39.35457	0	Caucasian	F 157.40
## 1666	52	26.62757	1	Caucasian	F 162.60



## 1667	28	37.16844	0	African American	M	177.80
## 1668	45	27.80069	0	African American	M	182.90
## 1669	66	27.15266	0	Caucasian	M	162.50
## 1670	65	19.38221	0	Caucasian	F	157.50
## 1672	67	20.42704	1	Caucasian	F	162.56
## 1674	46	31.31429	1	Caucasian	M	175.00
## 1675	19	18.16139	0	Caucasian	F	170.20
## 1676	63	37.79300	1	Caucasian	M	162.60
## 1677	23	25.37279	0	Caucasian	F	170.20
## 1678	38	25.66901	0	Caucasian	F	163.00
## 1679	49	26.55465	0	African American	F	172.70
## 1680	71	48.65288	0	Caucasian	F	152.40
## 1681	33	50.88413	1	Other/Unknown	F	165.10
## 1682	58	27.65465	1	Caucasian	M	180.30
## 1683	59	34.06400	0	Caucasian	M	157.50
## 1684	88	27.26740	0	Caucasian	M	177.80
## 1685	87	37.17595	0	Hispanic	F	154.90
## 1686	59	35.84147	0	Caucasian	M	181.60
## 1687	86	27.59022	0	Caucasian	F	154.90
## 1688	56	26.32499	0	Asian	M	162.60
## 1689	57	26.72453	1	African American	M	182.90
## 1690	73	23.47934	1	Caucasian	M	165.10
## 1691	80	32.26324	0	Caucasian	F	162.60
## 1692	71	32.25277	0	Caucasian	F	137.20
## 1693	77	34.00849	0	Hispanic	F	154.90
## 1694	68	37.74761	0	Hispanic	F	162.60
## 1695	50	34.92376	0	Caucasian	F	167.60
## 1696	77	38.25659	0	Caucasian	M	185.40
## 1698	64	20.39889	0	Caucasian	F	167.60
## 1699	65	24.83168	0	Caucasian	M	177.80
## 1700	43	28.19533	0	Caucasian	M	167.60
## 1701	75	21.21094	0	Caucasian	F	160.00
## 1702	75	21.77368	1	African American	F	170.10
## 1703	75	20.76735	1	Caucasian	M	175.00
## 1704	73	34.00311	0	Caucasian	F	162.60
## 1705	36	45.25677	1	Caucasian	F	170.20
## 1706	78	30.68899	1	Caucasian	F	170.20
## 1708	58	43.73377	0	Hispanic	M	182.90
## 1709	70	32.70400	0	Caucasian	F	154.90
## 1710	19	22.67233	0	Other/Unknown	M	154.90
## 1711	62	37.70979	0	Caucasian	F	162.60
## 1712	63	25.49128	0	Caucasian	F	165.00
## 1713	41	22.17890	0	Asian	M	167.60
## 1714	73	26.39747	0	Caucasian	M	187.90
## 1715	56	31.68855	1	Caucasian	M	188.00
## 1716	81	27.22399	0	Caucasian	M	180.30
## 1717	75	26.52945	1	Caucasian	M	173.00
## 1718	69	34.41639	1	Caucasian	M	185.40
## 1719	77	25.72103	0	Caucasian	F	154.00
## 1720	31	39.55978	0	Caucasian	F	170.18
## 1721	88	31.55036	0	Caucasian	F	165.10
## 1722	68	16.17188	0	Caucasian	F	160.00
## 1723	68	43.59819	0	Caucasian	F	165.10
## 1724	58	27.65465	0	Caucasian	M	177.80

## 1725	82	18.24508	0	Caucasian	F 167.60
## 1726	85	22.06602	0	Caucasian	F 152.40
## 1727	50	27.23183	1	Caucasian	F 170.00
## 1728	52	34.55896	1	Caucasian	F 175.30
## 1729	84	15.62847	0	Hispanic	M 167.60
## 1730	68	42.44720	0	Caucasian	M 172.70
## 1731	63	28.54674	0	Caucasian	M 180.30
## 1732	52	33.02112	1	African American	F 165.00
## 1733	59	24.24363	1	Other/Unknown	M 174.00
## 1735	41	31.41393	0	Caucasian	F 170.20
## 1736	72	28.67191	0	Caucasian	M 193.00
## 1737	72	28.92820	1	Caucasian	F 155.00
## 1738	38	22.42836	0	Caucasian	M 185.42
## 1740	64	35.84268	0	Caucasian	M 165.10
## 1741	82	34.96957	0	Caucasian	M 170.20
## 1742	53	56.43230	0	Other/Unknown	F 162.60
## 1743	79	30.81663	0	Caucasian	F 165.10
## 1744	65	29.14588	0	Caucasian	M 182.90
## 1745	66	21.30682	0	Caucasian	M 176.00
## 1747	83	24.27088	1	Caucasian	M 180.30
## 1748	44	27.65465	0	Caucasian	M 170.10
## 1749	35	32.40741	0	Caucasian	M 180.00
## 1750	81	26.51617	0	Caucasian	M 183.00
## 1751	56	23.61564	0	Caucasian	M 182.90
## 1752	60	28.90165	0	Caucasian	M 172.70
## 1753	65	27.65465	0	Caucasian	F 170.10
## 1754	71	24.96456	1	Caucasian	F 154.90
## 1756	62	32.52382	0	Caucasian	M 182.90
## 1758	64	25.55870	1	Other/Unknown	M 182.90
## 1759	65	19.29688	0	Caucasian	F 160.00
## 1761	22	29.01745	0	Caucasian	M 165.00
## 1762	37	27.65465	0	Caucasian	M 170.10
## 1763	83	22.48133	1	African American	F 162.00
## 1764	51	41.11867	0	Caucasian	F 157.50
## 1765	81	29.06250	0	Caucasian	F 160.00
## 1766	84	27.44404	1	Caucasian	F 170.20
## 1768	53	28.63221	0	Hispanic	M 162.60
## 1770	64	36.23563	0	Caucasian	M 190.50
## 1772	65	26.39571	0	Caucasian	M 182.90
## 1773	19	27.17453	0	African American	F 163.00
## 1774	55	40.15144	0	Asian	F 149.80
## 1775	82	24.78395	0	Caucasian	M 180.00
## 1776	50	36.77218	0	Caucasian	F 163.00
## 1778	76	27.34704	0	Caucasian	M 180.30
## 1779	47	30.99356	0	Caucasian	M 178.00
## 1781	21	22.71469	0	Caucasian	F 170.20
## 1782	65	37.27684	0	African American	M 182.90
## 1784	75	28.02990	1	Caucasian	M 172.70
## 1785	73	29.31578	0	African American	M 180.30
## 1786	57	42.35212	0	Caucasian	M 175.20
## 1787	33	35.61155	0	Caucasian	F 165.10
## 1788	89	17.97637	0	Caucasian	F 165.10
## 1789	54	28.60389	0	Caucasian	M 175.30
## 1790	40	44.11082	0	Caucasian	M 182.80

## 1792	58	36.69395	0	Caucasian	M 177.80
## 1793	62	30.90067	0	Caucasian	F 163.00
## 1794	66	26.78491	0	Caucasian	M 183.00
## 1795	64	40.97656	1	Caucasian	F 160.00
## 1796	68	31.18349	0	Caucasian	F 165.10
## 1798	69	35.32190	0	Caucasian	F 167.50
## 1799	81	19.36649	0	Hispanic	F 167.60
## 1800	73	23.47415	0	Caucasian	M 170.20
## 1801	77	29.72656	0	Caucasian	F 160.00
## 1802	57	31.01562	0	Caucasian	M 160.00
## 1803	64	31.28476	0	Caucasian	M 177.80
## 1804	19	23.73812	0	Caucasian	M 188.00
## 1805	35	28.23093	1	African American	F 167.60
## 1806	85	19.54726	0	Caucasian	F 152.40
## 1807	61	31.27541	0	Caucasian	F 175.20
## 1808	75	26.52945	1	Caucasian	M 173.00
## 1809	57	34.20687	0	Caucasian	F 180.30
## 1812	63	28.79887	0	Caucasian	M 165.10
## 1813	79	23.65759	0	Caucasian	M 175.30
## 1814	43	27.34704	0	African American	M 180.30
## 1815	63	42.18750	0	Caucasian	F 160.00
## 1816	66	20.82126	0	Caucasian	F 172.70
## 1817	73	22.51607	0	Caucasian	F 165.00
## 1819	42	27.59625	0	Caucasian	F 155.00
## 1821	64	19.05197	0	Caucasian	F 162.00
## 1822	62	34.55655	0	Caucasian	M 182.90
## 1823	86	31.77393	0	Caucasian	M 172.00
## 1824	60	21.97735	0	Caucasian	M 181.00
## 1825	68	28.55469	1	Caucasian	F 160.00
## 1827	36	27.65465	0	Other/Unknown	F 170.10
## 1828	65	33.02469	1	African American	M 180.00
## 1829	83	29.58932	0	Hispanic	F 157.50
## 1830	73	24.92011	0	Caucasian	M 167.60
## 1831	68	32.69120	0	Caucasian	M 170.20
## 1832	74	29.29535	1	Hispanic	M 182.90
## 1835	70	19.22315	0	Caucasian	M 174.00
## 1836	86	25.99591	0	Caucasian	F 167.00
## 1837	84	35.15878	0	Caucasian	F 154.90
## 1838	57	28.26383	1	Caucasian	M 177.80
## 1839	88	27.83922	0	Caucasian	M 180.30
## 1840	74	29.82610	0	Caucasian	M 165.10
## 1841	65	15.20569	0	Caucasian	F 163.00
## 1842	66	16.82071	1	Caucasian	F 162.56
## 1843	59	32.85895	0	Caucasian	F 167.60
## 1844	71	22.94168	0	Caucasian	M 175.30
## 1845	53	24.97578	0	Caucasian	M 182.90
## 1846	33	27.33135	0	Caucasian	M 173.00
## 1847	49	40.58823	1	Caucasian	F 163.80
## 1848	78	31.11282	0	Caucasian	M 179.10
## 1849	60	37.13097	0	Caucasian	M 167.60
## 1850	37	30.66929	1	Caucasian	M 180.30
## 1851	75	60.55503	0	Caucasian	F 162.60
## 1852	87	40.33498	0	Hispanic	F 167.60
## 1853	30	27.65465	0	Caucasian	M 170.20

## 1854	87	24.42063	0	Caucasian	F 149.80
## 1855	71	25.52760	0	Caucasian	F 177.80
## 1856	51	23.47415	0	Caucasian	M 170.20
## 1857	88	21.74530	0	Caucasian	F 157.00
## 1858	72	27.65465	0	Caucasian	M 178.00
## 1859	84	26.66180	0	Hispanic	F 148.00
## 1861	65	32.62263	0	Hispanic	F 144.80
## 1865	48	31.53623	1	Caucasian	M 185.40
## 1866	69	25.37941	0	Caucasian	M 162.60
## 1867	53	47.44842	0	Caucasian	M 183.00
## 1868	65	16.41167	0	Caucasian	F 167.60
## 1869	64	39.14336	1	Caucasian	F 163.00
## 1870	55	27.10415	0	Caucasian	F 162.60
## 1871	65	27.65465	0	Caucasian	M 179.00
## 1872	82	25.58232	1	Caucasian	M 172.70
## 1873	65	23.91793	0	Caucasian	M 175.30
## 1874	59	49.80876	0	Caucasian	F 157.40
## 1876	72	38.16772	0	Caucasian	M 188.00
## 1878	71	29.12093	0	Caucasian	F 167.60
## 1879	46	42.22968	0	Caucasian	M 177.80
## 1880	49	24.16327	0	Caucasian	M 175.00
## 1882	57	35.33996	0	Caucasian	M 175.30
## 1883	64	37.98393	0	Caucasian	M 185.00
## 1884	63	35.60016	0	Other/Unknown	M 167.60
## 1885	46	44.92983	0	Caucasian	M 188.00
## 1886	64	24.87709	0	Hispanic	M 165.10
## 1887	65	24.45887	0	Caucasian	F 165.10
## 1888	72	23.78433	0	African American	F 157.50
## 1889	74	38.49836	0	Caucasian	F 157.50
## 1890	52	51.32232	0	Caucasian	F 152.40
## 1891	55	42.76593	1	Caucasian	M 185.40
## 1892	65	40.61035	0	Caucasian	M 183.00
## 1893	62	26.37389	0	Caucasian	F 170.20
## 1895	65	18.93105	0	Caucasian	M 187.00
## 1896	60	27.65465	0	Caucasian	M 195.59
## 1897	83	25.71165	0	Caucasian	F 157.40
## 1898	61	56.44943	0	Caucasian	F 172.00
## 1899	80	20.43632	0	Caucasian	M 170.20
## 1901	65	27.65465	0	Caucasian	M 170.10
## 1902	35	30.69695	1	Caucasian	M 190.50
## 1903	43	37.83287	0	Other/Unknown	M 165.00
## 1904	53	38.65537	1	African American	F 162.60
## 1905	81	32.32000	0	Caucasian	M 182.80
## 1906	62	21.48477	0	Caucasian	F 152.40
## 1907	36	35.24688	1	Other/Unknown	F 164.00
## 1909	87	20.54688	0	Caucasian	F 160.00
## 1911	81	24.94680	1	Caucasian	F 165.10
## 1912	82	27.72512	0	Caucasian	M 185.40
## 1913	75	24.39286	1	Caucasian	M 182.90
## 1914	88	28.72053	0	Caucasian	M 170.10
## 1915	29	27.81592	0	Caucasian	M 185.00
## 1916	40	33.92159	0	Caucasian	M 183.00
## 1917	36	25.64343	0	Caucasian	F 172.72
## 1918	54	67.81499	0	Caucasian	M 137.20

## 1919	67	32.24913	1	Caucasian	M	170.00
## 1920	60	38.43558	0	Caucasian	F	154.94
## 1923	70	22.76944	0	Asian	F	154.00
## 1924	56	27.18163	0	African American	F	157.00
## 1925	67	27.51485	0	Caucasian	F	165.10
## 1926	70	26.56745	0	Caucasian	M	188.00
## 1927	31	39.21563	0	African American	F	170.20
## 1928	73	43.52763	0	Caucasian	M	180.30
## 1931	72	21.11090	1	Caucasian	F	167.60
## 1932	50	20.44696	1	Asian	M	182.90
## 1933	62	38.73298	0	African American	F	167.60
## 1934	57	41.37221	0	Caucasian	M	182.90
## 1935	54	24.45312	0	Caucasian	M	160.00
## 1936	76	30.78799	1	Caucasian	F	162.00
## 1937	65	25.79811	0	Caucasian	F	154.90
## 1938	36	40.17355	0	Caucasian	M	177.80
## 1939	51	27.81557	1	Hispanic	M	157.50
## 1940	38	22.64615	0	Caucasian	F	162.50
## 1941	82	27.65465	0	Caucasian	F	160.00
## 1942	56	20.93750	0	Caucasian	F	160.00
## 1943	35	31.38756	0	African American	F	152.40
## 1944	73	22.81285	0	Caucasian	F	172.70
## 1946	78	19.53125	0	Caucasian	F	160.00
## 1947	60	19.64924	0	Caucasian	F	170.20
## 1948	53	28.75000	1	Caucasian	F	160.00
## 1949	59	29.97284	0	Caucasian	F	165.10
## 1950	67	39.78077	0	Caucasian	F	170.18
## 1952	84	33.15978	0	Caucasian	M	172.70
## 1953	67	39.08898	0	Caucasian	M	167.60
## 1955	26	36.01852	0	African American	F	180.00
## 1956	83	18.26288	0	Caucasian	M	167.60
## 1957	57	47.62346	0	Caucasian	M	180.00
## 1958	83	26.63805	0	Caucasian	M	178.00
## 1959	49	24.40858	0	Caucasian	M	185.40
## 1960	65	35.18794	0	African American	M	172.00
## 1962	52	21.29066	0	Caucasian	M	172.70
## 1965	86	20.92225	0	Caucasian	F	167.50
## 1967	82	25.81230	0	Caucasian	M	177.80
## 1968	74	21.93851	0	Caucasian	F	165.10
## 1969	66	21.94444	0	Caucasian	M	180.00
## 1970	75	24.22235	0	Caucasian	M	167.60
## 1971	67	42.79213	1	Caucasian	M	182.90
## 1973	16	21.25000	0	Caucasian	M	160.00
## 1975	37	23.57771	0	African American	F	170.20
## 1978	34	28.11429	0	Native American	F	175.00
## 1979	88	25.50091	1	Asian	M	149.86
## 1981	89	29.92367	0	Caucasian	F	152.40
## 1982	84	25.82938	0	Caucasian	M	183.00
## 1983	70	34.85214	1	Hispanic	M	165.10
## 1984	38	21.13140	0	Caucasian	F	165.10
## 1986	71	30.27463	0	Caucasian	F	157.50
## 1988	40	25.21778	1	Other/Unknown	M	178.00
## 1989	45	28.76493	1	Caucasian	M	167.60
## 1990	77	28.25397	1	Caucasian	M	162.60

## 1991	88	35.67649	0	Caucasian	F 157.50
## 1992	43	41.62441	0	Other/Unknown	F 157.00
## 1993	46	32.05636	0	Caucasian	M 188.00
## 1994	70	32.89833	0	Caucasian	M 170.20
## 1995	37	30.08290	0	Caucasian	M 165.10
## 1996	70	35.54031	0	African American	M 172.70
## 1997	61	20.20761	0	Other/Unknown	M 170.00
## 1999	70	33.90915	0	Caucasian	F 167.60
## 2000	58	20.47105	0	Caucasian	F 165.10
## 2001	61	29.94103	0	Caucasian	M 172.70
## 2002	68	29.29535	0	Caucasian	M 182.90
## 2003	38	25.07771	0	Caucasian	M 185.40
## 2004	58	25.27611	1	Other/Unknown	M 167.60
## 2005	61	21.68574	0	African American	F 155.00
## 2006	64	53.23389	0	Caucasian	M 180.34
## 2007	68	33.59375	1	Caucasian	F 160.00
## 2008	80	25.82645	0	Caucasian	M 176.00
## 2009	55	32.64175	0	Caucasian	M 185.40
## 2010	80	27.34033	0	Caucasian	F 152.40
## 2011	83	49.74553	0	Caucasian	F 157.50
## 2014	52	19.05548	0	African American	F 170.20
## 2015	53	37.75621	1	Caucasian	F 162.50
## 2016	66	23.71717	0	Caucasian	M 180.30
## 2017	71	27.11314	1	Caucasian	M 182.90
## 2018	45	34.30911	0	African American	F 157.40
## 2019	43	20.76125	0	Native American	M 170.00
## 2020	56	22.38281	0	Caucasian	F 160.00
## 2024	33	37.62346	0	Caucasian	M 180.00
## 2025	71	21.16342	0	Caucasian	M 188.00
## 2027	71	31.31382	0	Caucasian	M 170.20
## 2028	71	30.03310	0	Hispanic	F 170.20
## 2029	73	36.03191	0	Caucasian	M 187.00
## 2030	88	20.34860	0	Caucasian	M 195.59
## 2031	49	26.36719	0	Caucasian	F 160.00
## 2032	78	24.89814	0	Caucasian	M 188.00
## 2033	33	20.98986	0	Caucasian	F 167.60
## 2034	37	47.99383	0	African American	F 157.00
## 2035	35	33.94068	0	African American	M 175.30
## 2036	84	23.47415	1	Caucasian	F 170.20
## 2037	37	31.38408	0	Caucasian	F 170.00
## 2038	56	25.73806	0	Caucasian	M 182.90
## 2039	35	29.51830	0	African American	M 175.30
## 2040	67	26.20973	0	Caucasian	F 157.48
## 2041	86	22.59886	0	Caucasian	F 165.10
## 2042	35	31.18555	0	Caucasian	F 141.00
## 2043	70	63.43250	1	Caucasian	F 154.90
## 2045	71	33.34027	0	Caucasian	F 155.00
## 2047	76	21.73168	0	Caucasian	M 177.80
## 2048	88	18.35180	0	Caucasian	F 152.00
## 2049	69	38.73298	0	Caucasian	M 167.60
## 2050	82	29.38586	0	Caucasian	F 165.10
## 2051	89	23.21316	0	Caucasian	F 149.90
## 2052	65	19.49219	0	Caucasian	F 160.00
## 2054	53	35.83259	1	African American	F 170.20

## 2055	55	28.97740	0	Caucasian	M 180.30
## 2057	77	34.09184	1	Caucasian	F 154.90
## 2058	22	24.14675	0	Caucasian	M 185.40
## 2059	70	25.25748	0	Caucasian	M 182.80
## 2060	66	25.76966	1	Caucasian	M 183.00
## 2062	59	43.49636	0	Caucasian	F 155.00
## 2063	22	20.87759	0	Other/Unknown	M 177.80
## 2064	76	27.50687	0	Caucasian	F 154.90
## 2065	88	20.16529	0	Caucasian	M 165.00
## 2067	64	47.50897	0	Caucasian	F 165.10
## 2068	81	21.44171	0	Hispanic	F 152.40
## 2069	70	26.38794	0	Caucasian	M 163.80
## 2070	65	25.91692	1	Caucasian	M 167.60
## 2071	59	27.90006	1	Caucasian	M 177.80
## 2072	72	33.96847	1	Caucasian	M 170.20
## 2074	65	27.65465	0	Caucasian	M 180.30
## 2075	39	28.51562	0	Hispanic	F 160.00
## 2077	55	22.24175	0	Caucasian	M 172.00
## 2078	68	23.51245	0	Caucasian	F 149.00
## 2079	64	23.98753	0	African American	F 149.90
## 2080	18	27.35933	1	Caucasian	M 172.70
## 2081	59	30.30506	0	Caucasian	M 173.00
## 2082	61	24.01322	0	Caucasian	M 182.90
## 2083	83	29.76562	0	Other/Unknown	F 160.00
## 2084	79	30.71806	1	Caucasian	F 157.50
## 2085	75	31.56515	0	Caucasian	M 175.30
## 2086	36	62.47883	0	Caucasian	F 195.59
## 2087	31	28.78289	0	Other/Unknown	F 152.00
## 2088	58	27.81154	0	African American	M 171.50
## 2090	58	28.27898	1	African American	M 182.90
## 2092	74	33.12601	0	Caucasian	M 172.00
## 2093	35	23.80951	0	Hispanic	F 149.90
## 2094	24	20.56933	0	Caucasian	F 165.00
## 2095	76	20.90414	0	Caucasian	M 162.50
## 2096	46	32.52273	0	Caucasian	F 172.70
## 2097	66	33.89890	0	Caucasian	M 182.90
## 2099	88	27.65465	0	Caucasian	F 170.10
## 2100	70	24.47525	0	Caucasian	M 170.20
## 2101	76	31.07894	0	Caucasian	M 167.60
## 2103	55	22.79416	0	Caucasian	M 172.72
## 2105	73	19.36649	0	Caucasian	F 167.60
## 2106	54	27.65465	0	Caucasian	F 165.10
## 2107	77	18.34341	0	Caucasian	F 173.00
## 2108	43	39.06574	0	Caucasian	F 170.00
## 2110	80	23.93102	1	Asian	F 159.00
## 2111	73	30.76012	0	Caucasian	M 182.90
## 2112	69	29.84255	0	Caucasian	F 162.60
## 2113	66	34.18365	0	Caucasian	M 185.40
## 2114	81	31.64854	0	African American	M 167.60
## 2115	47	43.90023	0	Hispanic	F 157.50
## 2117	75	19.28375	0	Caucasian	F 165.00
## 2118	60	34.96914	0	Other/Unknown	M 185.40
## 2119	65	28.37994	0	Hispanic	F 157.50
## 2120	66	37.17532	0	Caucasian	M 167.50

## 2122	71	28.73400	0	Caucasian	M 172.70
## 2123	25	30.85938	1	Hispanic	F 160.00
## 2124	80	27.55210	0	Caucasian	M 177.80
## 2125	18	26.92623	0	Other/Unknown	M 170.20
## 2126	59	27.65465	0	Caucasian	M 175.30
## 2127	52	25.79592	0	Caucasian	M 175.00
## 2128	74	24.70515	0	Caucasian	M 177.80
## 2130	77	25.92593	0	Caucasian	M 180.00
## 2131	60	20.58656	0	Caucasian	F 172.70
## 2132	59	28.51812	1	Caucasian	F 182.90
## 2133	61	32.88106	0	Caucasian	M 170.20
## 2134	64	37.87243	0	Caucasian	M 190.50
## 2135	44	24.38882	0	Caucasian	M 177.80
## 2136	46	26.84636	0	Caucasian	M 193.00
## 2137	45	23.18367	0	Caucasian	M 175.00
## 2138	79	29.68750	1	Other/Unknown	F 160.00
## 2139	62	32.48409	0	Caucasian	M 193.00
## 2140	41	25.21127	0	African American	F 177.80
## 2141	77	26.72993	0	Caucasian	M 173.00
## 2142	65	37.64293	0	Caucasian	M 177.80
## 2143	73	24.17638	0	Hispanic	F 165.10
## 2144	65	33.78225	0	Caucasian	M 188.00
## 2145	84	32.18422	1	Caucasian	F 147.32
## 2146	64	24.73231	0	Caucasian	M 180.30
## 2147	61	25.18704	1	Caucasian	M 175.30
## 2148	67	27.65465	1	Asian	M 170.20
## 2150	79	23.72454	0	Caucasian	M 177.80
## 2151	60	27.55463	0	Caucasian	F 155.00
## 2153	72	24.39650	1	Caucasian	F 165.10
## 2155	87	26.29172	0	Other/Unknown	M 162.00
## 2157	60	18.97963	0	Caucasian	M 177.80
## 2158	67	20.73330	0	Caucasian	M 180.30
## 2159	83	23.92242	0	Caucasian	F 153.00
## 2160	64	40.85462	0	Caucasian	M 170.18
## 2161	82	29.93615	0	Hispanic	M 165.10
## 2162	65	29.90414	0	Caucasian	M 167.60
## 2163	61	23.60544	0	Caucasian	M 170.10
## 2164	71	36.31661	0	Caucasian	F 168.00
## 2165	51	22.33004	0	Caucasian	F 172.70
## 2166	64	27.47169	0	Caucasian	M 181.00
## 2167	89	24.91349	0	Caucasian	F 170.00
## 2168	63	29.82732	0	Caucasian	M 182.00
## 2169	43	27.65465	1	Caucasian	F 174.00
## 2170	49	17.77344	0	Caucasian	F 160.00
## 2171	83	28.34158	0	Caucasian	F 170.20
## 2172	49	34.22004	0	Caucasian	F 176.00
## 2174	57	25.33705	0	Caucasian	M 182.88
## 2175	73	21.17188	0	Caucasian	F 160.00
## 2176	49	33.77933	0	Caucasian	M 182.90
## 2177	35	26.99723	0	Caucasian	M 173.00
## 2178	45	33.31217	0	Caucasian	F 173.00
## 2179	56	41.26517	0	Caucasian	F 162.60
## 2180	68	26.64760	0	Caucasian	F 163.00
## 2181	46	25.28257	0	Caucasian	F 164.00



## 2182	76	38.61152	0	Caucasian	F 170.20
## 2184	77	26.06022	1	Hispanic	F 162.60
## 2185	42	27.65465	0	Caucasian	M 170.10
## 2187	52	31.07075	0	Caucasian	M 185.40
## 2188	49	36.67897	1	Caucasian	M 182.90
## 2189	74	27.65465	0	Caucasian	F 154.90
## 2190	55	28.24595	0	Caucasian	M 187.96
## 2195	63	23.02862	0	Caucasian	M 177.80
## 2196	44	27.65465	0	Caucasian	M 185.00
## 2197	20	20.50021	0	Asian	M 162.60
## 2198	28	24.40482	0	Caucasian	M 182.90
## 2199	68	29.23568	0	Caucasian	M 193.00
## 2200	64	22.12815	0	African American	M 175.30
## 2201	51	37.95437	0	Caucasian	F 172.70
## 2202	34	39.68254	0	Native American	F 168.00
## 2203	86	26.55378	0	Caucasian	M 175.30
## 2204	82	26.71910	0	Caucasian	M 170.20
## 2205	66	41.24017	0	Caucasian	M 172.70
## 2206	51	22.33004	0	Caucasian	F 172.70
## 2207	78	52.74048	0	Caucasian	F 157.00
## 2208	65	27.23842	0	Caucasian	F 147.30
## 2209	80	22.32670	0	Caucasian	F 162.56
## 2210	84	31.56059	0	Caucasian	F 157.50
## 2211	68	25.44319	1	Caucasian	F 163.00
## 2212	62	34.86469	0	Caucasian	M 144.70
## 2213	63	26.04095	0	African American	M 191.00
## 2214	62	31.71684	0	African American	M 188.00
## 2215	54	40.36491	0	Caucasian	F 149.90
## 2216	56	39.29952	0	Caucasian	F 164.00
## 2218	60	31.67347	1	Caucasian	M 175.00
## 2219	53	53.42041	0	Caucasian	M 175.00
## 2220	83	23.32949	0	Caucasian	M 193.00
## 2221	71	27.83792	1	Caucasian	F 162.60
## 2223	84	20.01403	0	Caucasian	M 173.00
## 2224	40	31.64590	0	Caucasian	F 152.40
## 2225	66	33.79247	1	Caucasian	M 165.00
## 2226	63	28.44118	1	Caucasian	F 175.30
## 2227	62	42.07067	0	Hispanic	F 157.00
## 2229	41	24.38882	0	Caucasian	M 177.80
## 2231	57	28.93515	0	Caucasian	M 173.00
## 2232	29	29.21572	0	Caucasian	F 152.00
## 2234	73	43.20312	0	African American	F 160.00
## 2235	80	20.39889	0	Caucasian	F 167.60
## 2238	65	24.46460	0	Caucasian	F 163.00
## 2240	62	34.88538	0	Caucasian	M 182.90
## 2241	49	33.46741	0	African American	F 177.80
## 2243	66	27.11130	0	Hispanic	M 165.10
## 2244	83	32.39935	0	African American	F 158.70
## 2245	39	27.65465	0	African American	F 167.60
## 2246	87	27.18002	0	Asian	M 155.00
## 2247	43	39.09804	0	Caucasian	M 177.80
## 2249	60	25.29605	0	Caucasian	M 190.50
## 2250	70	30.24691	1	Caucasian	M 180.00
## 2251	80	18.83239	0	Caucasian	M 177.00

## 2252	62	27.65465	0	Caucasian	M 170.10
## 2253	62	18.64151	0	Other/Unknown	M 180.30
## 2254	77	22.30107	0	African American	M 177.80
## 2255	83	29.95083	0	African American	F 165.10
## 2256	73	32.18750	0	Caucasian	F 160.00
## 2258	64	24.14675	1	Caucasian	M 185.40
## 2259	47	25.94879	0	Caucasian	F 162.00
## 2260	49	43.23223	0	Other/Unknown	M 188.00
## 2261	80	23.33655	0	Caucasian	M 182.00
## 2262	85	24.31491	0	Caucasian	M 167.60
## 2263	55	22.69531	0	Native American	F 160.00
## 2266	51	24.15882	0	Caucasian	M 169.00
## 2267	27	35.39356	0	African American	M 182.90
## 2269	40	23.53707	0	Hispanic	M 172.70
## 2270	65	37.13457	0	African American	F 157.40
## 2272	85	19.59784	0	Caucasian	M 193.00
## 2273	67	34.96220	0	Caucasian	F 165.10
## 2274	73	30.12109	1	Caucasian	F 160.00
## 2275	76	30.19606	0	African American	F 167.60
## 2276	58	37.22142	0	Caucasian	M 173.00
## 2277	80	30.04654	0	African American	F 167.60
## 2278	46	30.33577	0	Other/Unknown	M 177.80
## 2281	35	23.41224	0	Caucasian	M 175.00
## 2282	65	18.36547	0	African American	F 165.00
## 2285	79	21.81715	1	Caucasian	F 170.20
## 2286	70	23.67842	0	Caucasian	M 187.90
## 2287	58	34.06493	1	Caucasian	F 162.00
## 2288	59	27.65465	0	African American	F 170.10
## 2289	50	27.65465	1	Caucasian	F 157.50
## 2290	50	38.26398	1	Caucasian	F 165.10
## 2294	70	22.95909	0	Caucasian	F 163.00
## 2296	55	67.81499	0	African American	F 168.00
## 2297	83	22.16236	0	Caucasian	M 170.20
## 2299	84	24.54729	0	Caucasian	F 162.60
## 2300	61	22.34206	0	Caucasian	F 165.10
## 2301	76	20.24667	0	Caucasian	M 182.90
## 2302	79	28.90165	0	Caucasian	M 172.70
## 2303	56	21.97957	0	Caucasian	M 172.10
## 2304	66	39.23116	0	Caucasian	M 178.00
## 2305	19	27.65465	1	Caucasian	F 170.10
## 2307	75	33.28985	0	Caucasian	M 175.30
## 2308	25	27.18090	0	Caucasian	F 165.00
## 2309	72	22.05605	0	Caucasian	M 180.30
## 2310	89	21.41224	0	Caucasian	M 175.30
## 2312	70	22.55094	0	Caucasian	M 193.00
## 2314	74	26.30603	1	Caucasian	M 182.90
## 2315	40	28.48091	0	Caucasian	F 162.60
## 2316	65	26.52557	0	Caucasian	F 157.50
## 2317	59	40.12605	0	Caucasian	M 180.34
## 2318	56	36.92588	1	Caucasian	F 154.90
## 2320	44	39.60938	0	Caucasian	F 160.00
## 2322	66	22.68483	0	Caucasian	F 154.90
## 2323	38	28.38010	1	Caucasian	F 168.00
## 2324	62	36.95717	1	African American	F 164.00

## 2327	86	25.97402	0	Hispanic	F 165.10
## 2328	43	24.38882	0	Caucasian	M 177.80
## 2329	69	33.95869	1	Caucasian	M 182.90
## 2330	87	22.46051	0	Caucasian	M 187.90
## 2331	48	17.63265	0	Caucasian	M 175.00
## 2333	78	27.83679	0	African American	M 177.80
## 2335	63	21.00346	0	Caucasian	M 170.00
## 2336	27	26.07921	0	Hispanic	F 149.90
## 2339	29	24.25926	0	Caucasian	M 180.00
## 2340	71	25.09354	0	Caucasian	F 165.10
## 2341	58	37.25877	0	Caucasian	F 165.10
## 2342	65	26.71304	0	Caucasian	M 167.00
## 2343	58	27.67863	0	Caucasian	M 177.80
## 2344	82	22.23780	0	Caucasian	M 177.80
## 2347	50	27.42857	0	Other/Unknown	M 175.00
## 2348	85	25.13589	1	Caucasian	M 185.40
## 2349	62	27.91840	0	Caucasian	M 165.10
## 2350	48	67.81499	0	African American	F 167.60
## 2352	62	23.78433	0	Caucasian	F 157.50
## 2354	65	26.37024	0	Caucasian	F 157.00
## 2355	76	31.54812	1	Other/Unknown	M 182.00
## 2356	72	15.26191	0	Caucasian	M 175.30
## 2357	67	28.54933	1	Caucasian	M 182.80
## 2358	54	25.27878	0	Caucasian	F 167.00
## 2359	54	42.16491	1	Caucasian	F 170.10
## 2360	48	34.17611	0	Caucasian	M 180.30
## 2361	57	33.04709	0	Caucasian	M 190.00
## 2363	29	24.85213	0	Caucasian	M 187.96
## 2364	62	22.49321	0	Caucasian	M 188.00
## 2365	74	32.51910	0	Caucasian	F 163.00
## 2368	80	19.45312	0	Caucasian	M 160.00
## 2369	79	32.29700	0	Caucasian	M 177.80
## 2370	62	27.37780	0	Caucasian	M 180.30
## 2371	75	21.54704	0	Caucasian	F 154.90
## 2372	50	36.61309	0	Caucasian	M 165.10
## 2373	79	42.43376	0	Caucasian	F 173.00
## 2374	34	31.01195	0	Caucasian	M 175.30
## 2375	64	27.51893	0	Caucasian	F 167.60
## 2376	57	26.44495	0	African American	M 177.80
## 2377	80	29.29688	0	Caucasian	F 160.00
## 2378	65	33.14375	1	Caucasian	F 167.60
## 2379	55	26.11658	1	Caucasian	M 180.30
## 2381	29	30.17573	0	Caucasian	F 172.70
## 2382	47	27.80834	0	Caucasian	F 165.10
## 2383	44	30.68734	0	Caucasian	F 167.60
## 2384	57	25.24082	0	Caucasian	M 175.00
## 2385	82	27.98498	0	Caucasian	M 175.20
## 2386	65	20.17170	0	Other/Unknown	F 154.90
## 2387	47	26.69822	0	Caucasian	F 162.50
## 2388	65	24.38882	0	Other/Unknown	M 177.80
## 2390	22	27.96185	0	African American	M 170.20
## 2391	30	32.45444	0	Caucasian	F 162.50
## 2393	61	29.15958	0	Caucasian	M 168.00
## 2394	80	26.70012	0	Caucasian	F 167.60

##	2395	64	30.96843	1	Caucasian	M	177.80
##	2397	88	19.78951	0	Caucasian	M	176.00
##	2398	66	30.56986	1	Caucasian	M	177.80
##	2399	43	29.83343	0	Caucasian	M	182.90
##	2400	69	20.24494	0	African American	M	177.80
##	2401	54	45.97080	0	Caucasian	F	172.00
##	2402	73	30.41043	0	Other/Unknown	M	172.70
##	2404	61	27.65465	1	Caucasian	M	167.60
##	2407	75	34.73973	0	Caucasian	F	163.00
##	2412	37	42.43043	0	Caucasian	F	172.70
##	2413	57	31.00326	0	Caucasian	M	182.80
##	2414	44	24.33170	0	Caucasian	M	172.70
##	2415	62	26.00709	0	Hispanic	M	182.90
##	2416	37	34.07846	0	Caucasian	F	157.00
##	2417	65	25.85193	1	Caucasian	M	170.10
##	2419	73	19.27894	1	Caucasian	M	172.70
##	2421	83	18.13964	0	Caucasian	M	162.50
##	2422	71	20.32738	0	Caucasian	M	182.90
##	2423	63	30.90567	0	Caucasian	M	183.00
##	2424	64	28.34547	0	Caucasian	F	155.00
##	2425	54	24.38886	0	Caucasian	M	188.00
##	2427	30	36.78135	0	Caucasian	M	188.00
##	2428	53	22.79036	0	Caucasian	M	185.00
##	2429	77	34.84407	0	Caucasian	F	137.20
##	2431	78	23.43628	0	Caucasian	M	182.90
##	2432	56	21.55875	0	African American	F	175.26
##	2433	58	28.23093	0	Caucasian	F	167.60
##	2434	59	42.90657	0	Caucasian	M	170.00
##	2437	66	18.30655	0	Caucasian	F	165.10
##	2438	76	45.81828	1	Caucasian	M	175.30
##	2440	71	31.12296	0	African American	M	182.80
##			icu_admit_source	icu_stay_type	icu_type	pre_icu_los_days	
##	1		Accident & Emergency	admit	MICU	0.165972222	
##	2		Operating Room / Recovery	admit	Med-Surg ICU	0.215277778	
##	3		Accident & Emergency	admit	CCU-CTICU	0.000694444	
##	4		Accident & Emergency	admit	Med-Surg ICU	0.223611111	
##	6		Accident & Emergency	admit	CCU-CTICU	0.004166667	
##	7		Floor	admit	SICU	0.276388889	
##	8		Operating Room / Recovery	admit	SICU	0.351388889	
##	9		Operating Room / Recovery	admit	Med-Surg ICU	1.131944444	
##	10		Accident & Emergency	admit	CCU-CTICU	0.000694444	
##	11		Accident & Emergency	admit	CCU-CTICU	0.201388889	
##	12		Accident & Emergency	admit	Med-Surg ICU	0.087500000	
##	13		Operating Room / Recovery	admit	Neuro ICU	0.015972222	
##	15		Accident & Emergency	admit	MICU	0.006944444	
##	17		Accident & Emergency	transfer	CCU-CTICU	0.047916667	
##	18		Operating Room / Recovery	admit	CTICU	0.919444444	
##	19		Accident & Emergency	admit	Med-Surg ICU	0.001388889	
##	20		Accident & Emergency	admit	Med-Surg ICU	0.029166667	
##	21		Floor	readmit	MICU	0.623611111	
##	22		Floor	admit	Med-Surg ICU	3.715277778	
##	23		Accident & Emergency	admit	Med-Surg ICU	0.000000000	
##	24		Floor	admit	MICU	0.261805556	
##	25		Accident & Emergency	admit	MICU	0.013888889	

## 27	Accident & Emergency	admit Med-Surg ICU	0.192361111
## 30	Operating Room / Recovery	admit Med-Surg ICU	0.016666667
## 31	Accident & Emergency	admit Neuro ICU	0.306250000
## 32	Operating Room / Recovery	admit Med-Surg ICU	0.522222222
## 33	Accident & Emergency	admit Med-Surg ICU	0.006250000
## 34	Floor	admit Med-Surg ICU	3.298611111
## 35	Accident & Emergency	admit Neuro ICU	0.000694444
## 36	Accident & Emergency	admit CSICU	0.096527778
## 37	Floor	admit MICU	2.185416667
## 38	Accident & Emergency	admit CSICU	0.063194444
## 41	Accident & Emergency	admit Med-Surg ICU	0.000000000
## 42	Floor	admit Med-Surg ICU	0.470138889
## 43	Floor	admit Med-Surg ICU	-0.040972222
## 44	Accident & Emergency	admit Med-Surg ICU	0.192361111
## 45	Accident & Emergency	admit Med-Surg ICU	0.004166667
## 46	Accident & Emergency	admit Med-Surg ICU	0.029861111
## 47	Accident & Emergency	admit Cardiac ICU	0.313194444
## 48	Accident & Emergency	admit Med-Surg ICU	0.229166667
## 49	Accident & Emergency	admit Med-Surg ICU	0.310416667
## 50	Floor	admit Med-Surg ICU	0.021527778
## 51	Operating Room / Recovery	admit SICU	0.328472222
## 52	Operating Room / Recovery	admit SICU	0.114583333
## 53	Floor	admit Med-Surg ICU	0.000000000
## 54	Accident & Emergency	admit Neuro ICU	0.120138889
## 55	Accident & Emergency	admit SICU	0.125694444
## 56	Accident & Emergency	admit CCU-CTICU	0.112500000
## 57	Accident & Emergency	admit MICU	0.075000000
## 58	Accident & Emergency	admit MICU	0.025694444
## 59	Operating Room / Recovery	admit Neuro ICU	0.287500000
## 62	Accident & Emergency	admit Cardiac ICU	0.405555556
## 63	Accident & Emergency	admit Cardiac ICU	0.031250000
## 64	Accident & Emergency	admit Med-Surg ICU	0.068055556
## 65	Accident & Emergency	admit Med-Surg ICU	0.112500000
## 66	Accident & Emergency	admit CCU-CTICU	0.053472222
## 67	Accident & Emergency	admit Med-Surg ICU	0.147222222
## 68	Accident & Emergency	admit Neuro ICU	0.145833333
## 69	Accident & Emergency	admit MICU	0.017361111
## 70	Accident & Emergency	admit Med-Surg ICU	0.407638889
## 71	Accident & Emergency	admit Med-Surg ICU	0.050000000
## 73	Accident & Emergency	admit Med-Surg ICU	0.011805556
## 74	Accident & Emergency	admit Neuro ICU	0.000694444
## 75	Operating Room / Recovery	admit CSICU	0.379861111
## 76	Operating Room / Recovery	admit Neuro ICU	0.493055556
## 77	Accident & Emergency	admit Med-Surg ICU	0.010416667
## 78	Accident & Emergency	admit Med-Surg ICU	0.009027778
## 79	Accident & Emergency	admit Med-Surg ICU	0.044444444
## 80	Floor	admit CCU-CTICU	2.852777778
## 82	Floor	admit CSICU	4.187500000
## 83	Accident & Emergency	admit Med-Surg ICU	0.144444444
## 84	Other Hospital	admit MICU	0.009027778
## 85	Floor	admit Med-Surg ICU	0.300694444
## 87	Accident & Emergency	admit Neuro ICU	0.004861111
## 88	Operating Room / Recovery	admit Med-Surg ICU	0.028472222
## 89	Operating Room / Recovery	admit CSICU	0.290972222

## 91	Floor	admit	CSICU	3.576388889
## 93	Operating Room / Recovery	admit	Med-Surg ICU	0.327083333
## 94	Accident & Emergency	admit	Med-Surg ICU	0.059027778
## 95	Operating Room / Recovery	admit	SICU	2.211805556
## 96	Accident & Emergency	admit	Neuro ICU	-0.146527778
## 97	Accident & Emergency	admit	CCU-CTICU	0.094444444
## 98	Floor	admit	SICU	0.809722222
## 99	Operating Room / Recovery	admit	Med-Surg ICU	4.117361111
## 100	Accident & Emergency	admit	Med-Surg ICU	0.068750000
## 101	Accident & Emergency	admit	Med-Surg ICU	0.084027778
## 102	Operating Room / Recovery	admit	CSICU	1.809027778
## 103	Floor	admit	MICU	1.768750000
## 104	Accident & Emergency	admit	Neuro ICU	0.122222222
## 105	Accident & Emergency	admit	Neuro ICU	0.157638889
## 106	Operating Room / Recovery	admit	Med-Surg ICU	1.235416667
## 107	Operating Room / Recovery	admit	Med-Surg ICU	0.127083333
## 108	Accident & Emergency	admit	CCU-CTICU	0.028472222
## 109	Operating Room / Recovery	admit	Med-Surg ICU	3.407638889
## 110	Floor	admit	Med-Surg ICU	2.201388889
## 111	Accident & Emergency	admit	CCU-CTICU	0.079861111
## 112	Floor	admit	Med-Surg ICU	0.415972222
## 114	Accident & Emergency	admit	Med-Surg ICU	1.063194444
## 115	Floor	admit	SICU	4.255555556
## 118	Operating Room / Recovery	admit	CTICU	0.402083333
## 119	Floor	transfer	Med-Surg ICU	2.887500000
## 120	Accident & Emergency	admit	CCU-CTICU	0.080555556
## 121	Accident & Emergency	admit	Med-Surg ICU	0.003472222
## 125	Accident & Emergency	admit	Med-Surg ICU	0.060416667
## 126	Accident & Emergency	admit	Med-Surg ICU	0.068055556
## 127	Operating Room / Recovery	admit	Med-Surg ICU	0.549305556
## 128	Accident & Emergency	admit	CCU-CTICU	0.000000000
## 129	Accident & Emergency	admit	Cardiac ICU	0.166666667
## 130	Accident & Emergency	admit	Med-Surg ICU	0.404166667
## 132	Accident & Emergency	admit	Med-Surg ICU	0.015277778
## 133	Accident & Emergency	admit	Med-Surg ICU	0.061111111
## 134	Operating Room / Recovery	admit	Med-Surg ICU	0.346527778
## 136	Accident & Emergency	transfer	Med-Surg ICU	0.123611111
## 138	Operating Room / Recovery	admit	CTICU	0.351388889
## 139	Operating Room / Recovery	admit	Med-Surg ICU	0.056944444
## 141	Accident & Emergency	admit	Med-Surg ICU	0.183333333
## 143	Floor	admit	MICU	0.678472222
## 144	Accident & Emergency	admit	Med-Surg ICU	0.013888889
## 145	Operating Room / Recovery	admit	CTICU	0.800000000
## 146	Accident & Emergency	admit	MICU	0.000694444
## 147	Accident & Emergency	admit	Cardiac ICU	0.234722222
## 148	Floor	admit	Med-Surg ICU	0.844444444
## 150	Accident & Emergency	admit	Med-Surg ICU	0.040277778
## 151	Accident & Emergency	admit	Med-Surg ICU	0.020138889
## 152	Floor	admit	Med-Surg ICU	0.477777778
## 153	Floor	admit	Med-Surg ICU	3.804861111
## 155	Accident & Emergency	admit	Med-Surg ICU	0.009722222
## 157	Accident & Emergency	admit	Med-Surg ICU	0.174305556
## 159	Accident & Emergency	transfer	Med-Surg ICU	0.184027778
## 160	Accident & Emergency	admit	Med-Surg ICU	0.167361111

## 161	Other Hospital	admit	SICU	-0.002083333
## 162	Accident & Emergency	admit	Med-Surg ICU	0.267361111
## 163	Floor	admit	MICU	3.956944444
## 164	Operating Room / Recovery	admit	SICU	0.263194444
## 165	Accident & Emergency	admit	Med-Surg ICU	0.068750000
## 166	Operating Room / Recovery	admit	Med-Surg ICU	0.013194444
## 167	Floor	admit	MICU	0.603472222
## 168	Accident & Emergency	admit	Med-Surg ICU	0.131944444
## 170	Accident & Emergency	admit	Med-Surg ICU	0.125000000
## 171	Accident & Emergency	admit	Neuro ICU	0.099305556
## 172	Accident & Emergency	admit	MICU	0.000000000
## 173	Accident & Emergency	admit	Med-Surg ICU	0.942361111
## 174	Operating Room / Recovery	admit	Med-Surg ICU	3.309027778
## 175	Operating Room / Recovery	admit	Med-Surg ICU	0.426388889
## 176	Accident & Emergency	admit	Med-Surg ICU	0.002083333
## 177	Floor	admit	Med-Surg ICU	0.327777778
## 178	Accident & Emergency	admit	Med-Surg ICU	0.368750000
## 179	Floor	admit	MICU	1.768750000
## 180	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 181	Accident & Emergency	admit	Neuro ICU	0.261805556
## 182	Floor	admit	Med-Surg ICU	0.187500000
## 183	Accident & Emergency	admit	Med-Surg ICU	0.038194444
## 184	Accident & Emergency	admit	Med-Surg ICU	0.050000000
## 186	Accident & Emergency	admit	Med-Surg ICU	0.262500000
## 188	Floor	readmit	CTICU	9.856250000
## 189	Accident & Emergency	admit	Med-Surg ICU	0.042361111
## 190	Accident & Emergency	admit	CTICU	0.078472222
## 191	Accident & Emergency	admit	Med-Surg ICU	0.017361111
## 193	Operating Room / Recovery	admit	CSICU	0.131250000
## 198	Operating Room / Recovery	admit	CCU-CTICU	0.383333333
## 200	Operating Room / Recovery	admit	CTICU	11.400000000
## 201	Accident & Emergency	admit	MICU	0.145833333
## 202	Floor	admit	Med-Surg ICU	0.025000000
## 203	Accident & Emergency	admit	Med-Surg ICU	0.091666667
## 204	Floor	admit	Med-Surg ICU	3.925694444
## 205	Accident & Emergency	admit	CCU-CTICU	0.013888889
## 206	Accident & Emergency	admit	Med-Surg ICU	0.083333333
## 207	Accident & Emergency	admit	CCU-CTICU	0.000000000
## 208	Floor	admit	MICU	0.395138889
## 209	Accident & Emergency	transfer	MICU	0.104166667
## 211	Operating Room / Recovery	admit	Med-Surg ICU	0.150694444
## 212	Accident & Emergency	admit	Neuro ICU	0.015277778
## 213	Accident & Emergency	admit	MICU	0.070833333
## 214	Floor	admit	Med-Surg ICU	2.191666667
## 215	Floor	admit	Med-Surg ICU	4.042361111
## 217	Operating Room / Recovery	admit	Med-Surg ICU	2.624305556
## 218	Accident & Emergency	admit	MICU	0.501388889
## 219	Accident & Emergency	admit	CSICU	0.146527778
## 221	Accident & Emergency	admit	Med-Surg ICU	0.050694444
## 222	Accident & Emergency	admit	Med-Surg ICU	0.179861111
## 223	Accident & Emergency	admit	Med-Surg ICU	0.136111111
## 224	Accident & Emergency	admit	Cardiac ICU	0.232638889
## 225	Accident & Emergency	admit	Med-Surg ICU	0.006250000
## 226	Accident & Emergency	admit	CSICU	0.109722222

## 228	Accident & Emergency	admit	CCU-CTICU	0.206944444
## 229	Accident & Emergency	admit	Med-Surg ICU	0.211111111
## 230	Accident & Emergency	admit	Med-Surg ICU	0.413194444
## 231	Operating Room / Recovery	admit	Med-Surg ICU	0.131250000
## 232	Accident & Emergency	admit	Med-Surg ICU	0.002777778
## 233	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 235	Floor	admit	Med-Surg ICU	3.129861111
## 236	Accident & Emergency	admit	Neuro ICU	0.184027778
## 237	Accident & Emergency	admit	CCU-CTICU	0.284722222
## 238	Floor	transfer	Med-Surg ICU	0.000000000
## 239	Accident & Emergency	admit	SICU	0.322916667
## 241	Operating Room / Recovery	admit	CSICU	0.116666667
## 242	Accident & Emergency	admit	MICU	0.002083333
## 243	Accident & Emergency	admit	Cardiac ICU	0.006250000
## 244	Accident & Emergency	admit	Med-Surg ICU	0.156250000
## 246	Floor	admit	Med-Surg ICU	11.409722220
## 247	Accident & Emergency	admit	SICU	0.522916667
## 248	Accident & Emergency	admit	Neuro ICU	0.086805556
## 250	Accident & Emergency	admit	CTICU	0.078472222
## 251	Operating Room / Recovery	admit	Med-Surg ICU	0.414583333
## 252	Accident & Emergency	admit	Med-Surg ICU	0.053472222
## 253	Accident & Emergency	admit	Med-Surg ICU	0.350694444
## 254	Operating Room / Recovery	admit	Med-Surg ICU	0.570138889
## 255	Accident & Emergency	admit	Med-Surg ICU	0.130555556
## 256	Accident & Emergency	admit	Med-Surg ICU	0.115972222
## 257	Operating Room / Recovery	admit	CTICU	0.396527778
## 258	Floor	readmit	Med-Surg ICU	0.785416667
## 259	Other ICU	admit	MICU	0.000000000
## 260	Accident & Emergency	admit	Med-Surg ICU	0.202083333
## 262	Operating Room / Recovery	admit	Med-Surg ICU	1.870138889
## 263	Floor	admit	Med-Surg ICU	1.799305556
## 264	Other Hospital	admit	CTICU	0.000000000
## 265	Accident & Emergency	admit	CCU-CTICU	0.137500000
## 266	Accident & Emergency	admit	Med-Surg ICU	0.964583333
## 267	Accident & Emergency	admit	Med-Surg ICU	0.010416667
## 268	Accident & Emergency	admit	Med-Surg ICU	0.025694444
## 269	Floor	admit	Neuro ICU	1.091666667
## 270	Accident & Emergency	admit	Med-Surg ICU	0.179166667
## 271	Accident & Emergency	transfer	CSICU	0.179166667
## 272	Accident & Emergency	admit	Med-Surg ICU	0.004166667
## 273	Accident & Emergency	admit	Cardiac ICU	0.070833333
## 274	Floor	admit	MICU	0.072916667
## 275	Accident & Emergency	admit	Med-Surg ICU	0.295833333
## 276	Accident & Emergency	admit	SICU	0.015277778
## 278	Operating Room / Recovery	admit	Neuro ICU	0.397916667
## 279	Operating Room / Recovery	admit	CTICU	0.013194444
## 280	Accident & Emergency	admit	Med-Surg ICU	0.092361111
## 281	Operating Room / Recovery	admit	CSICU	3.787500000
## 282	Accident & Emergency	admit	Med-Surg ICU	0.004861111
## 284	Accident & Emergency	admit	Med-Surg ICU	0.052777778
## 285	Operating Room / Recovery	admit	CTICU	1.665277778
## 286	Floor	admit	SICU	9.754166667
## 287	Accident & Emergency	admit	Med-Surg ICU	0.347222222
## 288	Floor	admit	Med-Surg ICU	6.109027778



## 289	Operating Room / Recovery	admit	SICU	0.493750000
## 291	Accident & Emergency	admit	Med-Surg ICU	0.188194444
## 292	Operating Room / Recovery	admit	CTICU	5.047916667
## 294	Other Hospital	admit	CCU-CTICU	0.005555556
## 295	Floor	admit	Med-Surg ICU	0.151388889
## 296	Operating Room / Recovery	admit	Med-Surg ICU	1.006944444
## 297	Accident & Emergency	admit	CCU-CTICU	0.002083333
## 298	Accident & Emergency	admit	Neuro ICU	0.071527778
## 299	Operating Room / Recovery	admit	CSICU	4.162500000
## 300	Operating Room / Recovery	admit	CCU-CTICU	0.325694444
## 301	Floor	admit	MICU	0.316666667
## 303	Operating Room / Recovery	admit	Med-Surg ICU	1.161805556
## 304	Other Hospital	admit	CCU-CTICU	0.005555556
## 306	Accident & Emergency	admit	Med-Surg ICU	0.004166667
## 307	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 309	Accident & Emergency	admit	Med-Surg ICU	0.847916667
## 310	Accident & Emergency	admit	Med-Surg ICU	0.005555556
## 312	Accident & Emergency	admit	Med-Surg ICU	0.183333333
## 313	Operating Room / Recovery	transfer	SICU	3.638888889
## 314	Accident & Emergency	admit	Neuro ICU	0.020833333
## 315	Accident & Emergency	admit	CCU-CTICU	0.150694444
## 316	Operating Room / Recovery	admit	CCU-CTICU	0.633333333
## 317	Operating Room / Recovery	admit	CCU-CTICU	0.118750000
## 318	Accident & Emergency	admit	Med-Surg ICU	0.081250000
## 319	Accident & Emergency	admit	MICU	0.138194444
## 321	Accident & Emergency	admit	MICU	0.133333333
## 323	Floor	admit	Med-Surg ICU	-0.006250000
## 324	Operating Room / Recovery	admit	Med-Surg ICU	0.686805556
## 325	Accident & Emergency	admit	SICU	0.293750000
## 326	Accident & Emergency	admit	Med-Surg ICU	0.159722222
## 327	Operating Room / Recovery	admit	Neuro ICU	3.484027778
## 328	Accident & Emergency	admit	CCU-CTICU	0.162500000
## 329	Accident & Emergency	admit	Med-Surg ICU	0.040277778
## 331	Accident & Emergency	admit	Cardiac ICU	0.964583333
## 334	Accident & Emergency	admit	Med-Surg ICU	0.007638889
## 335	Operating Room / Recovery	admit	Cardiac ICU	0.357638889
## 336	Operating Room / Recovery	admit	CTICU	2.159722222
## 337	Other Hospital	admit	Cardiac ICU	0.015277778
## 338	Floor	admit	Med-Surg ICU	6.590277778
## 340	Accident & Emergency	admit	Med-Surg ICU	0.119444444
## 342	Operating Room / Recovery	admit	Neuro ICU	2.867361111
## 343	Operating Room / Recovery	admit	Med-Surg ICU	6.702083333
## 345	Accident & Emergency	admit	Med-Surg ICU	0.004861111
## 346	Accident & Emergency	admit	Med-Surg ICU	0.076388889
## 347	Operating Room / Recovery	admit	CCU-CTICU	1.681250000
## 348	Accident & Emergency	admit	Med-Surg ICU	0.003472222
## 350	Floor	admit	Med-Surg ICU	2.222916667
## 351	Accident & Emergency	admit	Med-Surg ICU	0.342361111
## 352	Accident & Emergency	admit	Med-Surg ICU	0.029166667
## 353	Accident & Emergency	transfer	Med-Surg ICU	0.121527778
## 354	Accident & Emergency	admit	Med-Surg ICU	0.193055556
## 357	Floor	admit	Med-Surg ICU	0.265277778
## 358	Other Hospital	admit	CCU-CTICU	0.003472222
## 359	Accident & Emergency	admit	MICU	0.001388889

## 360	Operating Room / Recovery	admit	CSICU	6.598611111
## 361	Operating Room / Recovery	admit	CCU-CTICU	8.842361111
## 362	Floor	admit	Med-Surg ICU	3.784027778
## 363	Operating Room / Recovery	admit	Med-Surg ICU	0.191666667
## 364	Accident & Emergency	admit	Med-Surg ICU	0.184027778
## 367	Accident & Emergency	admit	Med-Surg ICU	0.177777778
## 368	Operating Room / Recovery	admit	Med-Surg ICU	0.259722222
## 370	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 372	Operating Room / Recovery	admit	Med-Surg ICU	0.006944444
## 374	Accident & Emergency	admit	CSICU	0.001388889
## 375	Floor	admit	Med-Surg ICU	0.606250000
## 376	Accident & Emergency	admit	Med-Surg ICU	2.923611111
## 377	Accident & Emergency	admit	Med-Surg ICU	0.234722222
## 378	Accident & Emergency	admit	Med-Surg ICU	0.299305556
## 379	Accident & Emergency	admit	Med-Surg ICU	0.189583333
## 380	Operating Room / Recovery	admit	SICU	0.340972222
## 381	Operating Room / Recovery	admit	CCU-CTICU	2.572222222
## 382	Floor	admit	Med-Surg ICU	4.154861111
## 383	Other Hospital	admit	Med-Surg ICU	0.002083333
## 384	Accident & Emergency	admit	MICU	0.022222222
## 385	Accident & Emergency	admit	CCU-CTICU	0.022222222
## 386	Operating Room / Recovery	admit	Neuro ICU	0.584027778
## 387	Operating Room / Recovery	admit	Med-Surg ICU	3.919444444
## 388	Accident & Emergency	admit	Med-Surg ICU	0.077777778
## 391	Accident & Emergency	admit	Med-Surg ICU	0.090972222
## 392	Accident & Emergency	admit	SICU	0.090972222
## 393	Floor	admit	Med-Surg ICU	4.287500000
## 394	Floor	admit	Med-Surg ICU	1.949305556
## 395	Accident & Emergency	admit	Med-Surg ICU	0.135416667
## 397	Accident & Emergency	admit	Med-Surg ICU	0.115972222
## 398	Accident & Emergency	admit	MICU	0.264583333
## 399	Operating Room / Recovery	admit	CTICU	0.277777778
## 400	Accident & Emergency	admit	Med-Surg ICU	0.159027778
## 401	Operating Room / Recovery	transfer	Med-Surg ICU	5.789583333
## 402	Accident & Emergency	admit	MICU	-0.050000000
## 403	Floor	admit	Med-Surg ICU	0.213194444
## 404	Accident & Emergency	admit	Med-Surg ICU	0.038194444
## 405	Accident & Emergency	admit	Med-Surg ICU	0.007638889
## 406	Operating Room / Recovery	admit	Med-Surg ICU	0.014583333
## 407	Accident & Emergency	admit	CSICU	0.069444444
## 408	Floor	admit	Med-Surg ICU	0.502777778
## 409	Accident & Emergency	admit	Med-Surg ICU	0.350000000
## 410	Operating Room / Recovery	admit	CCU-CTICU	0.232638889
## 411	Accident & Emergency	admit	Med-Surg ICU	0.443750000
## 414	Operating Room / Recovery	admit	SICU	0.269444444
## 416	Operating Room / Recovery	admit	SICU	0.318750000
## 417	Operating Room / Recovery	admit	SICU	3.503472222
## 418	Operating Room / Recovery	admit	Med-Surg ICU	0.296527778
## 419	Operating Room / Recovery	admit	Neuro ICU	0.663888889
## 420	Floor	transfer	Med-Surg ICU	4.017361111
## 421	Accident & Emergency	admit	Med-Surg ICU	0.003472222
## 423	Floor	admit	Med-Surg ICU	2.257638889
## 424	Accident & Emergency	admit	Med-Surg ICU	0.029166667
## 426	Operating Room / Recovery	admit	Med-Surg ICU	2.704861111

## 427	Operating Room / Recovery	readmit	CSICU	6.655555556
## 428	Accident & Emergency	admit	Med-Surg ICU	0.138888889
## 429	Other Hospital	admit	SICU	0.006250000
## 430	Operating Room / Recovery	admit	Med-Surg ICU	0.414583333
## 431	Operating Room / Recovery	admit	CTICU	4.763888889
## 432	Operating Room / Recovery	admit	Med-Surg ICU	0.475000000
## 433	Accident & Emergency	admit	SICU	0.083333333
## 435	Accident & Emergency	admit	Med-Surg ICU	0.001388889
## 436	Accident & Emergency	admit	CSICU	0.067361111
## 437	Floor	admit	Med-Surg ICU	0.156250000
## 439	Accident & Emergency	admit	MICU	0.761805556
## 440	Accident & Emergency	admit	CCU-CTICU	0.064583333
## 443	Floor	admit	Med-Surg ICU	1.614583333
## 444	Operating Room / Recovery	admit	CTICU	0.218750000
## 446	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 448	Floor	transfer	Med-Surg ICU	0.742361111
## 449	Floor	admit	Med-Surg ICU	1.514583333
## 450	Floor	admit	Cardiac ICU	0.509027778
## 451	Other ICU	transfer	Med-Surg ICU	0.003472222
## 452	Floor	admit	Cardiac ICU	21.430555560
## 455	Operating Room / Recovery	admit	CTICU	0.000000000
## 456	Accident & Emergency	admit	Neuro ICU	0.161805556
## 457	Accident & Emergency	admit	MICU	0.050694444
## 458	Accident & Emergency	admit	Neuro ICU	0.165972222
## 459	Operating Room / Recovery	admit	Neuro ICU	0.002083333
## 460	Accident & Emergency	admit	Cardiac ICU	0.095833333
## 461	Accident & Emergency	admit	MICU	0.181944444
## 463	Operating Room / Recovery	admit	CSICU	1.186805556
## 464	Operating Room / Recovery	admit	Med-Surg ICU	6.467361111
## 465	Accident & Emergency	admit	Med-Surg ICU	0.154166667
## 466	Accident & Emergency	admit	Med-Surg ICU	0.025694444
## 467	Operating Room / Recovery	admit	CTICU	0.552083333
## 468	Accident & Emergency	admit	Med-Surg ICU	2.175694444
## 469	Accident & Emergency	admit	Med-Surg ICU	0.020833333
## 470	Accident & Emergency	admit	Med-Surg ICU	0.007638889
## 471	Accident & Emergency	admit	MICU	0.243055556
## 472	Operating Room / Recovery	admit	CTICU	1.245833333
## 473	Accident & Emergency	admit	Med-Surg ICU	0.061111111
## 475	Accident & Emergency	admit	CCU-CTICU	0.065277778
## 477	Accident & Emergency	admit	MICU	0.052083333
## 478	Accident & Emergency	admit	Cardiac ICU	0.183333333
## 479	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 480	Accident & Emergency	admit	Med-Surg ICU	0.078472222
## 481	Other Hospital	admit	CTICU	0.006250000
## 482	Accident & Emergency	admit	Neuro ICU	0.238194444
## 483	Accident & Emergency	admit	CTICU	0.388194444
## 484	Accident & Emergency	admit	MICU	0.093750000
## 485	Accident & Emergency	transfer	Med-Surg ICU	0.144444444
## 486	Operating Room / Recovery	admit	SICU	3.091666667
## 487	Accident & Emergency	transfer	MICU	0.321527778
## 488	Floor	admit	SICU	2.913888889
## 489	Floor	admit	Med-Surg ICU	1.090277778
## 490	Operating Room / Recovery	admit	CSICU	0.350694444
## 491	Floor	admit	Med-Surg ICU	3.418750000

## 492	Accident & Emergency	admit	Cardiac ICU	0.313194444
## 494	Accident & Emergency	admit	Neuro ICU	0.041666667
## 495	Floor	admit	Med-Surg ICU	2.953472222
## 496	Accident & Emergency	admit	Med-Surg ICU	0.388888889
## 497	Accident & Emergency	admit	Neuro ICU	0.114583333
## 498	Accident & Emergency	admit	Med-Surg ICU	0.059027778
## 499	Accident & Emergency	admit	CCU-CTICU	0.004166667
## 500	Accident & Emergency	admit	Med-Surg ICU	0.119444444
## 501	Accident & Emergency	admit	Neuro ICU	0.004861111
## 504	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 505	Accident & Emergency	admit	Med-Surg ICU	0.057638889
## 507	Operating Room / Recovery	admit	Neuro ICU	0.850000000
## 509	Accident & Emergency	admit	Med-Surg ICU	0.185416667
## 510	Accident & Emergency	admit	Med-Surg ICU	0.001388889
## 511	Accident & Emergency	admit	MICU	0.006250000
## 514	Floor	admit	Med-Surg ICU	0.759722222
## 515	Accident & Emergency	admit	Med-Surg ICU	0.034027778
## 516	Accident & Emergency	admit	CCU-CTICU	0.010416667
## 517	Accident & Emergency	admit	Med-Surg ICU	0.107638889
## 518	Accident & Emergency	admit	Med-Surg ICU	0.034027778
## 519	Accident & Emergency	admit	Med-Surg ICU	0.131944444
## 520	Accident & Emergency	admit	CCU-CTICU	0.050694444
## 522	Accident & Emergency	admit	MICU	0.210416667
## 523	Other Hospital	admit	MICU	-0.000694444
## 525	Accident & Emergency	admit	Med-Surg ICU	0.126388889
## 527	Accident & Emergency	admit	MICU	0.106250000
## 528	Accident & Emergency	admit	Med-Surg ICU	0.098611111
## 529	Accident & Emergency	admit	CCU-CTICU	0.152083333
## 530	Operating Room / Recovery	admit	CCU-CTICU	1.690972222
## 531	Floor	admit	MICU	3.499305556
## 532	Accident & Emergency	admit	Med-Surg ICU	0.041666667
## 533	Operating Room / Recovery	admit	SICU	2.965972222
## 534	Accident & Emergency	admit	MICU	0.060416667
## 535	Floor	transfer	Med-Surg ICU	0.947222222
## 537	Operating Room / Recovery	admit	Cardiac ICU	0.231250000
## 538	Accident & Emergency	admit	Med-Surg ICU	0.127777778
## 539	Operating Room / Recovery	admit	CCU-CTICU	0.336111111
## 540	Accident & Emergency	admit	Med-Surg ICU	0.329861111
## 541	Accident & Emergency	admit	Med-Surg ICU	0.160416667
## 542	Floor	admit	Neuro ICU	6.811805556
## 544	Operating Room / Recovery	admit	CTICU	5.170138889
## 545	Accident & Emergency	admit	Med-Surg ICU	0.095833333
## 546	Accident & Emergency	admit	Med-Surg ICU	0.150694444
## 551	Accident & Emergency	admit	Med-Surg ICU	0.847916667
## 552	Accident & Emergency	admit	CCU-CTICU	0.086111111
## 553	Operating Room / Recovery	admit	Med-Surg ICU	4.036111111
## 554	Floor	admit	Med-Surg ICU	4.668055556
## 557	Accident & Emergency	admit	Med-Surg ICU	0.000694444
## 558	Accident & Emergency	admit	CSICU	0.113194444
## 559	Floor	admit	Neuro ICU	0.238888889
## 561	Accident & Emergency	admit	Med-Surg ICU	0.033333333
## 563	Other Hospital	admit	Med-Surg ICU	0.051388889
## 565	Accident & Emergency	admit	SICU	0.111111111
## 567	Accident & Emergency	admit	Med-Surg ICU	0.509027778

## 568	Accident & Emergency	admit	SICU	0.008333333
## 569	Floor	admit	Med-Surg ICU	0.257638889
## 570	Floor	readmit	Med-Surg ICU	1.655555556
## 571	Floor	admit	Med-Surg ICU	12.926388890
## 573	Floor	admit	CCU-CTICU	0.302083333
## 574	Accident & Emergency	admit	Med-Surg ICU	0.053472222
## 575	Accident & Emergency	admit	Cardiac ICU	0.111111111
## 576	Accident & Emergency	admit	Med-Surg ICU	0.065277778
## 577	Accident & Emergency	admit	Med-Surg ICU	0.557638889
## 578	Accident & Emergency	admit	Cardiac ICU	0.146527778
## 579	Accident & Emergency	admit	Med-Surg ICU	0.106944444
## 582	Accident & Emergency	admit	Med-Surg ICU	0.235416667
## 583	Accident & Emergency	admit	Neuro ICU	0.011805556
## 584	Accident & Emergency	admit	Med-Surg ICU	0.015972222
## 585	Operating Room / Recovery	admit	CCU-CTICU	0.365277778
## 586	Accident & Emergency	admit	Med-Surg ICU	0.164583333
## 587	Accident & Emergency	admit	Med-Surg ICU	0.063888889
## 590	Accident & Emergency	admit	Med-Surg ICU	0.059722222
## 593	Accident & Emergency	admit	CTICU	0.079166667
## 594	Accident & Emergency	admit	Med-Surg ICU	16.288888890
## 595	Operating Room / Recovery	admit	Neuro ICU	0.379861111
## 596	Accident & Emergency	admit	Med-Surg ICU	0.151388889
## 597	Accident & Emergency	admit	Med-Surg ICU	0.220833333
## 598	Accident & Emergency	admit	Med-Surg ICU	0.074305556
## 599	Floor	admit	Med-Surg ICU	0.461111111
## 600	Accident & Emergency	admit	Med-Surg ICU	0.105555556
## 601	Accident & Emergency	admit	MICU	0.049305556
## 602	Accident & Emergency	admit	Med-Surg ICU	0.007638889
## 603	Accident & Emergency	admit	Med-Surg ICU	0.193750000
## 604	Floor	readmit	Med-Surg ICU	2.010416667
## 605	Accident & Emergency	admit	SICU	0.122916667
## 606	Operating Room / Recovery	admit	Med-Surg ICU	0.393055556
## 608	Operating Room / Recovery	admit	Cardiac ICU	0.352777778
## 609	Accident & Emergency	admit	Cardiac ICU	0.365277778
## 610	Accident & Emergency	admit	Med-Surg ICU	0.181944444
## 611	Accident & Emergency	admit	Med-Surg ICU	0.022916667
## 613	Accident & Emergency	admit	Med-Surg ICU	0.188888889
## 614	Floor	admit	Med-Surg ICU	2.038194444
## 616	Floor	admit	Med-Surg ICU	7.582638889
## 617	Floor	admit	Med-Surg ICU	0.296527778
## 618	Accident & Emergency	admit	CSICU	0.270138889
## 619	Operating Room / Recovery	admit	Med-Surg ICU	0.001388889
## 620	Accident & Emergency	admit	Med-Surg ICU	0.154861111
## 622	Accident & Emergency	admit	Med-Surg ICU	0.086111111
## 623	Accident & Emergency	admit	Med-Surg ICU	0.081250000
## 625	Accident & Emergency	admit	CCU-CTICU	0.000000000
## 627	Accident & Emergency	admit	Med-Surg ICU	0.274305556
## 629	Operating Room / Recovery	admit	Med-Surg ICU	0.336111111
## 630	Operating Room / Recovery	admit	Med-Surg ICU	0.018750000
## 632	Operating Room / Recovery	admit	SICU	1.524305556
## 633	Accident & Emergency	admit	CSICU	0.129861111
## 634	Accident & Emergency	admit	Med-Surg ICU	0.181944444
## 637	Accident & Emergency	admit	Med-Surg ICU	0.078472222
## 639	Operating Room / Recovery	admit	CSICU	0.384722222

## 640	Accident & Emergency	admit	Med-Surg ICU	0.061111111
## 641	Floor	admit	Neuro ICU	0.886805556
## 642	Floor	transfer	Med-Surg ICU	3.236111111
## 643	Floor	transfer	Med-Surg ICU	0.175694444
## 645	Accident & Emergency	admit	MICU	0.127777778
## 646	Operating Room / Recovery	admit	Neuro ICU	0.008333333
## 647	Accident & Emergency	admit	CSICU	0.384722222
## 649	Accident & Emergency	admit	MICU	0.176388889
## 651	Operating Room / Recovery	admit	Med-Surg ICU	0.241666667
## 652	Floor	readmit	CTICU	3.059027778
## 654	Operating Room / Recovery	admit	Med-Surg ICU	0.274305556
## 655	Accident & Emergency	admit	Med-Surg ICU	0.034027778
## 656	Accident & Emergency	admit	Med-Surg ICU	0.056250000
## 658	Accident & Emergency	admit	Neuro ICU	0.122916667
## 659	Accident & Emergency	admit	SICU	3.207638889
## 661	Operating Room / Recovery	admit	Med-Surg ICU	1.338888889
## 664	Operating Room / Recovery	admit	Med-Surg ICU	0.397916667
## 665	Operating Room / Recovery	admit	Med-Surg ICU	0.000000000
## 666	Operating Room / Recovery	admit	Neuro ICU	0.395833333
## 667	Accident & Emergency	admit	Med-Surg ICU	0.164583333
## 668	Operating Room / Recovery	admit	Med-Surg ICU	4.966666667
## 669	Operating Room / Recovery	admit	CCU-CTICU	0.271527778
## 670	Operating Room / Recovery	admit	CSICU	0.286111111
## 671	Accident & Emergency	admit	MICU	0.190972222
## 673	Accident & Emergency	admit	Med-Surg ICU	0.024305556
## 674	Accident & Emergency	admit	Med-Surg ICU	0.120833333
## 677	Accident & Emergency	admit	MICU	0.218750000
## 679	Operating Room / Recovery	admit	CSICU	0.081250000
## 681	Accident & Emergency	admit	Med-Surg ICU	-0.039583333
## 682	Floor	transfer	Med-Surg ICU	0.252777778
## 683	Other ICU	transfer	Med-Surg ICU	0.002083333
## 684	Accident & Emergency	admit	CSICU	0.031250000
## 686	Other Hospital	admit	CCU-CTICU	0.014583333
## 688	Operating Room / Recovery	admit	Med-Surg ICU	1.152777778
## 689	Operating Room / Recovery	admit	Med-Surg ICU	1.006250000
## 690	Accident & Emergency	admit	Med-Surg ICU	0.250000000
## 692	Accident & Emergency	readmit	CSICU	0.017361111
## 693	Floor	readmit	SICU	0.972222222
## 694	Other Hospital	admit	CCU-CTICU	0.006250000
## 695	Accident & Emergency	admit	Med-Surg ICU	0.156944444
## 696	Accident & Emergency	admit	Med-Surg ICU	1.819444444
## 697	Accident & Emergency	admit	Med-Surg ICU	0.256250000
## 698	Operating Room / Recovery	admit	CTICU	0.100694444
## 699	Accident & Emergency	admit	CTICU	0.000000000
## 700	Operating Room / Recovery	admit	CTICU	3.843055556
## 701	Floor	admit	Med-Surg ICU	4.695138889
## 702	Floor	admit	Med-Surg ICU	5.177083333
## 703	Operating Room / Recovery	admit	CSICU	0.006250000
## 704	Accident & Emergency	admit	Cardiac ICU	0.205555556
## 705	Accident & Emergency	admit	Med-Surg ICU	0.183333333
## 706	Accident & Emergency	admit	Neuro ICU	0.035416667
## 707	Accident & Emergency	admit	Med-Surg ICU	0.004861111
## 708	Accident & Emergency	admit	Med-Surg ICU	0.061111111
## 709	Accident & Emergency	admit	Neuro ICU	0.200694444

## 710	Floor	admit	CCU-CTICU	-0.060416667
## 711	Accident & Emergency	admit	CCU-CTICU	0.015972222
## 714	Accident & Emergency	admit	Med-Surg ICU	0.038194444
## 715	Floor	admit	Neuro ICU	0.361805556
## 716	Other Hospital	admit	Neuro ICU	0.043055556
## 717	Accident & Emergency	admit	Cardiac ICU	0.005555556
## 718	Accident & Emergency	admit	Med-Surg ICU	0.011111111
## 720	Accident & Emergency	admit	Med-Surg ICU	-0.908333333
## 722	Accident & Emergency	admit	SICU	0.007638889
## 724	Operating Room / Recovery	admit	Med-Surg ICU	0.254861111
## 725	Accident & Emergency	admit	Med-Surg ICU	0.001388889
## 727	Accident & Emergency	transfer	Med-Surg ICU	0.010416667
## 728	Accident & Emergency	admit	CCU-CTICU	0.071527778
## 729	Operating Room / Recovery	admit	Med-Surg ICU	0.291666667
## 732	Accident & Emergency	admit	CSICU	0.133333333
## 733	Operating Room / Recovery	transfer	CSICU	27.054861110
## 734	Accident & Emergency	admit	Med-Surg ICU	0.046527778
## 735	Operating Room / Recovery	admit	Neuro ICU	0.266666667
## 736	Other Hospital	admit	CSICU	0.018750000
## 737	Accident & Emergency	admit	Med-Surg ICU	0.159027778
## 741	Accident & Emergency	admit	MICU	0.144444444
## 742	Accident & Emergency	admit	Med-Surg ICU	0.288194444
## 743	Accident & Emergency	transfer	Med-Surg ICU	0.502083333
## 744	Floor	admit	Cardiac ICU	0.369444444
## 745	Accident & Emergency	admit	CSICU	0.047222222
## 746	Other ICU	transfer	Med-Surg ICU	1.572916667
## 747	Floor	admit	Med-Surg ICU	0.036111111
## 748	Accident & Emergency	admit	Med-Surg ICU	0.001388889
## 749	Accident & Emergency	admit	Med-Surg ICU	0.050000000
## 750	Operating Room / Recovery	admit	CTICU	0.390972222
## 751	Accident & Emergency	admit	Med-Surg ICU	0.009027778
## 752	Operating Room / Recovery	admit	CSICU	0.017361111
## 753	Accident & Emergency	admit	Neuro ICU	0.123611111
## 755	Floor	admit	Med-Surg ICU	0.507638889
## 757	Accident & Emergency	admit	Cardiac ICU	0.191666667
## 759	Other Hospital	admit	Med-Surg ICU	0.009027778
## 760	Accident & Emergency	admit	Med-Surg ICU	0.145833333
## 761	Floor	admit	CSICU	3.966666667
## 762	Accident & Emergency	admit	Med-Surg ICU	0.058333333
## 763	Operating Room / Recovery	admit	Med-Surg ICU	0.284027778
## 764	Accident & Emergency	admit	Med-Surg ICU	0.016666667
## 765	Accident & Emergency	admit	Cardiac ICU	0.090277778
## 766	Accident & Emergency	admit	Med-Surg ICU	0.063194444
## 768	Accident & Emergency	admit	CCU-CTICU	0.156944444
## 769	Floor	admit	Med-Surg ICU	0.055555556
## 770	Operating Room / Recovery	admit	CTICU	0.294444444
## 774	Accident & Emergency	admit	Med-Surg ICU	0.065277778
## 775	Accident & Emergency	admit	CCU-CTICU	0.025694444
## 776	Accident & Emergency	admit	CSICU	0.145138889
## 777	Accident & Emergency	admit	Med-Surg ICU	0.120833333
## 778	Accident & Emergency	admit	Med-Surg ICU	0.116666667
## 779	Accident & Emergency	admit	Cardiac ICU	0.142361111
## 780	Accident & Emergency	transfer	Med-Surg ICU	0.006944444
## 782	Operating Room / Recovery	admit	Neuro ICU	0.177777778

## 783	Operating Room / Recovery	admit	Neuro ICU	0.411805556
## 784	Accident & Emergency	admit	Med-Surg ICU	0.240972222
## 785	Accident & Emergency	admit	Med-Surg ICU	0.034722222
## 786	Operating Room / Recovery	admit	SICU	5.305555556
## 788	Accident & Emergency	admit	Med-Surg ICU	0.130555556
## 789	Accident & Emergency	admit	Med-Surg ICU	0.037500000
## 790	Accident & Emergency	admit	CCU-CTICU	0.000000000
## 791	Accident & Emergency	admit	Med-Surg ICU	0.130555556
## 792	Accident & Emergency	admit	Med-Surg ICU	0.304861111
## 793	Floor	admit	Neuro ICU	0.007638889
## 794	Floor	admit	SICU	0.376388889
## 795	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 796	Floor	admit	Med-Surg ICU	0.300000000
## 797	Accident & Emergency	admit	Med-Surg ICU	0.041666667
## 799	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 801	Accident & Emergency	transfer	Med-Surg ICU	0.504861111
## 803	Floor	admit	Med-Surg ICU	0.540277778
## 804	Accident & Emergency	admit	CCU-CTICU	1.018055556
## 805	Accident & Emergency	admit	Cardiac ICU	0.025000000
## 806	Accident & Emergency	admit	Med-Surg ICU	0.151388889
## 807	Accident & Emergency	admit	SICU	0.100694444
## 808	Accident & Emergency	admit	Med-Surg ICU	0.470138889
## 809	Operating Room / Recovery	admit	Med-Surg ICU	0.487500000
## 810	Operating Room / Recovery	admit	Med-Surg ICU	2.400694444
## 811	Operating Room / Recovery	admit	CSICU	0.002777778
## 812	Accident & Emergency	admit	Med-Surg ICU	0.269444444
## 814	Accident & Emergency	admit	Med-Surg ICU	0.176388889
## 815	Accident & Emergency	admit	Med-Surg ICU	0.029166667
## 816	Other Hospital	admit	MICU	0.038194444
## 817	Operating Room / Recovery	admit	Med-Surg ICU	0.000694444
## 819	Accident & Emergency	admit	Med-Surg ICU	0.422916667
## 820	Floor	admit	SICU	4.570138889
## 821	Floor	admit	Med-Surg ICU	0.140972222
## 822	Accident & Emergency	admit	Neuro ICU	0.000000000
## 823	Accident & Emergency	admit	CCU-CTICU	0.090277778
## 824	Other ICU	transfer	Med-Surg ICU	0.004166667
## 825	Accident & Emergency	admit	SICU	0.331944444
## 826	Accident & Emergency	admit	Med-Surg ICU	0.187500000
## 827	Other Hospital	admit	Med-Surg ICU	0.000000000
## 828	Accident & Emergency	admit	Med-Surg ICU	0.238888889
## 829	Floor	admit	SICU	1.959722222
## 830	Operating Room / Recovery	admit	Med-Surg ICU	0.000000000
## 831	Operating Room / Recovery	admit	CSICU	0.015277778
## 835	Operating Room / Recovery	admit	Med-Surg ICU	0.371527778
## 836	Accident & Emergency	admit	Med-Surg ICU	0.212500000
## 837	Floor	admit	Med-Surg ICU	0.219444444
## 838	Accident & Emergency	admit	CTICU	0.103472222
## 839	Operating Room / Recovery	admit	Cardiac ICU	3.115972222
## 840	Accident & Emergency	admit	Cardiac ICU	0.099305556
## 841	Operating Room / Recovery	admit	CTICU	0.002083333
## 842	Accident & Emergency	admit	MICU	0.053472222
## 843	Accident & Emergency	admit	Med-Surg ICU	0.087500000
## 844	Floor	admit	Med-Surg ICU	0.877083333
## 845	Accident & Emergency	admit	CCU-CTICU	0.035416667



## 847	Accident & Emergency	admit	CCU-CTICU	0.015277778
## 849	Accident & Emergency	admit	CSICU	0.302083333
## 850	Accident & Emergency	admit	Med-Surg ICU	0.056944444
## 851	Floor	transfer	Med-Surg ICU	2.505555556
## 854	Operating Room / Recovery	admit	Med-Surg ICU	0.365972222
## 855	Accident & Emergency	admit	Med-Surg ICU	0.008333333
## 856	Accident & Emergency	admit	Med-Surg ICU	0.100000000
## 857	Accident & Emergency	admit	Med-Surg ICU	0.061805556
## 858	Operating Room / Recovery	admit	CTICU	0.000694444
## 859	Accident & Emergency	admit	Med-Surg ICU	0.094444444
## 861	Operating Room / Recovery	admit	Med-Surg ICU	-1.843750000
## 862	Floor	admit	Med-Surg ICU	0.168055556
## 863	Accident & Emergency	admit	Med-Surg ICU	0.138194444
## 864	Floor	admit	MICU	0.000000000
## 865	Floor	admit	Med-Surg ICU	0.218055556
## 867	Floor	admit	Med-Surg ICU	0.281944444
## 869	Accident & Emergency	admit	Med-Surg ICU	0.085416667
## 870	Other Hospital	admit	CTICU	0.404166667
## 874	Accident & Emergency	admit	Cardiac ICU	0.119444444
## 875	Accident & Emergency	admit	Med-Surg ICU	0.006944444
## 876	Accident & Emergency	admit	MICU	0.043055556
## 877	Operating Room / Recovery	admit	CSICU	0.277777778
## 878	Accident & Emergency	admit	Cardiac ICU	0.147222222
## 879	Accident & Emergency	admit	Cardiac ICU	0.250000000
## 880	Operating Room / Recovery	admit	Med-Surg ICU	0.011805556
## 881	Operating Room / Recovery	admit	Med-Surg ICU	0.343055556
## 882	Other ICU	admit	CCU-CTICU	0.000000000
## 883	Operating Room / Recovery	admit	Med-Surg ICU	0.117361111
## 884	Operating Room / Recovery	admit	Neuro ICU	0.325000000
## 885	Accident & Emergency	transfer	Med-Surg ICU	0.112500000
## 887	Operating Room / Recovery	transfer	SICU	0.200000000
## 888	Accident & Emergency	admit	Med-Surg ICU	0.077083333
## 889	Accident & Emergency	admit	Cardiac ICU	0.243055556
## 890	Accident & Emergency	admit	Med-Surg ICU	0.134722222
## 892	Other ICU	transfer	Neuro ICU	0.854166667
## 893	Operating Room / Recovery	admit	CCU-CTICU	3.037500000
## 894	Floor	admit	Med-Surg ICU	0.086111111
## 895	Floor	admit	Med-Surg ICU	0.270833333
## 896	Accident & Emergency	admit	MICU	0.000000000
## 897	Operating Room / Recovery	admit	MICU	0.127777778
## 898	Accident & Emergency	admit	Med-Surg ICU	0.127083333
## 901	Accident & Emergency	admit	MICU	0.323611111
## 902	Accident & Emergency	admit	MICU	0.064583333
## 904	Accident & Emergency	admit	Med-Surg ICU	0.003472222
## 906	Accident & Emergency	admit	Neuro ICU	0.104166667
## 907	Floor	admit	Med-Surg ICU	3.718055556
## 908	Accident & Emergency	admit	MICU	0.406944444
## 909	Floor	admit	Neuro ICU	0.456250000
## 910	Floor	admit	CTICU	1.209027778
## 911	Operating Room / Recovery	admit	CTICU	0.285416667
## 912	Floor	admit	Med-Surg ICU	0.577777778
## 913	Accident & Emergency	admit	CCU-CTICU	0.059722222
## 914	Floor	admit	Cardiac ICU	0.924305556
## 915	Operating Room / Recovery	admit	Med-Surg ICU	0.235416667

## 916	Operating Room / Recovery	admit Med-Surg ICU	0.926388889
## 917	Accident & Emergency	admit Med-Surg ICU	0.000694444
## 920	Operating Room / Recovery	admit Med-Surg ICU	0.383333333
## 921	Accident & Emergency	admit Med-Surg ICU	0.026388889
## 922	Accident & Emergency	admit Med-Surg ICU	0.010416667
## 923	Accident & Emergency	admit Med-Surg ICU	0.027777778
## 924	Accident & Emergency	admit Med-Surg ICU	0.129861111
## 925	Operating Room / Recovery	admit CTICU	0.392361111
## 926	Operating Room / Recovery	admit Med-Surg ICU	0.184722222
## 927	Accident & Emergency	admit Med-Surg ICU	0.111805556
## 928	Floor	admit Neuro ICU	0.397916667
## 929	Accident & Emergency	admit Med-Surg ICU	0.061805556
## 930	Accident & Emergency	admit Med-Surg ICU	0.231944444
## 931	Accident & Emergency	admit Med-Surg ICU	0.043750000
## 933	Floor	admit MICU	4.208333333
## 934	Accident & Emergency	admit Med-Surg ICU	0.010416667
## 935	Accident & Emergency	transfer Med-Surg ICU	0.085416667
## 936	Accident & Emergency	admit CTICU	0.016666667
## 937	Accident & Emergency	admit Med-Surg ICU	0.840972222
## 938	Accident & Emergency	admit Neuro ICU	0.054861111
## 939	Accident & Emergency	admit Med-Surg ICU	0.027777778
## 940	Accident & Emergency	admit Med-Surg ICU	0.553472222
## 942	Operating Room / Recovery	admit SICU	1.177083333
## 944	Other Hospital	admit MICU	0.000000000
## 945	Accident & Emergency	admit Med-Surg ICU	0.242361111
## 946	Accident & Emergency	admit Neuro ICU	0.145138889
## 947	Operating Room / Recovery	admit CSICU	0.278472222
## 948	Operating Room / Recovery	admit Med-Surg ICU	1.975000000
## 949	Accident & Emergency	admit Med-Surg ICU	0.184722222
## 950	Floor	admit Med-Surg ICU	0.232638889
## 951	Operating Room / Recovery	admit Med-Surg ICU	0.339583333
## 953	Operating Room / Recovery	admit SICU	2.226388889
## 956	Accident & Emergency	admit CTICU	0.109722222
## 958	Accident & Emergency	admit Neuro ICU	0.193750000
## 959	Operating Room / Recovery	admit Med-Surg ICU	0.436805556
## 960	Floor	admit Med-Surg ICU	0.929166667
## 961	Operating Room / Recovery	admit CCU-CTICU	3.185416667
## 962	Accident & Emergency	admit Med-Surg ICU	0.018055556
## 964	Floor	admit CSICU	2.374305556
## 965	Accident & Emergency	admit Med-Surg ICU	0.047916667
## 966	Accident & Emergency	admit Med-Surg ICU	0.393055556
## 967	Operating Room / Recovery	admit Neuro ICU	0.354861111
## 968	Accident & Emergency	admit Med-Surg ICU	0.008333333
## 969	Accident & Emergency	admit Med-Surg ICU	0.093750000
## 970	Accident & Emergency	admit Med-Surg ICU	0.000000000
## 972	Accident & Emergency	admit MICU	0.132638889
## 973	Accident & Emergency	admit Cardiac ICU	0.103472222
## 974	Accident & Emergency	admit Med-Surg ICU	0.015972222
## 975	Operating Room / Recovery	admit Med-Surg ICU	0.011111111
## 976	Accident & Emergency	admit Med-Surg ICU	0.000000000
## 977	Operating Room / Recovery	admit CTICU	5.759722222
## 978	Accident & Emergency	admit Med-Surg ICU	0.043750000
## 980	Accident & Emergency	admit Med-Surg ICU	0.116666667
## 981	Operating Room / Recovery	admit CTICU	0.264583333

## 983	Accident & Emergency	admit Med-Surg ICU	0.029166667
## 984	Accident & Emergency	admit Med-Surg ICU	0.000000000
## 986	Accident & Emergency	admit SICU	0.008333333
## 987	Accident & Emergency	admit CSICU	0.062500000
## 989	Floor	admit Med-Surg ICU	9.248611111
## 990	Accident & Emergency	admit MICU	0.089583333
## 991	Operating Room / Recovery	admit SICU	0.616666667
## 992	Accident & Emergency	admit Med-Surg ICU	0.065972222
## 994	Operating Room / Recovery	admit Neuro ICU	2.845138889
## 995	Accident & Emergency	admit Med-Surg ICU	0.147916667
## 996	Accident & Emergency	admit Med-Surg ICU	0.084722222
## 997	Operating Room / Recovery	admit Med-Surg ICU	0.060416667
## 998	Floor	admit Med-Surg ICU	1.047222222
## 1000	Accident & Emergency	admit Med-Surg ICU	0.072916667
## 1002	Accident & Emergency	admit Med-Surg ICU	0.143750000
## 1003	Accident & Emergency	admit Cardiac ICU	0.045138889
## 1004	Floor	admit CTICU	0.781250000
## 1005	Accident & Emergency	admit CTICU	0.013194444
## 1006	Accident & Emergency	admit Neuro ICU	0.000694444
## 1007	Accident & Emergency	admit Med-Surg ICU	0.160416667
## 1008	Accident & Emergency	admit Med-Surg ICU	0.109027778
## 1011	Accident & Emergency	admit CCU-CTICU	0.111111111
## 1013	Floor	admit CCU-CTICU	-0.786805556
## 1014	Accident & Emergency	admit CCU-CTICU	0.152777778
## 1015	Operating Room / Recovery	admit CTICU	0.353472222
## 1016	Accident & Emergency	admit Med-Surg ICU	0.036111111
## 1017	Operating Room / Recovery	admit Med-Surg ICU	0.301388889
## 1018	Accident & Emergency	admit Med-Surg ICU	0.079861111
## 1019	Accident & Emergency	admit MICU	0.055555556
## 1021	Accident & Emergency	admit Med-Surg ICU	0.038888889
## 1022	Accident & Emergency	admit Med-Surg ICU	0.192361111
## 1023	Operating Room / Recovery	admit Med-Surg ICU	0.137500000
## 1025	Accident & Emergency	admit Med-Surg ICU	0.090277778
## 1026	Accident & Emergency	admit Med-Surg ICU	0.004166667
## 1028	Operating Room / Recovery	admit Med-Surg ICU	0.084027778
## 1029	Operating Room / Recovery	admit Med-Surg ICU	5.706944444
## 1030	Accident & Emergency	admit Med-Surg ICU	0.002083333
## 1031	Accident & Emergency	admit Neuro ICU	0.007638889
## 1032	Operating Room / Recovery	admit Cardiac ICU	0.429166667
## 1033	Accident & Emergency	admit Med-Surg ICU	0.111111111
## 1035	Accident & Emergency	admit Neuro ICU	0.008333333
## 1036	Operating Room / Recovery	admit CCU-CTICU	0.268750000
## 1037	Accident & Emergency	admit CCU-CTICU	0.002083333
## 1038	Accident & Emergency	admit CCU-CTICU	0.041666667
## 1040	Accident & Emergency	admit Med-Surg ICU	0.141666667
## 1042	Operating Room / Recovery	admit MICU	0.140972222
## 1043	Accident & Emergency	admit CCU-CTICU	0.152777778
## 1044	Operating Room / Recovery	admit CCU-CTICU	0.414583333
## 1046	Accident & Emergency	admit MICU	0.029166667
## 1047	Accident & Emergency	transfer Med-Surg ICU	0.154861111
## 1048	Operating Room / Recovery	admit CCU-CTICU	4.105555556
## 1049	Accident & Emergency	admit Med-Surg ICU	0.079166667
## 1050	Accident & Emergency	admit Med-Surg ICU	0.013194444
## 1051	Accident & Emergency	admit Med-Surg ICU	1.200694444

## 1053	Operating Room / Recovery	admit Med-Surg ICU	4.468750000
## 1054	Accident & Emergency	admit Med-Surg ICU	0.006944444
## 1055	Floor	admit SICU	0.954861111
## 1056	Operating Room / Recovery	admit SICU	1.220833333
## 1057	Floor	admit CCU-CTICU	0.166666667
## 1059	Floor	admit Cardiac ICU	0.000000000
## 1060	Accident & Emergency	admit CCU-CTICU	0.000000000
## 1061	Floor	admit Med-Surg ICU	2.938888889
## 1062	Accident & Emergency	admit SICU	5.084722222
## 1063	Accident & Emergency	admit Cardiac ICU	0.033333333
## 1064	Accident & Emergency	admit Med-Surg ICU	0.059027778
## 1065	Operating Room / Recovery	admit MICU	0.004166667
## 1068	Accident & Emergency	admit Med-Surg ICU	0.202777778
## 1069	Operating Room / Recovery	admit Med-Surg ICU	0.001388889
## 1070	Floor	admit CSICU	-0.065277778
## 1071	Floor	admit Med-Surg ICU	10.918750000
## 1072	Accident & Emergency	admit Neuro ICU	0.000000000
## 1073	Accident & Emergency	admit Cardiac ICU	0.068055556
## 1074	Floor	admit Med-Surg ICU	0.793055556
## 1075	Floor	admit Med-Surg ICU	0.742361111
## 1076	Accident & Emergency	admit CCU-CTICU	0.204166667
## 1077	Operating Room / Recovery	admit CTICU	7.971527778
## 1078	Accident & Emergency	admit Med-Surg ICU	0.048611111
## 1079	Operating Room / Recovery	admit CTICU	0.390972222
## 1080	Floor	admit SICU	0.065277778
## 1081	Accident & Emergency	admit Med-Surg ICU	0.096527778
## 1084	Accident & Emergency	admit Med-Surg ICU	0.136805556
## 1085	Operating Room / Recovery	admit CSICU	0.000694444
## 1086	Floor	admit Med-Surg ICU	7.183333333
## 1087	Other Hospital	admit Neuro ICU	0.009027778
## 1088	Floor	admit Med-Surg ICU	1.994444444
## 1089	Other Hospital	admit MICU	0.000000000
## 1090	Floor	admit Med-Surg ICU	0.403472222
## 1091	Accident & Emergency	admit Med-Surg ICU	0.051388889
## 1092	Operating Room / Recovery	admit CSICU	0.325000000
## 1093	Floor	admit Med-Surg ICU	0.288888889
## 1094	Operating Room / Recovery	admit Neuro ICU	0.329861111
## 1095	Accident & Emergency	admit Med-Surg ICU	0.138888889
## 1096	Accident & Emergency	admit Neuro ICU	0.088194444
## 1097	Accident & Emergency	admit Med-Surg ICU	0.113888889
## 1099	Floor	admit Med-Surg ICU	3.196527778
## 1100	Accident & Emergency	admit Med-Surg ICU	0.013194444
## 1101	Accident & Emergency	admit Med-Surg ICU	0.070833333
## 1102	Operating Room / Recovery	admit Med-Surg ICU	0.991666667
## 1103	Accident & Emergency	admit CCU-CTICU	6.438194444
## 1104	Accident & Emergency	admit Med-Surg ICU	0.036805556
## 1105	Operating Room / Recovery	admit CSICU	0.288194444
## 1106	Accident & Emergency	admit Med-Surg ICU	0.252083333
## 1107	Floor	admit Med-Surg ICU	0.986111111
## 1108	Operating Room / Recovery	admit MICU	3.886111111
## 1109	Accident & Emergency	admit Med-Surg ICU	0.104861111
## 1110	Accident & Emergency	admit CCU-CTICU	0.083333333
## 1111	Accident & Emergency	admit Med-Surg ICU	0.010416667
## 1112	Accident & Emergency	admit CSICU	0.028472222

## 1113	Other ICU	transfer Med-Surg ICU	0.111805556
## 1115	Operating Room / Recovery	admit Med-Surg ICU	1.268750000
## 1118	Operating Room / Recovery	admit Med-Surg ICU	1.024305556
## 1119	Floor	admit CCU-CTICU	6.843055556
## 1120	Accident & Emergency	admit Med-Surg ICU	0.019444444
## 1121	Operating Room / Recovery	admit Cardiac ICU	0.319444444
## 1122	Accident & Emergency	admit Med-Surg ICU	0.036805556
## 1123	Accident & Emergency	admit Neuro ICU	0.272916667
## 1125	Operating Room / Recovery	admit Med-Surg ICU	0.376388889
## 1126	Operating Room / Recovery	admit CCU-CTICU	1.424305556
## 1127	Accident & Emergency	admit Med-Surg ICU	0.004861111
## 1128	Accident & Emergency	admit Med-Surg ICU	0.161805556
## 1129	Accident & Emergency	admit Neuro ICU	0.009722222
## 1130	Accident & Emergency	admit Med-Surg ICU	0.343055556
## 1132	Accident & Emergency	admit CTICU	0.049305556
## 1133	Floor	admit Med-Surg ICU	3.701388889
## 1134	Accident & Emergency	admit Med-Surg ICU	0.062500000
## 1135	Floor	admit Med-Surg ICU	1.141666667
## 1136	Accident & Emergency	admit Med-Surg ICU	0.143055556
## 1138	Accident & Emergency	admit Med-Surg ICU	0.193750000
## 1139	Operating Room / Recovery	admit SICU	2.072222222
## 1141	Floor	admit Med-Surg ICU	0.346527778
## 1142	Accident & Emergency	admit Med-Surg ICU	0.307638889
## 1143	Floor	admit Neuro ICU	5.381944444
## 1145	Operating Room / Recovery	admit Med-Surg ICU	0.336805556
## 1146	Accident & Emergency	admit Med-Surg ICU	0.053472222
## 1147	Floor	admit Med-Surg ICU	0.636111111
## 1148	Operating Room / Recovery	admit SICU	0.015972222
## 1149	Operating Room / Recovery	admit SICU	1.319444444
## 1150	Operating Room / Recovery	transfer Med-Surg ICU	1.457638889
## 1151	Operating Room / Recovery	admit CTICU	0.000694444
## 1152	Operating Room / Recovery	admit Cardiac ICU	1.900694444
## 1153	Operating Room / Recovery	admit SICU	0.418055556
## 1154	Operating Room / Recovery	admit Med-Surg ICU	0.287500000
## 1155	Accident & Emergency	admit Med-Surg ICU	0.176388889
## 1156	Operating Room / Recovery	admit SICU	4.413194444
## 1157	Operating Room / Recovery	admit CTICU	5.278472222
## 1158	Floor	admit Cardiac ICU	0.352083333
## 1159	Floor	admit Med-Surg ICU	1.942361111
## 1160	Accident & Emergency	admit Neuro ICU	0.011111111
## 1161	Operating Room / Recovery	admit Med-Surg ICU	0.236111111
## 1163	Accident & Emergency	admit CCU-CTICU	0.006250000
## 1164	Floor	admit Med-Surg ICU	7.012500000
## 1165	Floor	admit CCU-CTICU	0.003472222
## 1167	Accident & Emergency	admit Med-Surg ICU	0.144444444
## 1168	Accident & Emergency	admit Med-Surg ICU	0.050694444
## 1169	Accident & Emergency	admit Med-Surg ICU	0.862500000
## 1170	Accident & Emergency	admit Med-Surg ICU	0.050000000
## 1171	Operating Room / Recovery	admit CSICU	0.318055556
## 1172	Other Hospital	admit MICU	0.000000000
## 1173	Floor	admit Med-Surg ICU	1.915277778
## 1174	Accident & Emergency	admit CCU-CTICU	0.079861111
## 1177	Floor	transfer Med-Surg ICU	1.329166667
## 1178	Accident & Emergency	admit Neuro ICU	0.231250000

## 1179	Accident & Emergency	admit	SICU	0.058333333
## 1180	Accident & Emergency	transfer	Med-Surg ICU	0.011111111
## 1181	Accident & Emergency	admit	Med-Surg ICU	0.338888889
## 1182	Accident & Emergency	admit	Med-Surg ICU	0.225000000
## 1183	Accident & Emergency	admit	Med-Surg ICU	0.268750000
## 1185	Operating Room / Recovery	admit	CSICU	1.924305556
## 1186	Operating Room / Recovery	admit	SICU	0.510416667
## 1188	Accident & Emergency	admit	CCU-CTICU	0.406944444
## 1189	Accident & Emergency	admit	CTICU	0.111805556
## 1190	Accident & Emergency	admit	Med-Surg ICU	0.084722222
## 1191	Accident & Emergency	admit	Cardiac ICU	0.160416667
## 1192	Accident & Emergency	admit	Med-Surg ICU	0.001388889
## 1193	Operating Room / Recovery	admit	Neuro ICU	0.011805556
## 1194	Accident & Emergency	admit	MICU	0.000694444
## 1195	Accident & Emergency	admit	Med-Surg ICU	0.354166667
## 1196	Floor	admit	MICU	2.098611111
## 1197	Accident & Emergency	admit	CTICU	0.061111111
## 1198	Floor	admit	Med-Surg ICU	0.528472222
## 1199	Accident & Emergency	admit	Med-Surg ICU	0.133333333
## 1200	Accident & Emergency	admit	CTICU	0.241666667
## 1201	Accident & Emergency	admit	MICU	0.140972222
## 1202	Operating Room / Recovery	admit	CSICU	2.226388889
## 1203	Floor	admit	Med-Surg ICU	3.305555556
## 1204	Operating Room / Recovery	admit	CSICU	0.255555556
## 1205	Floor	admit	Neuro ICU	25.734027780
## 1207	Operating Room / Recovery	admit	Med-Surg ICU	0.480555556
## 1209	Floor	admit	Med-Surg ICU	1.497916667
## 1210	Floor	admit	SICU	2.885416667
## 1211	Operating Room / Recovery	admit	Med-Surg ICU	0.000000000
## 1212	Accident & Emergency	admit	MICU	0.111805556
## 1214	Floor	admit	SICU	0.387500000
## 1217	Floor	admit	Med-Surg ICU	0.685416667
## 1218	Accident & Emergency	admit	CSICU	0.070833333
## 1220	Accident & Emergency	admit	Med-Surg ICU	0.091666667
## 1221	Accident & Emergency	admit	Med-Surg ICU	0.050694444
## 1223	Accident & Emergency	admit	Med-Surg ICU	0.009027778
## 1224	Floor	admit	Med-Surg ICU	0.357638889
## 1225	Accident & Emergency	transfer	Med-Surg ICU	0.138194444
## 1226	Accident & Emergency	admit	Med-Surg ICU	0.102083333
## 1227	Accident & Emergency	admit	Med-Surg ICU	0.000694444
## 1228	Accident & Emergency	admit	Med-Surg ICU	0.129166667
## 1229	Accident & Emergency	admit	Med-Surg ICU	0.103472222
## 1231	Accident & Emergency	admit	Med-Surg ICU	0.160416667
## 1232	Operating Room / Recovery	admit	Med-Surg ICU	0.319444444
## 1235	Accident & Emergency	admit	Cardiac ICU	0.215972222
## 1237	Accident & Emergency	admit	CSICU	0.005555556
## 1238	Floor	admit	SICU	0.498611111
## 1239	Floor	admit	Neuro ICU	1.160416667
## 1240	Accident & Emergency	admit	Med-Surg ICU	0.015277778
## 1242	Operating Room / Recovery	admit	Cardiac ICU	0.339583333
## 1243	Accident & Emergency	admit	Neuro ICU	0.339583333
## 1244	Floor	admit	Med-Surg ICU	0.383333333
## 1245	Accident & Emergency	admit	Med-Surg ICU	0.440277778
## 1246	Accident & Emergency	admit	Med-Surg ICU	0.150694444

## 1247	Floor	admit	MICU	0.696527778
## 1248	Accident & Emergency	admit	Med-Surg ICU	1.065277778
## 1249	Floor	transfer	Med-Surg ICU	0.008333333
## 1250	Accident & Emergency	admit	Med-Surg ICU	0.010416667
## 1252	Operating Room / Recovery	admit	CSICU	0.044444444
## 1253	Floor	admit	Med-Surg ICU	0.408333333
## 1255	Floor	admit	CCU-CTICU	5.884722222
## 1256	Accident & Emergency	admit	SICU	0.070138889
## 1258	Accident & Emergency	admit	Med-Surg ICU	0.018055556
## 1259	Accident & Emergency	admit	Med-Surg ICU	0.247916667
## 1262	Operating Room / Recovery	admit	Med-Surg ICU	0.284722222
## 1265	Operating Room / Recovery	admit	CSICU	4.815972222
## 1266	Accident & Emergency	admit	Med-Surg ICU	0.034722222
## 1267	Accident & Emergency	admit	Med-Surg ICU	0.306944444
## 1268	Accident & Emergency	admit	SICU	0.090972222
## 1269	Other Hospital	admit	Med-Surg ICU	0.000000000
## 1270	Floor	transfer	Med-Surg ICU	0.027777778
## 1271	Accident & Emergency	admit	SICU	0.254166667
## 1272	Accident & Emergency	admit	Med-Surg ICU	0.006944444
## 1273	Floor	admit	MICU	2.734027778
## 1274	Operating Room / Recovery	admit	Med-Surg ICU	1.213888889
## 1275	Floor	admit	Med-Surg ICU	0.213194444
## 1276	Accident & Emergency	admit	Cardiac ICU	0.150694444
## 1277	Accident & Emergency	admit	Med-Surg ICU	0.175694444
## 1278	Operating Room / Recovery	admit	Med-Surg ICU	0.315972222
## 1281	Operating Room / Recovery	admit	Med-Surg ICU	0.242361111
## 1282	Accident & Emergency	admit	Med-Surg ICU	0.068055556
## 1283	Floor	admit	Med-Surg ICU	1.188888889
## 1284	Operating Room / Recovery	admit	CSICU	0.003472222
## 1285	Accident & Emergency	admit	SICU	0.275694444
## 1286	Floor	admit	Med-Surg ICU	4.640972222
## 1287	Other ICU	transfer	CSICU	0.681944444
## 1288	Accident & Emergency	admit	Med-Surg ICU	0.028472222
## 1289	Operating Room / Recovery	admit	Med-Surg ICU	3.984722222
## 1290	Operating Room / Recovery	admit	CCU-CTICU	1.094444444
## 1291	Floor	transfer	Med-Surg ICU	0.103472222
## 1292	Accident & Emergency	admit	Med-Surg ICU	2.649305556
## 1293	Accident & Emergency	admit	Med-Surg ICU	0.002083333
## 1295	Accident & Emergency	transfer	MICU	0.534722222
## 1297	Accident & Emergency	admit	CSICU	0.125694444
## 1298	Accident & Emergency	admit	Med-Surg ICU	0.280555556
## 1299	Floor	admit	Med-Surg ICU	0.223611111
## 1300	Floor	admit	Med-Surg ICU	0.937500000
## 1301	Accident & Emergency	admit	Med-Surg ICU	0.040277778
## 1303	Accident & Emergency	admit	Med-Surg ICU	0.175694444
## 1304	Accident & Emergency	admit	MICU	0.052083333
## 1305	Accident & Emergency	admit	Med-Surg ICU	0.005555556
## 1307	Accident & Emergency	admit	Med-Surg ICU	0.139583333
## 1308	Floor	admit	SICU	1.386111111
## 1309	Accident & Emergency	admit	CCU-CTICU	0.031250000
## 1310	Operating Room / Recovery	admit	Med-Surg ICU	3.148611111
## 1311	Accident & Emergency	admit	Med-Surg ICU	0.147222222
## 1312	Operating Room / Recovery	admit	Med-Surg ICU	0.506944444
## 1314	Operating Room / Recovery	admit	Neuro ICU	3.869444444

## 1315	Floor	admit	MICU	0.744444444
## 1316	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 1317	Floor	admit	Med-Surg ICU	1.346527778
## 1319	Floor	transfer	MICU	0.910416667
## 1320	Operating Room / Recovery	admit	Neuro ICU	1.070138889
## 1321	Accident & Emergency	admit	MICU	0.037500000
## 1322	Accident & Emergency	admit	CTICU	0.630555556
## 1323	Accident & Emergency	admit	Neuro ICU	0.226388889
## 1324	Floor	admit	MICU	2.070138889
## 1325	Operating Room / Recovery	admit	Med-Surg ICU	0.110416667
## 1326	Accident & Emergency	admit	SICU	0.040972222
## 1327	Operating Room / Recovery	admit	Med-Surg ICU	0.286111111
## 1328	Floor	admit	Med-Surg ICU	0.730555556
## 1329	Accident & Emergency	admit	Med-Surg ICU	0.286805556
## 1330	Accident & Emergency	admit	Med-Surg ICU	0.331250000
## 1331	Accident & Emergency	admit	Med-Surg ICU	0.040972222
## 1332	Floor	admit	Med-Surg ICU	0.854861111
## 1333	Accident & Emergency	admit	Med-Surg ICU	0.063888889
## 1334	Operating Room / Recovery	admit	Cardiac ICU	0.353472222
## 1335	Accident & Emergency	admit	Med-Surg ICU	0.072916667
## 1336	Accident & Emergency	admit	Med-Surg ICU	0.271527778
## 1338	Other Hospital	admit	MICU	0.027083333
## 1339	Operating Room / Recovery	admit	CSICU	0.248611111
## 1340	Accident & Emergency	admit	Med-Surg ICU	0.076388889
## 1342	Accident & Emergency	admit	Med-Surg ICU	0.262500000
## 1343	Accident & Emergency	admit	Med-Surg ICU	0.122916667
## 1344	Accident & Emergency	admit	Med-Surg ICU	0.003472222
## 1345	Accident & Emergency	admit	Med-Surg ICU	0.222916667
## 1347	Operating Room / Recovery	admit	SICU	0.271527778
## 1348	Other ICU	transfer	Neuro ICU	0.004166667
## 1349	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 1350	Accident & Emergency	admit	Neuro ICU	0.038888889
## 1351	Operating Room / Recovery	admit	SICU	0.274305556
## 1353	Operating Room / Recovery	admit	Neuro ICU	0.118750000
## 1354	Accident & Emergency	admit	Med-Surg ICU	0.013888889
## 1355	Accident & Emergency	admit	Med-Surg ICU	0.199305556
## 1356	Accident & Emergency	admit	Med-Surg ICU	0.084027778
## 1357	Accident & Emergency	admit	Cardiac ICU	0.042361111
## 1358	Floor	admit	Med-Surg ICU	0.526388889
## 1359	Accident & Emergency	transfer	MICU	0.217361111
## 1360	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 1361	Accident & Emergency	admit	CTICU	0.355555556
## 1362	Floor	admit	Med-Surg ICU	0.488194444
## 1363	Operating Room / Recovery	admit	Med-Surg ICU	0.225000000
## 1364	Accident & Emergency	admit	Med-Surg ICU	0.137500000
## 1366	Operating Room / Recovery	admit	Med-Surg ICU	0.137500000
## 1367	Operating Room / Recovery	admit	Neuro ICU	0.000694444
## 1368	Accident & Emergency	admit	CSICU	0.012500000
## 1369	Accident & Emergency	admit	Cardiac ICU	0.196527778
## 1370	Accident & Emergency	admit	Med-Surg ICU	0.129166667
## 1371	Accident & Emergency	admit	MICU	0.063194444
## 1373	Operating Room / Recovery	admit	SICU	0.353472222
## 1375	Floor	admit	Med-Surg ICU	3.009722222
## 1377	Operating Room / Recovery	admit	CTICU	0.406944444



## 1378	Accident & Emergency	admit Med-Surg ICU	0.068750000
## 1379	Operating Room / Recovery	admit SICU	0.145833333
## 1380	Accident & Emergency	admit SICU	0.113888889
## 1381	Accident & Emergency	admit Med-Surg ICU	0.122222222
## 1383	Accident & Emergency	admit Neuro ICU	0.179166667
## 1385	Accident & Emergency	admit Med-Surg ICU	0.045138889
## 1386	Accident & Emergency	admit Med-Surg ICU	0.067361111
## 1388	Accident & Emergency	admit CCU-CTICU	0.040277778
## 1389	Accident & Emergency	admit CSICU	0.238888889
## 1390	Operating Room / Recovery	admit SICU	1.063888889
## 1391	Accident & Emergency	admit Med-Surg ICU	0.067361111
## 1392	Operating Room / Recovery	admit SICU	0.441666667
## 1394	Floor	admit Med-Surg ICU	1.590972222
## 1395	Accident & Emergency	admit CSICU	0.164583333
## 1396	Accident & Emergency	admit Med-Surg ICU	0.210416667
## 1397	Accident & Emergency	admit CCU-CTICU	0.063888889
## 1398	Floor	admit MICU	2.372916667
## 1400	Accident & Emergency	admit SICU	0.189583333
## 1401	Accident & Emergency	admit Cardiac ICU	0.111805556
## 1402	Floor	admit SICU	0.345138889
## 1405	Accident & Emergency	admit Med-Surg ICU	0.120138889
## 1407	Floor	admit Med-Surg ICU	6.023611111
## 1408	Accident & Emergency	admit Med-Surg ICU	0.427777778
## 1409	Operating Room / Recovery	admit Med-Surg ICU	4.429861111
## 1410	Accident & Emergency	admit Med-Surg ICU	0.007638889
## 1411	Accident & Emergency	admit Cardiac ICU	0.065972222
## 1412	Accident & Emergency	admit Med-Surg ICU	0.140277778
## 1413	Floor	admit Med-Surg ICU	2.176388889
## 1414	Operating Room / Recovery	admit Med-Surg ICU	4.070833333
## 1415	Accident & Emergency	admit Med-Surg ICU	0.000000000
## 1417	Accident & Emergency	admit Med-Surg ICU	0.039583333
## 1418	Accident & Emergency	admit Med-Surg ICU	0.011805556
## 1419	Accident & Emergency	admit Med-Surg ICU	0.043750000
## 1420	Accident & Emergency	admit Med-Surg ICU	0.047222222
## 1422	Accident & Emergency	admit MICU	0.250694444
## 1424	Accident & Emergency	admit Med-Surg ICU	0.007638889
## 1425	Accident & Emergency	admit Med-Surg ICU	0.098611111
## 1426	Floor	admit Med-Surg ICU	0.436805556
## 1427	Floor	admit Neuro ICU	0.125694444
## 1428	Accident & Emergency	admit MICU	0.027777778
## 1429	Accident & Emergency	admit Cardiac ICU	0.043750000
## 1430	Accident & Emergency	transfer MICU	0.199305556
## 1431	Accident & Emergency	admit Med-Surg ICU	0.000000000
## 1433	Other Hospital	admit Med-Surg ICU	0.002083333
## 1434	Accident & Emergency	admit Med-Surg ICU	0.112500000
## 1435	Accident & Emergency	admit Med-Surg ICU	0.200000000
## 1436	Accident & Emergency	admit Med-Surg ICU	0.044444444
## 1437	Operating Room / Recovery	admit Neuro ICU	0.228472222
## 1440	Floor	admit Med-Surg ICU	3.928472222
## 1441	Operating Room / Recovery	admit Cardiac ICU	0.407638889
## 1442	Operating Room / Recovery	admit CCU-CTICU	0.431944444
## 1443	Accident & Emergency	admit MICU	0.187500000
## 1446	Accident & Emergency	admit MICU	0.060416667
## 1447	Accident & Emergency	admit Med-Surg ICU	0.000000000

## 1448	Accident & Emergency	admit	Med-Surg ICU	0.282638889
## 1449	Floor	transfer	Med-Surg ICU	0.517361111
## 1450	Accident & Emergency	admit	CCU-CTICU	0.008333333
## 1451	Operating Room / Recovery	admit	CSICU	0.019444444
## 1452	Accident & Emergency	admit	Med-Surg ICU	0.138888889
## 1453	Accident & Emergency	admit	CTICU	0.008333333
## 1454	Accident & Emergency	admit	CSICU	0.069444444
## 1455	Operating Room / Recovery	admit	Neuro ICU	2.845138889
## 1456	Other Hospital	admit	CCU-CTICU	0.016666667
## 1457	Accident & Emergency	transfer	Med-Surg ICU	0.150694444
## 1458	Operating Room / Recovery	admit	SICU	0.009027778
## 1459	Accident & Emergency	admit	Med-Surg ICU	0.095833333
## 1460	Accident & Emergency	admit	Med-Surg ICU	0.014583333
## 1466	Operating Room / Recovery	admit	Med-Surg ICU	1.033333333
## 1467	Accident & Emergency	admit	Med-Surg ICU	0.390277778
## 1468	Floor	admit	SICU	1.123611111
## 1469	Accident & Emergency	admit	Med-Surg ICU	0.004861111
## 1470	Accident & Emergency	admit	SICU	0.329166667
## 1471	Accident & Emergency	admit	SICU	0.140972222
## 1472	Operating Room / Recovery	admit	CTICU	3.279166667
## 1475	Accident & Emergency	admit	CTICU	0.056944444
## 1476	Accident & Emergency	admit	Med-Surg ICU	0.270833333
## 1477	Floor	admit	Cardiac ICU	1.629166667
## 1478	Operating Room / Recovery	admit	CTICU	0.001388889
## 1479	Accident & Emergency	admit	Cardiac ICU	0.010416667
## 1480	Accident & Emergency	admit	Med-Surg ICU	0.002777778
## 1481	Accident & Emergency	admit	Cardiac ICU	0.176388889
## 1483	Operating Room / Recovery	admit	Med-Surg ICU	7.874305556
## 1484	Floor	transfer	Med-Surg ICU	0.004166667
## 1486	Accident & Emergency	admit	Med-Surg ICU	0.278472222
## 1487	Floor	admit	MICU	2.743750000
## 1488	Accident & Emergency	admit	MICU	0.044444444
## 1489	Accident & Emergency	admit	Med-Surg ICU	0.002777778
## 1491	Accident & Emergency	admit	Med-Surg ICU	0.174305556
## 1492	Accident & Emergency	admit	Med-Surg ICU	0.145833333
## 1494	Accident & Emergency	admit	Neuro ICU	0.004861111
## 1495	Accident & Emergency	admit	CCU-CTICU	0.001388889
## 1496	Accident & Emergency	admit	Med-Surg ICU	0.003472222
## 1497	Accident & Emergency	admit	Cardiac ICU	0.138888889
## 1498	Operating Room / Recovery	admit	CCU-CTICU	10.209722220
## 1501	Accident & Emergency	admit	Med-Surg ICU	0.005555556
## 1502	Accident & Emergency	admit	Med-Surg ICU	0.000694444
## 1503	Floor	admit	MICU	2.909027778
## 1506	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 1507	Accident & Emergency	admit	Med-Surg ICU	0.000694444
## 1509	Accident & Emergency	admit	Med-Surg ICU	0.068750000
## 1510	Accident & Emergency	admit	MICU	0.000000000
## 1511	Accident & Emergency	admit	Cardiac ICU	0.123611111
## 1512	Accident & Emergency	admit	Med-Surg ICU	0.087500000
## 1513	Accident & Emergency	admit	Med-Surg ICU	0.136805556
## 1514	Accident & Emergency	admit	CCU-CTICU	0.000000000
## 1515	Accident & Emergency	admit	Neuro ICU	0.000000000
## 1516	Accident & Emergency	admit	Med-Surg ICU	0.127777778
## 1517	Accident & Emergency	admit	Med-Surg ICU	0.075000000

## 1518	Accident & Emergency	admit	Cardiac ICU	0.072916667
## 1519	Floor	admit	SICU	2.984027778
## 1520	Floor	admit	Cardiac ICU	1.663888889
## 1521	Accident & Emergency	admit	SICU	0.054166667
## 1522	Accident & Emergency	admit	Med-Surg ICU	0.523611111
## 1523	Accident & Emergency	admit	CCU-CTICU	0.000694444
## 1524	Accident & Emergency	admit	SICU	0.001388889
## 1525	Accident & Emergency	admit	Med-Surg ICU	0.066666667
## 1528	Accident & Emergency	admit	MICU	0.044444444
## 1529	Floor	admit	CTICU	1.429861111
## 1530	Accident & Emergency	admit	Med-Surg ICU	0.063194444
## 1532	Floor	admit	CCU-CTICU	0.287500000
## 1533	Accident & Emergency	admit	Med-Surg ICU	0.068055556
## 1534	Floor	admit	CCU-CTICU	0.583333333
## 1535	Operating Room / Recovery	admit	CCU-CTICU	0.182638889
## 1536	Accident & Emergency	transfer	Med-Surg ICU	0.133333333
## 1537	Accident & Emergency	admit	Med-Surg ICU	0.005555556
## 1538	Floor	admit	Med-Surg ICU	0.363888889
## 1540	Operating Room / Recovery	admit	Med-Surg ICU	0.235416667
## 1542	Other Hospital	admit	Med-Surg ICU	0.004861111
## 1543	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 1544	Operating Room / Recovery	admit	SICU	0.001388889
## 1545	Accident & Emergency	admit	CTICU	0.061111111
## 1546	Floor	admit	Med-Surg ICU	5.673611111
## 1548	Operating Room / Recovery	admit	Med-Surg ICU	0.470833333
## 1549	Operating Room / Recovery	admit	CTICU	2.496527778
## 1550	Accident & Emergency	admit	MICU	0.002777778
## 1551	Accident & Emergency	admit	Med-Surg ICU	0.102777778
## 1552	Operating Room / Recovery	admit	CTICU	3.372916667
## 1553	Operating Room / Recovery	admit	CTICU	0.315277778
## 1554	Operating Room / Recovery	admit	CTICU	1.642361111
## 1555	Other Hospital	admit	Neuro ICU	0.000000000
## 1556	Accident & Emergency	transfer	MICU	0.106944444
## 1557	Other Hospital	admit	CSICU	0.002777778
## 1558	Accident & Emergency	transfer	MICU	0.112500000
## 1559	Floor	admit	Med-Surg ICU	9.590972222
## 1560	Accident & Emergency	admit	Med-Surg ICU	0.049305556
## 1562	Operating Room / Recovery	admit	Med-Surg ICU	1.861805556
## 1563	Operating Room / Recovery	admit	Med-Surg ICU	1.343750000
## 1564	Floor	admit	Med-Surg ICU	3.802777778
## 1565	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 1566	Floor	admit	Med-Surg ICU	1.155555556
## 1567	Operating Room / Recovery	admit	CCU-CTICU	0.222222222
## 1568	Other Hospital	admit	Neuro ICU	0.009722222
## 1569	Accident & Emergency	admit	Med-Surg ICU	0.100694444
## 1570	Accident & Emergency	admit	CTICU	0.080555556
## 1571	Accident & Emergency	admit	Med-Surg ICU	0.123611111
## 1572	Operating Room / Recovery	admit	Med-Surg ICU	2.213194444
## 1573	Floor	admit	Med-Surg ICU	0.305555556
## 1574	Operating Room / Recovery	admit	CSICU	1.187500000
## 1575	Operating Room / Recovery	admit	SICU	1.971527778
## 1576	Operating Room / Recovery	admit	CTICU	1.174305556
## 1577	Accident & Emergency	admit	Med-Surg ICU	0.152777778
## 1578	Accident & Emergency	admit	Med-Surg ICU	1.407638889

## 1579	Accident & Emergency	admit Med-Surg ICU	0.008333333
## 1580	Accident & Emergency	admit Neuro ICU	0.001388889
## 1581	Accident & Emergency	admit Med-Surg ICU	0.128472222
## 1583	Accident & Emergency	admit Med-Surg ICU	0.001388889
## 1584	Accident & Emergency	admit SICU	0.106944444
## 1585	Operating Room / Recovery	admit SICU	0.286805556
## 1587	Accident & Emergency	admit Med-Surg ICU	0.006250000
## 1588	Accident & Emergency	admit Med-Surg ICU	0.010416667
## 1589	Operating Room / Recovery	transfer Med-Surg ICU	0.206250000
## 1590	Accident & Emergency	admit Med-Surg ICU	0.117361111
## 1591	Floor	admit Med-Surg ICU	0.357638889
## 1592	Accident & Emergency	admit Neuro ICU	0.034722222
## 1594	Accident & Emergency	admit Med-Surg ICU	0.156944444
## 1595	Accident & Emergency	admit Med-Surg ICU	0.256250000
## 1596	Floor	admit Med-Surg ICU	0.020138889
## 1597	Operating Room / Recovery	admit Med-Surg ICU	0.016666667
## 1598	Accident & Emergency	admit Med-Surg ICU	0.276388889
## 1599	Floor	admit CSICU	3.106250000
## 1601	Accident & Emergency	admit CCU-CTICU	0.006944444
## 1602	Other Hospital	admit CSICU	0.013888889
## 1603	Accident & Emergency	admit Med-Surg ICU	0.139583333
## 1604	Floor	admit Med-Surg ICU	0.097222222
## 1605	Operating Room / Recovery	admit Med-Surg ICU	0.001388889
## 1606	Floor	admit Med-Surg ICU	3.766666667
## 1608	Operating Room / Recovery	admit Med-Surg ICU	0.327777778
## 1609	Accident & Emergency	admit CSICU	0.070833333
## 1610	Operating Room / Recovery	admit CSICU	0.282638889
## 1611	Accident & Emergency	admit Cardiac ICU	0.048611111
## 1612	Other Hospital	admit CTICU	0.000000000
## 1613	Operating Room / Recovery	admit Med-Surg ICU	5.069444444
## 1614	Accident & Emergency	admit Med-Surg ICU	0.234027778
## 1615	Operating Room / Recovery	admit CCU-CTICU	1.764583333
## 1616	Accident & Emergency	admit Med-Surg ICU	0.140972222
## 1617	Accident & Emergency	admit Med-Surg ICU	0.214583333
## 1618	Accident & Emergency	admit CSICU	0.070138889
## 1619	Accident & Emergency	admit Med-Surg ICU	0.013888889
## 1620	Accident & Emergency	admit Med-Surg ICU	0.115277778
## 1621	Accident & Emergency	admit MICU	0.007638889
## 1622	Operating Room / Recovery	admit CSICU	0.010416667
## 1623	Accident & Emergency	admit SICU	0.205555556
## 1625	Floor	admit Med-Surg ICU	3.747222222
## 1626	Accident & Emergency	admit SICU	0.038194444
## 1627	Accident & Emergency	admit Med-Surg ICU	0.216666667
## 1628	Accident & Emergency	admit Med-Surg ICU	0.015277778
## 1630	Operating Room / Recovery	admit Med-Surg ICU	0.588888889
## 1631	Accident & Emergency	admit MICU	0.004861111
## 1633	Floor	admit MICU	0.542361111
## 1634	Accident & Emergency	admit Med-Surg ICU	0.000000000
## 1635	Accident & Emergency	admit CCU-CTICU	0.227777778
## 1637	Operating Room / Recovery	admit CTICU	0.959027778
## 1638	Accident & Emergency	admit Med-Surg ICU	0.009027778
## 1639	Operating Room / Recovery	admit Med-Surg ICU	1.039583333
## 1641	Floor	admit MICU	1.761111111
## 1642	Operating Room / Recovery	admit CTICU	0.013888889

## 1644	Operating Room / Recovery	admit Med-Surg ICU	0.403472222
## 1645	Accident & Emergency	admit Neuro ICU	0.000000000
## 1647	Accident & Emergency	admit Cardiac ICU	-0.077083333
## 1650	Accident & Emergency	admit Med-Surg ICU	0.241666667
## 1652	Accident & Emergency	admit Med-Surg ICU	0.843055556
## 1653	Operating Room / Recovery	admit MICU	0.000694444
## 1654	Accident & Emergency	admit Med-Surg ICU	0.189583333
## 1655	Accident & Emergency	admit Med-Surg ICU	0.043750000
## 1656	Accident & Emergency	admit Med-Surg ICU	0.281250000
## 1657	Accident & Emergency	admit Med-Surg ICU	0.194444444
## 1659	Operating Room / Recovery	admit CSICU	0.273611111
## 1661	Accident & Emergency	admit Neuro ICU	0.183333333
## 1662	Operating Room / Recovery	admit CCU-CTICU	0.511111111
## 1663	Accident & Emergency	admit Neuro ICU	0.112500000
## 1664	Accident & Emergency	admit Med-Surg ICU	0.190972222
## 1665	Accident & Emergency	admit Med-Surg ICU	0.088194444
## 1666	Operating Room / Recovery	admit CSICU	5.131250000
## 1667	Accident & Emergency	admit Med-Surg ICU	0.159027778
## 1668	Accident & Emergency	admit SICU	0.129861111
## 1669	Accident & Emergency	admit Med-Surg ICU	0.075694444
## 1670	Floor	admit Med-Surg ICU	4.527777778
## 1672	Operating Room / Recovery	admit Med-Surg ICU	0.418750000
## 1674	Operating Room / Recovery	admit CCU-CTICU	6.891666667
## 1675	Accident & Emergency	admit Med-Surg ICU	0.160416667
## 1676	Operating Room / Recovery	admit Neuro ICU	5.341666667
## 1677	Accident & Emergency	admit Med-Surg ICU	0.141666667
## 1678	Accident & Emergency	admit Med-Surg ICU	0.072222222
## 1679	Floor	admit SICU	3.570833333
## 1680	Accident & Emergency	admit Med-Surg ICU	0.182638889
## 1681	Operating Room / Recovery	admit Med-Surg ICU	0.360416667
## 1682	Operating Room / Recovery	admit Med-Surg ICU	2.750694444
## 1683	Operating Room / Recovery	admit Med-Surg ICU	0.012500000
## 1684	Floor	admit CCU-CTICU	0.280555556
## 1685	Accident & Emergency	admit Med-Surg ICU	0.132638889
## 1686	Accident & Emergency	admit CCU-CTICU	-0.096527778
## 1687	Accident & Emergency	admit Med-Surg ICU	0.044444444
## 1688	Operating Room / Recovery	admit Med-Surg ICU	0.213194444
## 1689	Operating Room / Recovery	admit Med-Surg ICU	2.976388889
## 1690	Operating Room / Recovery	admit CSICU	0.034027778
## 1691	Accident & Emergency	admit Med-Surg ICU	0.146527778
## 1692	Accident & Emergency	admit Med-Surg ICU	0.070833333
## 1693	Accident & Emergency	admit Med-Surg ICU	0.242361111
## 1694	Floor	transfer Med-Surg ICU	0.175000000
## 1695	Accident & Emergency	admit Med-Surg ICU	0.001388889
## 1696	Floor	transfer Med-Surg ICU	9.545833333
## 1698	Other Hospital	admit Neuro ICU	0.015277778
## 1699	Accident & Emergency	admit SICU	0.039583333
## 1700	Other ICU	transfer Med-Surg ICU	0.163194444
## 1701	Accident & Emergency	admit Neuro ICU	0.002083333
## 1702	Operating Room / Recovery	admit CCU-CTICU	0.346527778
## 1703	Operating Room / Recovery	admit CSICU	0.086805556
## 1704	Accident & Emergency	admit Neuro ICU	0.000000000
## 1705	Operating Room / Recovery	admit Med-Surg ICU	0.063194444
## 1706	Operating Room / Recovery	admit SICU	0.331944444

## 1708	Accident & Emergency	admit Med-Surg ICU	0.044444444
## 1709	Floor	admit Med-Surg ICU	0.753472222
## 1710	Accident & Emergency	admit Med-Surg ICU	0.148611111
## 1711	Accident & Emergency	admit Med-Surg ICU	0.046527778
## 1712	Accident & Emergency	admit Neuro ICU	0.299305556
## 1713	Accident & Emergency	admit Med-Surg ICU	0.037500000
## 1714	Accident & Emergency	admit Med-Surg ICU	0.388888889
## 1715	Operating Room / Recovery	admit CTICU	4.763888889
## 1716	Accident & Emergency	admit Med-Surg ICU	0.018055556
## 1717	Operating Room / Recovery	admit SICU	3.134722222
## 1718	Operating Room / Recovery	admit Med-Surg ICU	0.424305556
## 1719	Accident & Emergency	admit CSICU	0.056944444
## 1720	Accident & Emergency	admit Neuro ICU	0.077777778
## 1721	Accident & Emergency	admit CSICU	0.049305556
## 1722	Floor	admit Cardiac ICU	6.428472222
## 1723	Accident & Emergency	admit Neuro ICU	0.171527778
## 1724	Accident & Emergency	admit Med-Surg ICU	0.002777778
## 1725	Accident & Emergency	admit Med-Surg ICU	0.190972222
## 1726	Accident & Emergency	admit Med-Surg ICU	0.130555556
## 1727	Operating Room / Recovery	admit CCU-CTICU	3.759722222
## 1728	Operating Room / Recovery	admit CTICU	0.000000000
## 1729	Accident & Emergency	admit Med-Surg ICU	0.177083333
## 1730	Accident & Emergency	admit MICU	0.082638889
## 1731	Accident & Emergency	admit Med-Surg ICU	0.329861111
## 1732	Operating Room / Recovery	admit CSICU	0.050000000
## 1733	Operating Room / Recovery	admit CTICU	0.363888889
## 1735	Floor	admit MICU	0.863194444
## 1736	Accident & Emergency	admit MICU	0.343750000
## 1737	Operating Room / Recovery	admit CCU-CTICU	7.179861111
## 1738	Accident & Emergency	admit Med-Surg ICU	0.034722222
## 1740	Operating Room / Recovery	admit Med-Surg ICU	0.270833333
## 1741	Accident & Emergency	admit MICU	0.015277778
## 1742	Floor	admit Cardiac ICU	2.931944444
## 1743	Floor	admit CCU-CTICU	2.001388889
## 1744	Accident & Emergency	admit Med-Surg ICU	0.115277778
## 1745	Accident & Emergency	admit Med-Surg ICU	0.071527778
## 1747	Operating Room / Recovery	admit CSICU	0.330555556
## 1748	Accident & Emergency	admit Med-Surg ICU	0.046527778
## 1749	Accident & Emergency	admit Med-Surg ICU	0.059027778
## 1750	Floor	admit CSICU	0.879166667
## 1751	Accident & Emergency	admit Med-Surg ICU	0.037500000
## 1752	Accident & Emergency	admit Cardiac ICU	0.079861111
## 1753	Accident & Emergency	admit Cardiac ICU	-0.810416667
## 1754	Operating Room / Recovery	admit SICU	0.295138889
## 1756	Accident & Emergency	admit CCU-CTICU	0.004861111
## 1758	Operating Room / Recovery	admit CTICU	3.509722222
## 1759	Accident & Emergency	admit SICU	0.026388889
## 1761	Accident & Emergency	admit Med-Surg ICU	0.044444444
## 1762	Floor	admit Med-Surg ICU	1.484027778
## 1763	Operating Room / Recovery	admit MICU	6.111111111
## 1764	Accident & Emergency	admit CTICU	0.117361111
## 1765	Accident & Emergency	transfer Med-Surg ICU	0.197222222
## 1766	Operating Room / Recovery	admit CTICU	0.386805556
## 1768	Accident & Emergency	admit Med-Surg ICU	0.081250000

## 1770	Accident & Emergency	admit Med-Surg ICU	0.184027778
## 1772	Floor	readmit Med-Surg ICU	0.961805556
## 1773	Accident & Emergency	admit Med-Surg ICU	0.144444444
## 1774	Floor	admit Med-Surg ICU	1.357638889
## 1775	Accident & Emergency	admit Med-Surg ICU	0.169444444
## 1776	Accident & Emergency	admit Neuro ICU	0.120833333
## 1778	Accident & Emergency	admit Med-Surg ICU	0.009722222
## 1779	Accident & Emergency	admit Med-Surg ICU	0.061805556
## 1781	Accident & Emergency	transfer Med-Surg ICU	0.010416667
## 1782	Accident & Emergency	admit Cardiac ICU	0.226388889
## 1784	Operating Room / Recovery	admit CTICU	0.000694444
## 1785	Accident & Emergency	admit SICU	0.262500000
## 1786	Floor	admit Neuro ICU	0.419444444
## 1787	Other Hospital	admit SICU	0.000000000
## 1788	Accident & Emergency	admit Med-Surg ICU	0.078472222
## 1789	Operating Room / Recovery	admit Med-Surg ICU	0.176388889
## 1790	Accident & Emergency	admit MICU	0.037500000
## 1792	Floor	admit Neuro ICU	0.025000000
## 1793	Accident & Emergency	admit Neuro ICU	0.068750000
## 1794	Accident & Emergency	admit Cardiac ICU	0.217361111
## 1795	Floor	admit CTICU	3.559027778
## 1796	Accident & Emergency	admit Neuro ICU	0.031944444
## 1798	Floor	admit CCU-CTICU	0.902777778
## 1799	Accident & Emergency	admit Med-Surg ICU	0.152083333
## 1800	Accident & Emergency	admit Med-Surg ICU	0.054861111
## 1801	Accident & Emergency	admit Neuro ICU	0.078472222
## 1802	Accident & Emergency	admit Med-Surg ICU	0.004861111
## 1803	Accident & Emergency	admit Neuro ICU	0.009722222
## 1804	Accident & Emergency	admit Med-Surg ICU	0.070833333
## 1805	Operating Room / Recovery	admit CTICU	0.325694444
## 1806	Accident & Emergency	admit Med-Surg ICU	0.211111111
## 1807	Accident & Emergency	admit MICU	0.125000000
## 1808	Operating Room / Recovery	admit SICU	3.134722222
## 1809	Floor	admit Neuro ICU	2.421527778
## 1812	Floor	admit CCU-CTICU	6.690277778
## 1813	Accident & Emergency	admit Med-Surg ICU	0.020833333
## 1814	Accident & Emergency	admit Med-Surg ICU	0.347222222
## 1815	Floor	readmit Med-Surg ICU	0.161805556
## 1816	Accident & Emergency	admit SICU	0.054861111
## 1817	Accident & Emergency	admit Neuro ICU	0.008333333
## 1819	Accident & Emergency	transfer MICU	0.245833333
## 1821	Accident & Emergency	admit Med-Surg ICU	0.059722222
## 1822	Operating Room / Recovery	admit CTICU	0.187500000
## 1823	Floor	admit Med-Surg ICU	2.684722222
## 1824	Accident & Emergency	admit MICU	0.213194444
## 1825	Operating Room / Recovery	admit CSICU	0.250000000
## 1827	Accident & Emergency	admit Med-Surg ICU	0.066666667
## 1828	Operating Room / Recovery	admit SICU	1.962500000
## 1829	Other ICU	transfer Med-Surg ICU	1.815277778
## 1830	Accident & Emergency	admit Med-Surg ICU	0.288194444
## 1831	Floor	admit Med-Surg ICU	0.000000000
## 1832	Operating Room / Recovery	admit CTICU	0.349305556
## 1835	Accident & Emergency	admit Med-Surg ICU	0.037500000
## 1836	Accident & Emergency	admit Med-Surg ICU	0.031944444

## 1837	Accident & Emergency	admit	Cardiac ICU	0.094444444
## 1838	Operating Room / Recovery	admit	SICU	2.092361111
## 1839	Floor	admit	Med-Surg ICU	1.543750000
## 1840	Accident & Emergency	admit	Med-Surg ICU	0.063888889
## 1841	Accident & Emergency	admit	Neuro ICU	0.203472222
## 1842	Operating Room / Recovery	admit	Med-Surg ICU	0.303472222
## 1843	Accident & Emergency	admit	Med-Surg ICU	0.033333333
## 1844	Floor	admit	Med-Surg ICU	1.011111111
## 1845	Accident & Emergency	admit	CCU-CTICU	0.086111111
## 1846	Other Hospital	admit	Med-Surg ICU	0.009722222
## 1847	Accident & Emergency	readmit	Med-Surg ICU	1.038888889
## 1848	Accident & Emergency	admit	Med-Surg ICU	0.039583333
## 1849	Accident & Emergency	admit	Med-Surg ICU	0.209027778
## 1850	Operating Room / Recovery	admit	CTICU	0.306944444
## 1851	Floor	admit	MICU	1.822916667
## 1852	Floor	admit	Med-Surg ICU	1.061111111
## 1853	Accident & Emergency	admit	Med-Surg ICU	0.002083333
## 1854	Accident & Emergency	admit	CCU-CTICU	0.025000000
## 1855	Accident & Emergency	admit	MICU	0.102777778
## 1856	Accident & Emergency	admit	Med-Surg ICU	0.096527778
## 1857	Operating Room / Recovery	admit	SICU	0.011111111
## 1858	Other Hospital	admit	Med-Surg ICU	0.022916667
## 1859	Accident & Emergency	admit	Neuro ICU	0.162500000
## 1861	Accident & Emergency	admit	Med-Surg ICU	0.099305556
## 1865	Accident & Emergency	transfer	Med-Surg ICU	0.415277778
## 1866	Operating Room / Recovery	admit	Med-Surg ICU	0.509722222
## 1867	Floor	admit	Med-Surg ICU	1.162500000
## 1868	Floor	admit	Med-Surg ICU	7.400000000
## 1869	Operating Room / Recovery	admit	CTICU	2.140972222
## 1870	Accident & Emergency	admit	Cardiac ICU	0.192361111
## 1871	Accident & Emergency	admit	CCU-CTICU	-1.250694444
## 1872	Operating Room / Recovery	admit	Med-Surg ICU	0.318055556
## 1873	Accident & Emergency	admit	SICU	0.215277778
## 1874	Accident & Emergency	admit	SICU	0.219444444
## 1876	Other ICU	admit	Med-Surg ICU	1.120138889
## 1878	Accident & Emergency	admit	Med-Surg ICU	0.091666667
## 1879	Floor	admit	Med-Surg ICU	0.495833333
## 1880	Accident & Emergency	admit	Neuro ICU	0.112500000
## 1882	Accident & Emergency	admit	Med-Surg ICU	0.116666667
## 1883	Accident & Emergency	admit	Med-Surg ICU	0.006250000
## 1884	Accident & Emergency	admit	Med-Surg ICU	0.205555556
## 1885	Accident & Emergency	admit	MICU	0.150000000
## 1886	Accident & Emergency	admit	CCU-CTICU	0.740972222
## 1887	Accident & Emergency	admit	Med-Surg ICU	0.064583333
## 1888	Accident & Emergency	admit	Med-Surg ICU	0.031944444
## 1889	Floor	admit	Med-Surg ICU	5.807638889
## 1890	Accident & Emergency	admit	CCU-CTICU	0.089583333
## 1891	Operating Room / Recovery	admit	Med-Surg ICU	11.787500000
## 1892	Floor	admit	CCU-CTICU	1.252777778
## 1893	Accident & Emergency	admit	Med-Surg ICU	0.000694444
## 1895	Other ICU	transfer	MICU	0.365972222
## 1896	Floor	admit	Med-Surg ICU	1.027083333
## 1897	Accident & Emergency	admit	Med-Surg ICU	0.030555556
## 1898	Accident & Emergency	admit	Med-Surg ICU	0.099305556



## 1899	Accident & Emergency	admit	SICU	0.163888889
## 1901	Accident & Emergency	admit	Med-Surg ICU	0.013194444
## 1902	Operating Room / Recovery	admit	CTICU	6.575694444
## 1903	Accident & Emergency	admit	MICU	0.077777778
## 1904	Operating Room / Recovery	admit	CTICU	0.658333333
## 1905	Accident & Emergency	admit	Med-Surg ICU	0.086805556
## 1906	Accident & Emergency	admit	Med-Surg ICU	0.385416667
## 1907	Operating Room / Recovery	admit	Med-Surg ICU	0.342361111
## 1909	Accident & Emergency	admit	Med-Surg ICU	1.009722222
## 1911	Operating Room / Recovery	admit	Med-Surg ICU	0.395138889
## 1912	Accident & Emergency	admit	Med-Surg ICU	0.124305556
## 1913	Operating Room / Recovery	admit	Neuro ICU	0.166666667
## 1914	Accident & Emergency	transfer	MICU	0.088888889
## 1915	Accident & Emergency	admit	Neuro ICU	0.000000000
## 1916	Accident & Emergency	admit	Med-Surg ICU	0.217361111
## 1917	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 1918	Other Hospital	admit	SICU	0.003472222
## 1919	Operating Room / Recovery	admit	Med-Surg ICU	5.415972222
## 1920	Accident & Emergency	admit	Med-Surg ICU	0.239583333
## 1923	Accident & Emergency	admit	CSICU	0.100000000
## 1924	Accident & Emergency	admit	Med-Surg ICU	0.288888889
## 1925	Accident & Emergency	admit	Med-Surg ICU	0.045138889
## 1926	Other ICU	admit	SICU	0.000000000
## 1927	Accident & Emergency	admit	SICU	0.215277778
## 1928	Accident & Emergency	admit	SICU	0.186111111
## 1931	Operating Room / Recovery	admit	CTICU	0.000694444
## 1932	Operating Room / Recovery	admit	SICU	0.697916667
## 1933	Accident & Emergency	admit	Med-Surg ICU	0.086111111
## 1934	Accident & Emergency	admit	Neuro ICU	0.162500000
## 1935	Accident & Emergency	admit	Med-Surg ICU	0.254861111
## 1936	Operating Room / Recovery	admit	CSICU	0.000694444
## 1937	Accident & Emergency	admit	Med-Surg ICU	-1.254861111
## 1938	Accident & Emergency	admit	Cardiac ICU	0.011111111
## 1939	Operating Room / Recovery	transfer	Med-Surg ICU	0.550000000
## 1940	Accident & Emergency	admit	Med-Surg ICU	0.008333333
## 1941	Accident & Emergency	admit	Med-Surg ICU	0.002777778
## 1942	Accident & Emergency	admit	Med-Surg ICU	0.143750000
## 1943	Floor	admit	Cardiac ICU	0.105555556
## 1944	Floor	admit	Cardiac ICU	1.021527778
## 1946	Accident & Emergency	admit	Med-Surg ICU	0.007638889
## 1947	Accident & Emergency	admit	MICU	0.000000000
## 1948	Operating Room / Recovery	admit	CCU-CTICU	0.199305556
## 1949	Accident & Emergency	admit	Med-Surg ICU	0.146527778
## 1950	Accident & Emergency	admit	Med-Surg ICU	0.279166667
## 1952	Accident & Emergency	admit	CSICU	0.216666667
## 1953	Accident & Emergency	admit	Med-Surg ICU	0.056944444
## 1955	Floor	admit	Med-Surg ICU	2.360416667
## 1956	Floor	admit	Med-Surg ICU	0.000694444
## 1957	Accident & Emergency	admit	Med-Surg ICU	0.088194444
## 1958	Floor	admit	MICU	2.648611111
## 1959	Accident & Emergency	admit	Med-Surg ICU	0.225694444
## 1960	Floor	admit	CCU-CTICU	13.206250000
## 1962	Floor	transfer	Med-Surg ICU	0.301388889
## 1965	Accident & Emergency	admit	Neuro ICU	0.031944444

## 1967	Accident & Emergency	admit	MICU	0.238194444
## 1968	Other Hospital	admit	MICU	0.043750000
## 1969	Accident & Emergency	admit	Med-Surg ICU	0.169444444
## 1970	Accident & Emergency	admit	Neuro ICU	0.243055556
## 1971	Operating Room / Recovery	admit	CCU-CTICU	0.452083333
## 1973	Accident & Emergency	admit	Neuro ICU	0.132638889
## 1975	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 1978	Operating Room / Recovery	admit	Med-Surg ICU	0.271527778
## 1979	Operating Room / Recovery	admit	Med-Surg ICU	0.494444444
## 1981	Floor	admit	Med-Surg ICU	1.152777778
## 1982	Accident & Emergency	admit	Med-Surg ICU	0.028472222
## 1983	Operating Room / Recovery	admit	CTICU	5.825000000
## 1984	Accident & Emergency	admit	Med-Surg ICU	0.012500000
## 1986	Accident & Emergency	admit	SICU	0.008333333
## 1988	Operating Room / Recovery	admit	Neuro ICU	0.331250000
## 1989	Operating Room / Recovery	admit	Med-Surg ICU	4.190277778
## 1990	Operating Room / Recovery	admit	CCU-CTICU	0.241666667
## 1991	Accident & Emergency	admit	CCU-CTICU	0.143055556
## 1992	Accident & Emergency	transfer	MICU	0.085416667
## 1993	Other Hospital	admit	Neuro ICU	0.009027778
## 1994	Accident & Emergency	admit	Med-Surg ICU	0.002777778
## 1995	Accident & Emergency	admit	Med-Surg ICU	0.011111111
## 1996	Accident & Emergency	admit	MICU	0.034027778
## 1997	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 1999	Accident & Emergency	admit	SICU	0.273611111
## 2000	Other Hospital	admit	Med-Surg ICU	0.002777778
## 2001	Accident & Emergency	admit	CCU-CTICU	0.005555556
## 2002	Accident & Emergency	admit	CCU-CTICU	0.407638889
## 2003	Accident & Emergency	admit	Med-Surg ICU	0.159722222
## 2004	Operating Room / Recovery	admit	Med-Surg ICU	0.486111111
## 2005	Accident & Emergency	admit	Med-Surg ICU	0.146527778
## 2006	Floor	admit	Med-Surg ICU	2.176388889
## 2007	Operating Room / Recovery	admit	Med-Surg ICU	0.283333333
## 2008	Accident & Emergency	admit	Med-Surg ICU	0.038888889
## 2009	Accident & Emergency	admit	Med-Surg ICU	0.205555556
## 2010	Floor	admit	Med-Surg ICU	1.365972222
## 2011	Floor	admit	CCU-CTICU	0.489583333
## 2014	Floor	admit	MICU	2.088194444
## 2015	Operating Room / Recovery	admit	Med-Surg ICU	3.863888889
## 2016	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 2017	Operating Room / Recovery	transfer	Med-Surg ICU	0.269444444
## 2018	Accident & Emergency	admit	CCU-CTICU	0.068750000
## 2019	Accident & Emergency	admit	Med-Surg ICU	0.082638889
## 2020	Accident & Emergency	admit	Med-Surg ICU	0.075694444
## 2024	Other Hospital	admit	Cardiac ICU	0.029166667
## 2025	Floor	transfer	Med-Surg ICU	1.227777778
## 2027	Accident & Emergency	admit	CCU-CTICU	0.137500000
## 2028	Accident & Emergency	admit	Med-Surg ICU	0.317361111
## 2029	Other Hospital	admit	CSICU	0.637500000
## 2030	Accident & Emergency	admit	Cardiac ICU	0.075000000
## 2031	Accident & Emergency	admit	Med-Surg ICU	0.079861111
## 2032	Accident & Emergency	admit	Med-Surg ICU	0.004861111
## 2033	Floor	admit	Med-Surg ICU	0.477083333
## 2034	Accident & Emergency	admit	Med-Surg ICU	0.304861111

## 2035	Accident & Emergency	admit	MICU	0.043750000
## 2036	Operating Room / Recovery	admit	CTICU	3.090277778
## 2037	Floor	admit	Med-Surg ICU	0.647916667
## 2038	Accident & Emergency	admit	CCU-CTICU	0.136111111
## 2039	Accident & Emergency	admit	Med-Surg ICU	0.363888889
## 2040	Accident & Emergency	admit	Med-Surg ICU	0.498611111
## 2041	Floor	admit	Med-Surg ICU	0.809027778
## 2042	Floor	admit	Med-Surg ICU	0.685416667
## 2043	Operating Room / Recovery	admit	Med-Surg ICU	0.243750000
## 2045	Accident & Emergency	admit	Cardiac ICU	0.997916667
## 2047	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 2048	Floor	admit	SICU	0.558333333
## 2049	Accident & Emergency	admit	Med-Surg ICU	0.076388889
## 2050	Floor	admit	Med-Surg ICU	1.336111111
## 2051	Accident & Emergency	admit	Med-Surg ICU	0.185416667
## 2052	Accident & Emergency	transfer	MICU	0.206944444
## 2054	Operating Room / Recovery	admit	CTICU	3.076388889
## 2055	Accident & Emergency	admit	CCU-CTICU	0.015972222
## 2057	Operating Room / Recovery	transfer	Med-Surg ICU	6.609027778
## 2058	Accident & Emergency	transfer	Med-Surg ICU	0.005555556
## 2059	Accident & Emergency	admit	Cardiac ICU	0.030555556
## 2060	Operating Room / Recovery	admit	Neuro ICU	4.155555556
## 2062	Floor	admit	CSICU	0.810416667
## 2063	Accident & Emergency	admit	Med-Surg ICU	0.041666667
## 2064	Accident & Emergency	admit	Med-Surg ICU	0.199305556
## 2065	Accident & Emergency	admit	Med-Surg ICU	0.002083333
## 2067	Accident & Emergency	admit	MICU	0.223611111
## 2068	Accident & Emergency	admit	Med-Surg ICU	0.056250000
## 2069	Accident & Emergency	admit	Med-Surg ICU	0.008333333
## 2070	Floor	admit	CTICU	1.209027778
## 2071	Operating Room / Recovery	admit	CTICU	0.008333333
## 2072	Operating Room / Recovery	transfer	Med-Surg ICU	0.376388889
## 2074	Floor	transfer	CCU-CTICU	4.325694444
## 2075	Accident & Emergency	admit	MICU	0.006250000
## 2077	Accident & Emergency	admit	MICU	0.080555556
## 2078	Accident & Emergency	admit	Med-Surg ICU	0.038194444
## 2079	Floor	admit	Med-Surg ICU	4.327083333
## 2080	Accident & Emergency	admit	Med-Surg ICU	0.027777778
## 2081	Accident & Emergency	admit	Med-Surg ICU	0.152777778
## 2082	Accident & Emergency	admit	CCU-CTICU	0.000000000
## 2083	Accident & Emergency	admit	Med-Surg ICU	0.054166667
## 2084	Operating Room / Recovery	admit	CTICU	0.316666667
## 2085	Accident & Emergency	admit	CCU-CTICU	0.000000000
## 2086	Accident & Emergency	admit	MICU	0.124305556
## 2087	Floor	admit	Med-Surg ICU	0.618750000
## 2088	Accident & Emergency	admit	SICU	0.216666667
## 2090	Operating Room / Recovery	admit	CTICU	0.438194444
## 2092	Accident & Emergency	admit	MICU	0.129166667
## 2093	Floor	admit	Neuro ICU	0.911111111
## 2094	Accident & Emergency	admit	Med-Surg ICU	0.156944444
## 2095	Accident & Emergency	admit	Med-Surg ICU	0.182638889
## 2096	Accident & Emergency	admit	Med-Surg ICU	0.280555556
## 2097	Accident & Emergency	admit	SICU	0.664583333
## 2099	Accident & Emergency	admit	Med-Surg ICU	0.081250000

## 2100	Floor	admit	MICU	4.963888889
## 2101	Accident & Emergency	admit	Neuro ICU	0.196527778
## 2103	Accident & Emergency	admit	MICU	0.074305556
## 2105	Floor	admit	Med-Surg ICU	0.381250000
## 2106	Accident & Emergency	transfer	Med-Surg ICU	0.220138889
## 2107	Accident & Emergency	admit	Neuro ICU	0.123611111
## 2108	Other Hospital	admit	Med-Surg ICU	0.000000000
## 2110	Operating Room / Recovery	admit	Neuro ICU	0.181250000
## 2111	Accident & Emergency	admit	CCU-CTICU	0.011805556
## 2112	Floor	admit	Med-Surg ICU	4.293750000
## 2113	Accident & Emergency	admit	MICU	0.050694444
## 2114	Accident & Emergency	admit	Med-Surg ICU	0.047222222
## 2115	Accident & Emergency	admit	CCU-CTICU	0.002083333
## 2117	Accident & Emergency	admit	Neuro ICU	0.359722222
## 2118	Accident & Emergency	transfer	MICU	0.127777778
## 2119	Accident & Emergency	admit	Med-Surg ICU	0.215972222
## 2120	Accident & Emergency	admit	Med-Surg ICU	0.156250000
## 2122	Floor	transfer	Neuro ICU	2.936805556
## 2123	Operating Room / Recovery	admit	Med-Surg ICU	24.450694440
## 2124	Accident & Emergency	admit	Med-Surg ICU	0.065277778
## 2125	Accident & Emergency	admit	Med-Surg ICU	0.011805556
## 2126	Accident & Emergency	admit	Neuro ICU	0.000000000
## 2127	Accident & Emergency	admit	Neuro ICU	0.147916667
## 2128	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 2130	Accident & Emergency	admit	CSICU	0.115972222
## 2131	Accident & Emergency	admit	Med-Surg ICU	0.044444444
## 2132	Operating Room / Recovery	admit	CTICU	1.677777778
## 2133	Accident & Emergency	admit	CCU-CTICU	0.143055556
## 2134	Accident & Emergency	admit	CCU-CTICU	0.000000000
## 2135	Floor	transfer	Med-Surg ICU	3.866666667
## 2136	Accident & Emergency	transfer	Med-Surg ICU	0.052777778
## 2137	Accident & Emergency	admit	Neuro ICU	0.141666667
## 2138	Operating Room / Recovery	admit	SICU	1.309722222
## 2139	Accident & Emergency	admit	Med-Surg ICU	0.245833333
## 2140	Accident & Emergency	admit	CTICU	0.002777778
## 2141	Floor	admit	Med-Surg ICU	0.433333333
## 2142	Accident & Emergency	admit	SICU	0.048611111
## 2143	Operating Room / Recovery	admit	CCU-CTICU	0.002777778
## 2144	Accident & Emergency	admit	Neuro ICU	0.047222222
## 2145	Operating Room / Recovery	admit	Med-Surg ICU	0.065277778
## 2146	Operating Room / Recovery	admit	CTICU	0.388888889
## 2147	Operating Room / Recovery	admit	Med-Surg ICU	0.003472222
## 2148	Operating Room / Recovery	admit	CTICU	0.069444444
## 2150	Accident & Emergency	admit	Med-Surg ICU	0.095138889
## 2151	Floor	transfer	Med-Surg ICU	0.318055556
## 2153	Operating Room / Recovery	admit	Med-Surg ICU	0.493055556
## 2155	Accident & Emergency	admit	Med-Surg ICU	0.060416667
## 2157	Accident & Emergency	admit	MICU	0.002083333
## 2158	Floor	admit	Med-Surg ICU	0.436805556
## 2159	Operating Room / Recovery	admit	Med-Surg ICU	6.702083333
## 2160	Accident & Emergency	admit	Med-Surg ICU	0.013888889
## 2161	Floor	admit	Med-Surg ICU	0.084722222
## 2162	Accident & Emergency	admit	Med-Surg ICU	-11.409722220
## 2163	Accident & Emergency	admit	SICU	0.034722222

## 2164	Floor	admit Med-Surg ICU	1.195833333
## 2165	Accident & Emergency	admit MICU	0.018055556
## 2166	Floor	admit Med-Surg ICU	2.107638889
## 2167	Accident & Emergency	admit Med-Surg ICU	0.043750000
## 2168	Accident & Emergency	admit CSICU	0.155555556
## 2169	Operating Room / Recovery	admit Med-Surg ICU	6.042361111
## 2170	Accident & Emergency	admit Med-Surg ICU	0.129166667
## 2171	Floor	admit Med-Surg ICU	0.299305556
## 2172	Accident & Emergency	admit Med-Surg ICU	0.014583333
## 2174	Accident & Emergency	admit Med-Surg ICU	0.162500000
## 2175	Accident & Emergency	admit Neuro ICU	0.090972222
## 2176	Accident & Emergency	admit Med-Surg ICU	0.059722222
## 2177	Accident & Emergency	admit Med-Surg ICU	0.729861111
## 2178	Accident & Emergency	admit Med-Surg ICU	0.000000000
## 2179	Floor	admit Med-Surg ICU	8.208333333
## 2180	Accident & Emergency	admit Med-Surg ICU	0.142361111
## 2181	Accident & Emergency	admit Med-Surg ICU	0.061111111
## 2182	Floor	admit Neuro ICU	0.772222222
## 2184	Operating Room / Recovery	admit Neuro ICU	9.119444444
## 2185	Accident & Emergency	admit Med-Surg ICU	0.009722222
## 2187	Accident & Emergency	admit Med-Surg ICU	0.128472222
## 2188	Operating Room / Recovery	admit CCU-CTICU	2.618750000
## 2189	Accident & Emergency	admit Med-Surg ICU	0.000694444
## 2190	Accident & Emergency	admit Med-Surg ICU	0.043055556
## 2195	Accident & Emergency	admit Cardiac ICU	0.122916667
## 2196	Accident & Emergency	admit Med-Surg ICU	0.172916667
## 2197	Accident & Emergency	admit Neuro ICU	0.003472222
## 2198	Accident & Emergency	admit Med-Surg ICU	0.233333333
## 2199	Accident & Emergency	admit Neuro ICU	0.010416667
## 2200	Accident & Emergency	admit Med-Surg ICU	0.204166667
## 2201	Accident & Emergency	admit Neuro ICU	0.008333333
## 2202	Accident & Emergency	admit Neuro ICU	0.006250000
## 2203	Accident & Emergency	admit Med-Surg ICU	0.009027778
## 2204	Floor	admit Med-Surg ICU	7.509722222
## 2205	Accident & Emergency	admit Med-Surg ICU	0.254166667
## 2206	Accident & Emergency	admit MICU	0.018055556
## 2207	Accident & Emergency	admit Med-Surg ICU	0.136805556
## 2208	Floor	admit CCU-CTICU	0.604861111
## 2209	Accident & Emergency	admit Med-Surg ICU	0.000000000
## 2210	Accident & Emergency	admit Neuro ICU	0.000000000
## 2211	Operating Room / Recovery	admit SICU	5.244444444
## 2212	Accident & Emergency	admit CSICU	0.079861111
## 2213	Accident & Emergency	admit Med-Surg ICU	0.002777778
## 2214	Floor	admit Cardiac ICU	0.298611111
## 2215	Floor	admit Med-Surg ICU	0.924305556
## 2216	Accident & Emergency	admit CSICU	0.036111111
## 2218	Operating Room / Recovery	admit CCU-CTICU	0.553472222
## 2219	Accident & Emergency	admit SICU	0.318055556
## 2220	Accident & Emergency	admit MICU	10.100694440
## 2221	Operating Room / Recovery	admit SICU	0.438194444
## 2223	Accident & Emergency	admit Med-Surg ICU	0.036805556
## 2224	Floor	admit Med-Surg ICU	2.527777778
## 2225	Operating Room / Recovery	admit CCU-CTICU	1.115277778
## 2226	Operating Room / Recovery	admit Med-Surg ICU	1.169444444

## 2227	Accident & Emergency	admit Med-Surg ICU	0.084722222
## 2229	Accident & Emergency	admit MICU	0.061805556
## 2231	Accident & Emergency	admit Med-Surg ICU	0.051388889
## 2232	Floor	admit Med-Surg ICU	4.511111111
## 2234	Accident & Emergency	admit Cardiac ICU	0.075694444
## 2235	Accident & Emergency	admit Cardiac ICU	0.004166667
## 2238	Accident & Emergency	admit Med-Surg ICU	0.293750000
## 2240	Accident & Emergency	admit Med-Surg ICU	0.025694444
## 2241	Accident & Emergency	admit Med-Surg ICU	0.122916667
## 2243	Accident & Emergency	admit Cardiac ICU	0.120833333
## 2244	Accident & Emergency	admit Med-Surg ICU	0.124305556
## 2245	Accident & Emergency	admit Med-Surg ICU	0.009027778
## 2246	Floor	admit Med-Surg ICU	8.933333333
## 2247	Accident & Emergency	admit Med-Surg ICU	0.302777778
## 2249	Accident & Emergency	admit Med-Surg ICU	0.029166667
## 2250	Operating Room / Recovery	admit Med-Surg ICU	6.721527778
## 2251	Accident & Emergency	admit Med-Surg ICU	0.309027778
## 2252	Accident & Emergency	admit Neuro ICU	0.003472222
## 2253	Floor	transfer Med-Surg ICU	21.894444440
## 2254	Accident & Emergency	admit Med-Surg ICU	0.065277778
## 2255	Accident & Emergency	admit Med-Surg ICU	0.099305556
## 2256	Accident & Emergency	admit Med-Surg ICU	0.000694444
## 2258	Operating Room / Recovery	admit SICU	3.270833333
## 2259	Accident & Emergency	admit Med-Surg ICU	0.084027778
## 2260	Accident & Emergency	admit Med-Surg ICU	0.011111111
## 2261	Accident & Emergency	admit Neuro ICU	0.006944444
## 2262	Accident & Emergency	admit Med-Surg ICU	0.004861111
## 2263	Accident & Emergency	admit Med-Surg ICU	0.012500000
## 2266	Accident & Emergency	admit Med-Surg ICU	0.038888889
## 2267	Accident & Emergency	admit Med-Surg ICU	0.443055556
## 2269	Accident & Emergency	admit Cardiac ICU	0.109027778
## 2270	Accident & Emergency	transfer MICU	0.358333333
## 2272	Operating Room / Recovery	admit CSICU	0.818055556
## 2273	Accident & Emergency	admit Med-Surg ICU	0.050000000
## 2274	Other ICU	admit SICU	0.000000000
## 2275	Accident & Emergency	admit Med-Surg ICU	0.166666667
## 2276	Other Hospital	admit CCU-CTICU	0.004166667
## 2277	Accident & Emergency	admit Med-Surg ICU	0.012500000
## 2278	Accident & Emergency	admit Med-Surg ICU	0.293055556
## 2281	Accident & Emergency	admit Med-Surg ICU	0.067361111
## 2282	Accident & Emergency	admit Med-Surg ICU	0.104861111
## 2285	Operating Room / Recovery	admit Cardiac ICU	6.077083333
## 2286	Accident & Emergency	admit CSICU	0.077083333
## 2287	Operating Room / Recovery	admit Med-Surg ICU	0.220833333
## 2288	Accident & Emergency	admit MICU	0.052083333
## 2289	Operating Room / Recovery	admit Med-Surg ICU	0.000694444
## 2290	Operating Room / Recovery	admit Med-Surg ICU	1.890277778
## 2294	Accident & Emergency	admit MICU	0.049305556
## 2296	Accident & Emergency	admit Med-Surg ICU	0.187500000
## 2297	Accident & Emergency	admit Med-Surg ICU	0.061805556
## 2299	Floor	admit SICU	0.799305556
## 2300	Accident & Emergency	admit Med-Surg ICU	0.197916667
## 2301	Accident & Emergency	admit MICU	0.134722222
## 2302	Accident & Emergency	admit Med-Surg ICU	0.031944444

## 2303	Accident & Emergency	admit	Cardiac ICU	0.004861111
## 2304	Floor	admit	Med-Surg ICU	0.063888889
## 2305	Operating Room / Recovery	admit	Cardiac ICU	0.434027778
## 2307	Floor	admit	CCU-CTICU	0.938194444
## 2308	Accident & Emergency	admit	Med-Surg ICU	0.032638889
## 2309	Accident & Emergency	admit	Med-Surg ICU	0.008333333
## 2310	Accident & Emergency	admit	Med-Surg ICU	0.227083333
## 2312	Floor	admit	Med-Surg ICU	0.875000000
## 2314	Operating Room / Recovery	admit	Med-Surg ICU	0.217361111
## 2315	Floor	admit	Med-Surg ICU	7.475000000
## 2316	Accident & Emergency	admit	Med-Surg ICU	0.003472222
## 2317	Accident & Emergency	admit	Med-Surg ICU	0.008333333
## 2318	Operating Room / Recovery	admit	CSICU	0.329166667
## 2320	Floor	admit	Med-Surg ICU	0.009027778
## 2322	Accident & Emergency	admit	CCU-CTICU	0.086805556
## 2323	Operating Room / Recovery	admit	CSICU	0.012500000
## 2324	Operating Room / Recovery	admit	CCU-CTICU	4.642361111
## 2327	Floor	admit	Med-Surg ICU	0.071527778
## 2328	Accident & Emergency	transfer	CCU-CTICU	0.184027778
## 2329	Operating Room / Recovery	admit	SICU	2.143055556
## 2330	Accident & Emergency	admit	SICU	0.038194444
## 2331	Accident & Emergency	admit	Med-Surg ICU	0.047222222
## 2333	Accident & Emergency	transfer	MICU	0.886805556
## 2335	Accident & Emergency	admit	CSICU	0.072222222
## 2336	Accident & Emergency	admit	Neuro ICU	0.333333333
## 2339	Floor	admit	CCU-CTICU	6.186805556
## 2340	Accident & Emergency	admit	Med-Surg ICU	0.063194444
## 2341	Accident & Emergency	admit	MICU	0.122222222
## 2342	Accident & Emergency	admit	Med-Surg ICU	0.022916667
## 2343	Accident & Emergency	admit	Med-Surg ICU	0.063194444
## 2344	Accident & Emergency	admit	MICU	0.145833333
## 2347	Accident & Emergency	admit	Med-Surg ICU	0.178472222
## 2348	Operating Room / Recovery	transfer	CSICU	1.422916667
## 2349	Accident & Emergency	transfer	CCU-CTICU	0.098611111
## 2350	Accident & Emergency	admit	MICU	0.678472222
## 2352	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 2354	Accident & Emergency	admit	Neuro ICU	0.061111111
## 2355	Operating Room / Recovery	admit	CSICU	0.304861111
## 2356	Accident & Emergency	admit	Med-Surg ICU	0.243055556
## 2357	Operating Room / Recovery	admit	CCU-CTICU	0.323611111
## 2358	Accident & Emergency	admit	Neuro ICU	0.095138889
## 2359	Operating Room / Recovery	admit	Cardiac ICU	0.407638889
## 2360	Floor	admit	Med-Surg ICU	0.061805556
## 2361	Accident & Emergency	admit	Med-Surg ICU	0.140972222
## 2363	Accident & Emergency	admit	Med-Surg ICU	0.019444444
## 2364	Accident & Emergency	admit	CTICU	0.143055556
## 2365	Accident & Emergency	admit	Med-Surg ICU	0.000000000
## 2368	Accident & Emergency	admit	Med-Surg ICU	0.127777778
## 2369	Accident & Emergency	admit	Med-Surg ICU	0.018055556
## 2370	Operating Room / Recovery	admit	MICU	1.709027778
## 2371	Accident & Emergency	transfer	CCU-CTICU	0.079861111
## 2372	Accident & Emergency	admit	Med-Surg ICU	0.241666667
## 2373	Accident & Emergency	admit	Neuro ICU	0.078472222
## 2374	Accident & Emergency	admit	MICU	0.297222222

## 2375	Accident & Emergency	admit	Cardiac ICU	0.760416667
## 2376	Accident & Emergency	admit	MICU	0.042361111
## 2377	Operating Room / Recovery	admit	Med-Surg ICU	0.000000000
## 2378	Operating Room / Recovery	admit	CTICU	0.366666667
## 2379	Operating Room / Recovery	admit	CTICU	0.000000000
## 2381	Accident & Emergency	admit	Med-Surg ICU	0.432638889
## 2382	Floor	admit	Med-Surg ICU	0.804166667
## 2383	Accident & Emergency	admit	Med-Surg ICU	0.209722222
## 2384	Accident & Emergency	admit	Med-Surg ICU	0.061111111
## 2385	Floor	admit	Med-Surg ICU	-0.086805556
## 2386	Accident & Emergency	admit	SICU	0.070138889
## 2387	Accident & Emergency	admit	Med-Surg ICU	0.197222222
## 2388	Accident & Emergency	admit	Med-Surg ICU	0.534722222
## 2390	Operating Room / Recovery	admit	Med-Surg ICU	0.181944444
## 2391	Floor	admit	Med-Surg ICU	0.336805556
## 2393	Accident & Emergency	admit	Med-Surg ICU	0.236111111
## 2394	Accident & Emergency	admit	Cardiac ICU	0.132638889
## 2395	Operating Room / Recovery	admit	CTICU	2.132638889
## 2397	Accident & Emergency	admit	Med-Surg ICU	0.136111111
## 2398	Operating Room / Recovery	admit	CCU-CTICU	0.285416667
## 2399	Accident & Emergency	admit	Med-Surg ICU	0.129861111
## 2400	Accident & Emergency	admit	Med-Surg ICU	0.186111111
## 2401	Accident & Emergency	admit	Med-Surg ICU	0.066666667
## 2402	Accident & Emergency	admit	Med-Surg ICU	2.730555556
## 2404	Operating Room / Recovery	admit	Med-Surg ICU	0.000000000
## 2407	Accident & Emergency	admit	Cardiac ICU	0.237500000
## 2412	Accident & Emergency	admit	Med-Surg ICU	0.102083333
## 2413	Operating Room / Recovery	admit	CCU-CTICU	0.389583333
## 2414	Accident & Emergency	admit	Med-Surg ICU	0.122916667
## 2415	Other Hospital	admit	Cardiac ICU	0.003472222
## 2416	Floor	admit	MICU	35.572222220
## 2417	Operating Room / Recovery	admit	Med-Surg ICU	1.300000000
## 2419	Operating Room / Recovery	admit	CCU-CTICU	1.933333333
## 2421	Accident & Emergency	transfer	Neuro ICU	0.059027778
## 2422	Accident & Emergency	transfer	Med-Surg ICU	0.156250000
## 2423	Operating Room / Recovery	admit	Neuro ICU	0.230555556
## 2424	Accident & Emergency	admit	MICU	0.001388889
## 2425	Accident & Emergency	admit	MICU	0.145138889
## 2427	Accident & Emergency	admit	Med-Surg ICU	0.053472222
## 2428	Accident & Emergency	admit	Neuro ICU	0.108333333
## 2429	Accident & Emergency	admit	Med-Surg ICU	0.043750000
## 2431	Operating Room / Recovery	admit	CCU-CTICU	0.018055556
## 2432	Accident & Emergency	admit	Med-Surg ICU	0.034027778
## 2433	Floor	admit	Med-Surg ICU	3.368055556
## 2434	Accident & Emergency	admit	CSICU	0.027083333
## 2437	Accident & Emergency	admit	Med-Surg ICU	0.003472222
## 2438	Operating Room / Recovery	admit	Med-Surg ICU	0.001388889
## 2440	Accident & Emergency	admit	Med-Surg ICU	0.131250000
##	weight apache_2_diagnosis apache_post_operative arf_apache gcs_eyes_apache			
## 1	90.70 113	0	0	3
## 2	75.00 208	1	0	1
## 3	111.10 113	0	0	4
## 4	62.00 112	0	0	4
## 6	74.16 113	0	0	4



## 7	79.40	120	0	0	3
## 8	74.40	203	1	0	4
## 9	92.40	305	0	0	4
## 10	82.30	112	0	0	4
## 11	108.86	123	0	0	4
## 12	47.00	123	0	0	4
## 13	73.00	202	1	0	4
## 15	77.00	113	0	0	4
## 17	71.40	302	0	0	4
## 18	62.30	308	1	0	4
## 19	119.20	122	0	0	4
## 20	58.50	108	0	0	4
## 21	165.60	212	1	0	4
## 22	58.40	304	0	0	4
## 23	77.00	113	0	0	4
## 24	69.30	301	0	0	4
## 25	102.00	113	0	0	4
## 27	86.00	121	0	0	1
## 30	156.40	308	1	0	4
## 31	52.70	118	0	0	4
## 32	74.80	122	0	0	4
## 33	122.40	124	0	0	4
## 34	67.50	301	0	0	4
## 35	80.30	119	0	0	4
## 36	87.70	110	0	0	3
## 37	144.30	302	0	0	4
## 38	59.00	112	0	0	4
## 41	140.00	303	0	0	3
## 42	59.40	113	0	0	2
## 43	79.00	303	0	0	3
## 44	78.50	302	0	0	4
## 45	89.00	112	0	0	4
## 46	50.50	113	0	0	4
## 47	54.40	124	0	0	4
## 48	49.89	113	0	0	4
## 49	81.80	301	0	0	3
## 50	88.00	114	0	0	1
## 51	93.00	308	1	0	4
## 52	54.43	207	1	0	3
## 53	80.30	110	0	0	4
## 54	107.10	301	0	0	4
## 55	72.70	124	0	0	4
## 56	127.30	123	0	0	4
## 57	71.20	117	0	0	4
## 58	113.30	307	0	0	4
## 59	97.50	208	1	0	1
## 62	80.30	302	0	0	4
## 63	88.90	124	0	1	4
## 64	102.50	303	0	0	4
## 65	81.60	301	0	0	4
## 66	52.60	112	0	0	3
## 67	46.20	106	0	0	4
## 68	69.20	301	0	0	4
## 69	103.20	301	0	0	2

## 70	62.00	107	0	0	4
## 71	84.10	301	0	0	4
## 73	107.00	122	0	0	3
## 74	84.90	301	0	0	4
## 75	79.80	202	1	0	1
## 76	64.30	208	1	0	4
## 77	58.51	106	0	0	4
## 78	70.10	113	0	1	4
## 79	77.10	124	0	0	4
## 80	87.00	109	0	1	4
## 82	70.80	117	0	0	4
## 83	80.29	302	0	0	1
## 84	85.00	124	0	0	4
## 85	84.20	302	0	0	3
## 87	81.70	122	0	0	4
## 88	63.50	304	1	0	3
## 89	82.10	308	1	0	4
## 91	93.80	109	0	0	4
## 93	97.00	202	1	0	4
## 94	68.00	122	0	0	4
## 95	79.40	122	0	0	4
## 96	74.30	121	0	0	3
## 97	81.00	117	0	0	4
## 98	71.40	117	0	0	4
## 99	104.60	218	1	0	3
## 100	62.60	113	0	0	4
## 101	80.30	302	0	0	4
## 102	76.30	308	1	0	1
## 103	86.40	124	0	0	4
## 104	96.00	301	0	0	3
## 105	80.90	117	0	0	4
## 106	82.80	213	1	0	4
## 107	63.50	214	1	0	2
## 108	81.40	110	0	0	4
## 109	61.90	304	1	0	4
## 110	118.00	117	0	0	3
## 111	62.00	117	0	0	4
## 112	74.50	118	0	0	3
## 114	127.80	123	0	0	4
## 115	65.10	301	0	0	3
## 118	80.30	203	1	0	1
## 119	136.10	307	0	0	3
## 120	64.40	117	0	0	4
## 121	73.30	110	0	0	4
## 125	70.30	123	0	0	4
## 126	43.00	123	0	0	3
## 127	71.50	214	1	0	3
## 128	83.90	302	0	0	4
## 129	100.50	302	0	0	3
## 130	54.43	122	0	0	4
## 132	66.00	303	0	0	4
## 133	77.30	308	0	0	4
## 134	90.20	122	0	0	4
## 136	111.00	124	0	0	3

## 138	133.70	308	1	0	1
## 139	81.20	209	1	0	4
## 141	63.53	122	0	0	4
## 143	88.90	123	0	0	4
## 144	71.50	113	0	0	4
## 145	70.30	110	0	0	4
## 146	47.20	124	0	0	4
## 147	68.60	113	0	1	3
## 148	111.60	114	0	1	4
## 150	55.45	108	0	0	1
## 151	88.00	119	0	0	4
## 152	62.50	109	0	0	4
## 153	49.90	106	0	0	4
## 155	63.50	113	0	0	3
## 157	74.20	102	0	0	4
## 159	68.90	307	0	0	2
## 160	88.64	106	0	0	1
## 161	38.60	121	0	0	4
## 162	91.50	304	1	0	4
## 163	76.70	301	0	0	4
## 164	70.40	308	1	0	1
## 165	80.30	301	0	0	3
## 166	53.10	213	1	0	4
## 167	70.70	120	0	0	1
## 168	80.74	124	0	0	4
## 170	58.96	122	0	0	4
## 171	66.50	301	0	0	3
## 172	67.70	102	0	0	4
## 173	67.30	124	0	0	4
## 174	127.00	308	1	0	4
## 175	133.00	207	1	0	4
## 176	77.50	118	0	0	4
## 177	45.90	307	0	0	1
## 178	72.57	302	0	0	4
## 179	86.40	124	0	0	4
## 180	90.70	301	0	0	1
## 181	78.01	119	0	0	4
## 182	56.90	302	0	0	3
## 183	56.00	106	0	0	4
## 184	65.90	112	0	0	4
## 186	97.50	302	0	0	4
## 188	80.30	110	0	0	3
## 189	80.30	113	0	0	3
## 190	84.90	301	0	0	3
## 191	67.60	301	0	0	3
## 193	81.80	202	1	0	4
## 198	75.50	302	0	0	3
## 200	70.50	302	1	0	3
## 201	80.30	301	0	0	4
## 202	80.30	301	0	0	4
## 203	48.70	106	0	0	3
## 204	77.00	124	0	0	4
## 205	91.50	301	0	0	4
## 206	95.50	105	0	0	4

## 207	87.40	124	0	0	2
## 208	68.04	110	0	0	4
## 209	88.80	113	0	0	3
## 211	169.60	304	1	0	4
## 212	140.00	121	0	0	4
## 213	81.80	122	0	0	3
## 214	84.90	305	0	0	3
## 215	109.20	110	0	0	1
## 217	88.00	203	1	0	3
## 218	56.70	113	0	1	3
## 219	81.60	302	0	0	4
## 221	82.80	123	0	0	4
## 222	80.30	117	0	0	4
## 223	50.00	301	0	0	1
## 224	73.90	113	0	0	4
## 225	70.00	109	0	0	4
## 226	119.70	124	0	0	4
## 228	70.60	302	0	0	4
## 229	92.50	112	0	0	4
## 230	54.50	301	0	0	4
## 231	100.00	302	1	0	2
## 232	85.30	122	0	0	4
## 233	87.00	301	0	0	4
## 235	80.30	301	0	0	4
## 236	67.10	121	0	0	3
## 237	111.20	113	0	0	4
## 238	76.20	102	0	0	4
## 239	131.90	106	0	0	3
## 241	87.50	209	1	0	4
## 242	58.60	113	0	0	4
## 243	101.60	110	0	0	4
## 244	55.79	122	0	0	3
## 246	98.50	114	0	0	1
## 247	59.10	113	0	0	4
## 248	88.60	119	0	0	4
## 250	124.70	302	0	0	4
## 251	120.00	303	1	0	3
## 252	89.40	119	0	0	4
## 253	82.60	113	0	0	4
## 254	65.50	203	1	0	4
## 255	84.80	302	0	0	4
## 256	68.20	123	0	0	4
## 257	79.10	203	1	0	4
## 258	80.30	103	0	0	4
## 259	108.77	302	0	0	4
## 260	181.40	307	0	0	2
## 262	69.20	214	1	0	1
## 263	63.00	109	0	0	3
## 264	100.00	116	0	0	4
## 265	95.25	113	0	0	4
## 266	80.20	110	0	0	4
## 267	56.60	102	0	0	4
## 268	69.90	304	1	0	4
## 269	79.00	218	1	0	3

## 270	147.40	106	0	0	4
## 271	68.00	117	0	0	3
## 272	80.30	106	0	0	4
## 273	90.00	113	0	0	2
## 274	77.20	113	0	0	3
## 275	119.60	117	0	0	4
## 276	80.30	120	0	0	1
## 278	82.60	122	0	0	3
## 279	89.00	308	1	0	4
## 280	124.70	301	0	0	3
## 281	91.10	202	1	0	3
## 282	80.30	122	0	0	2
## 284	83.00	112	0	0	4
## 285	139.30	308	1	0	4
## 286	68.00	301	0	0	2
## 287	79.00	302	0	0	4
## 288	52.10	122	0	0	4
## 289	49.90	214	1	0	4
## 291	63.50	110	0	1	4
## 292	85.50	308	1	0	1
## 294	68.00	117	0	0	4
## 295	51.70	114	0	0	4
## 296	93.30	308	1	0	2
## 297	80.91	305	0	0	4
## 298	79.80	121	0	0	3
## 299	90.00	308	1	0	1
## 300	38.60	308	1	0	4
## 301	117.00	124	0	0	4
## 303	107.60	308	1	0	4
## 304	96.60	113	0	0	4
## 306	83.90	112	0	0	4
## 307	80.70	117	0	0	4
## 309	154.50	301	0	0	4
## 310	59.00	307	0	0	4
## 312	127.20	102	0	0	4
## 313	65.30	203	1	0	4
## 314	100.00	119	0	0	3
## 315	79.40	106	0	0	4
## 316	75.50	203	1	0	4
## 317	68.10	302	0	0	4
## 318	105.40	113	0	0	4
## 319	87.50	117	0	0	4
## 321	75.75	122	0	0	4
## 323	67.00	120	0	0	2
## 324	38.60	308	1	0	4
## 325	72.57	302	0	0	4
## 326	81.60	118	0	1	3
## 327	81.82	301	1	0	4
## 328	90.60	117	0	0	4
## 329	103.00	113	0	1	4
## 331	81.70	304	0	0	3
## 334	113.70	122	0	0	4
## 335	45.20	214	1	0	4
## 336	70.20	203	1	0	4

## 337	95.00	115	0	0	4
## 338	93.10	122	0	0	4
## 340	84.00	112	0	0	4
## 342	80.30	301	1	0	4
## 343	56.00	302	1	0	4
## 345	99.20	114	0	0	4
## 346	84.10	307	0	0	4
## 347	104.00	302	0	0	4
## 348	56.70	123	0	0	4
## 350	78.60	114	0	0	4
## 351	119.00	114	0	0	4
## 352	76.70	304	0	0	4
## 353	79.40	122	0	0	4
## 354	99.80	124	0	0	4
## 357	62.10	117	0	0	4
## 358	77.90	302	0	0	4
## 359	72.80	102	0	0	3
## 360	52.20	303	1	0	4
## 361	118.10	302	1	0	3
## 362	133.00	302	0	0	4
## 363	54.20	301	1	0	4
## 364	137.00	102	0	0	4
## 367	54.70	122	0	0	4
## 368	48.60	304	1	0	4
## 370	58.50	103	0	0	3
## 372	69.00	302	1	0	3
## 374	63.50	117	0	0	4
## 375	38.80	113	0	0	4
## 376	102.00	102	0	0	4
## 377	67.58	112	0	0	4
## 378	78.70	302	0	0	4
## 379	66.22	123	0	0	4
## 380	39.60	122	0	0	4
## 381	77.65	307	1	0	4
## 382	138.50	303	0	0	4
## 383	113.00	112	0	0	4
## 384	77.10	114	0	0	4
## 385	59.60	301	0	0	4
## 386	65.30	301	1	0	4
## 387	60.80	203	1	0	3
## 388	120.00	117	0	0	4
## 391	56.70	301	0	0	4
## 392	78.10	118	0	0	1
## 393	72.00	307	0	0	3
## 394	84.60	302	0	0	4
## 395	138.30	105	0	0	4
## 397	68.00	123	0	1	3
## 398	91.60	113	0	0	4
## 399	76.60	202	1	0	3
## 400	138.60	114	0	0	4
## 401	58.50	308	1	0	3
## 402	106.20	102	0	0	4
## 403	94.80	112	0	0	4
## 404	100.00	301	0	0	4

## 405	67.50	113	0	0	4
## 406	90.80	202	1	0	4
## 407	59.00	124	0	0	4
## 408	85.10	117	0	0	4
## 409	72.60	106	0	0	4
## 410	105.37	202	1	0	4
## 411	76.90	124	0	0	4
## 414	72.60	304	1	0	3
## 416	80.70	304	1	0	4
## 417	80.80	308	1	0	3
## 418	98.40	203	1	0	4
## 419	109.40	122	0	0	1
## 420	88.70	304	0	0	4
## 421	80.80	106	0	0	3
## 423	101.60	213	1	0	4
## 424	80.30	113	0	0	3
## 426	57.60	218	1	0	4
## 427	67.40	308	1	0	4
## 428	38.60	105	0	0	4
## 429	97.00	121	0	0	4
## 430	47.70	308	1	0	4
## 431	112.00	308	1	0	1
## 432	68.00	304	1	0	4
## 433	82.10	118	0	0	1
## 435	65.40	117	0	0	4
## 436	48.90	102	0	0	4
## 437	64.30	108	0	0	1
## 439	85.50	105	0	0	4
## 440	68.00	122	0	0	4
## 443	52.70	109	0	0	4
## 444	97.97	308	1	0	4
## 446	97.50	105	0	0	4
## 448	108.90	301	0	0	3
## 449	77.10	117	0	0	4
## 450	49.80	110	0	0	4
## 451	59.50	301	0	0	4
## 452	54.90	108	0	0	3
## 455	97.70	203	1	0	4
## 456	64.00	301	0	0	4
## 457	102.50	113	0	0	4
## 458	83.68	113	0	0	4
## 459	133.90	218	1	0	4
## 460	93.50	114	0	0	3
## 461	98.90	108	0	0	1
## 463	95.00	202	1	0	4
## 464	113.40	308	1	1	3
## 465	79.00	124	0	1	4
## 466	104.30	113	0	0	4
## 467	121.90	302	1	0	4
## 468	81.50	304	0	0	4
## 469	72.16	113	0	0	4
## 470	125.10	302	0	0	4
## 471	77.30	113	0	0	3
## 472	107.00	203	1	0	4

## 473	75.00	102	0	1	2
## 475	100.00	109	0	0	4
## 477	95.40	113	0	0	4
## 478	68.50	301	0	0	1
## 479	57.00	113	0	0	1
## 480	84.40	102	0	0	4
## 481	87.60	302	0	0	4
## 482	87.70	301	0	0	3
## 483	56.90	302	0	1	4
## 484	186.00	113	0	0	4
## 485	54.90	124	0	0	4
## 486	124.50	202	1	0	3
## 487	76.70	307	0	0	4
## 488	66.00	124	0	0	4
## 489	77.00	302	0	0	4
## 490	73.00	203	1	0	3
## 491	87.00	301	0	0	1
## 492	75.30	302	0	0	4
## 494	73.70	119	0	0	1
## 495	101.20	108	0	0	1
## 496	93.20	117	0	0	4
## 497	83.90	306	0	0	4
## 498	59.80	112	0	0	4
## 499	53.50	110	0	0	4
## 500	84.00	112	0	0	4
## 501	90.70	118	0	0	1
## 504	104.30	101	0	0	4
## 505	133.00	114	0	0	4
## 507	77.00	218	1	0	3
## 509	75.00	114	0	0	1
## 510	45.30	113	0	0	1
## 511	63.50	122	0	0	4
## 514	75.30	122	0	0	4
## 515	109.90	105	0	0	4
## 516	97.00	114	0	0	1
## 517	79.50	102	0	0	3
## 518	82.60	109	0	0	4
## 519	106.10	303	0	0	4
## 520	66.50	302	0	0	4
## 522	72.57	113	0	0	4
## 523	90.90	106	0	0	4
## 525	66.00	123	0	0	4
## 527	50.00	113	0	0	2
## 528	53.90	301	0	0	3
## 529	61.20	301	0	0	4
## 530	116.20	308	1	0	4
## 531	62.90	303	0	0	4
## 532	79.30	122	0	0	3
## 533	52.20	304	1	0	3
## 534	104.70	113	0	0	4
## 535	65.10	114	0	1	1
## 537	64.40	202	1	0	4
## 538	74.80	103	0	0	4
## 539	93.20	308	1	0	4



## 540	57.20	106	0	0	4
## 541	59.40	118	0	0	4
## 542	42.30	301	0	0	3
## 544	98.90	308	1	0	4
## 545	85.50	112	0	0	4
## 546	59.80	305	0	0	4
## 551	74.60	301	0	0	3
## 552	80.90	112	0	0	4
## 553	59.90	304	1	0	2
## 554	58.00	106	0	0	4
## 557	109.80	113	0	0	2
## 558	82.00	117	0	0	4
## 559	71.00	121	0	0	4
## 561	77.10	113	0	0	4
## 563	183.00	110	0	0	1
## 565	97.50	112	0	0	4
## 567	67.10	113	0	0	4
## 568	54.40	113	0	0	4
## 569	54.40	114	0	0	3
## 570	81.20	113	0	0	4
## 571	69.00	203	1	0	4
## 573	92.00	112	0	0	4
## 574	130.00	119	0	0	4
## 575	68.04	102	0	0	4
## 576	86.20	118	0	0	4
## 577	77.10	113	0	0	3
## 578	82.00	119	0	0	3
## 579	57.00	113	0	0	4
## 582	68.00	123	0	0	4
## 583	86.00	301	0	0	4
## 584	149.00	304	0	0	4
## 585	103.50	302	1	0	2
## 586	85.00	301	0	0	1
## 587	81.00	301	0	0	4
## 590	41.20	103	0	0	4
## 593	77.10	112	0	0	4
## 594	54.00	304	1	0	4
## 595	92.40	121	0	0	3
## 596	77.10	106	0	0	4
## 597	53.00	119	0	0	2
## 598	90.00	120	0	0	4
## 599	62.00	110	0	0	4
## 600	81.80	105	0	0	4
## 601	103.90	113	0	1	4
## 602	82.00	112	0	0	4
## 603	129.27	303	0	0	4
## 604	80.30	110	0	0	4
## 605	63.20	113	0	0	3
## 606	80.30	122	0	0	4
## 608	65.70	302	1	0	3
## 609	95.50	110	0	0	4
## 610	56.10	106	0	0	3
## 611	57.15	302	0	0	4
## 613	81.00	112	0	0	4

## 614	82.00	105	0	0	4
## 616	42.60	113	0	0	4
## 617	84.90	122	0	0	4
## 618	70.00	113	0	0	4
## 619	80.30	304	1	0	4
## 620	72.70	106	0	0	3
## 622	81.60	123	0	0	3
## 623	86.36	124	0	0	4
## 625	116.25	302	0	0	4
## 627	73.80	113	0	0	4
## 629	102.00	208	1	0	3
## 630	86.00	308	1	0	1
## 632	84.20	217	1	0	1
## 633	77.20	109	0	0	4
## 634	55.80	124	0	0	4
## 637	68.10	307	0	0	3
## 639	122.70	203	1	0	3
## 640	60.00	301	0	0	1
## 641	54.40	302	0	0	4
## 642	66.60	213	1	0	2
## 643	40.00	113	0	0	3
## 645	82.60	120	0	0	4
## 646	100.70	122	0	0	4
## 647	108.90	113	0	0	4
## 649	77.00	124	0	0	4
## 651	80.30	214	1	0	2
## 652	80.30	110	0	0	4
## 654	80.00	218	1	0	4
## 655	108.00	122	0	0	4
## 656	79.80	113	0	0	4
## 658	81.20	301	0	0	3
## 659	102.60	108	0	0	4
## 661	145.10	207	1	0	4
## 664	90.30	202	1	0	4
## 665	87.00	202	1	0	4
## 666	122.70	217	1	0	3
## 667	106.10	113	0	0	4
## 668	103.00	308	1	0	4
## 669	80.30	203	1	0	3
## 670	60.40	203	1	0	3
## 671	76.80	108	0	0	4
## 673	149.20	113	0	0	3
## 674	62.90	124	0	0	4
## 677	66.70	112	0	0	4
## 679	87.70	202	1	0	4
## 681	48.00	113	0	0	1
## 682	72.60	117	0	0	4
## 683	90.70	301	0	0	4
## 684	45.00	123	0	0	3
## 686	50.60	112	0	0	1
## 688	66.32	308	1	0	4
## 689	68.00	202	1	0	4
## 690	80.00	124	0	0	4
## 692	48.10	117	0	0	4

## 693	47.50	117	0	0	4
## 694	140.00	105	0	0	4
## 695	49.90	113	0	0	4
## 696	83.00	301	0	0	4
## 697	50.80	104	0	0	3
## 698	67.90	203	1	0	4
## 699	114.20	302	0	0	4
## 700	75.00	308	1	0	4
## 701	108.00	104	0	0	2
## 702	127.00	306	0	0	4
## 703	51.60	308	1	0	1
## 704	72.50	110	0	0	4
## 705	92.90	301	0	0	4
## 706	57.80	301	0	0	3
## 707	82.50	122	0	0	3
## 708	63.50	122	0	0	4
## 709	113.40	122	0	0	3
## 710	98.10	117	0	0	4
## 711	81.20	117	0	0	4
## 714	75.70	106	0	0	4
## 715	78.90	301	1	0	4
## 716	84.10	301	0	0	4
## 717	80.90	302	0	0	4
## 718	72.60	113	0	0	4
## 720	68.00	122	0	0	4
## 722	62.10	121	0	0	4
## 724	91.90	202	1	0	4
## 725	50.80	302	0	0	4
## 727	63.00	301	0	0	2
## 728	79.50	302	0	0	4
## 729	72.10	308	1	0	4
## 732	63.50	302	0	0	4
## 733	78.00	209	1	0	4
## 734	81.81	124	0	0	4
## 735	97.10	301	1	0	3
## 736	66.40	116	0	0	3
## 737	68.90	123	0	0	3
## 741	108.90	122	0	0	4
## 742	62.27	124	0	0	3
## 743	109.80	113	0	0	4
## 744	88.40	305	0	0	4
## 745	106.10	302	0	0	4
## 746	129.30	122	0	0	4
## 747	80.30	122	0	0	4
## 748	79.00	122	0	0	4
## 749	156.48	117	0	0	4
## 750	119.70	305	1	1	4
## 751	70.70	124	0	0	4
## 752	185.10	304	1	0	4
## 753	90.71	109	0	0	4
## 755	88.60	117	0	1	3
## 757	70.40	112	0	0	4
## 759	66.70	113	0	0	1
## 760	95.45	110	0	0	4

## 761	61.00	308	1	0	4
## 762	68.90	121	0	0	4
## 763	58.10	203	1	0	4
## 764	71.00	113	0	0	4
## 765	92.20	122	0	0	4
## 766	80.30	122	0	0	3
## 768	61.23	113	0	0	4
## 769	40.00	306	0	0	4
## 770	61.90	308	1	0	4
## 774	65.50	124	0	1	4
## 775	86.20	305	0	0	1
## 776	70.00	122	0	0	3
## 777	161.30	307	0	1	4
## 778	93.00	119	0	0	4
## 779	55.34	113	0	0	1
## 780	86.20	110	0	0	3
## 782	77.60	301	1	0	4
## 783	56.70	217	1	0	4
## 784	82.55	110	0	0	4
## 785	68.00	113	0	0	3
## 786	85.00	302	1	0	3
## 788	75.40	301	0	0	4
## 789	96.60	303	0	0	4
## 790	57.40	302	0	0	3
## 791	73.50	113	0	0	4
## 792	77.10	123	0	0	4
## 793	86.10	108	0	0	4
## 794	60.70	301	0	0	3
## 795	70.90	101	0	0	4
## 796	51.70	302	0	0	4
## 797	95.20	112	0	0	4
## 799	62.30	122	0	0	3
## 801	95.30	113	0	0	3
## 803	145.00	114	0	1	2
## 804	132.80	106	0	0	4
## 805	77.00	302	0	0	4
## 806	109.40	112	0	0	4
## 807	98.00	110	0	1	4
## 808	131.50	121	0	0	3
## 809	103.10	213	1	0	4
## 810	73.20	213	1	0	4
## 811	95.70	305	1	0	4
## 812	47.00	119	0	0	3
## 814	88.50	302	0	1	4
## 815	89.40	110	0	0	4
## 816	162.00	301	0	0	3
## 817	104.30	114	0	0	3
## 819	128.00	122	0	0	3
## 820	80.30	113	0	0	4
## 821	70.80	119	0	0	3
## 822	58.50	121	0	0	3
## 823	98.40	112	0	0	4
## 824	97.20	114	0	0	1
## 825	75.30	113	0	0	4

## 826	89.00	120	0	0	1
## 827	72.30	123	0	0	3
## 828	63.00	113	0	0	4
## 829	91.20	112	0	0	3
## 830	80.30	308	1	0	4
## 831	91.50	203	1	0	1
## 835	88.20	203	1	0	4
## 836	72.60	113	0	0	1
## 837	100.60	113	0	0	3
## 838	74.80	302	0	0	4
## 839	62.40	213	1	0	4
## 840	107.10	112	0	0	4
## 841	51.50	203	1	0	4
## 842	47.10	307	0	0	4
## 843	70.50	123	0	0	4
## 844	121.20	120	0	0	4
## 845	94.80	109	0	0	4
## 847	113.00	302	0	0	4
## 849	45.50	302	0	0	1
## 850	53.00	123	0	0	4
## 851	118.50	113	0	0	4
## 854	73.00	213	1	0	3
## 855	80.30	301	0	0	4
## 856	77.80	112	0	0	4
## 857	98.40	102	0	0	4
## 858	83.60	203	1	0	2
## 859	114.00	113	0	0	4
## 861	90.80	122	0	0	4
## 862	81.60	304	0	0	1
## 863	74.30	302	0	0	4
## 864	131.50	302	0	0	4
## 865	45.00	113	0	0	4
## 867	57.90	304	0	0	3
## 869	102.20	110	0	0	4
## 870	92.20	116	0	0	4
## 874	86.20	112	0	0	4
## 875	95.50	302	0	1	4
## 876	128.50	302	0	0	4
## 877	85.70	203	1	0	4
## 878	83.10	112	0	0	4
## 879	134.30	117	0	0	4
## 880	136.90	304	1	0	4
## 881	68.00	207	1	0	4
## 882	111.70	302	0	0	4
## 883	59.20	202	1	0	4
## 884	81.70	301	1	0	4
## 885	113.00	301	0	0	1
## 887	90.70	207	1	0	4
## 888	113.00	106	0	0	3
## 889	100.00	304	0	0	4
## 890	75.00	113	0	0	4
## 892	70.70	122	0	0	4
## 893	60.10	308	1	0	4
## 894	80.70	122	0	0	4

## 895	59.00	301	0	0	3
## 896	99.70	303	0	0	1
## 897	68.10	202	1	0	4
## 898	62.30	121	0	0	4
## 901	70.50	305	0	0	4
## 902	80.70	301	0	0	4
## 904	77.10	122	0	0	1
## 906	103.50	301	0	0	2
## 907	49.20	104	0	0	2
## 908	146.30	117	0	0	4
## 909	137.40	117	0	0	4
## 910	72.80	203	1	0	4
## 911	84.50	202	1	0	4
## 912	78.01	124	0	0	4
## 913	47.20	114	0	0	1
## 914	69.50	110	0	0	3
## 915	60.30	214	1	0	3
## 916	99.50	308	1	0	4
## 917	80.30	123	0	0	4
## 920	97.50	213	1	0	4
## 921	98.60	304	0	0	3
## 922	85.20	301	0	0	4
## 923	71.20	303	0	0	4
## 924	161.00	113	0	0	4
## 925	92.00	202	1	0	4
## 926	143.00	304	1	0	4
## 927	84.00	113	0	0	3
## 928	48.00	122	0	0	3
## 929	98.20	307	0	0	4
## 930	78.70	124	0	0	4
## 931	176.80	303	0	0	4
## 933	113.40	305	0	0	4
## 934	81.00	101	0	0	4
## 935	92.50	113	0	0	4
## 936	106.00	305	0	0	4
## 937	74.80	123	0	0	4
## 938	68.00	123	0	0	4
## 939	80.30	113	0	0	4
## 940	68.90	301	0	0	4
## 942	90.70	308	1	0	4
## 944	91.80	112	0	0	4
## 945	63.00	113	0	0	4
## 946	77.11	121	0	0	4
## 947	68.20	308	1	0	2
## 948	155.40	304	1	0	4
## 949	41.00	113	0	0	4
## 950	105.60	301	0	0	4
## 951	77.10	202	1	0	4
## 953	82.20	308	1	0	4
## 956	81.70	113	0	0	4
## 958	54.40	121	0	0	4
## 959	63.00	122	0	0	4
## 960	117.90	301	0	0	4
## 961	117.80	203	1	0	4

## 962	63.20	113	0	0	3
## 964	108.30	113	0	0	4
## 965	54.40	303	0	0	3
## 966	113.30	122	0	0	4
## 967	70.80	122	0	0	4
## 968	54.40	307	0	0	4
## 969	58.90	124	0	0	4
## 970	81.80	113	0	0	4
## 972	130.00	305	0	0	4
## 973	75.00	120	0	0	4
## 974	59.10	122	0	0	3
## 975	79.30	218	1	0	4
## 976	101.40	113	0	0	4
## 977	97.90	203	1	0	4
## 978	60.00	117	0	0	4
## 980	65.30	301	0	0	4
## 981	40.00	304	1	0	2
## 983	147.00	113	0	0	3
## 984	88.50	301	0	0	1
## 986	72.00	110	0	0	4
## 987	95.50	112	0	0	3
## 989	102.50	106	0	0	4
## 990	38.60	124	0	0	3
## 991	83.90	214	1	0	4
## 992	99.70	117	0	0	3
## 994	78.10	219	1	0	4
## 995	106.00	118	0	0	4
## 996	88.50	122	0	0	3
## 997	67.30	207	1	0	4
## 998	81.10	301	0	0	4
## 1000	54.00	124	0	0	4
## 1002	97.50	123	0	0	4
## 1003	91.60	302	0	0	4
## 1004	69.30	303	0	0	4
## 1005	73.00	110	0	1	4
## 1006	80.30	121	0	0	4
## 1007	70.30	106	0	0	4
## 1008	82.30	113	0	0	4
## 1011	43.00	304	0	0	4
## 1013	119.00	122	0	0	4
## 1014	63.50	106	0	0	4
## 1015	52.00	203	1	0	4
## 1016	76.10	122	0	0	4
## 1017	79.30	203	1	0	4
## 1018	78.65	122	0	0	1
## 1019	61.30	305	0	0	4
## 1021	86.30	302	0	0	4
## 1022	110.00	113	0	0	4
## 1023	43.50	303	1	0	4
## 1025	68.00	112	0	0	4
## 1026	77.10	124	0	0	4
## 1028	65.50	303	1	0	4
## 1029	123.60	203	1	0	4
## 1030	96.60	117	0	0	4

## 1031	72.60	301	0	0	4
## 1032	66.90	219	1	0	3
## 1033	128.00	110	0	0	2
## 1035	76.00	301	0	0	4
## 1036	83.77	203	1	0	4
## 1037	88.40	302	0	0	4
## 1038	145.10	102	0	0	4
## 1040	117.90	106	0	0	2
## 1042	70.30	305	1	0	4
## 1043	124.73	109	0	0	4
## 1044	73.00	308	1	0	2
## 1046	86.10	117	0	0	4
## 1047	111.10	124	0	0	4
## 1048	60.80	308	1	0	3
## 1049	88.60	109	0	0	4
## 1050	78.40	122	0	0	2
## 1051	61.30	118	0	0	4
## 1053	86.20	213	1	0	1
## 1054	79.40	113	0	0	1
## 1055	75.00	305	0	0	4
## 1056	106.60	218	1	0	4
## 1057	68.26	112	0	0	4
## 1059	73.00	302	0	1	4
## 1060	97.07	117	0	0	4
## 1061	83.50	107	0	0	4
## 1062	72.50	110	0	0	3
## 1063	75.30	112	0	0	4
## 1064	80.30	123	0	0	4
## 1065	119.00	305	1	1	4
## 1068	59.00	119	0	0	4
## 1069	72.60	208	1	0	4
## 1070	165.00	303	0	0	3
## 1071	76.10	104	0	0	3
## 1072	79.10	118	0	0	4
## 1073	95.25	112	0	0	1
## 1074	114.90	122	0	0	4
## 1075	83.37	301	0	0	3
## 1076	83.90	112	0	0	4
## 1077	146.40	308	1	0	4
## 1078	77.60	113	0	0	4
## 1079	119.70	305	1	1	4
## 1080	88.00	109	0	0	4
## 1081	90.90	114	0	0	1
## 1084	81.64	123	0	0	4
## 1085	71.80	202	1	0	4
## 1086	73.50	113	0	0	3
## 1087	86.60	301	0	0	3
## 1088	181.40	113	0	0	3
## 1089	121.60	113	0	0	4
## 1090	53.00	122	0	0	3
## 1091	82.10	304	0	0	4
## 1092	64.50	203	1	0	1
## 1093	82.20	301	0	0	4
## 1094	83.50	219	1	0	4



## 1095 75.70	119	0	0	4
## 1096 186.00	301	0	0	4
## 1097 66.00	114	0	1	1
## 1099 74.70	117	0	0	4
## 1100 89.80	302	0	0	4
## 1101 81.80	119	0	0	4
## 1102 54.00	308	1	0	4
## 1103 90.00	112	0	0	4
## 1104 93.60	302	0	0	4
## 1105 73.80	203	1	0	1
## 1106 52.10	304	0	0	2
## 1107 90.70	302	0	0	4
## 1108 54.90	113	0	0	3
## 1109 60.20	301	0	0	4
## 1110 80.00	114	0	0	1
## 1111 80.30	113	0	0	4
## 1112 81.80	113	0	0	4
## 1113 91.00	113	0	0	2
## 1115 80.30	207	1	0	4
## 1118 68.90	207	1	0	4
## 1119 68.20	109	0	0	4
## 1120 125.00	114	0	0	4
## 1121 89.80	214	1	0	4
## 1122 68.20	122	0	0	4
## 1123 77.11	113	0	0	2
## 1125 113.40	121	0	0	4
## 1126 78.10	308	1	0	4
## 1127 74.80	113	0	0	1
## 1128 80.90	122	0	0	4
## 1129 102.00	301	0	0	1
## 1130 68.00	113	0	0	4
## 1132 87.70	102	0	0	4
## 1133 77.10	303	0	0	4
## 1134 59.00	121	0	0	3
## 1135 48.00	106	0	0	2
## 1136 83.90	119	0	0	4
## 1138 81.80	109	0	0	4
## 1139 102.50	308	1	0	4
## 1141 68.04	106	0	0	2
## 1142 124.70	113	0	0	4
## 1143 92.90	301	0	0	4
## 1145 74.80	202	1	0	4
## 1146 53.70	113	0	0	4
## 1147 62.60	112	0	0	4
## 1148 140.80	304	1	0	4
## 1149 83.80	219	1	0	4
## 1150 69.90	308	1	0	3
## 1151 58.20	203	1	0	4
## 1152 96.50	202	1	0	4
## 1153 69.20	203	1	0	4
## 1154 100.70	202	1	0	4
## 1155 94.90	122	0	0	3
## 1156 80.28	302	1	0	4
## 1157 104.50	203	1	0	3

## 1158 100.20	110	0	0	3
## 1159 153.00	113	0	0	4
## 1160 82.00	122	0	0	4
## 1161 113.70	217	1	0	2
## 1163 127.00	113	0	0	4
## 1164 70.20	117	0	0	4
## 1165 83.60	302	0	0	4
## 1167 57.20	123	0	0	4
## 1168 93.89	121	0	0	4
## 1169 66.90	302	0	0	4
## 1170 74.10	112	0	0	3
## 1171 72.70	203	1	0	3
## 1172 80.00	113	0	0	3
## 1173 64.00	304	0	0	4
## 1174 162.00	112	0	0	4
## 1177 70.30	303	0	0	4
## 1178 83.00	121	0	0	4
## 1179 73.60	123	0	0	2
## 1180 92.00	113	0	0	3
## 1181 76.65	119	0	0	4
## 1182 102.10	102	0	0	4
## 1183 72.40	307	0	0	4
## 1185 103.70	308	1	0	1
## 1186 156.50	305	1	0	2
## 1188 99.70	301	0	0	4
## 1189 84.00	112	0	0	4
## 1190 65.00	117	0	0	4
## 1191 71.20	117	0	0	4
## 1192 80.30	105	0	0	4
## 1193 79.30	218	1	0	4
## 1194 61.20	122	0	0	4
## 1195 57.00	305	0	0	3
## 1196 50.39	307	0	0	4
## 1197 89.30	112	0	0	4
## 1198 112.70	302	0	0	4
## 1199 77.11	112	0	0	3
## 1200 58.80	202	1	0	4
## 1201 70.50	113	0	0	4
## 1202 159.10	308	1	0	4
## 1203 123.20	303	0	0	4
## 1204 75.40	308	1	0	4
## 1205 78.10	124	0	0	4
## 1207 71.10	214	1	0	3
## 1209 66.90	109	0	0	4
## 1210 97.97	301	0	0	4
## 1211 130.20	303	1	0	2
## 1212 78.00	120	0	0	2
## 1214 74.10	123	0	0	3
## 1217 69.00	113	0	0	2
## 1218 90.70	112	0	0	4
## 1220 42.90	301	0	0	3
## 1221 101.20	101	0	0	3
## 1223 58.00	304	0	0	3
## 1224 139.70	308	0	0	4

## 1225	77.60	102	0	0	4
## 1226	73.00	301	0	0	4
## 1227	103.80	301	0	0	4
## 1228	95.20	108	0	0	1
## 1229	106.80	106	0	0	4
## 1231	74.80	113	0	1	4
## 1232	64.00	203	1	0	4
## 1235	98.40	104	0	0	4
## 1237	55.30	112	0	0	4
## 1238	80.30	308	1	0	1
## 1239	99.50	301	0	0	4
## 1240	86.40	122	0	0	1
## 1242	75.75	304	1	0	4
## 1243	92.98	301	0	0	4
## 1244	63.60	124	0	0	4
## 1245	81.80	123	0	0	4
## 1246	110.00	105	0	0	4
## 1247	65.80	102	0	0	4
## 1248	75.30	301	0	0	4
## 1249	81.20	102	0	0	3
## 1250	132.40	101	0	0	4
## 1252	76.30	202	1	0	4
## 1253	82.00	120	0	0	4
## 1255	146.20	302	0	0	4
## 1256	48.40	118	0	0	3
## 1258	76.40	122	0	0	3
## 1259	57.40	302	0	0	4
## 1262	82.10	308	1	0	4
## 1265	83.80	308	1	0	4
## 1266	95.00	117	0	0	4
## 1267	83.90	305	0	0	4
## 1268	113.40	112	0	0	4
## 1269	109.80	304	0	0	4
## 1270	120.20	302	0	0	4
## 1271	68.00	113	0	0	3
## 1272	61.10	124	0	0	4
## 1273	132.60	114	0	0	1
## 1274	45.80	202	1	0	4
## 1275	94.80	112	0	0	4
## 1276	51.80	108	0	0	4
## 1277	139.40	113	0	0	3
## 1278	98.40	209	1	0	3
## 1281	133.20	304	1	0	2
## 1282	126.10	112	0	0	4
## 1283	89.80	122	0	0	4
## 1284	73.00	302	1	0	3
## 1285	68.00	113	0	0	4
## 1286	59.00	112	0	0	4
## 1287	100.50	122	0	0	4
## 1288	78.40	113	0	0	4
## 1289	68.90	305	1	0	4
## 1290	64.90	219	1	0	4
## 1291	124.60	117	0	0	4
## 1292	72.00	114	0	0	4

## 1293 75.60	302	0	0	4
## 1295 76.00	303	0	1	2
## 1297 88.70	106	0	0	4
## 1298 74.67	106	0	0	4
## 1299 102.50	113	0	0	4
## 1300 84.82	117	0	0	4
## 1301 55.00	114	0	0	1
## 1303 80.30	301	0	0	4
## 1304 125.60	108	0	0	4
## 1305 72.50	124	0	0	1
## 1307 99.80	303	0	0	4
## 1308 108.80	301	0	0	4
## 1309 80.30	112	0	0	4
## 1310 140.60	304	0	0	4
## 1311 122.50	302	0	0	3
## 1312 96.20	203	1	0	4
## 1314 107.00	219	1	0	4
## 1315 89.30	113	0	0	4
## 1316 121.60	303	0	0	2
## 1317 68.10	117	0	0	4
## 1319 84.80	303	0	0	4
## 1320 68.60	301	1	0	4
## 1321 83.90	307	0	0	4
## 1322 82.90	302	0	0	4
## 1323 88.00	118	0	0	4
## 1324 101.60	302	0	0	4
## 1325 134.20	302	1	0	3
## 1326 109.00	304	0	0	4
## 1327 93.10	304	1	0	3
## 1328 91.60	301	0	0	3
## 1329 73.50	307	0	0	4
## 1330 73.00	305	0	0	4
## 1331 67.00	301	0	0	3
## 1332 86.00	106	0	0	4
## 1333 141.00	304	0	0	4
## 1334 148.70	308	1	0	3
## 1335 115.00	114	0	0	1
## 1336 56.20	306	0	0	4
## 1338 70.70	113	0	0	4
## 1339 96.80	202	1	0	4
## 1340 71.00	113	0	0	3
## 1342 72.30	122	0	0	3
## 1343 70.76	112	0	0	4
## 1344 56.70	102	0	0	4
## 1345 75.70	122	0	0	4
## 1347 54.40	214	1	0	4
## 1348 75.40	122	0	0	4
## 1349 81.40	124	0	0	4
## 1350 83.30	118	0	0	1
## 1351 68.00	304	1	0	4
## 1353 92.80	122	0	0	4
## 1354 65.00	106	0	0	3
## 1355 136.40	301	0	0	4
## 1356 48.00	117	0	0	4

## 1357 100.00	122	0	0	4
## 1358 68.60	302	0	0	4
## 1359 94.00	113	0	0	2
## 1360 80.30	109	0	0	4
## 1361 113.00	302	0	0	4
## 1362 71.00	113	0	0	4
## 1363 159.00	305	1	0	4
## 1364 77.50	302	0	0	4
## 1366 43.50	303	1	0	4
## 1367 75.70	122	0	0	4
## 1368 71.80	112	0	0	4
## 1369 79.50	123	0	0	4
## 1370 98.70	301	0	0	4
## 1371 80.30	114	0	0	1
## 1373 146.50	209	1	0	4
## 1375 80.30	113	0	0	4
## 1377 70.00	302	1	0	4
## 1378 93.10	122	0	0	4
## 1379 93.10	305	1	0	4
## 1380 94.80	117	0	0	4
## 1381 72.57	122	0	0	4
## 1383 58.90	121	0	0	3
## 1385 68.00	113	0	0	4
## 1386 88.00	301	0	0	4
## 1388 58.10	113	0	1	4
## 1389 55.50	307	0	0	4
## 1390 61.20	308	1	0	2
## 1391 75.00	123	0	1	4
## 1392 66.00	202	1	0	4
## 1394 62.10	303	0	0	4
## 1395 61.10	302	0	0	3
## 1396 74.60	124	0	0	4
## 1397 63.50	109	0	0	4
## 1398 80.30	302	0	0	4
## 1400 81.80	109	0	0	4
## 1401 45.36	102	0	0	4
## 1402 54.25	302	0	0	4
## 1405 91.40	117	0	0	4
## 1407 55.50	304	0	0	4
## 1408 101.90	112	0	0	4
## 1409 99.00	212	1	0	3
## 1410 113.00	112	0	0	4
## 1411 50.35	113	0	0	4
## 1412 58.70	122	0	0	4
## 1413 173.13	108	0	0	3
## 1414 51.90	301	1	0	3
## 1415 100.20	122	0	0	4
## 1417 63.50	301	0	0	1
## 1418 52.70	124	0	0	4
## 1419 117.93	112	0	0	4
## 1420 67.20	113	0	0	2
## 1422 113.40	305	0	0	4
## 1424 83.90	106	0	0	4
## 1425 83.00	112	0	0	4

## 1426	65.80	301	0	0	2
## 1427	73.80	121	0	0	3
## 1428	72.50	307	0	0	3
## 1429	100.60	112	0	0	4
## 1430	58.20	303	0	0	3
## 1431	56.01	303	0	0	4
## 1433	71.00	108	0	0	3
## 1434	83.00	113	0	0	4
## 1435	87.40	113	0	0	4
## 1436	118.10	113	0	0	4
## 1437	78.00	202	1	0	4
## 1440	71.00	124	0	0	4
## 1441	99.20	302	1	0	4
## 1442	121.10	308	1	0	4
## 1443	43.10	124	0	0	3
## 1446	109.50	123	0	0	4
## 1447	81.00	122	0	0	4
## 1448	75.00	106	0	0	4
## 1449	77.10	124	0	0	3
## 1450	59.20	113	0	0	4
## 1451	75.90	209	1	0	4
## 1452	169.10	105	0	0	4
## 1453	103.00	115	0	0	4
## 1454	97.50	112	0	0	4
## 1455	78.10	219	1	0	4
## 1456	69.00	105	0	0	3
## 1457	106.40	124	0	0	3
## 1458	74.80	207	1	0	4
## 1459	142.88	112	0	0	4
## 1460	75.00	123	0	0	4
## 1466	113.50	212	1	0	4
## 1467	122.50	307	0	0	4
## 1468	91.00	117	0	0	4
## 1469	111.00	113	0	0	4
## 1470	59.10	303	0	0	4
## 1471	83.23	122	0	0	1
## 1472	100.00	202	1	0	4
## 1475	101.90	112	0	0	4
## 1476	97.60	121	0	0	4
## 1477	38.60	103	0	0	1
## 1478	55.40	203	1	0	4
## 1479	109.50	302	0	0	4
## 1480	81.40	122	0	0	4
## 1481	89.40	303	0	0	4
## 1483	94.90	303	1	0	4
## 1484	64.40	107	0	0	4
## 1486	76.20	302	0	0	4
## 1487	76.10	302	0	1	4
## 1488	114.00	102	0	0	4
## 1489	103.40	120	0	0	1
## 1491	62.50	114	0	0	2
## 1492	96.30	110	0	0	4
## 1494	81.40	121	0	0	4
## 1495	124.70	113	0	0	4

## 1496	90.70	306	0	0	4
## 1497	96.10	112	0	0	4
## 1498	87.00	308	1	0	4
## 1501	58.70	122	0	0	4
## 1502	55.30	124	0	0	4
## 1503	58.00	105	0	0	4
## 1506	100.30	302	0	0	4
## 1507	75.10	120	0	0	1
## 1509	38.60	113	0	0	1
## 1510	82.80	120	0	0	2
## 1511	104.00	112	0	0	4
## 1512	64.60	122	0	0	2
## 1513	81.00	124	0	0	3
## 1514	88.40	112	0	0	4
## 1515	100.70	113	0	0	3
## 1516	91.10	305	0	0	4
## 1517	72.50	113	0	0	1
## 1518	99.00	302	0	0	4
## 1519	110.80	117	0	0	4
## 1520	89.60	112	0	0	4
## 1521	132.50	118	0	0	4
## 1522	80.30	113	0	0	4
## 1523	63.22	116	0	0	4
## 1524	80.30	113	0	0	4
## 1525	169.20	110	0	0	4
## 1528	52.00	113	0	0	4
## 1529	130.60	302	1	0	4
## 1530	104.30	106	0	0	1
## 1532	73.20	109	0	0	4
## 1533	63.60	113	0	0	4
## 1534	135.50	109	0	0	4
## 1535	75.20	202	1	0	4
## 1536	58.70	122	0	0	1
## 1537	69.90	305	0	0	4
## 1538	52.10	106	0	0	4
## 1540	87.20	202	1	0	4
## 1542	99.50	108	0	0	3
## 1543	69.00	106	0	0	4
## 1544	80.30	308	1	0	2
## 1545	186.00	112	0	0	4
## 1546	102.20	110	0	0	4
## 1548	86.20	301	1	0	4
## 1549	152.00	202	1	0	4
## 1550	99.60	301	0	0	3
## 1551	66.00	301	0	0	2
## 1552	56.70	203	1	0	4
## 1553	57.42	308	1	0	1
## 1554	94.10	308	1	1	2
## 1555	88.30	105	0	0	4
## 1556	91.20	113	0	0	3
## 1557	113.60	113	0	0	3
## 1558	90.50	123	0	0	3
## 1559	102.60	102	0	0	2
## 1560	62.00	124	0	0	2

## 1562 93.10	214	1	0	1
## 1563 92.30	303	1	0	3
## 1564 80.30	109	0	1	4
## 1565 117.00	301	0	0	1
## 1566 83.00	304	0	0	4
## 1567 89.60	203	1	0	1
## 1568 72.00	301	0	1	2
## 1569 82.70	113	0	0	4
## 1570 105.20	306	0	0	4
## 1571 68.00	102	0	0	2
## 1572 127.40	207	1	0	2
## 1573 90.90	304	0	0	4
## 1574 95.40	308	1	0	3
## 1575 68.04	214	1	0	4
## 1576 84.50	203	1	0	4
## 1577 79.70	110	0	0	4
## 1578 100.40	301	0	0	4
## 1579 91.80	124	0	0	4
## 1580 88.60	301	0	0	3
## 1581 52.00	304	0	0	4
## 1583 56.33	120	0	0	4
## 1584 77.40	112	0	0	4
## 1585 58.10	202	1	0	3
## 1587 65.80	121	0	0	3
## 1588 58.80	119	0	0	4
## 1589 132.70	219	1	0	2
## 1590 74.70	301	0	0	2
## 1591 80.30	113	0	0	4
## 1592 72.10	117	0	0	4
## 1594 71.66	110	0	0	4
## 1595 50.30	105	0	0	4
## 1596 73.60	302	0	0	4
## 1597 111.10	217	1	0	1
## 1598 68.80	301	0	0	4
## 1599 65.00	305	0	0	4
## 1601 113.00	117	0	0	4
## 1602 63.40	122	0	0	1
## 1603 67.00	301	0	0	3
## 1604 57.00	113	0	0	3
## 1605 68.00	202	1	0	4
## 1606 98.00	302	0	0	4
## 1608 56.40	308	1	0	4
## 1609 63.40	118	0	0	4
## 1610 82.20	214	1	0	4
## 1611 121.10	108	0	0	1
## 1612 58.80	302	0	0	4
## 1613 75.80	301	1	0	4
## 1614 75.90	303	0	0	2
## 1615 62.30	302	0	0	3
## 1616 110.20	123	0	0	4
## 1617 72.50	115	0	0	1
## 1618 56.60	305	0	0	4
## 1619 83.91	124	0	0	4
## 1620 97.50	124	0	0	4



## 1621	85.70	301	0	0	4
## 1622	69.00	308	1	0	4
## 1623	76.50	118	0	0	2
## 1625	57.10	113	0	0	3
## 1626	110.50	121	0	0	4
## 1627	68.00	113	0	0	4
## 1628	117.70	114	0	1	4
## 1630	77.50	218	1	0	4
## 1631	80.30	106	0	0	4
## 1633	88.50	113	0	0	4
## 1634	96.20	113	0	0	4
## 1635	118.90	115	0	0	4
## 1637	80.30	308	1	0	4
## 1638	86.20	302	0	0	4
## 1639	80.30	219	1	0	4
## 1641	54.00	302	0	0	4
## 1642	71.10	203	1	0	4
## 1644	55.50	213	1	0	4
## 1645	73.10	120	0	0	3
## 1647	90.70	307	0	0	1
## 1650	70.50	120	0	0	3
## 1652	98.00	122	0	0	4
## 1653	152.10	304	1	1	4
## 1654	112.00	118	0	0	3
## 1655	91.62	112	0	0	4
## 1656	59.00	121	0	0	4
## 1657	63.90	305	0	1	4
## 1659	123.00	302	1	0	4
## 1661	139.00	121	0	0	4
## 1662	89.80	308	1	0	1
## 1663	43.36	119	0	0	4
## 1664	127.00	113	0	0	4
## 1665	97.50	113	0	0	4
## 1666	70.40	308	1	0	4
## 1667	117.50	118	0	0	4
## 1668	93.00	302	0	1	4
## 1669	71.70	113	0	0	4
## 1670	48.08	117	0	0	1
## 1672	53.98	213	1	0	3
## 1674	95.90	302	1	0	2
## 1675	52.61	122	0	0	3
## 1676	99.92	301	1	0	3
## 1677	73.50	122	0	0	4
## 1678	68.20	122	0	0	4
## 1679	79.20	307	0	0	4
## 1680	113.00	102	0	0	4
## 1681	138.70	218	1	0	4
## 1682	89.90	308	1	0	4
## 1683	84.50	121	0	0	4
## 1684	86.20	113	0	0	4
## 1685	89.20	109	0	0	4
## 1686	118.20	302	0	0	4
## 1687	66.20	124	0	0	4
## 1688	69.60	217	1	0	1

## 1689	89.40	203	1	0	4
## 1690	64.00	308	1	0	1
## 1691	85.30	301	0	0	4
## 1692	44.00	123	0	0	4
## 1693	81.60	112	0	1	4
## 1694	99.80	302	0	0	3
## 1695	98.10	124	0	0	4
## 1696	131.50	114	0	0	1
## 1698	57.30	121	0	0	1
## 1699	78.50	118	0	0	4
## 1700	79.20	122	0	0	4
## 1701	54.30	121	0	0	3
## 1702	63.00	203	1	1	4
## 1703	63.60	202	1	0	4
## 1704	89.90	119	0	0	4
## 1705	131.10	307	1	0	3
## 1706	88.90	203	1	0	4
## 1708	146.30	113	0	1	4
## 1709	78.47	113	0	0	4
## 1710	54.40	123	0	0	4
## 1711	99.70	302	0	0	4
## 1712	69.40	118	0	0	4
## 1713	62.30	106	0	0	4
## 1714	93.20	117	0	0	4
## 1715	112.00	308	1	0	1
## 1716	88.50	121	0	0	3
## 1717	79.40	308	1	0	4
## 1718	118.30	302	1	0	4
## 1719	61.00	112	0	0	4
## 1720	114.57	301	0	0	4
## 1721	86.00	110	0	0	3
## 1722	41.40	202	1	0	3
## 1723	118.84	301	0	0	4
## 1724	80.30	301	0	0	4
## 1725	51.25	101	0	0	2
## 1726	51.25	117	0	0	4
## 1727	78.70	203	1	0	4
## 1728	106.20	308	1	0	4
## 1729	43.90	301	0	0	1
## 1730	126.60	113	0	0	3
## 1731	92.80	117	0	0	4
## 1732	89.90	308	1	0	1
## 1733	73.40	203	1	0	1
## 1735	91.00	113	0	0	4
## 1736	106.80	124	0	0	4
## 1737	69.50	308	1	0	3
## 1738	77.11	301	0	0	4
## 1740	97.70	302	0	0	4
## 1741	101.30	108	0	0	1
## 1742	149.20	110	0	0	4
## 1743	84.00	302	0	0	4
## 1744	97.50	124	0	0	4
## 1745	66.00	304	0	0	4
## 1747	78.90	203	1	0	4

## 1748	69.10	305	0	0	2
## 1749	105.00	114	0	0	1
## 1750	88.80	124	0	0	3
## 1751	79.00	106	0	0	3
## 1752	86.20	114	0	0	1
## 1753	80.30	122	0	0	4
## 1754	59.90	214	1	0	1
## 1756	108.80	114	0	0	4
## 1758	85.50	203	1	0	4
## 1759	49.40	121	0	0	4
## 1761	79.00	106	0	0	4
## 1762	129.00	304	0	0	4
## 1763	59.00	303	1	0	3
## 1764	102.00	302	0	0	4
## 1765	74.40	113	0	0	4
## 1766	79.50	202	1	0	4
## 1768	75.70	118	0	0	4
## 1770	131.50	112	0	0	4
## 1772	88.30	109	0	0	4
## 1773	72.20	108	0	0	1
## 1774	90.10	303	0	0	4
## 1775	80.30	113	0	0	4
## 1776	97.70	301	0	0	4
## 1778	88.90	305	0	0	4
## 1779	98.20	307	0	0	4
## 1781	65.80	118	0	0	4
## 1782	124.70	112	0	0	4
## 1784	83.60	203	1	0	2
## 1785	95.30	113	0	0	3
## 1786	130.00	301	0	0	4
## 1787	97.07	122	0	0	4
## 1788	49.00	112	0	0	4
## 1789	87.90	308	1	0	2
## 1790	147.40	113	0	0	4
## 1792	116.00	301	0	0	4
## 1793	82.10	301	0	0	4
## 1794	89.70	112	0	0	4
## 1795	104.90	308	1	0	1
## 1796	85.00	301	0	0	4
## 1798	99.10	302	0	0	4
## 1799	54.40	301	0	0	4
## 1800	68.00	113	0	0	1
## 1801	76.10	307	0	0	3
## 1802	79.40	303	0	0	4
## 1803	98.90	301	0	0	4
## 1804	83.90	123	0	0	4
## 1805	79.30	203	1	0	1
## 1806	45.40	110	0	0	4
## 1807	96.00	112	0	0	4
## 1808	79.40	308	1	0	4
## 1809	111.20	301	0	0	4
## 1812	78.50	110	0	0	4
## 1813	72.70	303	0	0	4
## 1814	88.90	301	0	0	4

## 1815 108.00	112	0	0	4
## 1816 62.10	301	0	0	4
## 1817 61.30	120	0	0	1
## 1819 66.30	122	0	0	2
## 1821 50.00	113	0	0	2
## 1822 115.60	302	0	0	4
## 1823 94.00	106	0	0	4
## 1824 72.00	305	0	0	4
## 1825 73.10	203	1	0	3
## 1827 59.10	122	0	0	3
## 1828 107.00	308	1	0	3
## 1829 73.40	305	0	0	4
## 1830 70.00	113	0	1	4
## 1831 94.70	308	0	0	4
## 1832 98.00	308	1	0	3
## 1835 58.20	304	0	0	4
## 1836 72.50	119	0	0	3
## 1837 84.36	117	0	0	4
## 1838 89.35	213	1	0	4
## 1839 90.50	303	0	0	3
## 1840 81.30	307	0	0	4
## 1841 40.40	301	0	0	3
## 1842 44.45	308	1	0	1
## 1843 92.30	122	0	0	3
## 1844 70.50	113	0	0	4
## 1845 83.55	112	0	0	4
## 1846 81.80	106	0	0	1
## 1847 108.90	304	1	0	4
## 1848 99.80	302	0	0	4
## 1849 104.30	122	0	0	4
## 1850 99.70	203	1	0	1
## 1851 160.10	110	0	0	3
## 1852 113.30	108	0	0	4
## 1853 80.30	119	0	0	4
## 1854 54.80	302	0	0	4
## 1855 80.70	117	0	0	4
## 1856 68.00	118	0	0	4
## 1857 53.60	214	1	0	1
## 1858 80.30	106	0	0	2
## 1859 58.40	301	0	0	3
## 1861 68.40	106	0	0	4
## 1865 108.40	304	1	0	4
## 1866 67.10	214	1	0	3
## 1867 158.90	113	0	0	4
## 1868 46.10	113	0	1	4
## 1869 104.00	203	1	0	4
## 1870 71.66	304	0	0	4
## 1871 80.30	122	0	0	4
## 1872 76.30	308	1	0	3
## 1873 73.50	302	0	0	4
## 1874 123.40	112	0	0	4
## 1876 134.90	123	0	0	2
## 1878 81.80	112	0	0	4
## 1879 133.50	110	0	0	4

## 1880	74.00	301	0	0	4
## 1882	108.60	124	0	0	4
## 1883	130.00	117	0	0	4
## 1884	100.00	110	0	0	1
## 1885	158.80	101	0	0	4
## 1886	67.81	112	0	0	4
## 1887	66.67	106	0	0	4
## 1888	59.00	113	0	0	4
## 1889	95.50	303	0	1	4
## 1890	119.20	112	0	0	4
## 1891	147.00	214	1	0	4
## 1892	136.00	117	0	0	4
## 1893	76.40	113	0	0	4
## 1895	66.20	122	0	0	4
## 1896	80.30	302	0	0	4
## 1897	63.70	301	0	0	4
## 1898	167.00	110	0	0	4
## 1899	59.20	117	0	0	4
## 1901	80.30	109	0	0	4
## 1902	111.40	203	1	0	4
## 1903	103.00	109	0	0	4
## 1904	102.20	203	1	0	3
## 1905	108.00	106	0	0	4
## 1906	49.90	106	0	0	4
## 1907	94.80	213	1	0	3
## 1909	52.60	117	0	0	2
## 1911	68.00	304	1	0	4
## 1912	95.30	121	0	0	4
## 1913	81.60	208	1	0	2
## 1914	83.10	108	0	0	3
## 1915	95.20	119	0	0	1
## 1916	113.60	113	0	0	4
## 1917	76.50	307	0	0	1
## 1918	98.20	113	0	1	4
## 1919	93.20	304	1	0	4
## 1920	92.27	113	0	0	4
## 1923	54.00	112	0	0	4
## 1924	67.00	303	0	0	4
## 1925	75.00	307	0	0	3
## 1926	93.90	124	0	0	4
## 1927	113.60	113	0	0	4
## 1928	141.50	110	0	0	4
## 1931	59.30	203	1	0	4
## 1932	68.40	303	1	0	3
## 1933	108.80	102	0	0	1
## 1934	138.40	106	0	0	4
## 1935	62.60	122	0	0	4
## 1936	80.80	203	1	0	3
## 1937	61.90	122	0	0	4
## 1938	127.00	113	0	0	1
## 1939	69.00	304	1	0	2
## 1940	59.80	122	0	0	2
## 1941	80.30	124	0	0	4
## 1942	53.60	108	0	0	4

## 1943	72.90	109	0	1	3
## 1944	68.04	302	0	0	4
## 1946	50.00	115	0	0	4
## 1947	56.92	303	0	0	3
## 1948	73.60	202	1	0	4
## 1949	81.70	117	0	0	4
## 1950	115.21	109	0	0	4
## 1952	98.90	112	0	0	4
## 1953	109.80	124	0	0	4
## 1955	116.70	305	0	0	4
## 1956	51.30	122	0	0	4
## 1957	154.30	106	0	0	4
## 1958	84.40	303	0	0	3
## 1959	83.90	112	0	0	4
## 1960	104.10	113	0	0	4
## 1962	63.50	301	0	0	3
## 1965	58.70	301	0	0	4
## 1967	81.60	113	0	0	4
## 1968	59.80	302	0	0	4
## 1969	71.10	110	0	0	4
## 1970	68.04	120	0	0	1
## 1971	143.15	203	1	0	4
## 1973	54.40	119	0	0	2
## 1975	68.30	122	0	0	3
## 1978	86.10	305	1	0	4
## 1979	57.27	308	1	0	4
## 1981	69.50	110	0	0	4
## 1982	86.50	119	0	0	1
## 1983	95.00	203	1	0	4
## 1984	57.60	123	0	0	4
## 1986	75.10	112	0	0	4
## 1988	79.90	207	1	0	3
## 1989	80.80	214	1	0	3
## 1990	74.70	209	1	0	4
## 1991	88.50	112	0	0	4
## 1992	102.60	303	0	0	4
## 1993	113.30	301	0	0	1
## 1994	95.30	305	0	0	4
## 1995	82.00	302	0	0	2
## 1996	106.00	117	0	0	4
## 1997	58.40	122	0	0	4
## 1999	95.25	304	0	0	4
## 2000	55.80	113	0	0	2
## 2001	89.30	117	0	0	4
## 2002	98.00	117	0	0	4
## 2003	86.20	122	0	0	3
## 2004	71.00	209	1	0	4
## 2005	52.10	124	0	0	4
## 2006	173.13	108	0	0	3
## 2007	86.00	203	1	0	3
## 2008	80.00	306	0	0	4
## 2009	112.20	123	0	0	2
## 2010	63.50	113	0	0	2
## 2011	123.40	113	0	0	3

## 2014	55.20	302	0	0	4
## 2015	99.70	308	1	0	4
## 2016	77.10	105	0	0	4
## 2017	90.70	214	1	0	2
## 2018	85.00	114	0	0	1
## 2019	60.00	101	0	0	4
## 2020	57.30	112	0	0	4
## 2024	121.90	114	0	0	2
## 2025	74.80	112	0	0	4
## 2027	90.71	112	0	0	4
## 2028	87.00	102	0	0	4
## 2029	126.00	112	0	0	4
## 2030	86.10	302	0	0	4
## 2031	67.50	307	0	0	4
## 2032	88.00	113	0	0	4
## 2033	58.96	106	0	0	4
## 2034	118.30	105	0	0	3
## 2035	104.30	113	0	0	4
## 2036	68.00	202	1	0	3
## 2037	90.70	305	0	0	4
## 2038	86.10	302	0	0	4
## 2039	90.71	304	0	0	4
## 2040	65.00	105	0	0	3
## 2041	61.60	301	0	0	2
## 2042	62.00	305	0	0	4
## 2043	152.20	203	1	0	3
## 2045	80.10	112	0	1	4
## 2047	68.70	113	0	0	4
## 2048	42.40	108	0	0	3
## 2049	108.80	303	0	0	3
## 2050	80.10	117	0	0	4
## 2051	52.16	305	0	0	4
## 2052	49.90	124	0	0	3
## 2054	103.80	203	1	0	4
## 2055	94.20	113	0	0	4
## 2057	81.80	308	1	0	4
## 2058	83.00	122	0	0	3
## 2059	84.40	110	0	0	4
## 2060	86.30	301	1	0	4
## 2062	104.50	302	0	0	4
## 2063	66.00	303	0	0	4
## 2064	66.00	110	0	0	4
## 2065	54.90	119	0	0	4
## 2067	129.50	102	0	0	4
## 2068	49.80	110	0	0	4
## 2069	70.80	112	0	0	4
## 2070	72.80	203	1	0	4
## 2071	88.20	202	1	0	4
## 2072	98.40	304	1	0	2
## 2074	89.90	301	0	0	1
## 2075	73.00	122	0	0	4
## 2077	65.80	122	0	0	4
## 2078	52.20	307	0	1	4
## 2079	53.90	301	0	1	4

## 2080	81.60	207	1	0	4
## 2081	90.70	301	0	0	4
## 2082	80.33	112	0	0	4
## 2083	76.20	110	0	0	4
## 2084	76.20	203	1	0	4
## 2085	97.00	302	0	0	4
## 2086	186.00	118	0	0	4
## 2087	66.50	305	0	0	4
## 2088	81.80	302	0	0	4
## 2090	94.60	202	1	0	4
## 2092	98.00	302	0	0	4
## 2093	53.50	301	0	0	4
## 2094	56.00	123	0	0	4
## 2095	55.20	124	0	0	2
## 2096	97.00	105	0	0	4
## 2097	113.40	124	0	0	4
## 2099	80.30	109	0	0	4
## 2100	70.90	301	0	0	3
## 2101	87.30	118	0	0	4
## 2103	68.00	122	0	0	3
## 2105	54.40	110	0	0	4
## 2106	80.30	102	0	0	4
## 2107	54.90	120	0	0	1
## 2108	112.90	118	0	0	4
## 2110	60.50	217	1	0	3
## 2111	102.90	302	0	0	4
## 2112	78.90	113	0	0	3
## 2113	117.50	106	0	0	4
## 2114	88.90	305	0	0	4
## 2115	108.90	306	0	0	4
## 2117	52.50	119	0	0	3
## 2118	120.20	114	0	1	3
## 2119	70.40	113	0	0	4
## 2120	104.30	118	0	0	3
## 2122	85.70	113	0	0	4
## 2123	79.00	214	1	0	4
## 2124	87.10	105	0	0	1
## 2125	78.00	118	0	0	4
## 2126	80.30	301	0	0	4
## 2127	79.00	301	0	0	4
## 2128	78.10	106	0	0	1
## 2130	84.00	124	0	0	4
## 2131	61.40	106	0	0	4
## 2132	95.40	203	1	0	4
## 2133	95.25	113	0	0	4
## 2134	137.44	304	0	0	4
## 2135	77.10	117	0	0	4
## 2136	100.00	118	0	0	4
## 2137	71.00	122	0	0	2
## 2138	76.00	308	1	0	3
## 2139	121.00	108	0	0	1
## 2140	79.70	116	0	0	4
## 2141	80.00	117	0	0	4
## 2142	119.00	110	0	0	4



## 2143	65.90	302	0	0	4
## 2144	119.40	301	0	0	3
## 2145	69.85	213	1	0	4
## 2146	80.40	203	1	0	4
## 2147	77.40	202	1	0	4
## 2148	80.30	308	1	0	1
## 2150	75.00	124	0	0	4
## 2151	66.20	102	0	1	3
## 2153	66.50	202	1	0	3
## 2155	69.00	301	0	0	1
## 2157	60.00	124	0	0	3
## 2158	67.40	113	0	0	3
## 2159	56.00	302	1	0	4
## 2160	118.32	113	0	0	2
## 2161	81.60	110	0	0	4
## 2162	84.00	122	0	0	4
## 2163	68.30	118	0	0	2
## 2164	102.50	112	0	0	4
## 2165	66.60	122	0	0	3
## 2166	90.00	305	0	0	4
## 2167	72.00	113	0	0	4
## 2168	98.80	110	0	0	4
## 2169	80.30	303	1	0	4
## 2170	45.50	105	0	0	4
## 2171	82.10	124	0	0	4
## 2172	106.00	122	0	0	4
## 2174	84.74	102	0	0	1
## 2175	54.20	301	0	0	4
## 2176	113.00	307	0	0	4
## 2177	80.80	122	0	0	4
## 2178	99.70	112	0	0	4
## 2179	109.10	302	0	0	4
## 2180	70.80	113	0	0	4
## 2181	68.00	122	0	0	4
## 2182	111.85	123	0	0	4
## 2184	68.90	218	1	0	4
## 2185	80.30	106	0	0	4
## 2187	106.80	117	0	0	4
## 2188	122.70	308	1	0	4
## 2189	80.30	113	0	0	4
## 2190	99.79	117	0	0	4
## 2195	72.80	112	0	0	4
## 2196	80.30	122	0	0	1
## 2197	54.20	119	0	0	4
## 2198	81.64	119	0	0	4
## 2199	108.90	118	0	0	4
## 2200	68.00	124	0	0	4
## 2201	113.20	304	0	0	4
## 2202	112.00	303	0	0	4
## 2203	81.60	120	0	0	3
## 2204	77.40	113	0	0	4
## 2205	123.00	106	0	0	3
## 2206	66.60	122	0	0	3
## 2207	130.00	105	0	0	4

## 2208	59.10	303	0	0	3
## 2209	59.00	113	0	0	3
## 2210	78.29	119	0	0	4
## 2211	67.60	303	1	0	4
## 2212	73.00	112	0	0	4
## 2213	95.00	124	0	1	3
## 2214	112.10	110	0	0	4
## 2215	90.70	102	0	0	3
## 2216	105.70	302	0	0	4
## 2218	97.00	302	1	0	4
## 2219	163.60	118	0	0	4
## 2220	86.90	303	0	0	3
## 2221	73.60	203	1	0	4
## 2223	59.90	113	0	0	3
## 2224	73.50	302	0	0	4
## 2225	92.00	308	1	0	4
## 2226	87.40	202	1	0	4
## 2227	103.70	124	0	0	3
## 2229	77.10	113	0	0	4
## 2231	86.60	307	0	0	1
## 2232	67.50	301	0	0	3
## 2234	110.60	110	0	0	2
## 2235	57.30	117	0	0	4
## 2238	65.00	118	0	0	4
## 2240	116.70	117	0	0	4
## 2241	105.80	302	0	0	4
## 2243	73.90	117	0	0	4
## 2244	81.60	113	0	0	2
## 2245	80.30	101	0	0	4
## 2246	65.30	113	0	0	4
## 2247	123.60	113	0	1	4
## 2249	91.80	301	0	0	4
## 2250	98.00	203	1	0	4
## 2251	59.00	105	0	0	4
## 2252	94.90	119	0	0	1
## 2253	60.60	124	0	0	4
## 2254	70.50	113	0	0	3
## 2255	81.64	106	0	0	4
## 2256	82.40	113	0	0	4
## 2258	83.00	304	1	0	4
## 2259	68.10	123	0	0	4
## 2260	152.80	301	0	0	4
## 2261	77.30	119	0	0	2
## 2262	68.30	302	0	0	3
## 2263	58.10	113	0	0	4
## 2266	69.00	102	0	0	2
## 2267	118.40	120	0	0	1
## 2269	70.20	117	0	0	4
## 2270	92.00	302	0	0	4
## 2272	73.00	304	0	0	4
## 2273	95.30	105	0	0	4
## 2274	77.11	304	1	0	4
## 2275	84.82	302	0	0	4
## 2276	111.40	302	0	0	4

## 2277	84.40	117	0	0	4
## 2278	95.90	112	0	0	4
## 2281	71.70	122	0	0	4
## 2282	50.00	301	0	0	2
## 2285	63.20	303	1	0	4
## 2286	83.60	303	0	0	4
## 2287	89.40	202	1	0	4
## 2288	80.30	117	0	0	3
## 2289	80.30	217	1	0	4
## 2290	104.30	304	1	0	4
## 2294	61.00	113	0	0	4
## 2296	186.00	109	0	0	4
## 2297	64.20	112	0	0	4
## 2299	64.90	302	0	0	4
## 2300	60.90	124	0	0	4
## 2301	67.73	106	0	0	4
## 2302	86.20	124	0	0	4
## 2303	65.10	302	0	0	3
## 2304	124.30	304	0	0	4
## 2305	80.30	217	1	0	4
## 2307	102.30	302	0	0	4
## 2308	74.00	105	0	0	4
## 2309	71.70	106	0	0	4
## 2310	65.80	306	0	0	4
## 2312	84.00	305	0	0	4
## 2314	88.00	203	1	0	3
## 2315	75.30	113	0	0	3
## 2316	65.80	106	0	0	1
## 2317	130.50	113	0	0	3
## 2318	88.60	203	1	0	3
## 2320	101.40	302	0	0	4
## 2322	54.43	112	0	0	4
## 2323	80.10	203	1	0	4
## 2324	99.40	308	1	0	3
## 2327	70.80	302	0	0	4
## 2328	77.10	113	0	0	1
## 2329	113.60	203	1	0	1
## 2330	79.30	301	0	0	4
## 2331	54.00	307	0	0	1
## 2333	88.00	113	0	0	1
## 2335	60.70	123	0	0	4
## 2336	58.60	307	0	0	4
## 2339	78.60	303	0	0	4
## 2340	68.40	121	0	0	2
## 2341	101.56	122	0	0	1
## 2342	74.50	117	0	0	4
## 2343	87.50	112	0	0	4
## 2344	70.30	124	0	0	4
## 2347	84.00	302	0	0	4
## 2348	86.40	302	1	0	4
## 2349	76.10	112	0	0	4
## 2350	186.00	106	0	0	4
## 2352	59.00	112	0	0	4
## 2354	65.00	301	0	0	3

## 2355 104.50	203	1	0	3
## 2356 46.90	301	0	0	4
## 2357 95.40	302	1	0	3
## 2358 70.50	112	0	0	4
## 2359 122.00	306	1	0	4
## 2360 111.10	307	0	0	4
## 2361 119.30	123	0	0	4
## 2363 87.80	122	0	0	2
## 2364 79.50	304	0	0	4
## 2365 86.40	303	0	0	3
## 2368 49.80	113	0	0	4
## 2369 102.10	308	0	0	4
## 2370 89.00	304	1	0	3
## 2371 51.70	301	0	0	3
## 2372 99.80	124	0	0	4
## 2373 127.00	121	0	0	3
## 2374 95.30	304	0	0	4
## 2375 77.30	115	0	0	4
## 2376 83.60	123	0	0	4
## 2377 75.00	214	1	0	3
## 2378 93.10	308	1	0	1
## 2379 84.90	308	1	0	4
## 2381 90.00	123	0	0	4
## 2382 75.80	123	0	0	4
## 2383 86.20	101	0	0	4
## 2384 77.30	308	0	0	4
## 2385 85.90	302	0	0	3
## 2386 48.40	118	0	0	3
## 2387 70.50	123	0	0	4
## 2388 77.10	113	0	0	4
## 2390 81.00	207	1	0	1
## 2391 85.70	109	0	0	4
## 2393 82.30	302	0	0	4
## 2394 75.00	302	0	0	4
## 2395 97.90	308	1	0	4
## 2397 61.30	117	0	0	4
## 2398 96.64	203	1	0	3
## 2399 99.80	122	0	0	4
## 2400 64.00	307	0	0	2
## 2401 136.00	303	0	0	4
## 2402 90.70	302	0	0	4
## 2404 80.30	122	0	0	4
## 2407 92.30	110	0	0	4
## 2412 126.55	122	0	0	4
## 2413 103.60	122	0	0	3
## 2414 72.57	102	0	0	4
## 2415 87.00	112	0	0	4
## 2416 84.00	113	0	0	4
## 2417 74.80	207	1	0	4
## 2419 57.50	303	1	0	4
## 2421 47.90	121	0	0	4
## 2422 68.00	113	0	0	2
## 2423 103.50	207	1	0	4
## 2424 68.10	113	0	0	4

##	2425	86.20	113	0	0	3
##	2427	130.00	119	0	0	4
##	2428	78.00	121	0	0	2
##	2429	56.20	113	0	0	4
##	2431	78.40	301	0	0	4
##	2432	66.22	123	0	1	4
##	2433	79.30	124	0	0	4
##	2434	124.00	116	0	0	4
##	2437	49.90	117	0	0	3
##	2438	140.80	202	1	0	4
##	2440	104.00	121	0	0	4
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## 2324	6	0	1	101
## 2327	6	0	5	49
## 2328	1	0	1	94
## 2329	5	0	1	128

## 2330	5	0	4	125
## 2331	1	0	1	106
## 2333	4	0	2	90
## 2335	6	0	5	99
## 2336	6	0	5	100
## 2339	6	0	5	120
## 2340	4	0	1	100
## 2341	4	0	2	109
## 2342	6	0	5	96
## 2343	6	0	5	97
## 2344	6	0	5	99
## 2347	6	0	5	85
## 2348	6	0	4	107
## 2349	6	0	5	102
## 2350	6	0	5	105
## 2352	6	0	5	49
## 2354	6	0	1	48
## 2355	5	0	1	140
## 2356	6	0	4	52
## 2357	6	0	1	80
## 2358	6	0	5	38
## 2359	6	0	5	90
## 2360	6	0	4	97
## 2361	5	0	4	102
## 2363	5	0	3	136
## 2364	6	0	5	112
## 2365	4	0	4	100
## 2368	6	0	4	178
## 2369	6	0	5	51
## 2370	6	0	1	133
## 2371	6	0	1	116
## 2372	6	0	5	108
## 2373	6	0	1	100
## 2374	6	0	5	135
## 2375	6	0	5	90
## 2376	6	0	5	112
## 2377	6	0	3	111
## 2378	1	0	1	99
## 2379	6	0	5	52
## 2381	6	0	5	114
## 2382	6	0	5	137
## 2383	6	0	5	132
## 2384	6	0	5	96
## 2385	6	0	5	59
## 2386	5	0	5	114
## 2387	6	0	5	109
## 2388	6	0	1	120
## 2390	1	0	1	112
## 2391	6	0	5	60
## 2393	6	0	5	107
## 2394	6	0	5	57
## 2395	6	0	5	101
## 2397	6	0	5	94
## 2398	5	0	1	56



## 2399	6	0	5	123	
## 2400	4	0	2	108	
## 2401	6	0	5	106	
## 2402	6	0	5	54	
## 2404	6	0	5	62	
## 2407	6	0	5	94	
## 2412	6	0	5	94	
## 2413	6	0	3	106	
## 2414	6	0	5	121	
## 2415	6	0	5	44	
## 2416	6	0	5	115	
## 2417	6	0	4	158	
## 2419	6	0	5	52	
## 2421	6	0	4	110	
## 2422	5	0	1	117	
## 2423	5	0	1	97	
## 2424	6	0	4	113	
## 2425	5	0	1	50	
## 2427	6	0	3	96	
## 2428	1	0	1	136	
## 2429	6	0	5	106	
## 2431	6	0	5	139	
## 2432	6	0	5	94	
## 2433	6	0	5	93	
## 2434	6	0	5	126	
## 2437	6	0	1	96	
## 2438	6	0	5	114	
## 2440	6	0	5	107	
##	intubated_apache	map_apache	resprate_apache	temp_apache	ventilated_apache
## 1	0	48	14.0	36.80	1
## 2	1	130	5.0	36.60	1
## 3	0	118	4.0	36.90	0
## 4	0	127	41.0	37.00	0
## 6	0	150	35.0	37.10	0
## 7	0	69	45.0	35.60	0
## 8	1	51	38.0	36.40	1
## 9	0	117	16.0	36.80	0
## 10	0	120	38.0	35.90	0
## 11	0	147	28.0	37.10	0
## 12	0	53	8.0	36.60	0
## 13	0	64	32.0	35.60	0
## 15	0	69	26.0	36.40	0
## 17	0	102	15.0	36.80	0
## 18	1	58	35.0	36.10	1
## 19	0	64	24.0	37.20	0
## 20	0	135	33.0	37.00	1
## 21	0	47	30.0	37.60	0
## 22	0	129	53.0	37.80	1
## 23	0	141	38.0	35.80	1
## 24	0	157	41.0	35.30	0
## 25	0	144	28.0	36.80	1
## 27	1	55	5.0	35.70	1
## 30	0	113	44.0	36.40	0
## 31	0	152	7.0	36.50	0

## 32	0	56	6.0	36.40	0
## 33	0	43	4.0	36.60	0
## 34	0	54	32.0	36.60	0
## 35	0	115	44.0	36.60	0
## 36	1	52	37.0	36.50	1
## 37	0	69	10.0	36.30	0
## 38	0	111	49.0	36.00	0
## 41	0	61	32.0	36.00	1
## 42	0	52	42.0	34.30	0
## 43	0	66	11.0	36.90	0
## 44	0	53	45.0	35.60	0
## 45	1	40	12.0	34.80	1
## 46	0	41	59.0	36.20	0
## 47	0	68	11.0	36.70	0
## 48	0	54	56.0	36.50	0
## 49	0	129	31.0	36.30	0
## 50	1	139	38.0	36.27	1
## 51	1	65	34.0	35.90	1
## 52	0	126	8.0	35.10	1
## 53	0	113	29.0	36.30	0
## 54	0	74	12.0	36.60	0
## 55	0	65	22.0	37.27	0
## 56	0	74	58.0	36.20	0
## 57	0	114	10.0	36.60	0
## 58	0	54	10.0	36.50	0
## 59	1	132	28.0	34.20	1
## 62	0	142	10.0	36.20	0
## 63	0	155	31.0	36.60	0
## 64	0	110	31.0	37.00	0
## 65	0	49	34.0	36.10	0
## 66	0	60	10.0	36.40	0
## 67	0	46	24.0	36.40	0
## 68	0	69	9.0	36.30	0
## 69	0	125	37.0	36.80	1
## 70	0	42	10.0	36.50	0
## 71	0	121	32.0	36.00	0
## 73	0	128	7.0	36.60	0
## 74	0	127	50.0	36.60	0
## 75	0	198	10.0	36.50	1
## 76	0	62	11.0	36.40	0
## 77	0	53	29.0	38.50	0
## 78	0	40	26.0	36.30	0
## 79	0	111	32.0	36.70	0
## 80	0	148	36.0	36.10	0
## 82	0	61	11.0	36.80	0
## 83	1	135	23.0	36.10	1
## 84	0	42	8.0	36.30	0
## 85	0	56	7.0	36.40	0
## 87	0	56	41.0	36.80	0
## 88	0	179	42.0	35.80	0
## 89	0	177	9.0	36.10	1
## 91	0	169	31.0	36.60	0
## 93	0	57	9.0	36.70	0
## 94	0	123	46.0	36.50	0

## 95	0	65	12.0	36.70	0
## 96	0	107	8.0	36.40	0
## 97	0	61	37.0	36.55	0
## 98	0	60	41.0	36.10	0
## 99	0	197	25.0	36.40	0
## 100	0	42	29.0	36.60	0
## 101	0	138	30.0	36.80	0
## 102	1	135	10.0	35.40	1
## 103	0	57	37.0	36.30	0
## 104	0	64	33.0	36.00	0
## 105	0	136	44.0	36.30	0
## 106	0	66	12.0	37.50	1
## 107	1	42	38.0	36.10	1
## 108	0	112	59.0	36.60	1
## 109	0	56	13.0	36.60	0
## 110	0	50	8.0	36.60	1
## 111	0	134	11.0	36.44	0
## 112	0	130	28.0	36.60	1
## 114	0	96	10.0	36.20	0
## 115	0	62	39.0	35.80	0
## 118	1	45	36.0	37.80	1
## 119	0	57	9.0	37.20	0
## 120	0	63	42.0	36.70	0
## 121	0	119	24.0	36.40	0
## 125	0	71	13.0	36.70	0
## 126	0	56	10.0	36.55	0
## 127	0	68	30.0	35.70	0
## 128	0	117	12.0	36.60	0
## 129	0	46	12.0	35.70	0
## 130	0	61	14.0	36.10	0
## 132	0	136	44.0	36.50	1
## 133	0	121	8.0	36.30	0
## 134	0	146	52.0	36.30	0
## 136	0	128	32.0	36.80	0
## 138	0	133	34.0	35.80	1
## 139	0	60	33.0	36.40	0
## 141	0	46	8.0	36.40	0
## 143	0	160	55.0	36.90	0
## 144	0	122	47.0	36.50	0
## 145	0	71	13.0	36.00	0
## 146	0	55	60.0	36.50	0
## 147	0	136	46.0	36.70	0
## 148	1	187	4.0	33.00	1
## 150	0	59	29.0	35.50	1
## 151	0	74	12.0	37.50	0
## 152	0	186	7.0	36.50	0
## 153	0	65	34.0	37.10	1
## 155	0	42	7.0	35.70	0
## 157	0	52	27.0	36.30	0
## 159	0	110	33.0	36.60	0
## 160	1	152	32.0	36.20	1
## 161	0	114	9.0	36.70	0
## 162	0	66	8.0	36.40	0
## 163	0	124	43.0	35.80	0

## 164	0	60	11.0	36.40	1
## 165	0	59	7.0	36.00	0
## 166	0	70	7.0	35.30	0
## 167	1	57	13.0	36.00	1
## 168	0	123	28.0	36.50	0
## 170	0	69	60.0	36.50	0
## 171	0	66	29.0	36.80	0
## 172	0	136	41.0	36.70	1
## 173	0	41	27.0	36.80	0
## 174	1	137	37.0	36.80	1
## 175	0	47	36.0	39.30	0
## 176	0	46	37.0	36.40	0
## 177	0	75	31.0	36.40	0
## 178	0	58	47.0	36.50	0
## 179	0	57	37.0	36.30	0
## 180	1	72	40.0	36.40	1
## 181	1	110	8.0	36.90	1
## 182	0	176	32.0	37.20	0
## 183	0	57	31.0	36.50	0
## 184	0	43	14.0	36.00	0
## 186	0	119	6.0	35.80	0
## 188	0	66	30.0	36.10	0
## 189	0	132	26.0	37.30	0
## 190	1	148	40.0	36.80	1
## 191	1	58	38.0	36.30	1
## 193	0	154	37.0	36.00	0
## 198	0	56	39.0	36.40	0
## 200	0	66	39.0	36.90	1
## 201	0	130	46.0	36.50	0
## 202	0	169	39.0	36.70	0
## 203	0	157	42.0	36.50	1
## 204	0	69	29.0	36.40	0
## 205	0	134	13.0	36.50	0
## 206	0	104	11.0	36.20	0
## 207	0	41	4.0	36.10	1
## 208	0	57	35.0	36.20	1
## 209	0	123	9.0	36.80	0
## 211	0	108	35.0	35.60	1
## 212	0	129	7.0	36.60	0
## 213	0	60	42.0	36.00	0
## 214	0	123	44.0	37.30	0
## 215	1	57	4.0	36.80	1
## 217	1	59	4.0	36.40	1
## 218	0	55	57.0	35.80	0
## 219	0	43	9.0	36.50	0
## 221	0	70	26.0	35.90	0
## 222	0	191	58.0	36.50	1
## 223	0	54	33.0	36.70	0
## 224	0	48	41.0	37.20	0
## 225	0	151	9.0	36.50	0
## 226	0	149	7.0	36.60	0
## 228	0	137	34.0	36.22	0
## 229	0	60	11.0	36.40	0
## 230	0	60	56.0	37.10	0

## 231	0	143	26.0	36.60	1
## 232	0	114	4.0	37.30	0
## 233	0	126	11.0	35.80	0
## 235	0	120	9.0	36.70	0
## 236	0	139	12.0	36.40	0
## 237	0	118	55.0	36.60	1
## 238	0	127	29.0	36.60	0
## 239	0	40	32.0	36.40	0
## 241	0	56	4.0	36.40	0
## 242	1	56	27.0	36.00	1
## 243	0	52	29.0	36.40	0
## 244	0	68	27.0	36.20	0
## 246	1	58	43.0	35.30	1
## 247	0	67	44.0	35.40	0
## 248	0	113	43.0	36.60	0
## 250	0	67	31.0	36.60	0
## 251	1	114	11.0	36.70	1
## 252	0	141	43.0	36.20	0
## 253	0	121	43.0	32.10	0
## 254	0	50	36.0	36.80	0
## 255	0	140	5.0	36.00	0
## 256	0	145	46.0	35.50	0
## 257	1	197	5.0	36.30	1
## 258	1	142	33.0	37.00	1
## 259	0	44	25.0	37.40	0
## 260	0	56	4.0	36.60	1
## 262	1	41	7.0	36.70	1
## 263	0	155	6.0	36.60	0
## 264	0	70	8.0	36.50	0
## 265	0	42	27.0	36.40	0
## 266	0	73	32.0	35.90	0
## 267	0	54	37.0	36.44	0
## 268	0	65	5.0	36.80	0
## 269	0	52	35.0	36.16	0
## 270	0	126	33.0	36.30	0
## 271	0	43	38.0	36.10	0
## 272	0	66	26.0	36.40	1
## 273	0	121	23.0	35.70	1
## 274	0	60	38.0	36.10	0
## 275	0	66	11.0	36.80	0
## 276	1	164	42.0	36.90	1
## 278	0	68	34.0	36.72	0
## 279	1	62	7.0	36.20	1
## 280	0	43	10.0	36.90	1
## 281	0	139	7.0	36.30	0
## 282	1	57	32.0	35.90	1
## 284	0	55	15.0	35.20	0
## 285	1	56	38.0	37.50	1
## 286	0	179	37.0	39.70	0
## 287	0	118	47.0	36.50	0
## 288	0	56	4.0	36.80	0
## 289	0	74	38.0	36.40	0
## 291	0	105	11.0	36.40	1
## 292	0	173	6.0	37.90	1

## 294	0	120	4.0	36.40	0
## 295	1	138	38.0	36.80	1
## 296	0	139	53.0	35.90	1
## 297	0	132	8.0	36.50	0
## 298	0	65	10.0	36.05	0
## 299	1	49	10.0	35.80	1
## 300	0	47	51.0	36.20	1
## 301	0	42	10.0	35.70	0
## 303	1	52	36.0	36.20	1
## 304	0	51	39.0	36.66	1
## 306	0	45	4.0	36.40	0
## 307	0	70	11.0	36.70	0
## 309	0	66	10.0	36.20	0
## 310	0	128	42.0	36.80	0
## 312	0	68	35.0	36.50	0
## 313	0	50	31.0	35.70	1
## 314	0	52	10.0	34.30	0
## 315	0	64	47.0	36.70	0
## 316	1	53	10.0	36.70	1
## 317	0	66	36.0	36.72	0
## 318	0	166	30.0	36.70	0
## 319	0	109	45.0	36.40	0
## 321	1	50	10.0	35.50	1
## 323	0	117	39.0	36.30	0
## 324	0	40	9.0	37.90	0
## 325	0	55	30.0	35.80	0
## 326	0	60	46.0	36.60	0
## 327	0	49	28.0	36.40	0
## 328	0	149	26.0	36.40	0
## 329	0	56	7.0	35.60	1
## 331	0	49	33.0	36.60	0
## 334	0	117	33.0	36.80	0
## 335	0	68	57.0	38.90	0
## 336	0	66	7.0	37.20	0
## 337	0	52	12.0	35.90	0
## 338	0	73	29.0	36.10	0
## 340	0	62	10.0	36.80	0
## 342	0	71	44.0	36.20	0
## 343	0	50	32.0	35.00	1
## 345	0	197	10.0	36.40	1
## 346	0	110	5.0	36.20	0
## 347	0	106	8.0	36.88	0
## 348	0	70	12.0	36.30	0
## 350	1	54	10.0	35.60	1
## 351	1	47	32.0	32.20	1
## 352	0	135	45.0	36.20	0
## 353	0	158	10.0	36.70	0
## 354	0	43	4.0	36.50	0
## 357	0	67	10.0	36.40	0
## 358	1	61	36.0	36.30	1
## 359	0	110	14.0	36.60	1
## 360	0	129	7.0	35.90	0
## 361	1	64	8.0	36.50	1
## 362	0	72	7.0	36.40	0

## 363	0	40	7.0	35.10	0
## 364	0	57	10.0	37.60	1
## 367	0	118	51.0	36.30	1
## 368	0	138	25.0	36.90	0
## 370	0	60	6.0	36.00	1
## 372	1	54	5.0	35.80	1
## 374	0	50	37.0	36.40	0
## 375	0	54	49.0	39.20	0
## 376	0	73	35.0	37.50	1
## 377	0	130	56.0	36.80	0
## 378	0	64	32.0	36.40	0
## 379	0	56	13.0	36.50	0
## 380	0	43	27.0	37.00	0
## 381	0	120	8.0	36.50	0
## 382	1	147	39.0	35.70	1
## 383	0	58	14.0	36.70	0
## 384	0	161	33.0	37.30	1
## 385	0	150	13.0	36.60	0
## 386	0	64	10.0	36.40	0
## 387	0	124	30.0	35.80	1
## 388	0	119	11.0	36.50	0
## 391	0	67	11.0	36.60	0
## 392	1	56	14.0	35.90	1
## 393	0	46	11.0	36.60	0
## 394	0	78	4.0	36.80	0
## 395	0	104	22.0	36.50	0
## 397	0	134	9.0	36.60	0
## 398	0	44	31.0	37.00	0
## 399	0	138	11.0	36.00	0
## 400	0	59	28.0	36.38	0
## 401	1	48	34.0	35.70	1
## 402	0	53	35.0	36.70	0
## 403	0	113	25.0	36.40	0
## 404	0	128	11.0	36.40	0
## 405	0	63	35.0	36.10	0
## 406	0	184	28.0	36.70	0
## 407	0	66	58.0	37.20	0
## 408	0	53	10.0	36.40	0
## 409	0	55	41.0	36.30	0
## 410	0	132	12.0	35.70	0
## 411	1	50	12.0	36.70	1
## 414	0	135	8.0	36.30	0
## 416	0	64	29.0	36.20	0
## 417	0	118	37.0	36.20	1
## 418	0	63	4.0	36.50	1
## 419	0	173	28.0	37.00	1
## 420	0	125	8.0	36.70	0
## 421	0	132	45.0	36.40	1
## 423	0	142	29.0	36.44	1
## 424	0	132	18.0	36.30	0
## 426	0	54	13.0	35.90	1
## 427	0	60	24.0	36.40	1
## 428	0	111	26.0	36.40	0
## 429	0	40	27.0	36.30	0

## 430	0	51	9.0	36.20	0
## 431	0	129	39.0	36.40	1
## 432	0	135	6.0	37.30	0
## 433	0	54	10.0	37.00	1
## 435	0	51	26.0	36.50	0
## 436	0	113	9.0	36.20	1
## 437	0	194	28.0	36.66	1
## 439	0	72	11.0	36.50	0
## 440	0	65	24.0	36.40	0
## 443	0	159	52.0	36.50	0
## 444	1	45	9.0	36.30	1
## 446	0	99	12.0	36.50	0
## 448	0	68	11.0	36.50	0
## 449	0	51	33.0	36.80	0
## 450	0	66	30.0	36.50	0
## 451	0	71	26.0	36.40	0
## 452	0	174	46.0	36.50	1
## 455	0	60	12.0	36.60	0
## 456	0	55	12.0	36.50	0
## 457	0	58	13.0	36.00	0
## 458	0	49	34.0	36.20	0
## 459	0	58	38.0	37.00	0
## 460	1	57	11.0	36.30	1
## 461	0	52	24.0	39.50	1
## 463	0	46	11.0	36.30	0
## 464	1	52	5.0	36.70	1
## 465	0	140	53.0	36.60	0
## 466	0	57	37.0	36.10	0
## 467	0	64	8.0	36.30	1
## 468	0	126	12.0	36.30	0
## 469	0	40	32.0	36.70	0
## 470	0	132	16.0	36.50	0
## 471	0	72	31.0	38.30	1
## 472	0	72	24.0	36.20	0
## 473	1	172	42.0	36.60	1
## 475	0	154	58.0	36.40	0
## 477	0	128	47.0	36.00	0
## 478	1	69	12.0	37.10	1
## 479	1	42	33.0	36.30	1
## 480	0	115	28.0	36.80	1
## 481	0	136	32.0	36.10	0
## 482	0	144	33.0	35.40	0
## 483	0	138	45.0	36.10	0
## 484	0	75	48.0	37.80	0
## 485	0	48	36.0	36.50	0
## 486	0	170	30.0	36.20	1
## 487	0	58	12.0	36.40	1
## 488	0	72	37.0	36.40	0
## 489	0	114	10.0	36.70	0
## 490	1	119	32.0	36.80	1
## 491	0	129	48.0	35.60	1
## 492	0	112	11.0	36.50	0
## 494	1	43	7.0	36.38	1
## 495	1	42	36.0	36.20	1



## 496	0	44	10.0	36.50	0
## 497	0	58	9.0	36.38	0
## 498	0	140	28.0	36.50	0
## 499	0	120	30.0	36.60	1
## 500	0	62	10.0	36.80	0
## 501	0	128	11.0	38.80	1
## 504	0	147	11.0	36.00	0
## 505	1	189	4.0	32.10	1
## 507	0	196	5.0	36.20	0
## 509	1	47	32.0	33.10	1
## 510	0	52	35.0	36.80	1
## 511	0	154	24.0	37.00	0
## 514	1	111	29.0	36.70	1
## 515	0	64	4.0	36.50	0
## 516	1	69	23.0	36.80	1
## 517	0	142	45.0	36.90	0
## 518	0	53	4.0	36.70	0
## 519	0	126	58.0	36.60	0
## 520	0	66	13.0	36.60	0
## 522	0	136	30.0	36.20	0
## 523	0	49	31.0	36.20	0
## 525	0	121	9.0	36.80	0
## 527	0	53	8.0	35.70	0
## 528	0	135	27.0	36.90	0
## 529	0	74	60.0	36.50	0
## 530	1	46	4.0	35.90	1
## 531	0	75	10.0	37.10	0
## 532	0	117	29.0	35.30	0
## 533	0	116	42.0	36.30	0
## 534	0	55	33.0	36.50	0
## 535	0	51	34.0	36.20	1
## 537	0	137	43.0	36.10	0
## 538	1	69	25.0	36.60	1
## 539	1	62	10.0	37.20	1
## 540	0	41	36.0	36.60	0
## 541	0	67	54.0	36.50	0
## 542	0	124	11.0	36.70	0
## 544	0	146	12.0	37.00	0
## 545	0	124	6.0	36.70	0
## 546	0	46	28.0	36.10	0
## 551	0	154	37.0	37.10	0
## 552	0	61	34.0	36.70	0
## 553	0	66	12.0	36.40	1
## 554	0	46	31.0	36.40	1
## 557	0	121	33.0	36.10	1
## 558	0	53	14.0	36.40	0
## 559	0	63	13.0	36.61	0
## 561	0	73	37.0	37.20	1
## 563	0	47	12.0	36.66	1
## 565	0	140	44.0	36.60	0
## 567	0	69	30.0	36.00	0
## 568	0	58	35.0	36.60	0
## 569	0	54	30.0	36.90	1
## 570	0	52	34.0	36.30	0

## 571	1	70	11.0	37.00	1
## 573	0	70	49.0	36.60	0
## 574	0	61	8.0	37.30	1
## 575	0	113	36.0	36.10	0
## 576	0	68	9.0	36.40	0
## 577	0	61	20.0	36.50	0
## 578	0	107	4.0	36.40	1
## 579	0	62	9.0	36.00	0
## 582	0	134	41.0	36.60	0
## 583	0	104	12.0	36.60	0
## 584	0	43	60.0	36.30	0
## 585	0	59	6.0	36.70	0
## 586	1	126	6.0	35.80	1
## 587	0	135	14.0	36.40	0
## 590	1	41	27.0	36.30	1
## 593	0	127	15.0	36.60	0
## 594	1	49	28.0	36.40	1
## 595	0	50	24.0	36.00	0
## 596	0	60	11.0	36.20	0
## 597	0	56	31.0	36.10	0
## 598	0	61	35.0	36.80	0
## 599	0	73	33.0	36.00	0
## 600	0	69	29.0	35.90	0
## 601	0	52	30.0	36.40	0
## 602	0	102	54.0	36.60	0
## 603	0	108	6.0	36.50	0
## 604	0	44	28.0	36.30	0
## 605	0	48	40.0	36.40	1
## 606	0	115	41.0	36.50	0
## 608	0	120	35.0	36.90	0
## 609	0	42	38.0	36.20	0
## 610	0	58	53.0	36.70	1
## 611	0	40	7.0	36.70	0
## 613	0	117	13.0	36.70	0
## 614	0	62	25.0	36.20	1
## 616	0	73	56.0	35.80	0
## 617	0	60	14.0	36.80	0
## 618	0	67	13.0	36.70	0
## 619	0	69	9.0	36.40	0
## 620	0	112	57.0	36.55	0
## 622	0	48	52.0	36.80	0
## 623	0	64	32.0	36.70	0
## 625	0	56	34.0	36.90	0
## 627	0	49	27.0	36.50	0
## 629	0	183	7.0	36.30	1
## 630	1	48	12.0	36.70	1
## 632	1	46	8.0	35.50	1
## 633	0	126	55.0	36.40	0
## 634	0	62	29.0	36.70	0
## 637	0	53	29.0	36.10	0
## 639	0	163	34.0	36.80	1
## 640	0	155	36.0	36.90	1
## 641	0	74	10.0	36.70	0
## 642	0	174	60.0	36.40	1

## 643	1	68	14.0	39.30	1
## 645	0	113	7.0	35.70	0
## 646	0	73	9.0	36.10	0
## 647	0	108	45.0	36.40	0
## 649	0	131	41.0	36.40	0
## 651	0	54	7.0	36.00	1
## 652	1	53	30.0	36.40	1
## 654	0	58	50.0	36.70	0
## 655	0	132	58.0	36.60	0
## 656	0	40	38.0	38.70	1
## 658	0	62	25.0	37.10	0
## 659	0	150	28.0	36.44	0
## 661	0	57	12.0	36.70	1
## 664	0	167	18.0	35.10	0
## 665	0	63	35.0	36.30	0
## 666	0	65	24.0	36.90	0
## 667	0	50	18.0	36.80	0
## 668	0	159	8.0	36.50	1
## 669	1	139	12.0	36.10	1
## 670	0	56	29.0	36.40	1
## 671	0	49	27.0	36.90	0
## 673	0	47	34.0	32.10	0
## 674	0	53	10.0	36.70	0
## 677	0	133	45.0	36.40	0
## 679	0	181	7.0	36.40	0
## 681	0	124	23.0	35.70	1
## 682	0	137	5.0	36.40	0
## 683	0	132	59.0	36.80	0
## 684	0	40	7.0	36.70	0
## 686	1	133	38.0	36.22	1
## 688	0	132	6.0	36.10	0
## 689	0	200	12.0	36.50	0
## 690	0	51	12.0	36.90	0
## 692	0	61	29.0	36.30	0
## 693	0	139	16.0	36.55	0
## 694	0	139	59.0	36.60	0
## 695	0	50	16.0	36.40	0
## 696	0	117	28.0	36.80	0
## 697	0	52	39.0	36.30	1
## 698	0	56	4.0	36.30	0
## 699	0	51	8.0	36.40	0
## 700	1	46	42.0	35.90	1
## 701	1	120	11.0	36.80	1
## 702	0	42	47.0	36.90	0
## 703	1	58	7.0	35.20	1
## 704	0	61	35.0	36.50	0
## 705	0	132	16.0	36.30	0
## 706	0	146	36.0	36.40	0
## 707	0	43	25.0	36.80	0
## 708	0	111	11.0	36.70	0
## 709	1	44	13.0	36.40	1
## 710	0	54	30.0	36.50	0
## 711	0	157	7.0	36.80	0
## 714	0	52	28.0	36.10	1

## 715	0	46	34.0	36.20	0
## 716	0	129	45.0	36.70	0
## 717	0	116	5.0	36.10	0
## 718	0	63	36.0	36.90	0
## 720	0	67	28.0	36.50	0
## 722	1	188	30.0	35.80	1
## 724	0	63	33.0	35.90	0
## 725	0	129	45.0	36.70	0
## 727	0	106	14.0	36.30	0
## 728	0	154	35.0	37.00	0
## 729	0	56	6.0	35.80	1
## 732	0	71	12.0	36.80	0
## 733	0	130	29.0	36.80	0
## 734	0	52	29.0	36.30	0
## 735	0	180	7.0	36.30	0
## 736	0	51	6.0	37.20	0
## 737	0	107	24.0	36.80	0
## 741	0	130	47.0	36.80	0
## 742	0	41	13.0	36.70	0
## 743	0	43	33.0	36.70	0
## 744	0	128	34.0	36.90	0
## 745	0	76	30.0	37.30	0
## 746	0	72	5.0	36.30	1
## 747	0	84	16.0	36.30	0
## 748	0	136	11.0	37.20	0
## 749	0	48	27.0	36.20	0
## 750	0	71	30.0	35.80	0
## 751	0	108	34.0	36.70	0
## 752	0	54	11.0	36.70	0
## 753	0	56	5.0	36.40	0
## 755	0	41	31.0	35.80	0
## 757	0	130	35.0	36.40	0
## 759	1	114	29.0	37.10	1
## 760	0	49	38.0	35.80	1
## 761	1	66	59.0	35.40	1
## 762	0	110	44.0	36.70	0
## 763	1	52	31.0	36.10	1
## 764	0	54	32.0	36.20	0
## 765	0	65	6.0	36.83	0
## 766	0	65	32.0	36.30	0
## 768	1	41	25.0	36.40	1
## 769	0	53	31.0	36.40	0
## 770	0	44	10.0	36.10	1
## 774	0	42	7.0	36.40	0
## 775	0	149	48.0	36.90	0
## 776	0	124	25.0	36.60	0
## 777	0	65	15.0	36.40	0
## 778	0	67	7.0	37.10	0
## 779	1	58	30.0	35.90	1
## 780	0	58	10.0	36.60	1
## 782	0	63	9.0	36.50	0
## 783	0	58	9.0	34.50	0
## 784	0	55	16.0	36.10	0
## 785	0	65	45.0	36.10	1

## 786	1	66	29.0	36.80	1
## 788	0	52	34.0	36.70	0
## 789	0	63	14.0	36.30	1
## 790	0	49	10.0	36.80	0
## 791	0	66	31.0	37.70	0
## 792	0	107	6.0	36.50	0
## 793	1	41	24.0	36.50	1
## 794	0	146	28.0	36.70	0
## 795	0	140	9.0	36.60	0
## 796	0	53	27.0	36.70	0
## 797	0	115	13.0	37.20	0
## 799	0	52	7.0	36.60	0
## 801	0	66	50.0	36.30	1
## 803	1	189	42.0	36.70	1
## 804	0	79	34.0	37.10	0
## 805	0	41	5.0	35.80	0
## 806	0	137	6.0	36.90	0
## 807	0	50	36.0	36.60	1
## 808	0	159	31.0	36.20	1
## 809	0	114	12.0	36.40	0
## 810	0	62	8.0	37.30	0
## 811	1	55	5.0	36.00	1
## 812	0	107	26.0	37.60	0
## 814	0	129	9.0	35.90	0
## 815	0	103	57.0	36.80	0
## 816	0	133	31.0	37.30	0
## 817	0	56	5.0	35.60	1
## 819	0	128	5.0	36.60	0
## 820	0	132	30.0	36.30	0
## 821	0	119	28.0	37.60	0
## 822	0	122	9.0	34.40	0
## 823	0	46	16.0	36.40	1
## 824	0	181	27.0	33.70	1
## 825	0	108	51.0	36.70	0
## 826	1	47	11.0	36.90	1
## 827	0	67	34.0	36.88	0
## 828	0	50	42.0	36.20	0
## 829	0	41	4.0	36.40	0
## 830	1	56	11.0	34.00	1
## 831	1	53	11.0	35.90	1
## 835	0	46	12.0	36.00	1
## 836	0	55	51.0	36.10	0
## 837	0	42	12.0	35.70	0
## 838	0	68	10.0	36.50	0
## 839	0	111	14.0	36.80	0
## 840	0	123	6.0	36.40	0
## 841	0	66	9.0	36.30	0
## 842	0	158	10.0	36.70	0
## 843	0	66	4.0	36.40	0
## 844	0	153	5.0	36.40	0
## 845	0	171	45.0	36.50	0
## 847	0	58	9.0	36.33	0
## 849	1	40	39.0	35.30	1
## 850	0	52	32.0	36.10	0

## 851	0	62	48.0	35.60	1
## 854	0	145	10.0	36.10	0
## 855	0	53	34.0	36.40	0
## 856	0	73	9.0	36.40	0
## 857	1	57	32.0	36.70	1
## 858	1	56	6.0	36.20	1
## 859	0	52	10.0	36.90	1
## 861	0	67	28.0	36.50	0
## 862	0	132	53.0	36.50	1
## 863	0	74	41.0	36.40	0
## 864	0	130	51.0	36.60	0
## 865	0	59	46.0	36.20	0
## 867	0	157	36.0	36.40	0
## 869	0	141	28.0	36.20	0
## 870	0	114	26.0	36.00	0
## 874	0	65	11.0	36.60	0
## 875	0	50	25.0	36.16	0
## 876	0	47	35.0	35.80	0
## 877	1	53	30.0	36.40	1
## 878	0	116	37.0	36.90	0
## 879	1	52	28.0	35.80	1
## 880	0	136	57.0	36.60	0
## 881	0	42	7.0	36.70	0
## 882	0	169	25.0	36.50	0
## 883	0	155	9.0	36.30	0
## 884	0	64	11.0	36.80	0
## 885	0	42	27.0	36.50	1
## 887	0	54	6.0	36.70	0
## 888	1	54	6.0	36.70	1
## 889	0	48	9.0	36.10	0
## 890	0	60	5.0	36.10	0
## 892	0	67	28.0	36.50	0
## 893	0	60	41.0	36.20	1
## 894	0	67	18.0	36.60	0
## 895	0	84	12.0	36.50	1
## 896	1	156	5.0	36.60	1
## 897	0	192	4.0	36.00	0
## 898	0	64	32.0	36.60	0
## 901	0	48	25.0	36.10	0
## 902	0	60	35.0	36.80	0
## 904	1	62	52.0	37.00	1
## 906	0	59	28.0	37.27	1
## 907	0	113	12.0	37.30	0
## 908	0	71	42.0	36.50	0
## 909	0	71	25.0	35.80	0
## 910	0	54	40.0	36.40	0
## 911	0	116	9.0	36.70	0
## 912	0	64	11.0	36.40	0
## 913	1	47	10.0	32.90	1
## 914	0	56	37.0	36.40	0
## 915	0	59	31.0	37.00	0
## 916	1	65	29.0	36.50	1
## 917	0	113	59.0	36.80	0
## 920	0	71	14.0	36.40	0

## 921	0	146	9.0	36.60	0
## 922	0	107	50.0	36.50	0
## 923	0	66	27.0	36.20	0
## 924	0	40	10.0	36.40	0
## 925	0	151	14.0	37.50	0
## 926	0	62	28.0	36.50	0
## 927	0	133	56.0	36.40	1
## 928	0	164	57.0	35.60	0
## 929	0	57	10.0	36.72	0
## 930	0	64	25.0	37.10	0
## 931	0	134	14.0	36.66	0
## 933	0	71	27.0	36.50	0
## 934	0	138	33.0	36.40	1
## 935	0	55	28.0	36.90	0
## 936	0	140	36.0	35.60	0
## 937	0	67	29.0	36.50	0
## 938	0	52	8.0	36.60	0
## 939	0	50	29.0	36.20	0
## 940	0	72	9.0	36.70	0
## 942	0	62	29.0	36.60	0
## 944	0	115	39.0	39.50	0
## 945	0	45	46.0	36.40	0
## 946	0	69	9.0	36.90	0
## 947	1	57	28.0	36.60	1
## 948	0	48	14.0	36.30	0
## 949	1	61	7.0	39.70	1
## 950	0	198	29.0	36.50	0
## 951	0	116	39.0	36.30	0
## 953	1	62	26.0	35.30	1
## 956	1	60	47.0	35.90	1
## 958	0	113	12.0	36.30	0
## 959	0	56	37.0	36.40	0
## 960	0	52	8.0	36.80	0
## 961	1	51	10.0	36.80	1
## 962	0	57	56.0	36.80	0
## 964	0	74	34.0	36.50	0
## 965	0	51	30.0	36.20	0
## 966	0	138	38.0	36.00	0
## 967	0	117	8.0	36.40	0
## 968	0	55	26.0	36.40	0
## 969	0	46	18.0	36.60	0
## 970	0	55	55.0	36.00	0
## 972	0	48	43.0	36.50	0
## 973	0	119	42.0	39.00	0
## 974	0	142	45.0	37.20	0
## 975	0	67	44.0	36.00	0
## 976	0	170	50.0	37.39	0
## 977	1	56	12.0	36.20	1
## 978	0	57	45.0	36.20	0
## 980	0	64	28.0	36.60	0
## 981	0	58	42.0	35.80	1
## 983	0	132	43.0	36.00	1
## 984	0	144	53.0	35.67	1
## 986	0	68	18.0	36.60	1

## 987	0	144	57.0	36.60	0
## 989	0	58	35.0	36.90	0
## 990	0	111	55.0	36.30	0
## 991	0	71	12.0	36.90	0
## 992	0	53	30.0	36.20	0
## 994	0	78	5.0	36.40	0
## 995	0	68	13.0	36.70	0
## 996	0	134	39.0	36.90	0
## 997	0	74	38.0	36.60	0
## 998	0	41	9.0	36.50	0
## 1000	0	63	9.0	37.60	0
## 1002	0	103	22.0	36.70	0
## 1003	0	74	36.0	39.00	0
## 1004	0	49	44.0	35.60	0
## 1005	0	56	27.0	36.20	0
## 1006	0	60	45.0	36.40	0
## 1007	0	133	34.0	37.11	0
## 1008	0	41	4.0	33.30	0
## 1011	0	160	10.0	36.50	0
## 1013	0	67	28.0	36.50	0
## 1014	0	48	37.0	36.70	1
## 1015	0	60	45.0	36.50	1
## 1016	0	106	13.0	37.00	0
## 1017	0	58	10.0	36.80	1
## 1018	1	129	14.0	36.10	1
## 1019	0	180	35.0	36.40	0
## 1021	0	62	27.0	36.00	0
## 1022	0	43	51.0	36.30	0
## 1023	1	115	15.0	36.20	1
## 1025	0	60	45.0	36.50	0
## 1026	0	125	37.0	36.60	0
## 1028	0	53	10.0	36.50	0
## 1029	1	65	34.0	36.30	1
## 1030	0	45	26.0	36.70	0
## 1031	0	108	31.0	36.30	0
## 1032	0	107	7.0	36.90	0
## 1033	1	55	7.0	36.40	1
## 1035	0	133	14.0	36.40	0
## 1036	1	158	32.0	35.70	1
## 1037	0	68	54.0	36.60	1
## 1038	0	134	30.0	37.20	0
## 1040	1	74	31.0	38.60	1
## 1042	0	112	8.0	36.70	0
## 1043	0	135	10.0	36.20	0
## 1044	1	59	43.0	35.90	1
## 1046	0	67	32.0	36.40	0
## 1047	0	114	55.0	36.10	0
## 1048	0	49	4.0	36.00	1
## 1049	0	142	33.0	36.70	0
## 1050	0	141	6.0	36.30	0
## 1051	0	61	12.0	36.70	0
## 1053	0	197	45.0	36.70	1
## 1054	0	110	35.0	36.30	0
## 1055	0	64	40.0	36.20	0



## 1056	0	174	7.0	36.20	1
## 1057	0	119	9.0	36.40	0
## 1059	0	55	42.0	36.20	0
## 1060	0	47	34.0	37.40	0
## 1061	0	65	37.0	36.70	1
## 1062	0	64	31.0	36.40	1
## 1063	0	46	9.0	36.40	0
## 1064	0	129	11.0	36.50	0
## 1065	0	56	49.0	36.60	0
## 1068	0	136	49.0	36.70	0
## 1069	0	105	34.0	36.50	0
## 1070	0	146	25.0	37.40	0
## 1071	0	72	26.0	36.40	0
## 1072	0	70	34.0	36.90	0
## 1073	1	49	13.0	36.30	1
## 1074	0	54	27.0	36.50	0
## 1075	0	113	16.0	36.60	0
## 1076	0	65	9.0	36.40	0
## 1077	0	135	47.0	37.20	0
## 1078	0	66	29.0	36.66	0
## 1079	0	71	30.0	35.80	0
## 1080	0	128	34.0	35.80	0
## 1081	1	142	11.0	33.00	1
## 1084	0	73	29.0	36.70	0
## 1085	0	72	8.0	36.50	0
## 1086	0	41	16.0	36.40	1
## 1087	0	119	14.0	36.50	0
## 1088	0	40	24.0	36.40	0
## 1089	0	52	26.0	36.90	0
## 1090	0	57	36.0	36.40	0
## 1091	0	66	16.0	36.72	0
## 1092	1	155	36.0	36.10	1
## 1093	0	135	13.0	37.10	0
## 1094	0	55	10.0	36.40	0
## 1095	0	72	9.0	36.20	0
## 1096	0	113	29.0	36.00	1
## 1097	0	149	44.0	32.60	1
## 1099	0	119	9.0	35.60	0
## 1100	0	119	47.0	36.20	0
## 1101	1	145	4.0	36.30	1
## 1102	0	50	14.0	35.70	0
## 1103	0	65	32.0	37.00	0
## 1104	0	139	7.0	36.60	0
## 1105	1	48	7.0	36.20	1
## 1106	0	75	57.0	36.30	0
## 1107	0	80	31.0	36.30	0
## 1108	0	44	32.0	36.90	0
## 1109	0	195	11.0	37.10	0
## 1110	0	168	34.0	35.70	1
## 1111	0	49	27.0	37.10	0
## 1112	0	115	34.0	36.60	0
## 1113	0	58	31.0	36.50	1
## 1115	1	42	33.0	36.60	1
## 1118	0	46	8.0	36.20	0

## 1119	0	132	9.0	36.88	0
## 1120	1	46	31.0	35.40	1
## 1121	0	74	29.0	36.00	0
## 1122	0	147	35.0	36.50	0
## 1123	0	56	12.0	39.10	0
## 1125	0	102	13.0	36.80	0
## 1126	1	58	6.0	36.30	1
## 1127	1	55	12.0	36.80	1
## 1128	0	61	10.0	36.60	0
## 1129	0	104	9.0	36.40	0
## 1130	0	62	36.0	37.10	0
## 1132	1	137	28.0	37.20	1
## 1133	0	56	12.0	36.38	0
## 1134	0	136	13.0	35.80	0
## 1135	0	186	6.0	36.90	1
## 1136	0	126	35.0	37.10	0
## 1138	0	43	35.0	36.40	0
## 1139	0	148	4.0	34.70	1
## 1141	0	47	26.0	35.20	0
## 1142	0	42	13.0	37.10	0
## 1143	0	74	6.0	36.40	0
## 1145	0	52	8.0	36.00	0
## 1146	1	46	5.0	35.90	1
## 1147	0	40	25.0	36.60	0
## 1148	1	67	35.0	35.90	1
## 1149	1	57	31.0	36.40	1
## 1150	0	70	30.0	36.40	0
## 1151	1	56	33.0	35.40	1
## 1152	0	62	29.0	37.00	0
## 1153	0	55	35.0	36.60	1
## 1154	0	58	7.0	37.90	0
## 1155	0	111	5.0	36.30	0
## 1156	1	68	25.0	36.90	1
## 1157	0	60	4.0	34.60	1
## 1158	0	125	31.0	36.60	1
## 1159	0	52	4.0	36.70	1
## 1160	0	61	7.0	36.50	0
## 1161	0	120	35.0	37.05	0
## 1163	0	106	41.0	36.70	0
## 1164	0	41	10.0	37.10	0
## 1165	0	63	38.0	36.40	0
## 1167	0	68	16.0	36.80	0
## 1168	0	130	40.0	36.30	0
## 1169	0	134	30.0	36.40	0
## 1170	0	110	36.0	36.60	0
## 1171	1	51	51.0	36.00	1
## 1172	0	41	32.0	36.10	0
## 1173	0	48	25.0	36.80	0
## 1174	0	127	20.0	36.60	0
## 1177	0	61	37.0	35.90	0
## 1178	0	119	12.0	36.40	0
## 1179	0	74	22.0	36.66	0
## 1180	1	47	27.0	37.00	1
## 1181	0	171	10.0	36.80	0

## 1182	0	125	40.0	36.50	0
## 1183	0	107	54.0	36.70	0
## 1185	1	51	4.0	36.40	1
## 1186	1	44	28.0	37.40	1
## 1188	0	47	29.0	36.55	0
## 1189	0	106	32.0	36.30	0
## 1190	0	50	8.0	36.10	0
## 1191	0	65	30.0	36.10	0
## 1192	0	117	30.0	36.30	0
## 1193	0	154	30.0	36.20	0
## 1194	0	52	8.0	36.60	0
## 1195	0	129	36.0	36.20	0
## 1196	0	54	43.0	36.30	0
## 1197	0	126	6.0	36.70	0
## 1198	0	55	5.0	36.10	0
## 1199	0	42	28.0	36.50	0
## 1200	0	64	44.0	36.60	0
## 1201	1	165	29.0	37.50	1
## 1202	1	54	28.0	36.60	1
## 1203	1	57	4.0	35.00	1
## 1204	1	195	35.0	35.50	1
## 1205	0	52	34.0	36.70	0
## 1207	0	121	36.0	37.30	0
## 1209	0	139	27.0	36.90	0
## 1210	0	122	35.0	36.30	0
## 1211	1	43	43.0	37.00	1
## 1212	0	62	57.0	36.00	0
## 1214	0	117	35.0	36.00	0
## 1217	1	45	34.0	36.30	1
## 1218	0	131	11.0	36.60	0
## 1220	0	53	13.0	36.50	0
## 1221	0	73	30.0	36.70	1
## 1223	0	62	33.0	36.80	1
## 1224	0	142	42.0	36.60	0
## 1225	0	56	33.0	36.00	0
## 1226	0	119	11.0	36.30	0
## 1227	0	148	60.0	36.00	0
## 1228	1	110	14.0	36.90	1
## 1229	0	66	46.0	36.60	0
## 1231	0	58	9.0	37.20	0
## 1232	1	43	9.0	34.30	1
## 1235	0	56	10.0	37.16	1
## 1237	0	64	12.0	36.30	0
## 1238	0	182	29.0	36.83	1
## 1239	0	112	10.0	36.50	0
## 1240	0	133	11.0	36.40	1
## 1242	0	54	9.0	35.90	0
## 1243	0	59	14.0	36.30	0
## 1244	0	54	12.0	36.60	0
## 1245	0	46	27.0	36.70	0
## 1246	0	75	24.0	32.10	0
## 1247	0	68	32.0	36.70	0
## 1248	1	52	50.0	36.40	1
## 1249	0	69	28.0	36.60	1

## 1250	0	56	32.0	36.30	1
## 1252	0	113	12.0	36.70	0
## 1253	0	119	4.0	36.30	0
## 1255	0	134	40.0	36.40	0
## 1256	0	67	28.0	36.20	0
## 1258	0	112	6.0	36.10	0
## 1259	0	54	28.0	36.20	0
## 1262	0	66	39.0	35.90	0
## 1265	0	149	29.0	36.80	0
## 1266	0	129	11.0	36.40	0
## 1267	0	105	35.0	36.50	0
## 1268	0	105	8.0	36.60	0
## 1269	0	180	12.0	36.40	0
## 1270	0	130	38.0	36.50	0
## 1271	0	40	42.0	36.60	0
## 1272	0	147	30.0	36.40	0
## 1273	1	116	37.0	37.40	1
## 1274	0	118	10.0	35.70	0
## 1275	0	113	25.0	36.40	0
## 1276	1	113	30.0	35.61	1
## 1277	0	59	10.0	36.20	0
## 1278	0	54	16.0	36.10	0
## 1281	0	72	25.0	37.40	1
## 1282	0	63	26.0	37.10	0
## 1283	0	40	37.0	36.40	0
## 1284	1	163	12.0	36.90	1
## 1285	0	66	39.0	39.10	0
## 1286	0	54	9.0	36.70	0
## 1287	0	67	28.0	36.50	0
## 1288	0	53	45.0	36.17	1
## 1289	0	127	6.0	36.40	0
## 1290	0	139	6.0	37.00	0
## 1291	0	102	48.0	36.50	0
## 1292	0	52	14.0	36.70	0
## 1293	0	124	10.0	36.60	0
## 1295	0	42	28.0	36.80	1
## 1297	0	44	35.0	37.20	1
## 1298	0	111	29.0	36.40	0
## 1299	0	54	39.0	37.00	0
## 1300	0	115	60.0	36.50	0
## 1301	0	57	7.0	33.00	1
## 1303	0	117	37.0	36.50	0
## 1304	0	143	28.0	35.80	0
## 1305	1	183	57.0	32.10	1
## 1307	0	150	50.0	36.70	0
## 1308	0	68	7.0	36.30	0
## 1309	0	80	16.0	36.70	0
## 1310	0	125	4.0	37.20	0
## 1311	1	111	30.0	36.50	1
## 1312	1	55	49.0	36.40	1
## 1314	0	134	28.0	36.20	1
## 1315	0	78	47.0	36.70	0
## 1316	1	136	34.0	36.40	1
## 1317	0	109	14.0	36.70	0

## 1319	0	134	11.0	36.10	0
## 1320	0	73	10.0	36.60	0
## 1321	0	148	12.0	36.70	0
## 1322	0	139	41.0	35.90	1
## 1323	0	114	6.0	36.80	0
## 1324	0	75	25.0	36.90	0
## 1325	1	63	34.0	36.80	1
## 1326	0	57	38.0	36.80	0
## 1327	1	165	29.0	36.40	1
## 1328	0	120	14.0	35.80	0
## 1329	0	70	9.0	36.80	0
## 1330	0	114	13.0	36.50	0
## 1331	0	57	25.0	36.00	0
## 1332	0	124	34.0	36.40	0
## 1333	0	65	7.0	36.40	1
## 1334	0	53	4.0	36.30	0
## 1335	1	47	41.0	33.40	1
## 1336	0	58	10.0	36.40	0
## 1338	0	101	12.0	35.60	1
## 1339	0	150	6.0	36.40	0
## 1340	1	56	10.0	37.40	1
## 1342	0	63	9.0	36.90	0
## 1343	0	67	59.0	36.50	0
## 1344	0	64	31.0	36.50	1
## 1345	0	114	14.0	36.50	0
## 1347	0	156	60.0	36.30	1
## 1348	0	67	28.0	36.50	0
## 1349	0	142	14.0	36.40	0
## 1350	1	68	8.0	36.11	1
## 1351	0	125	6.0	36.10	0
## 1353	0	73	6.0	36.60	0
## 1354	1	51	10.0	36.30	1
## 1355	0	127	31.0	36.50	0
## 1356	0	41	28.0	36.30	0
## 1357	0	61	40.0	36.30	0
## 1358	0	110	31.0	36.80	0
## 1359	1	55	37.0	36.80	1
## 1360	0	116	37.0	36.30	0
## 1361	0	157	38.0	36.70	0
## 1362	0	74	33.0	37.40	1
## 1363	0	125	36.0	35.30	0
## 1364	0	107	44.0	35.90	0
## 1366	1	115	15.0	36.20	1
## 1367	0	129	33.0	36.50	0
## 1368	0	50	9.0	36.10	0
## 1369	0	56	9.0	37.30	0
## 1370	0	142	18.0	36.60	0
## 1371	1	120	20.0	32.40	1
## 1373	0	151	24.0	36.90	0
## 1375	1	118	11.0	36.30	1
## 1377	0	69	10.0	36.50	0
## 1378	0	73	16.0	36.80	1
## 1379	0	130	16.0	36.55	0
## 1380	0	129	59.0	36.30	0

## 1381	0	67	14.0	36.60	0
## 1383	0	119	10.0	36.10	0
## 1385	0	56	31.0	36.70	0
## 1386	0	81	11.0	36.40	0
## 1388	0	67	30.0	36.83	0
## 1389	0	166	16.0	36.60	0
## 1390	1	46	37.0	36.80	1
## 1391	0	65	37.0	36.10	0
## 1392	1	159	8.0	35.70	1
## 1394	0	73	30.0	35.90	0
## 1395	0	76	28.0	36.70	0
## 1396	0	71	30.0	36.90	0
## 1397	0	52	11.0	35.80	0
## 1398	0	55	6.0	36.60	1
## 1400	0	148	45.0	36.20	0
## 1401	0	69	27.0	36.00	1
## 1402	0	51	12.0	36.20	0
## 1405	0	60	33.0	36.80	0
## 1407	0	118	30.0	36.70	0
## 1408	0	122	43.0	37.20	0
## 1409	0	52	9.0	36.40	0
## 1410	0	69	12.0	36.40	0
## 1411	0	134	46.0	36.60	0
## 1412	0	49	12.0	36.40	0
## 1413	1	49	8.0	36.70	1
## 1414	0	60	4.0	36.40	0
## 1415	0	113	57.0	36.40	0
## 1417	1	51	26.0	36.40	1
## 1418	0	54	26.0	36.60	0
## 1419	0	111	24.0	36.40	1
## 1420	0	43	12.0	36.40	0
## 1422	0	41	7.0	36.30	0
## 1424	0	60	27.0	36.30	0
## 1425	0	68	38.0	36.80	0
## 1426	0	142	31.0	36.40	0
## 1427	0	172	27.0	38.50	0
## 1428	0	77	38.0	37.10	0
## 1429	0	130	11.0	36.60	0
## 1430	1	53	38.0	37.10	1
## 1431	0	40	28.0	36.40	1
## 1433	0	56	33.0	36.44	0
## 1434	0	45	11.0	36.40	0
## 1435	0	59	49.0	36.10	0
## 1436	0	73	11.0	35.20	0
## 1437	0	148	28.0	36.60	0
## 1440	0	68	27.0	36.70	0
## 1441	0	46	23.0	36.30	0
## 1442	0	61	10.0	36.90	1
## 1443	0	42	33.0	36.40	0
## 1446	0	100	28.0	36.80	0
## 1447	0	64	26.0	35.70	0
## 1448	0	48	32.0	37.10	1
## 1449	0	40	52.0	36.10	0
## 1450	0	57	29.0	36.20	0

## 1451	0	144	24.0	36.00	0
## 1452	0	55	25.0	36.80	0
## 1453	0	54	12.0	36.40	0
## 1454	0	60	8.0	36.20	0
## 1455	0	78	5.0	36.40	0
## 1456	0	116	30.0	36.94	0
## 1457	0	43	29.0	36.60	0
## 1458	0	181	32.0	37.50	1
## 1459	0	62	36.0	36.10	0
## 1460	0	58	9.0	36.80	0
## 1466	0	197	4.0	36.60	0
## 1467	0	44	14.0	36.40	0
## 1468	0	125	29.0	36.50	0
## 1469	0	67	9.0	36.00	1
## 1470	0	56	43.0	36.00	0
## 1471	1	128	8.0	35.20	1
## 1472	0	170	37.0	36.30	1
## 1475	0	119	18.0	36.77	0
## 1476	0	62	11.0	36.50	0
## 1477	0	61	28.0	36.50	1
## 1478	0	133	7.0	36.20	0
## 1479	0	120	43.0	36.10	0
## 1480	0	72	47.0	36.10	0
## 1481	0	132	50.0	36.50	0
## 1483	0	134	34.0	36.60	0
## 1484	0	79	33.0	36.70	0
## 1486	0	54	9.0	36.40	0
## 1487	0	192	9.0	35.90	0
## 1488	0	123	36.0	36.90	0
## 1489	1	63	11.0	36.10	1
## 1491	0	139	47.0	36.50	1
## 1492	0	119	42.0	35.70	0
## 1494	0	148	39.0	36.60	0
## 1495	0	42	54.0	36.70	0
## 1496	0	67	39.0	36.10	0
## 1497	0	51	29.0	36.60	0
## 1498	1	43	4.0	36.70	1
## 1501	0	71	10.0	37.30	0
## 1502	0	162	20.0	36.70	0
## 1503	0	55	31.0	35.10	0
## 1506	0	41	8.0	36.50	0
## 1507	0	49	11.0	37.40	1
## 1509	1	52	11.0	36.50	1
## 1510	0	57	6.0	35.70	0
## 1511	0	143	25.0	36.80	0
## 1512	0	71	28.0	36.40	1
## 1513	0	148	27.0	37.00	0
## 1514	0	48	24.0	36.30	0
## 1515	0	167	48.0	36.40	0
## 1516	0	46	9.0	35.80	0
## 1517	0	106	13.0	36.50	0
## 1518	0	106	6.0	37.20	0
## 1519	0	124	26.0	36.40	0
## 1520	0	137	44.0	36.40	0

## 1521	1	126	29.0	36.10	1
## 1522	0	44	11.0	36.60	0
## 1523	0	64	26.0	35.30	0
## 1524	0	65	16.0	36.40	0
## 1525	0	142	25.0	35.90	0
## 1528	0	45	31.0	36.40	1
## 1529	0	64	26.0	36.40	0
## 1530	1	49	16.0	36.60	1
## 1532	0	137	8.0	36.20	0
## 1533	0	53	40.0	36.90	0
## 1534	0	120	24.0	36.60	0
## 1535	0	42	8.0	36.30	0
## 1536	0	60	16.0	36.10	1
## 1537	0	55	29.0	35.90	0
## 1538	0	65	36.0	36.44	0
## 1540	0	59	5.0	36.30	0
## 1542	1	141	13.0	36.70	1
## 1543	0	130	38.0	36.80	1
## 1544	1	57	48.0	35.50	1
## 1545	0	56	6.0	36.80	0
## 1546	0	82	27.0	36.20	1
## 1548	0	71	12.0	36.40	0
## 1549	0	138	39.0	37.90	0
## 1550	0	72	36.0	36.70	0
## 1551	0	147	37.0	37.00	1
## 1552	1	56	9.0	34.60	1
## 1553	1	47	26.0	34.40	1
## 1554	0	62	4.0	35.30	1
## 1555	0	56	30.0	35.90	0
## 1556	0	184	31.0	36.20	0
## 1557	0	55	11.0	35.90	0
## 1558	0	69	33.0	37.00	0
## 1559	1	58	11.0	36.50	1
## 1560	1	47	30.0	36.40	1
## 1562	1	138	28.0	36.60	1
## 1563	0	67	9.0	37.50	0
## 1564	0	73	18.0	37.20	0
## 1565	0	66	10.0	36.50	1
## 1566	0	41	31.0	36.40	0
## 1567	1	67	4.0	36.10	1
## 1568	1	123	27.0	36.70	1
## 1569	0	50	43.0	36.40	0
## 1570	0	54	24.0	36.30	0
## 1571	1	58	23.0	36.50	1
## 1572	0	59	57.0	36.94	1
## 1573	0	152	29.0	37.20	0
## 1574	1	138	33.0	36.50	1
## 1575	0	62	11.0	36.80	0
## 1576	0	113	9.0	36.10	0
## 1577	0	118	32.0	36.60	0
## 1578	0	130	50.0	35.90	1
## 1579	0	107	13.0	36.40	0
## 1580	0	76	7.0	36.30	0
## 1581	0	40	36.0	36.50	0



## 1583	0	65	8.0	36.50	0
## 1584	0	65	29.0	36.30	0
## 1585	0	50	37.0	36.30	1
## 1587	0	55	10.0	36.70	0
## 1588	0	50	13.0	36.60	0
## 1589	1	163	29.0	36.30	1
## 1590	0	68	27.0	37.20	0
## 1591	0	76	48.0	36.70	0
## 1592	0	69	4.0	36.30	0
## 1594	0	48	47.0	36.30	0
## 1595	0	68	23.0	36.40	0
## 1596	0	123	13.0	36.90	0
## 1597	1	175	55.0	35.80	1
## 1598	0	67	28.0	36.70	0
## 1599	0	128	4.0	36.60	0
## 1601	0	114	4.0	36.40	0
## 1602	1	46	14.0	36.30	1
## 1603	0	128	10.0	37.20	0
## 1604	0	49	29.0	32.40	0
## 1605	0	198	14.0	36.70	0
## 1606	0	47	10.0	36.60	0
## 1608	0	63	10.0	35.80	1
## 1609	0	42	26.0	36.40	0
## 1610	0	51	10.0	36.60	1
## 1611	1	56	11.0	36.38	1
## 1612	0	58	34.0	35.70	0
## 1613	0	109	9.0	36.80	0
## 1614	1	128	33.0	36.10	1
## 1615	1	54	11.0	35.50	1
## 1616	0	67	11.0	36.40	0
## 1617	1	69	41.0	38.50	1
## 1618	0	142	59.0	36.00	0
## 1619	0	122	25.0	36.50	0
## 1620	0	106	18.0	36.90	0
## 1621	0	40	35.0	36.70	0
## 1622	1	68	30.0	36.60	1
## 1623	0	57	7.0	36.30	1
## 1625	0	45	6.0	36.40	0
## 1626	0	137	5.0	36.10	0
## 1627	0	60	40.0	36.90	0
## 1628	0	47	26.0	36.83	0
## 1630	0	132	8.0	36.50	0
## 1631	0	65	26.0	36.80	0
## 1633	0	59	4.0	36.40	0
## 1634	1	125	28.0	36.30	1
## 1635	0	108	22.0	36.60	0
## 1637	1	52	35.0	36.00	1
## 1638	0	106	7.0	36.60	0
## 1639	0	130	4.0	37.30	0
## 1641	0	63	38.0	36.40	0
## 1642	1	56	35.0	36.50	1
## 1644	0	57	9.0	35.90	0
## 1645	0	57	13.0	36.94	0
## 1647	0	133	12.0	37.20	1

## 1650	0	54	33.0	35.90	0
## 1652	0	110	25.0	36.70	0
## 1653	1	59	38.0	36.90	1
## 1654	0	190	17.0	36.10	0
## 1655	0	63	7.0	36.10	0
## 1656	0	54	47.0	35.30	0
## 1657	0	150	26.0	36.60	0
## 1659	0	51	8.0	37.00	1
## 1661	1	50	59.0	37.00	1
## 1662	1	51	6.0	35.30	1
## 1663	1	157	11.0	36.70	1
## 1664	0	60	51.0	37.40	0
## 1665	0	40	43.0	36.60	1
## 1666	0	56	10.0	35.90	1
## 1667	0	65	4.0	36.90	0
## 1668	0	114	50.0	36.60	0
## 1669	0	58	24.0	36.70	0
## 1670	0	140	34.0	36.50	0
## 1672	0	134	34.0	35.90	0
## 1674	1	136	39.0	36.80	1
## 1675	0	104	30.0	36.10	0
## 1676	0	122	25.0	36.70	0
## 1677	0	60	44.0	36.50	0
## 1678	0	43	28.0	36.66	0
## 1679	0	127	60.0	36.30	0
## 1680	0	178	32.0	35.40	1
## 1681	0	63	25.0	36.50	0
## 1682	1	50	30.0	36.80	1
## 1683	0	124	32.0	36.30	0
## 1684	0	59	31.0	36.70	0
## 1685	0	124	26.0	36.80	0
## 1686	0	150	36.0	36.40	0
## 1687	0	153	6.0	36.20	0
## 1688	0	122	13.0	36.30	1
## 1689	0	114	12.0	35.10	1
## 1690	1	135	35.0	36.00	1
## 1691	0	121	42.0	36.80	0
## 1692	0	157	6.0	36.60	0
## 1693	0	132	31.0	36.80	0
## 1694	0	40	8.0	34.70	0
## 1695	0	62	39.0	36.10	0
## 1696	0	45	4.0	36.30	1
## 1698	0	58	30.0	36.40	1
## 1699	0	57	7.0	37.30	0
## 1700	0	67	11.0	36.40	0
## 1701	0	72	25.0	36.83	0
## 1702	0	150	9.0	36.10	1
## 1703	0	117	40.0	36.20	0
## 1704	0	44	26.0	35.80	0
## 1705	0	135	6.0	36.80	0
## 1706	0	174	32.0	35.80	1
## 1708	0	40	29.0	36.40	0
## 1709	0	55	51.0	36.50	0
## 1710	0	64	36.0	35.90	0

## 1711	0	127	48.0	36.70	0
## 1712	0	52	26.0	36.30	0
## 1713	0	119	9.0	36.80	0
## 1714	0	44	10.0	36.50	0
## 1715	0	129	39.0	36.40	1
## 1716	0	200	46.0	36.50	0
## 1717	1	53	12.0	36.00	1
## 1718	0	79	30.0	36.70	0
## 1719	0	113	36.0	36.20	0
## 1720	0	137	33.0	36.40	0
## 1721	1	199	12.0	36.20	1
## 1722	0	57	10.0	35.60	1
## 1723	0	60	30.0	36.30	0
## 1724	0	75	38.0	36.80	0
## 1725	1	170	53.0	35.80	1
## 1726	0	114	57.0	36.90	0
## 1727	1	56	42.0	38.50	1
## 1728	1	60	35.0	36.10	1
## 1729	1	42	27.0	34.00	1
## 1730	0	43	5.0	36.80	1
## 1731	0	44	12.0	36.40	0
## 1732	1	57	7.0	35.30	1
## 1733	0	117	6.0	35.20	1
## 1735	0	112	39.0	36.10	0
## 1736	0	49	47.0	36.30	0
## 1737	0	127	7.0	37.20	0
## 1738	0	67	33.0	37.20	0
## 1740	0	144	16.0	36.90	0
## 1741	0	47	10.0	36.70	1
## 1742	0	140	30.0	36.30	0
## 1743	0	48	26.0	36.10	0
## 1744	0	106	18.0	36.90	0
## 1745	0	56	6.0	36.60	0
## 1747	1	49	31.0	35.40	1
## 1748	0	128	6.0	36.50	0
## 1749	1	67	10.0	32.20	1
## 1750	0	56	40.0	36.50	0
## 1751	0	56	8.0	35.60	0
## 1752	1	54	25.0	37.70	1
## 1753	0	67	28.0	36.50	0
## 1754	0	117	35.0	37.40	1
## 1756	0	115	5.0	36.80	0
## 1758	0	57	8.0	35.30	1
## 1759	0	59	16.0	36.70	0
## 1761	0	57	4.0	37.10	0
## 1762	1	55	4.0	36.70	1
## 1763	0	116	34.0	36.80	1
## 1764	0	65	12.0	36.50	0
## 1765	0	52	36.0	36.30	0
## 1766	0	51	7.0	35.80	0
## 1768	0	66	6.0	36.90	0
## 1770	0	134	8.0	36.80	0
## 1772	0	155	20.0	36.50	0
## 1773	0	64	11.0	36.80	1

## 1774	0	102	26.0	36.50	0
## 1775	0	56	59.0	36.50	1
## 1776	0	148	12.0	36.61	0
## 1778	0	68	11.0	35.80	0
## 1779	0	57	10.0	36.72	0
## 1781	0	50	10.0	36.50	0
## 1782	0	61	47.0	36.60	0
## 1784	1	56	6.0	36.20	1
## 1785	1	46	27.0	35.20	1
## 1786	0	132	60.0	36.90	0
## 1787	0	106	8.0	36.90	0
## 1788	0	52	7.0	36.40	0
## 1789	0	41	4.0	36.00	1
## 1790	0	150	9.0	36.30	0
## 1792	0	120	58.0	36.30	0
## 1793	0	117	26.0	36.70	0
## 1794	0	53	29.0	37.10	0
## 1795	1	62	33.0	35.90	1
## 1796	0	153	58.0	36.40	0
## 1798	0	57	13.0	36.61	0
## 1799	1	191	29.0	32.10	1
## 1800	1	153	39.0	35.60	1
## 1801	0	72	30.0	36.44	0
## 1802	0	80	11.0	36.20	0
## 1803	0	138	16.0	36.40	0
## 1804	0	131	39.0	36.90	0
## 1805	0	57	31.0	38.10	1
## 1806	0	40	48.0	36.00	0
## 1807	0	47	38.0	36.10	0
## 1808	1	53	12.0	36.00	1
## 1809	0	116	25.0	36.90	1
## 1812	0	69	10.0	36.40	0
## 1813	0	107	31.0	36.40	0
## 1814	0	74	22.0	36.90	0
## 1815	0	77	16.0	36.60	0
## 1816	0	134	11.0	36.40	0
## 1817	1	115	31.0	36.38	1
## 1819	0	130	10.0	36.60	1
## 1821	1	46	31.0	37.10	1
## 1822	0	121	30.0	36.70	0
## 1823	1	51	40.0	36.60	1
## 1824	0	193	31.0	35.00	0
## 1825	1	42	10.0	35.60	1
## 1827	0	134	35.0	36.20	1
## 1828	1	68	33.0	36.30	1
## 1829	0	53	29.0	37.00	0
## 1830	0	42	32.0	36.60	0
## 1831	0	127	7.0	36.30	0
## 1832	1	137	10.0	36.20	1
## 1835	0	55	9.0	36.70	0
## 1836	0	56	41.0	36.30	1
## 1837	0	67	41.0	36.10	0
## 1838	0	111	11.0	36.70	0
## 1839	0	53	11.0	36.30	0

## 1840	0	49	27.0	36.80	0
## 1841	0	122	27.0	39.30	0
## 1842	0	120	31.0	36.50	1
## 1843	1	133	39.0	36.10	1
## 1844	0	58	51.0	36.50	1
## 1845	0	67	4.0	36.00	0
## 1846	1	124	4.0	36.55	1
## 1847	0	62	4.0	37.10	0
## 1848	0	197	10.0	36.50	1
## 1849	0	121	38.0	36.40	0
## 1850	0	51	7.0	37.20	1
## 1851	0	119	43.0	36.30	1
## 1852	0	167	30.0	35.70	0
## 1853	0	71	39.0	36.70	0
## 1854	0	60	12.0	37.20	0
## 1855	0	114	46.0	36.50	0
## 1856	0	96	12.0	36.60	0
## 1857	1	42	5.9	36.20	1
## 1858	0	55	34.0	37.00	1
## 1859	0	63	13.0	37.40	0
## 1861	0	61	10.0	36.50	0
## 1865	0	64	8.0	36.20	0
## 1866	0	53	40.0	36.05	0
## 1867	1	126	48.0	36.80	1
## 1868	0	63	36.0	36.70	1
## 1869	0	65	30.0	37.40	1
## 1870	0	109	39.0	36.10	0
## 1871	0	67	28.0	36.50	0
## 1872	0	56	10.0	36.00	1
## 1873	0	122	34.0	36.40	0
## 1874	0	57	16.0	36.55	0
## 1876	1	133	10.0	35.80	1
## 1878	0	196	54.0	37.20	0
## 1879	0	142	56.0	36.60	0
## 1880	0	45	31.0	36.70	0
## 1882	0	58	45.0	36.50	0
## 1883	0	58	29.0	39.70	0
## 1884	0	146	29.0	36.10	1
## 1885	0	116	47.0	36.60	0
## 1886	0	131	43.0	36.70	0
## 1887	0	66	34.0	36.90	0
## 1888	0	59	45.0	36.40	0
## 1889	0	128	59.0	36.60	0
## 1890	0	73	16.0	36.50	0
## 1891	1	51	26.0	36.70	1
## 1892	0	64	20.0	36.70	0
## 1893	0	49	9.0	36.80	0
## 1895	0	67	28.0	36.50	0
## 1896	0	58	31.0	36.60	0
## 1897	0	69	13.0	36.70	0
## 1898	0	114	6.0	36.40	1
## 1899	0	138	46.0	36.30	0
## 1901	0	111	11.0	36.30	0
## 1902	0	153	8.0	35.50	1

## 1903	0	134	36.0	36.50	0
## 1904	0	120	28.0	36.00	1
## 1905	0	74	13.0	36.30	0
## 1906	0	84	10.0	36.20	0
## 1907	0	182	9.0	36.90	0
## 1909	0	42	34.0	35.90	0
## 1911	1	125	14.0	36.60	1
## 1912	0	142	34.0	36.60	0
## 1913	0	60	11.0	38.70	1
## 1914	1	47	35.0	36.90	1
## 1915	1	72	28.0	36.61	1
## 1916	0	60	34.0	36.80	0
## 1917	1	64	56.0	36.70	1
## 1918	0	49	6.0	36.61	0
## 1919	0	60	12.0	36.80	0
## 1920	0	62	60.0	35.70	0
## 1923	0	58	30.0	36.50	0
## 1924	1	121	8.0	37.30	1
## 1925	0	147	8.0	36.40	0
## 1926	0	54	11.0	35.90	0
## 1927	0	58	43.0	37.20	0
## 1928	0	124	48.0	36.00	0
## 1931	1	50	4.0	35.80	1
## 1932	0	125	4.0	39.70	0
## 1933	0	69	11.0	36.40	0
## 1934	0	140	53.0	36.30	0
## 1935	0	160	34.0	36.00	0
## 1936	1	50	13.0	36.10	1
## 1937	0	67	28.0	36.50	0
## 1938	0	49	24.0	36.70	1
## 1939	0	41	10.0	36.40	1
## 1940	1	54	8.0	36.10	1
## 1941	0	54	12.0	36.80	0
## 1942	1	55	8.0	37.20	1
## 1943	0	165	5.0	36.70	0
## 1944	0	41	10.0	36.40	0
## 1946	0	142	13.0	32.10	1
## 1947	1	119	12.0	35.30	1
## 1948	0	198	8.0	36.40	0
## 1949	0	115	31.0	36.60	0
## 1950	0	155	48.0	36.70	0
## 1952	0	138	6.0	36.40	0
## 1953	0	66	30.0	36.20	0
## 1955	0	148	22.0	36.70	1
## 1956	0	48	14.0	38.70	0
## 1957	0	60	35.0	36.72	0
## 1958	0	67	18.0	36.50	1
## 1959	0	56	59.0	35.90	0
## 1960	0	61	41.0	36.90	1
## 1962	0	49	15.0	36.80	1
## 1965	0	66	24.0	36.80	0
## 1967	0	74	47.0	36.90	0
## 1968	0	115	24.0	36.50	0
## 1969	0	127	15.0	36.90	0

## 1970	0	120	26.0	36.30	0
## 1971	1	62	32.0	36.50	1
## 1973	0	57	12.0	39.30	0
## 1975	0	56	28.0	36.20	0
## 1978	0	133	13.0	36.70	0
## 1979	0	51	38.0	35.90	0
## 1981	0	59	14.0	36.80	0
## 1982	0	149	23.0	34.90	1
## 1983	1	53	12.0	36.10	1
## 1984	0	65	46.0	37.10	0
## 1986	0	131	42.0	36.40	0
## 1988	0	46	27.0	36.90	0
## 1989	0	52	5.0	36.70	1
## 1990	0	43	11.0	36.90	0
## 1991	0	40	30.0	36.60	0
## 1992	0	66	9.0	37.00	1
## 1993	1	58	27.0	36.90	1
## 1994	0	49	54.0	35.90	0
## 1995	0	41	42.0	36.70	1
## 1996	0	137	34.0	36.40	0
## 1997	0	62	51.0	36.90	0
## 1999	0	131	6.0	36.10	0
## 2000	0	56	36.0	36.50	1
## 2001	0	49	39.0	36.60	0
## 2002	0	60	13.0	35.90	0
## 2003	0	70	14.0	36.40	0
## 2004	0	170	41.0	36.80	0
## 2005	0	114	36.0	36.10	0
## 2006	1	49	8.0	36.70	1
## 2007	0	50	12.0	35.00	1
## 2008	0	57	11.0	36.60	0
## 2009	1	63	38.0	36.90	1
## 2010	1	144	33.0	36.50	1
## 2011	0	151	52.0	36.50	0
## 2014	0	51	11.0	37.10	0
## 2015	1	130	4.0	36.40	1
## 2016	0	112	12.0	35.90	0
## 2017	0	40	37.0	37.40	1
## 2018	1	129	46.0	34.70	1
## 2019	0	62	32.0	36.50	0
## 2020	0	53	8.0	36.38	0
## 2024	0	50	27.0	38.90	1
## 2025	0	129	56.0	36.90	0
## 2027	0	66	27.0	36.30	0
## 2028	0	64	32.0	36.10	0
## 2029	0	50	11.0	36.50	0
## 2030	0	58	9.0	36.30	0
## 2031	0	67	26.0	36.70	0
## 2032	1	161	55.0	36.20	1
## 2033	0	64	31.0	36.50	0
## 2034	0	45	36.0	36.30	0
## 2035	0	44	31.0	39.30	0
## 2036	0	44	38.0	36.50	0
## 2037	0	137	18.0	36.40	0

## 2038	0	71	37.0	36.40	0
## 2039	0	124	16.0	36.40	0
## 2040	0	75	31.0	36.40	0
## 2041	0	125	32.0	36.20	0
## 2042	0	108	16.0	36.40	0
## 2043	1	60	5.0	35.90	1
## 2045	0	51	32.0	36.77	1
## 2047	0	51	57.0	36.30	0
## 2048	1	40	45.0	36.30	1
## 2049	0	62	29.0	36.90	1
## 2050	0	134	31.0	36.20	0
## 2051	0	61	16.0	36.90	0
## 2052	0	155	8.0	34.70	0
## 2054	0	64	4.0	35.70	0
## 2055	0	67	39.0	36.30	0
## 2057	0	55	6.0	36.60	1
## 2058	0	56	32.0	36.80	0
## 2059	1	63	29.0	36.00	1
## 2060	0	58	14.0	36.40	0
## 2062	0	116	29.0	36.20	0
## 2063	0	110	52.0	35.80	0
## 2064	0	113	48.0	36.70	1
## 2065	0	195	60.0	36.70	0
## 2067	1	57	60.0	35.70	1
## 2068	0	65	25.0	36.70	0
## 2069	0	122	12.0	36.40	0
## 2070	0	54	40.0	36.40	0
## 2071	0	125	35.0	36.60	0
## 2072	0	111	32.0	36.70	1
## 2074	0	49	37.0	36.90	0
## 2075	0	114	50.0	36.40	0
## 2077	1	118	51.0	36.00	1
## 2078	0	61	10.0	36.20	0
## 2079	0	44	8.0	36.70	1
## 2080	0	51	36.0	36.60	0
## 2081	0	145	24.0	36.30	0
## 2082	0	59	4.0	36.60	0
## 2083	0	44	31.0	36.30	0
## 2084	1	48	28.0	35.90	1
## 2085	0	139	11.0	36.00	0
## 2086	1	50	26.0	35.90	1
## 2087	0	75	24.0	36.70	0
## 2088	0	144	44.0	36.50	0
## 2090	0	116	35.0	36.20	0
## 2092	0	55	33.0	36.60	0
## 2093	0	60	13.0	37.00	0
## 2094	0	63	45.0	36.70	0
## 2095	1	51	10.0	36.90	1
## 2096	0	57	34.0	36.50	0
## 2097	0	73	42.0	36.20	0
## 2099	0	158	28.0	36.10	0
## 2100	0	69	34.0	36.70	0
## 2101	0	61	11.0	36.80	0
## 2103	0	119	11.0	36.40	0



## 2105	0	119	11.0	36.20	0
## 2106	0	68	11.0	36.20	0
## 2107	0	148	15.0	36.77	1
## 2108	0	64	13.0	37.30	0
## 2110	0	61	11.0	36.70	0
## 2111	0	118	4.0	36.30	0
## 2112	0	180	36.0	37.30	0
## 2113	0	68	27.0	36.20	1
## 2114	0	71	58.0	36.30	0
## 2115	0	60	12.0	36.90	0
## 2117	0	63	34.0	36.30	0
## 2118	0	148	8.0	35.70	1
## 2119	0	52	31.0	36.70	0
## 2120	0	193	9.0	36.30	1
## 2122	0	127	33.0	36.40	1
## 2123	0	70	11.0	36.30	0
## 2124	1	54	30.0	36.60	1
## 2125	0	103	13.0	36.70	0
## 2126	0	139	47.0	36.50	0
## 2127	0	61	36.0	36.80	0
## 2128	0	73	46.0	36.70	1
## 2130	0	128	46.0	36.40	0
## 2131	0	127	31.0	37.30	0
## 2132	0	60	10.0	36.90	0
## 2133	0	46	37.0	36.00	0
## 2134	0	61	32.0	35.60	0
## 2135	0	72	10.0	37.30	0
## 2136	0	70	7.0	36.00	1
## 2137	1	110	7.0	36.20	1
## 2138	0	59	30.0	36.80	1
## 2139	0	48	44.0	36.40	1
## 2140	0	70	9.0	37.10	0
## 2141	0	54	11.0	36.40	0
## 2142	0	113	47.0	36.80	1
## 2143	0	49	38.0	36.40	0
## 2144	0	116	30.0	36.50	0
## 2145	0	62	9.0	36.20	0
## 2146	1	50	5.0	36.70	1
## 2147	0	42	16.0	36.10	0
## 2148	1	55	8.0	35.30	1
## 2150	0	191	31.0	38.30	0
## 2151	0	45	10.0	36.20	1
## 2153	0	139	10.0	35.80	1
## 2155	0	164	48.0	36.70	0
## 2157	0	56	36.0	36.30	1
## 2158	0	59	28.0	36.33	0
## 2159	0	50	32.0	35.00	1
## 2160	0	65	24.0	36.10	1
## 2161	1	42	4.0	36.40	1
## 2162	0	67	28.0	36.50	0
## 2163	0	69	14.0	39.00	1
## 2164	0	50	24.0	36.30	0
## 2165	0	64	47.0	36.40	1
## 2166	0	114	29.0	37.60	0

## 2167	0	136	27.0	35.30	0
## 2168	0	72	4.0	36.40	0
## 2169	0	62	16.0	36.60	0
## 2170	0	54	13.0	36.90	0
## 2171	0	171	32.0	36.90	0
## 2172	0	154	24.0	36.50	0
## 2174	1	126	28.0	36.40	1
## 2175	0	49	25.0	36.10	0
## 2176	0	121	28.0	36.10	0
## 2177	0	70	13.0	36.90	0
## 2178	0	63	30.0	36.70	0
## 2179	0	42	13.0	36.50	0
## 2180	0	140	10.0	36.90	0
## 2181	0	103	26.0	35.70	0
## 2182	0	40	13.0	36.80	1
## 2184	0	67	9.0	36.30	0
## 2185	0	48	55.0	36.70	1
## 2187	0	46	48.0	36.10	1
## 2188	0	70	25.0	38.60	1
## 2189	0	45	30.0	36.90	0
## 2190	0	133	29.0	37.80	0
## 2195	0	68	39.0	36.11	0
## 2196	0	114	28.0	37.00	1
## 2197	0	56	16.0	36.20	0
## 2198	0	112	38.0	36.70	0
## 2199	0	117	31.0	36.10	0
## 2200	0	116	31.0	36.70	0
## 2201	0	47	43.0	36.50	0
## 2202	0	47	37.0	36.90	0
## 2203	0	134	49.0	36.20	0
## 2204	0	123	28.0	37.00	0
## 2205	0	58	22.0	36.30	1
## 2206	0	64	47.0	36.40	1
## 2207	0	41	36.0	35.70	1
## 2208	1	129	43.0	36.50	1
## 2209	0	49	49.0	36.30	0
## 2210	0	53	11.0	36.30	0
## 2211	0	196	10.0	36.30	0
## 2212	0	75	4.0	36.60	0
## 2213	0	145	30.0	36.30	0
## 2214	0	66	33.0	36.90	0
## 2215	1	56	7.0	36.80	1
## 2216	0	57	11.0	35.60	0
## 2218	1	54	11.0	37.00	1
## 2219	0	71	12.0	36.40	0
## 2220	1	58	32.0	39.50	1
## 2221	1	40	4.0	32.10	1
## 2223	0	158	34.0	36.10	0
## 2224	0	114	41.0	37.00	0
## 2225	1	117	27.0	37.40	1
## 2226	0	54	10.0	36.60	0
## 2227	1	51	11.0	36.90	1
## 2229	0	64	14.0	37.20	1
## 2231	1	68	37.0	36.50	1

## 2232	0	191	27.0	36.30	0
## 2234	0	140	56.0	36.20	1
## 2235	0	54	7.0	36.80	0
## 2238	0	146	24.0	36.20	0
## 2240	0	57	31.0	37.20	0
## 2241	0	139	59.0	36.40	0
## 2243	0	55	5.0	36.40	0
## 2244	0	133	43.0	36.30	0
## 2245	0	111	36.0	36.90	1
## 2246	0	46	35.0	36.40	0
## 2247	0	49	26.0	36.70	1
## 2249	0	122	34.0	36.70	0
## 2250	1	157	27.0	36.10	1
## 2251	0	143	37.0	35.70	0
## 2252	0	140	13.0	36.70	0
## 2253	0	120	42.0	36.30	0
## 2254	0	192	38.0	39.10	0
## 2255	0	77	44.0	37.10	0
## 2256	0	133	34.0	36.72	1
## 2258	0	74	52.0	36.80	0
## 2259	0	66	6.0	36.40	0
## 2260	0	160	60.0	36.30	0
## 2261	0	45	13.0	36.80	0
## 2262	0	49	5.0	36.70	0
## 2263	0	71	27.0	36.90	0
## 2266	1	58	36.0	36.60	1
## 2267	1	143	54.0	35.90	1
## 2269	0	65	13.0	36.80	0
## 2270	0	45	24.0	36.50	0
## 2272	0	124	35.0	36.40	0
## 2273	0	124	32.0	36.60	0
## 2274	0	120	36.0	37.10	0
## 2275	0	70	11.0	36.50	0
## 2276	0	123	11.0	36.61	0
## 2277	0	55	33.0	38.10	0
## 2278	0	144	11.0	36.70	0
## 2281	0	116	11.0	36.40	1
## 2282	0	164	33.0	35.40	0
## 2285	0	59	10.0	35.50	0
## 2286	0	116	32.0	36.60	0
## 2287	0	48	30.0	37.20	0
## 2288	0	68	4.0	35.80	0
## 2289	0	65	32.0	36.30	0
## 2290	0	121	51.0	36.70	0
## 2294	0	57	42.0	37.10	0
## 2296	0	66	26.0	36.90	0
## 2297	0	144	7.0	36.10	0
## 2299	0	51	4.0	36.00	0
## 2300	0	58	11.0	36.80	0
## 2301	0	62	32.0	36.10	0
## 2302	0	56	5.0	36.20	0
## 2303	0	44	11.0	39.10	1
## 2304	0	64	34.0	36.40	0
## 2305	0	119	4.0	37.00	0

## 2307	0	72	16.0	36.50	0
## 2308	0	68	12.0	35.60	0
## 2309	0	40	28.0	36.10	0
## 2310	0	72	36.0	36.40	0
## 2312	0	159	11.0	36.00	0
## 2314	0	54	10.0	35.60	1
## 2315	0	70	27.0	38.60	0
## 2316	0	143	30.0	37.10	0
## 2317	0	66	41.0	36.67	0
## 2318	1	53	30.0	36.80	1
## 2320	0	126	5.0	36.50	0
## 2322	0	120	14.0	36.80	0
## 2323	1	59	10.0	35.50	1
## 2324	0	56	5.0	36.40	0
## 2327	0	52	27.0	36.30	0
## 2328	0	131	32.0	34.90	1
## 2329	0	198	7.0	34.30	1
## 2330	0	129	24.0	36.77	0
## 2331	1	111	27.0	35.40	1
## 2333	0	55	7.0	36.30	0
## 2335	0	115	7.0	36.80	0
## 2336	0	69	5.0	36.30	0
## 2339	0	103	28.0	36.55	0
## 2340	0	156	13.0	38.90	0
## 2341	1	112	14.0	36.60	1
## 2342	0	133	15.0	36.30	0
## 2343	0	73	10.0	36.70	0
## 2344	0	41	8.0	36.40	0
## 2347	0	58	11.0	36.50	0
## 2348	0	62	11.0	36.60	0
## 2349	0	115	11.0	36.00	0
## 2350	0	162	26.0	36.80	1
## 2352	0	119	14.0	36.10	0
## 2354	1	51	32.0	36.22	1
## 2355	1	51	36.0	36.10	1
## 2356	0	62	20.0	36.60	0
## 2357	0	52	10.0	37.70	0
## 2358	0	60	10.0	36.33	0
## 2359	0	109	34.0	36.50	0
## 2360	0	53	27.0	34.70	0
## 2361	0	116	11.0	36.30	0
## 2363	1	109	40.0	36.30	1
## 2364	0	112	34.0	36.20	0
## 2365	0	108	30.0	36.70	1
## 2368	0	45	9.0	36.40	0
## 2369	0	60	10.0	36.30	0
## 2370	0	50	8.0	37.00	1
## 2371	1	49	13.0	37.20	1
## 2372	0	136	60.0	36.60	0
## 2373	0	67	14.0	36.40	1
## 2374	0	143	50.0	37.30	0
## 2375	0	65	26.0	36.30	0
## 2376	0	106	44.0	36.30	0
## 2377	1	50	24.0	35.90	1

## 2378	0	60	49.0	35.80	1
## 2379	1	56	14.0	36.10	1
## 2381	0	78	60.0	36.70	0
## 2382	0	140	7.0	36.50	0
## 2383	0	79	19.0	36.60	0
## 2384	0	121	8.0	36.30	0
## 2385	0	62	25.0	36.00	0
## 2386	0	67	28.0	36.20	0
## 2387	0	119	12.0	36.22	0
## 2388	1	62	42.0	36.30	1
## 2390	1	169	13.0	35.80	1
## 2391	0	117	11.0	36.55	0
## 2393	0	56	9.0	35.90	0
## 2394	0	56	27.0	36.40	0
## 2395	1	51	6.0	36.40	1
## 2397	0	64	11.0	36.90	0
## 2398	1	55	4.0	36.70	1
## 2399	0	130	57.0	36.70	0
## 2400	0	164	42.0	37.40	0
## 2401	0	73	29.0	36.40	0
## 2402	0	58	9.0	36.60	0
## 2404	0	111	53.0	35.90	0
## 2407	0	42	15.0	36.40	0
## 2412	0	59	10.0	36.00	0
## 2413	0	199	34.0	36.60	0
## 2414	0	124	32.0	36.50	0
## 2415	0	58	8.0	36.70	0
## 2416	0	53	29.0	36.60	0
## 2417	0	161	38.0	36.60	1
## 2419	1	51	10.0	36.60	1
## 2421	0	145	40.0	36.60	0
## 2422	0	53	52.0	36.10	0
## 2423	0	67	10.0	34.50	1
## 2424	0	48	13.0	36.30	0
## 2425	0	110	44.0	36.10	1
## 2427	0	61	8.0	37.30	1
## 2428	1	63	9.0	36.83	1
## 2429	0	47	24.0	36.70	0
## 2431	0	41	4.0	36.40	0
## 2432	0	145	43.0	36.80	0
## 2433	0	45	12.0	36.60	0
## 2434	0	107	9.0	36.50	0
## 2437	1	135	5.0	39.40	1
## 2438	0	59	24.0	36.60	0
## 2440	0	138	38.0	36.50	0
##	d1_mbp_noninvasive_min apache_4a_hospital_death_prob				
## 1		50		0.14	
## 2		55		0.29	
## 3		82		0.04	
## 4		85		0.07	
## 6		71		0.06	
## 7		84		0.03	
## 8		51		0.03	
## 9		86		0.05	

## 10	80	0.04
## 11	72	0.04
## 12	61	0.01
## 13	75	0.01
## 15	69	0.08
## 17	91	0.02
## 18	64	0.00
## 19	64	0.00
## 20	78	0.25
## 21	60	-1.00
## 22	69	0.13
## 23	74	0.04
## 24	93	0.20
## 25	64	0.03
## 27	59	0.05
## 30	112	0.01
## 31	55	0.02
## 32	52	0.01
## 33	43	0.08
## 34	50	0.54
## 35	66	0.07
## 36	104	0.36
## 37	71	0.03
## 38	75	0.05
## 41	64	0.03
## 42	53	0.09
## 43	70	-1.00
## 44	76	0.05
## 45	64	0.08
## 46	69	0.11
## 47	64	0.06
## 48	54	0.24
## 49	86	0.02
## 50	37	0.56
## 51	67	0.00
## 52	89	0.04
## 53	69	0.04
## 54	74	0.04
## 55	61	0.05
## 56	79	0.01
## 57	67	0.05
## 58	61	0.04
## 59	90	0.35
## 62	65	0.04
## 63	81	0.04
## 64	57	0.05
## 65	59	0.01
## 66	60	0.01
## 67	47	0.14
## 68	62	0.04
## 69	45	0.09
## 70	65	0.07
## 71	60	0.05
## 73	66	0.00

## 74	84	0.04
## 75	66	0.11
## 76	62	0.04
## 77	74	0.04
## 78	41	0.09
## 79	71	0.03
## 80	79	0.05
## 82	61	0.05
## 83	96	0.58
## 84	48	0.07
## 85	59	0.27
## 87	60	0.00
## 88	82	0.07
## 89	67	0.01
## 91	68	0.05
## 93	62	0.01
## 94	70	0.01
## 95	65	0.03
## 96	82	-1.00
## 97	65	0.05
## 98	60	0.07
## 99	80	0.05
## 100	27	0.13
## 101	91	0.02
## 102	52	0.05
## 103	38	0.05
## 104	64	0.02
## 105	66	0.06
## 106	68	0.05
## 107	42	0.33
## 108	71	0.05
## 109	49	0.05
## 110	50	0.10
## 111	59	0.05
## 112	57	0.05
## 114	72	0.00
## 115	83	0.07
## 118	53	0.23
## 119	64	0.04
## 120	63	0.06
## 121	81	0.05
## 125	71	0.01
## 126	58	0.02
## 127	82	0.07
## 128	54	0.02
## 129	46	0.05
## 130	63	0.00
## 132	60	0.14
## 133	91	0.01
## 134	54	0.12
## 136	73	0.05
## 138	92	0.02
## 139	66	0.02
## 141	46	0.05

## 143	91	0.02
## 144	70	0.03
## 145	71	0.02
## 146	55	0.10
## 147	90	0.08
## 148	65	0.74
## 150	60	0.22
## 151	78	0.05
## 152	71	0.02
## 153	67	0.03
## 155	52	0.14
## 157	52	0.03
## 159	78	-1.00
## 160	53	0.54
## 161	70	-1.00
## 162	76	0.11
## 163	87	0.04
## 164	61	0.01
## 165	59	0.27
## 166	65	0.01
## 167	64	0.19
## 168	88	0.01
## 170	70	0.01
## 171	66	0.12
## 172	86	0.13
## 173	64	-1.00
## 174	58	0.00
## 175	67	0.06
## 176	46	0.12
## 177	75	0.05
## 178	58	0.02
## 179	38	0.05
## 180	72	0.15
## 181	86	0.04
## 182	34	0.04
## 183	57	0.02
## 184	54	0.01
## 186	69	0.05
## 188	45	0.05
## 189	105	0.08
## 190	73	0.05
## 191	58	0.17
## 193	84	0.01
## 198	63	0.05
## 200	81	0.07
## 201	112	0.01
## 202	72	0.02
## 203	61	0.39
## 204	68	0.04
## 205	42	0.11
## 206	80	0.01
## 207	46	0.05
## 208	57	0.26
## 209	64	0.03



## 211	100	0.01
## 212	78	0.19
## 213	60	0.01
## 214	57	0.17
## 215	57	0.55
## 217	59	0.11
## 218	61	0.26
## 219	47	0.04
## 221	70	0.02
## 222	59	0.17
## 223	54	0.15
## 224	48	0.15
## 225	89	0.04
## 226	61	0.05
## 228	74	0.02
## 229	75	0.05
## 230	44	0.04
## 231	67	0.02
## 232	62	0.05
## 233	80	0.03
## 235	65	0.14
## 236	85	0.26
## 237	85	0.09
## 238	59	0.03
## 239	37	0.10
## 241	60	0.05
## 242	61	-1.00
## 243	52	0.04
## 244	68	0.00
## 246	74	0.92
## 247	67	0.04
## 248	95	0.01
## 250	67	0.01
## 251	64	0.03
## 252	61	0.10
## 253	76	0.07
## 254	81	0.02
## 255	83	0.06
## 256	48	0.04
## 257	52	0.07
## 258	55	0.05
## 259	52	-1.00
## 260	57	0.10
## 262	50	0.58
## 263	58	0.02
## 264	70	0.07
## 265	48	0.04
## 266	101	0.01
## 267	54	0.02
## 268	70	0.05
## 269	57	0.06
## 270	73	0.02
## 271	58	0.05
## 272	66	0.03

## 273	112	0.06
## 274	62	0.09
## 275	66	0.03
## 276	50	0.33
## 278	66	0.01
## 279	64	0.00
## 280	50	0.17
## 281	71	0.05
## 282	57	0.04
## 284	55	0.05
## 285	64	0.01
## 286	70	0.37
## 287	82	0.03
## 288	56	0.06
## 289	75	0.03
## 291	93	0.02
## 292	77	0.04
## 294	75	0.11
## 295	57	0.38
## 296	59	0.04
## 297	57	0.10
## 298	70	0.04
## 299	65	0.12
## 300	65	0.02
## 301	42	0.05
## 303	57	0.01
## 304	51	0.07
## 306	38	0.03
## 307	78	0.01
## 309	76	0.07
## 310	67	0.04
## 312	50	0.05
## 313	49	0.04
## 314	52	0.10
## 315	64	0.09
## 316	64	0.02
## 317	67	0.01
## 318	112	0.05
## 319	88	0.03
## 321	23	0.03
## 323	78	-1.00
## 324	40	0.03
## 325	59	0.02
## 326	68	0.05
## 327	49	-1.00
## 328	54	0.07
## 329	61	0.07
## 331	49	0.13
## 334	85	0.00
## 335	68	0.04
## 336	64	0.01
## 337	22	0.05
## 338	65	0.04
## 340	61	0.05

## 342	71	0.05
## 343	56	0.10
## 345	70	0.04
## 346	82	0.06
## 347	75	0.02
## 348	56	0.00
## 350	55	0.27
## 351	29	0.84
## 352	51	0.12
## 353	84	0.00
## 354	49	0.04
## 357	81	0.05
## 358	63	0.34
## 359	77	0.04
## 360	57	0.04
## 361	68	0.07
## 362	72	0.02
## 363	45	0.02
## 364	61	0.05
## 367	70	0.02
## 368	77	0.05
## 370	74	0.07
## 372	66	0.17
## 374	45	0.02
## 375	60	0.13
## 376	68	0.05
## 377	59	0.12
## 378	64	0.02
## 379	56	0.00
## 380	45	0.01
## 381	62	0.08
## 382	62	0.35
## 383	58	0.03
## 384	51	0.30
## 385	38	0.08
## 386	64	0.02
## 387	84	0.02
## 388	71	0.02
## 391	67	0.22
## 392	70	0.23
## 393	46	0.05
## 394	78	0.07
## 395	93	0.01
## 397	67	0.05
## 398	37	0.08
## 399	112	0.03
## 400	62	0.05
## 401	48	0.02
## 402	92	-1.00
## 403	75	0.02
## 404	74	0.05
## 405	63	0.13
## 406	72	0.01
## 407	67	0.04

## 408	53	0.03
## 409	55	0.22
## 410	95	0.02
## 411	50	0.36
## 414	98	0.01
## 416	64	0.01
## 417	63	0.00
## 418	69	0.01
## 419	55	0.05
## 420	61	0.03
## 421	66	0.13
## 423	47	0.28
## 424	66	0.02
## 426	57	0.07
## 427	72	-1.00
## 428	73	0.05
## 429	40	0.12
## 430	49	0.09
## 431	61	0.02
## 432	55	0.02
## 433	54	0.15
## 435	69	0.05
## 436	74	0.05
## 437	65	0.40
## 439	72	0.01
## 440	81	0.00
## 443	54	0.11
## 444	66	0.01
## 446	90	-1.00
## 448	66	0.06
## 449	51	0.05
## 450	68	0.03
## 451	73	0.03
## 452	48	0.47
## 455	86	0.01
## 456	57	0.05
## 457	59	0.09
## 458	49	0.15
## 459	72	0.03
## 460	64	0.37
## 461	62	0.15
## 463	51	0.05
## 464	58	0.06
## 465	80	0.06
## 466	57	0.10
## 467	73	0.01
## 468	90	0.02
## 469	45	0.02
## 470	82	0.01
## 471	71	0.24
## 472	67	0.00
## 473	52	0.34
## 475	112	0.01
## 477	55	0.05

## 478	69	0.09
## 479	48	0.60
## 480	82	0.05
## 481	84	0.01
## 482	54	0.32
## 483	69	0.06
## 484	89	0.02
## 485	48	0.03
## 486	55	0.03
## 487	58	0.04
## 488	78	0.08
## 489	70	0.02
## 490	73	0.03
## 491	89	0.53
## 492	74	0.05
## 494	33	0.61
## 495	38	0.83
## 496	48	0.06
## 497	58	0.07
## 498	82	-1.00
## 499	80	0.08
## 500	61	0.05
## 501	64	0.10
## 504	62	0.02
## 505	67	0.47
## 507	74	0.05
## 509	58	0.81
## 510	58	0.34
## 511	91	0.01
## 514	88	0.00
## 515	64	0.04
## 516	69	0.33
## 517	69	0.31
## 518	53	0.05
## 519	86	0.02
## 520	66	0.03
## 522	53	0.04
## 523	49	-1.00
## 525	65	0.01
## 527	53	0.21
## 528	112	0.06
## 529	71	0.39
## 530	73	0.01
## 531	64	0.04
## 532	75	0.01
## 533	92	0.10
## 534	55	0.04
## 535	51	0.82
## 537	94	0.01
## 538	61	0.24
## 539	72	0.00
## 540	41	0.14
## 541	99	0.09
## 542	95	0.10

## 544	64	0.00
## 545	60	0.05
## 546	46	0.14
## 551	73	0.03
## 552	59	0.01
## 553	66	0.04
## 554	46	0.45
## 557	67	0.09
## 558	53	0.05
## 559	63	0.03
## 561	73	0.11
## 563	39	0.17
## 565	112	0.03
## 567	75	0.02
## 568	61	0.03
## 569	66	0.12
## 570	54	0.07
## 571	70	0.07
## 573	77	0.02
## 574	67	0.04
## 575	93	0.01
## 576	48	0.01
## 577	69	0.03
## 578	83	0.10
## 579	65	0.02
## 582	105	0.01
## 583	93	0.02
## 584	74	0.08
## 585	68	0.06
## 586	64	0.11
## 587	95	0.05
## 590	41	0.67
## 593	81	0.05
## 594	50	0.26
## 595	52	0.03
## 596	60	0.04
## 597	67	0.36
## 598	85	0.01
## 599	61	0.01
## 600	79	0.04
## 601	56	0.10
## 602	74	0.04
## 603	78	0.01
## 604	44	0.05
## 605	58	0.32
## 606	77	0.01
## 608	77	0.02
## 609	61	0.04
## 610	58	0.33
## 611	56	0.08
## 613	78	0.01
## 614	49	0.09
## 616	82	0.12
## 617	65	0.01

## 618	56	0.05
## 619	64	0.01
## 620	74	0.03
## 622	75	0.02
## 623	69	0.02
## 625	51	0.04
## 627	49	0.05
## 629	74	0.06
## 630	69	0.07
## 632	72	0.50
## 633	82	0.02
## 634	62	0.05
## 637	55	0.05
## 639	75	0.03
## 640	68	0.69
## 641	64	0.01
## 642	48	0.50
## 643	68	0.07
## 645	86	0.02
## 646	73	0.01
## 647	82	0.02
## 649	74	0.03
## 651	54	0.16
## 652	51	0.05
## 654	66	0.03
## 655	110	0.01
## 656	53	0.11
## 658	64	0.06
## 659	103	0.07
## 661	62	0.05
## 664	109	0.01
## 665	77	0.01
## 666	56	0.01
## 667	61	0.06
## 668	60	0.00
## 669	65	0.02
## 670	57	0.02
## 671	49	0.06
## 673	50	0.03
## 674	53	0.06
## 677	105	0.03
## 679	65	0.01
## 681	60	-1.00
## 682	56	0.12
## 683	82	-1.00
## 684	58	0.02
## 686	67	0.25
## 688	86	0.01
## 689	72	0.01
## 690	51	0.06
## 692	63	0.04
## 693	57	-1.00
## 694	95	0.02
## 695	68	0.07

## 696	84	0.05
## 697	52	0.44
## 698	72	0.04
## 699	51	0.03
## 700	72	0.01
## 701	78	0.26
## 702	86	0.27
## 703	67	0.05
## 704	61	0.09
## 705	69	0.10
## 706	55	0.27
## 707	58	0.01
## 708	78	0.00
## 709	44	0.02
## 710	72	-1.00
## 711	39	0.02
## 714	52	-1.00
## 715	60	0.06
## 716	86	0.02
## 717	77	0.02
## 718	62	0.18
## 720	57	0.05
## 722	58	0.29
## 724	51	0.05
## 725	62	0.02
## 727	75	0.15
## 728	107	0.03
## 729	61	0.02
## 732	71	0.04
## 733	59	0.03
## 734	60	0.08
## 735	89	0.06
## 736	51	0.18
## 737	40	0.00
## 741	94	0.01
## 742	41	0.08
## 743	49	0.05
## 744	61	0.02
## 745	75	0.03
## 746	66	0.01
## 747	84	0.05
## 748	100	0.00
## 749	32	0.03
## 750	67	0.01
## 751	73	0.01
## 752	65	0.01
## 753	56	0.03
## 755	43	0.05
## 757	71	0.18
## 759	91	0.26
## 760	56	0.10
## 761	111	-1.00
## 762	98	0.10
## 763	61	0.06



## 764	54	0.12
## 765	59	0.00
## 766	65	0.00
## 768	43	0.25
## 769	53	0.15
## 770	53	0.01
## 774	27	0.17
## 775	60	0.09
## 776	78	0.01
## 777	65	0.05
## 778	67	0.02
## 779	36	0.59
## 780	59	0.12
## 782	63	0.02
## 783	55	0.05
## 784	62	0.07
## 785	65	0.06
## 786	77	0.02
## 788	52	0.11
## 789	56	0.05
## 790	52	0.04
## 791	88	0.04
## 792	75	0.00
## 793	45	0.05
## 794	87	0.05
## 795	31	0.02
## 796	57	0.05
## 797	112	0.02
## 799	52	0.02
## 801	66	0.12
## 803	22	0.05
## 804	79	0.05
## 805	41	0.09
## 806	79	0.09
## 807	80	0.04
## 808	55	0.37
## 809	77	0.01
## 810	55	0.07
## 811	63	0.02
## 812	83	0.05
## 814	90	0.04
## 815	89	0.12
## 816	78	0.05
## 817	56	0.15
## 819	75	0.00
## 820	64	0.14
## 821	69	0.03
## 822	63	0.21
## 823	69	0.05
## 824	51	0.05
## 825	85	0.03
## 826	68	0.14
## 827	57	0.00
## 828	61	0.05

## 829	41	0.09
## 830	76	0.00
## 831	64	0.17
## 835	46	0.05
## 836	67	0.49
## 837	48	0.10
## 838	52	0.02
## 839	80	0.01
## 840	65	0.01
## 841	64	0.01
## 842	70	0.01
## 843	66	0.05
## 844	92	0.02
## 845	111	0.02
## 847	58	0.04
## 849	49	0.68
## 850	52	0.01
## 851	74	0.27
## 854	74	0.01
## 855	53	0.09
## 856	76	0.05
## 857	57	0.11
## 858	65	0.03
## 859	54	0.25
## 861	73	0.05
## 862	77	0.35
## 863	74	0.04
## 864	99	0.03
## 865	59	0.28
## 867	72	0.03
## 869	97	0.06
## 870	64	0.03
## 874	65	0.02
## 875	40	0.07
## 876	69	0.02
## 877	56	0.04
## 878	91	0.02
## 879	47	0.15
## 880	88	0.01
## 881	42	0.03
## 882	66	-1.00
## 883	57	0.01
## 884	54	0.02
## 885	42	0.41
## 887	56	0.01
## 888	54	0.20
## 889	69	0.04
## 890	79	0.14
## 892	50	0.05
## 893	67	0.01
## 894	64	0.05
## 895	67	0.10
## 896	88	0.54
## 897	69	0.03

## 898	69	0.44
## 901	48	0.03
## 902	51	0.15
## 904	86	0.02
## 906	63	0.40
## 907	91	0.03
## 908	94	0.01
## 909	71	0.02
## 910	62	0.19
## 911	76	0.01
## 912	74	0.05
## 913	47	0.05
## 914	56	0.20
## 915	72	0.01
## 916	87	0.01
## 917	67	0.01
## 920	56	0.01
## 921	80	0.05
## 922	96	0.03
## 923	66	0.02
## 924	29	0.04
## 925	51	0.02
## 926	74	0.00
## 927	76	0.19
## 928	85	0.03
## 929	63	0.02
## 930	64	0.03
## 931	65	0.01
## 933	71	0.12
## 934	81	0.05
## 935	55	0.13
## 936	48	0.05
## 937	67	0.00
## 938	58	0.02
## 939	50	0.08
## 940	75	0.11
## 942	36	0.05
## 944	68	0.06
## 945	50	0.16
## 946	69	0.04
## 947	80	0.02
## 948	72	0.01
## 949	59	0.27
## 950	84	0.13
## 951	90	0.01
## 953	55	0.00
## 956	75	0.22
## 958	82	0.08
## 959	78	0.05
## 960	69	0.11
## 961	62	0.04
## 962	57	0.08
## 964	71	0.02
## 965	51	0.09

## 966	69	0.04
## 967	71	0.03
## 968	55	0.02
## 969	55	0.03
## 970	61	0.10
## 972	64	0.02
## 973	102	0.02
## 974	76	0.05
## 975	80	0.03
## 976	77	0.07
## 977	64	0.02
## 978	60	0.05
## 980	78	0.06
## 981	56	0.06
## 983	71	0.25
## 984	85	0.71
## 986	68	0.06
## 987	69	0.05
## 989	58	0.05
## 990	57	0.07
## 991	78	0.01
## 992	55	0.03
## 994	76	0.05
## 995	68	0.04
## 996	88	0.00
## 997	74	0.00
## 998	55	0.11
## 1000	67	0.05
## 1002	95	0.00
## 1003	84	0.02
## 1004	57	0.40
## 1005	56	0.07
## 1006	57	0.08
## 1007	82	0.04
## 1008	42	0.31
## 1011	72	0.03
## 1013	37	0.05
## 1014	44	0.22
## 1015	90	0.01
## 1016	92	0.00
## 1017	70	0.01
## 1018	90	0.04
## 1019	62	0.05
## 1021	63	0.01
## 1022	57	0.29
## 1023	68	0.02
## 1025	60	0.05
## 1026	68	0.02
## 1028	56	0.03
## 1029	102	0.01
## 1030	47	0.05
## 1031	68	0.18
## 1032	82	0.01
## 1033	54	0.07

## 1035	59	0.05
## 1036	64	0.02
## 1037	68	0.04
## 1038	59	0.05
## 1040	74	0.40
## 1042	93	0.03
## 1043	73	0.01
## 1044	94	0.01
## 1046	67	0.03
## 1047	85	0.02
## 1048	55	0.07
## 1049	107	0.01
## 1050	70	0.02
## 1051	61	0.04
## 1053	88	0.30
## 1054	83	0.13
## 1055	64	0.06
## 1056	58	0.11
## 1057	69	0.05
## 1059	55	0.07
## 1060	53	0.11
## 1061	65	0.05
## 1062	71	0.19
## 1063	94	0.04
## 1064	64	0.01
## 1065	61	0.01
## 1068	84	0.11
## 1069	83	0.01
## 1070	40	-1.00
## 1071	56	0.06
## 1072	72	0.01
## 1073	23	0.65
## 1074	59	0.05
## 1075	86	0.01
## 1076	65	0.03
## 1077	76	0.00
## 1078	50	0.05
## 1079	67	0.01
## 1080	75	0.04
## 1081	80	0.05
## 1084	73	0.00
## 1085	72	0.01
## 1086	41	0.22
## 1087	61	0.06
## 1088	68	0.15
## 1089	52	0.09
## 1090	57	0.01
## 1091	66	0.02
## 1092	64	0.12
## 1093	108	0.06
## 1094	53	0.04
## 1095	72	0.01
## 1096	70	0.05
## 1097	87	0.61

## 1099	72	0.03
## 1100	105	0.01
## 1101	57	0.09
## 1102	52	0.04
## 1103	65	0.06
## 1104	84	0.01
## 1105	51	0.14
## 1106	75	0.05
## 1107	85	0.01
## 1108	44	0.05
## 1109	40	0.03
## 1110	38	0.74
## 1111	49	0.09
## 1112	59	0.01
## 1113	61	0.13
## 1115	33	0.14
## 1118	50	0.06
## 1119	56	0.02
## 1120	46	0.22
## 1121	69	0.01
## 1122	64	0.00
## 1123	56	0.14
## 1125	82	0.01
## 1126	71	0.03
## 1127	59	0.54
## 1128	69	0.01
## 1129	80	0.08
## 1130	67	0.04
## 1132	71	0.09
## 1133	74	0.14
## 1134	60	0.06
## 1135	57	0.05
## 1136	76	0.04
## 1138	43	0.07
## 1139	49	0.00
## 1141	51	0.44
## 1142	52	0.04
## 1143	85	0.04
## 1145	59	0.01
## 1146	53	0.35
## 1147	43	0.05
## 1148	70	0.02
## 1149	85	0.05
## 1150	68	0.01
## 1151	57	0.01
## 1152	87	0.01
## 1153	48	0.01
## 1154	73	0.02
## 1155	76	0.03
## 1156	65	0.02
## 1157	73	0.09
## 1158	47	0.15
## 1159	60	0.15
## 1160	61	0.01

## 1161	89	0.04
## 1163	70	0.02
## 1164	29	0.22
## 1165	63	0.02
## 1167	68	0.00
## 1168	78	0.09
## 1169	78	0.04
## 1170	79	0.01
## 1171	77	0.05
## 1172	28	0.05
## 1173	48	0.24
## 1174	69	0.01
## 1177	61	0.29
## 1178	63	0.21
## 1179	63	0.01
## 1180	47	0.24
## 1181	80	0.14
## 1182	57	0.12
## 1183	90	0.05
## 1185	69	0.11
## 1186	45	0.07
## 1188	47	0.02
## 1189	82	0.01
## 1190	66	0.23
## 1191	70	0.01
## 1192	80	0.02
## 1193	57	0.03
## 1194	52	0.00
## 1195	103	0.02
## 1196	46	0.01
## 1197	65	0.01
## 1198	55	0.25
## 1199	50	0.10
## 1200	112	0.07
## 1201	52	0.45
## 1202	67	0.01
## 1203	60	0.47
## 1204	53	0.00
## 1205	52	0.07
## 1207	84	0.05
## 1209	82	0.03
## 1210	42	0.08
## 1211	43	0.07
## 1212	64	0.05
## 1214	77	0.05
## 1217	53	0.39
## 1218	75	0.01
## 1220	56	0.03
## 1221	72	0.02
## 1223	63	0.07
## 1224	112	0.02
## 1225	56	0.04
## 1226	81	0.03
## 1227	89	0.06

## 1228	76	0.23
## 1229	66	0.05
## 1231	62	0.16
## 1232	64	0.02
## 1235	56	0.06
## 1237	64	0.02
## 1238	89	0.05
## 1239	94	0.02
## 1240	53	0.01
## 1242	48	0.04
## 1243	59	0.05
## 1244	54	0.05
## 1245	59	0.01
## 1246	75	0.04
## 1247	73	0.09
## 1248	59	0.14
## 1249	69	0.12
## 1250	56	0.02
## 1252	78	0.01
## 1253	67	0.04
## 1255	92	0.04
## 1256	67	0.05
## 1258	74	0.00
## 1259	66	0.22
## 1262	73	0.06
## 1265	78	0.05
## 1266	66	0.01
## 1267	76	0.01
## 1268	92	0.03
## 1269	72	0.07
## 1270	79	0.03
## 1271	71	0.19
## 1272	43	0.06
## 1273	83	0.05
## 1274	64	0.02
## 1275	75	0.02
## 1276	55	0.05
## 1277	53	0.07
## 1278	64	0.02
## 1281	72	0.05
## 1282	63	0.01
## 1283	33	0.02
## 1284	71	0.03
## 1285	80	0.05
## 1286	54	0.08
## 1287	75	0.05
## 1288	55	0.24
## 1289	64	0.00
## 1290	87	0.03
## 1291	80	0.04
## 1292	57	-1.00
## 1293	84	0.03
## 1295	43	-1.00
## 1297	44	0.04



## 1298	81	0.05
## 1299	67	0.02
## 1300	81	0.04
## 1301	57	0.68
## 1303	68	0.02
## 1304	55	0.03
## 1305	43	0.71
## 1307	90	0.02
## 1308	73	0.06
## 1309	80	0.01
## 1310	100	0.01
## 1311	86	0.14
## 1312	58	0.01
## 1314	85	0.03
## 1315	77	0.03
## 1316	96	0.28
## 1317	77	0.01
## 1319	62	0.08
## 1320	73	0.02
## 1321	90	0.01
## 1322	60	0.07
## 1323	75	0.01
## 1324	73	0.04
## 1325	60	0.01
## 1326	70	0.03
## 1327	36	0.09
## 1328	91	0.01
## 1329	72	0.01
## 1330	91	0.00
## 1331	57	0.16
## 1332	79	0.03
## 1333	67	0.04
## 1334	88	0.01
## 1335	47	0.85
## 1336	64	0.32
## 1338	85	0.26
## 1339	82	0.02
## 1340	70	0.10
## 1342	63	0.01
## 1343	67	0.07
## 1344	64	0.03
## 1345	98	0.00
## 1347	78	0.09
## 1348	93	0.05
## 1349	71	0.02
## 1350	70	0.09
## 1351	74	0.05
## 1353	73	0.07
## 1354	58	0.20
## 1355	78	0.04
## 1356	39	0.02
## 1357	61	0.01
## 1358	81	0.05
## 1359	59	0.05

## 1360	79	0.01
## 1361	62	0.09
## 1362	74	0.07
## 1363	61	0.01
## 1364	87	0.06
## 1366	68	0.02
## 1367	37	0.01
## 1368	64	0.05
## 1369	39	0.01
## 1370	76	0.09
## 1371	80	0.05
## 1373	64	0.01
## 1375	85	0.21
## 1377	71	0.01
## 1378	61	0.01
## 1379	59	0.01
## 1380	99	0.08
## 1381	64	-1.00
## 1383	64	0.05
## 1385	61	0.04
## 1386	75	0.08
## 1388	59	0.05
## 1389	77	0.03
## 1390	37	0.13
## 1391	65	0.03
## 1392	42	0.03
## 1394	73	0.05
## 1395	62	0.02
## 1396	62	0.02
## 1397	59	0.05
## 1398	24	0.14
## 1400	80	0.04
## 1401	69	0.06
## 1402	54	0.01
## 1405	65	0.01
## 1407	68	0.04
## 1408	70	0.02
## 1409	53	0.17
## 1410	69	0.05
## 1411	108	0.11
## 1412	49	0.01
## 1413	63	0.12
## 1414	60	0.12
## 1415	77	0.00
## 1417	52	0.12
## 1418	58	0.04
## 1419	74	0.02
## 1420	43	0.03
## 1422	34	0.04
## 1424	70	0.04
## 1425	87	0.05
## 1426	88	0.19
## 1427	59	0.09
## 1428	67	0.03

## 1429	65	0.02
## 1430	56	0.68
## 1431	50	0.15
## 1433	56	0.15
## 1434	60	0.11
## 1435	66	0.05
## 1436	73	0.06
## 1437	58	0.01
## 1440	67	0.05
## 1441	56	0.01
## 1442	68	0.00
## 1443	48	0.15
## 1446	86	0.00
## 1447	64	-1.00
## 1448	53	0.19
## 1449	40	0.07
## 1450	59	0.08
## 1451	58	0.05
## 1452	71	0.03
## 1453	66	0.05
## 1454	60	0.02
## 1455	76	0.05
## 1456	72	0.02
## 1457	43	0.04
## 1458	69	0.01
## 1459	62	0.01
## 1460	58	0.01
## 1466	57	0.05
## 1467	69	0.01
## 1468	66	0.05
## 1469	61	0.09
## 1470	60	0.02
## 1471	73	0.04
## 1472	89	0.13
## 1475	85	0.01
## 1476	87	0.05
## 1477	61	0.23
## 1478	62	0.02
## 1479	91	0.02
## 1480	72	0.01
## 1481	71	0.03
## 1483	81	0.04
## 1484	83	0.18
## 1486	72	0.05
## 1487	53	0.08
## 1488	95	0.02
## 1489	64	0.05
## 1491	78	0.52
## 1492	90	0.04
## 1494	94	0.09
## 1495	42	0.07
## 1496	67	0.12
## 1497	54	0.07
## 1498	62	0.01

## 1501	71	0.01
## 1502	93	0.03
## 1503	30	0.18
## 1506	48	0.04
## 1507	49	0.05
## 1509	45	0.53
## 1510	56	0.13
## 1511	100	0.02
## 1512	87	0.02
## 1513	40	0.16
## 1514	48	0.02
## 1515	64	0.14
## 1516	46	0.09
## 1517	86	0.05
## 1518	96	0.01
## 1519	64	0.05
## 1520	56	0.05
## 1521	51	0.07
## 1522	60	0.03
## 1523	68	0.08
## 1524	65	0.03
## 1525	65	0.11
## 1528	45	0.12
## 1529	64	0.03
## 1530	49	0.75
## 1532	72	0.01
## 1533	53	0.04
## 1534	100	0.01
## 1535	51	0.04
## 1536	61	0.02
## 1537	55	0.05
## 1538	65	0.02
## 1540	64	0.02
## 1542	55	0.34
## 1543	56	0.12
## 1544	71	0.05
## 1545	56	0.03
## 1546	92	0.10
## 1548	71	0.02
## 1549	75	0.01
## 1550	81	0.03
## 1551	77	0.54
## 1552	68	0.11
## 1553	51	0.17
## 1554	75	0.02
## 1555	28	0.04
## 1556	52	0.07
## 1557	55	0.09
## 1558	72	0.00
## 1559	60	0.42
## 1560	37	0.20
## 1562	54	0.19
## 1563	64	0.01
## 1564	73	0.05

## 1565	66	0.37
## 1566	60	0.18
## 1567	75	0.12
## 1568	78	0.15
## 1569	31	0.19
## 1570	70	0.08
## 1571	72	0.25
## 1572	59	0.24
## 1573	81	0.08
## 1574	62	0.05
## 1575	62	0.05
## 1576	101	0.01
## 1577	80	0.03
## 1578	82	0.09
## 1579	88	0.01
## 1580	76	0.05
## 1581	31	0.06
## 1583	65	0.01
## 1584	59	0.02
## 1585	74	0.07
## 1587	55	0.07
## 1588	53	0.15
## 1589	71	0.05
## 1590	77	0.28
## 1591	76	0.03
## 1592	69	0.05
## 1594	50	0.11
## 1595	68	0.11
## 1596	62	0.02
## 1597	69	0.66
## 1598	69	0.07
## 1599	73	0.05
## 1601	81	0.01
## 1602	50	0.09
## 1603	67	0.11
## 1604	49	0.19
## 1605	87	0.00
## 1606	47	0.05
## 1608	63	0.03
## 1609	46	0.06
## 1610	51	0.08
## 1611	56	0.05
## 1612	58	0.08
## 1613	22	0.02
## 1614	63	0.42
## 1615	62	0.08
## 1616	67	0.01
## 1617	90	0.60
## 1618	80	0.08
## 1619	83	0.01
## 1620	84	0.01
## 1621	50	0.06
## 1622	67	0.01
## 1623	67	0.11

## 1625	45	0.35
## 1626	52	0.04
## 1627	55	0.05
## 1628	45	0.04
## 1630	64	0.02
## 1631	65	0.05
## 1633	62	0.18
## 1634	66	0.07
## 1635	79	0.03
## 1637	64	0.00
## 1638	96	0.02
## 1639	85	0.02
## 1641	63	0.08
## 1642	64	0.03
## 1644	66	0.04
## 1645	57	0.01
## 1647	59	-1.00
## 1650	74	0.01
## 1652	83	0.03
## 1653	84	0.06
## 1654	88	0.02
## 1655	80	0.02
## 1656	92	0.24
## 1657	58	0.19
## 1659	58	0.03
## 1661	86	0.37
## 1662	62	0.07
## 1663	60	0.46
## 1664	80	0.13
## 1665	52	0.18
## 1666	66	0.00
## 1667	85	0.01
## 1668	77	0.03
## 1669	57	0.05
## 1670	60	0.49
## 1672	58	0.04
## 1674	66	0.10
## 1675	82	0.00
## 1676	80	0.04
## 1677	60	0.00
## 1678	52	0.00
## 1679	74	0.03
## 1680	63	0.09
## 1681	57	0.01
## 1682	50	0.05
## 1683	77	0.02
## 1684	55	0.15
## 1685	68	0.02
## 1686	64	-1.00
## 1687	81	0.04
## 1688	86	0.45
## 1689	88	0.01
## 1690	63	0.05
## 1691	84	0.05

## 1692	97	0.03
## 1693	56	0.13
## 1694	42	0.06
## 1695	62	0.03
## 1696	55	0.88
## 1698	63	0.57
## 1699	57	0.03
## 1700	67	0.00
## 1701	72	0.07
## 1702	61	0.05
## 1703	65	0.01
## 1704	59	0.07
## 1705	90	0.01
## 1706	50	0.01
## 1708	29	0.09
## 1709	55	0.23
## 1710	79	0.01
## 1711	101	0.02
## 1712	52	0.02
## 1713	112	0.01
## 1714	48	0.06
## 1715	61	0.02
## 1716	80	0.22
## 1717	48	0.01
## 1718	79	0.01
## 1719	80	0.03
## 1720	73	0.01
## 1721	40	0.05
## 1722	64	0.20
## 1723	62	0.14
## 1724	75	0.03
## 1725	44	0.05
## 1726	81	0.08
## 1727	62	0.02
## 1728	85	0.00
## 1729	57	0.05
## 1730	47	0.20
## 1731	44	0.04
## 1732	63	0.03
## 1733	61	0.05
## 1735	87	0.02
## 1736	49	0.05
## 1737	64	0.01
## 1738	85	0.02
## 1740	79	0.00
## 1741	58	0.67
## 1742	50	0.03
## 1743	61	0.05
## 1744	84	0.01
## 1745	60	0.16
## 1747	59	0.05
## 1748	78	0.03
## 1749	67	0.50
## 1750	68	0.12

## 1751	59	0.14
## 1752	54	0.68
## 1753	92	0.05
## 1754	72	0.20
## 1756	85	0.05
## 1758	68	0.01
## 1759	64	0.10
## 1761	57	0.06
## 1762	64	0.05
## 1763	60	0.09
## 1764	72	0.02
## 1765	45	0.05
## 1766	64	0.10
## 1768	68	0.01
## 1770	82	0.02
## 1772	71	-1.00
## 1773	64	0.19
## 1774	77	0.02
## 1775	56	0.24
## 1776	61	0.02
## 1778	68	0.05
## 1779	63	0.02
## 1781	22	0.01
## 1782	61	0.05
## 1784	65	0.03
## 1785	46	0.45
## 1786	92	0.07
## 1787	83	0.06
## 1788	52	0.14
## 1789	55	0.06
## 1790	63	0.03
## 1792	90	0.03
## 1793	80	0.03
## 1794	53	0.05
## 1795	60	0.10
## 1796	90	0.09
## 1798	48	0.03
## 1799	57	0.43
## 1800	59	0.71
## 1801	72	0.03
## 1802	64	0.05
## 1803	66	0.04
## 1804	87	0.02
## 1805	57	0.05
## 1806	50	0.26
## 1807	76	0.03
## 1808	48	0.01
## 1809	72	0.03
## 1812	96	0.06
## 1813	91	0.04
## 1814	75	0.01
## 1815	77	-1.00
## 1816	56	0.05
## 1817	75	0.32



## 1819	58	0.02
## 1821	42	0.25
## 1822	75	0.01
## 1823	62	0.61
## 1824	42	0.12
## 1825	42	0.04
## 1827	94	0.01
## 1828	72	0.01
## 1829	57	-1.00
## 1830	41	0.05
## 1831	83	0.02
## 1832	58	0.01
## 1835	55	0.08
## 1836	56	0.35
## 1837	67	0.05
## 1838	81	0.01
## 1839	53	0.23
## 1840	61	0.07
## 1841	62	0.15
## 1842	76	0.05
## 1843	78	0.02
## 1844	58	0.26
## 1845	67	0.03
## 1846	56	0.62
## 1847	60	-1.00
## 1848	82	0.08
## 1849	80	0.01
## 1850	51	0.04
## 1851	73	0.41
## 1852	55	0.40
## 1853	71	0.01
## 1854	60	0.04
## 1855	79	0.02
## 1856	84	0.05
## 1857	43	-1.00
## 1858	54	0.34
## 1859	62	0.08
## 1861	64	0.15
## 1865	64	0.02
## 1866	64	0.13
## 1867	73	0.12
## 1868	86	0.17
## 1869	73	0.02
## 1870	93	0.02
## 1871	64	0.05
## 1872	68	0.04
## 1873	82	0.02
## 1874	57	0.01
## 1876	92	-1.00
## 1878	78	0.06
## 1879	85	0.05
## 1880	70	0.05
## 1882	58	0.03
## 1883	58	0.05

## 1884	88	0.13
## 1885	88	0.02
## 1886	84	0.02
## 1887	71	0.06
## 1888	65	0.06
## 1889	103	0.19
## 1890	73	0.01
## 1891	32	0.30
## 1892	92	0.03
## 1893	51	0.05
## 1895	60	0.05
## 1896	62	0.05
## 1897	63	0.04
## 1898	75	0.03
## 1899	111	0.08
## 1901	76	0.05
## 1902	60	0.01
## 1903	77	0.01
## 1904	95	0.02
## 1905	74	0.05
## 1906	49	0.04
## 1907	84	0.01
## 1909	30	0.33
## 1911	63	0.05
## 1912	81	0.13
## 1913	60	0.16
## 1914	47	0.48
## 1915	66	0.05
## 1916	70	0.05
## 1917	76	0.11
## 1918	34	0.04
## 1919	60	0.05
## 1920	62	0.08
## 1923	61	0.03
## 1924	64	0.13
## 1925	90	0.03
## 1926	54	-1.00
## 1927	70	0.14
## 1928	74	0.05
## 1931	64	0.04
## 1932	66	0.04
## 1933	68	0.35
## 1934	73	0.07
## 1935	104	0.00
## 1936	58	0.04
## 1937	63	0.05
## 1938	37	0.33
## 1939	53	0.16
## 1940	58	0.03
## 1941	54	0.05
## 1942	55	0.15
## 1943	107	0.02
## 1944	58	0.06
## 1946	69	0.24

## 1947	70	0.15
## 1948	52	0.01
## 1949	99	0.01
## 1950	88	0.03
## 1952	71	0.05
## 1953	76	0.02
## 1955	85	0.05
## 1956	48	-1.00
## 1957	63	0.04
## 1958	67	0.23
## 1959	65	0.02
## 1960	77	0.27
## 1962	51	0.12
## 1965	61	0.06
## 1967	76	0.05
## 1968	84	0.04
## 1969	82	0.03
## 1970	85	0.17
## 1971	64	0.02
## 1973	61	0.06
## 1975	56	0.01
## 1978	91	0.05
## 1979	59	0.13
## 1981	55	0.12
## 1982	62	0.28
## 1983	53	0.08
## 1984	65	0.01
## 1986	82	0.03
## 1988	46	0.02
## 1989	46	0.17
## 1990	51	0.06
## 1991	40	0.10
## 1992	57	0.03
## 1993	70	0.08
## 1994	49	0.08
## 1995	22	0.05
## 1996	78	0.02
## 1997	62	0.01
## 1999	58	0.06
## 2000	57	0.21
## 2001	55	0.04
## 2002	55	0.05
## 2003	70	0.00
## 2004	81	0.02
## 2005	70	0.04
## 2006	63	0.12
## 2007	59	0.02
## 2008	57	0.20
## 2009	63	0.11
## 2010	65	0.44
## 2011	32	0.37
## 2014	66	0.07
## 2015	64	0.01
## 2016	85	0.03

## 2017	80	0.15
## 2018	91	0.75
## 2019	60	0.03
## 2020	61	0.04
## 2024	50	0.19
## 2025	93	0.04
## 2027	74	0.02
## 2028	55	0.08
## 2029	53	0.12
## 2030	64	0.09
## 2031	67	0.03
## 2032	48	0.27
## 2033	64	0.02
## 2034	61	0.03
## 2035	55	0.04
## 2036	64	0.09
## 2037	62	0.05
## 2038	71	0.02
## 2039	86	0.02
## 2040	75	0.05
## 2041	103	0.09
## 2042	86	0.05
## 2043	62	0.05
## 2045	54	0.05
## 2047	51	0.15
## 2048	40	0.54
## 2049	62	0.10
## 2050	90	0.11
## 2051	65	0.06
## 2052	36	0.35
## 2054	64	0.01
## 2055	67	0.05
## 2057	62	0.01
## 2058	56	0.00
## 2059	77	0.05
## 2060	62	0.03
## 2062	65	0.02
## 2063	83	0.02
## 2064	97	0.05
## 2065	63	0.47
## 2067	61	0.16
## 2068	65	0.06
## 2069	80	0.02
## 2070	62	0.19
## 2071	64	0.01
## 2072	51	0.11
## 2074	55	0.79
## 2075	81	0.01
## 2077	81	0.02
## 2078	61	0.05
## 2079	40	0.14
## 2080	66	0.03
## 2081	99	0.02
## 2082	59	0.03

## 2083	58	0.07
## 2084	48	0.06
## 2085	57	0.05
## 2086	50	0.05
## 2087	73	0.05
## 2088	112	0.02
## 2090	64	0.03
## 2092	61	0.03
## 2093	61	0.03
## 2094	87	0.01
## 2095	46	0.05
## 2096	57	0.02
## 2097	96	0.02
## 2099	89	-1.00
## 2100	46	0.06
## 2101	61	0.04
## 2103	79	0.01
## 2105	76	0.04
## 2106	65	0.02
## 2107	63	0.05
## 2108	64	0.05
## 2110	61	0.06
## 2111	88	0.05
## 2112	46	0.23
## 2113	67	0.05
## 2114	71	0.05
## 2115	60	0.02
## 2117	63	0.10
## 2118	77	0.15
## 2119	52	0.16
## 2120	83	0.18
## 2122	82	0.20
## 2123	72	0.02
## 2124	56	0.57
## 2125	54	0.05
## 2126	74	0.03
## 2127	61	0.06
## 2128	73	0.49
## 2130	78	0.04
## 2131	97	0.05
## 2132	60	0.00
## 2133	49	0.14
## 2134	64	0.07
## 2135	72	0.02
## 2136	56	-1.00
## 2137	78	0.05
## 2138	70	0.01
## 2139	73	0.05
## 2140	70	0.02
## 2141	54	0.06
## 2142	80	0.05
## 2143	55	0.01
## 2144	79	0.04
## 2145	82	0.02

## 2146	85	0.02
## 2147	42	0.01
## 2148	64	0.31
## 2150	77	0.06
## 2151	45	0.12
## 2153	73	0.06
## 2155	111	0.49
## 2157	56	0.17
## 2158	59	0.04
## 2159	56	0.10
## 2160	64	0.03
## 2161	47	0.43
## 2162	85	0.05
## 2163	69	0.06
## 2164	50	0.05
## 2165	64	0.03
## 2166	88	0.06
## 2167	87	0.05
## 2168	63	0.05
## 2169	62	0.05
## 2170	63	0.02
## 2171	54	0.03
## 2172	80	0.05
## 2174	65	0.26
## 2175	47	0.18
## 2176	55	0.03
## 2177	70	0.00
## 2178	63	0.01
## 2179	44	0.06
## 2180	59	0.05
## 2181	82	0.05
## 2182	52	0.07
## 2184	67	0.06
## 2185	60	0.07
## 2187	37	0.12
## 2188	85	0.00
## 2189	39	0.04
## 2190	69	0.01
## 2195	68	0.02
## 2196	73	0.06
## 2197	56	0.01
## 2198	68	0.02
## 2199	68	0.02
## 2200	97	0.02
## 2201	47	0.11
## 2202	67	0.05
## 2203	83	0.06
## 2204	80	0.08
## 2205	75	0.08
## 2206	64	0.03
## 2207	57	0.13
## 2208	73	0.36
## 2209	60	0.22
## 2210	53	0.11

## 2211	62	0.05
## 2212	75	0.05
## 2213	63	0.04
## 2214	47	0.04
## 2215	60	0.19
## 2216	65	0.05
## 2218	64	0.01
## 2219	71	0.01
## 2220	58	0.55
## 2221	40	0.12
## 2223	42	0.19
## 2224	78	0.03
## 2225	68	0.00
## 2226	54	0.03
## 2227	39	0.09
## 2229	64	0.03
## 2231	76	0.26
## 2232	34	0.06
## 2234	63	0.40
## 2235	54	0.05
## 2238	111	0.04
## 2240	62	0.04
## 2241	112	0.03
## 2243	55	0.07
## 2244	53	0.05
## 2245	73	0.02
## 2246	56	0.34
## 2247	69	0.07
## 2249	60	0.05
## 2250	61	0.09
## 2251	108	0.07
## 2252	76	0.05
## 2253	79	0.40
## 2254	76	0.05
## 2255	80	0.15
## 2256	53	0.07
## 2258	75	0.03
## 2259	66	0.01
## 2260	88	0.05
## 2261	50	0.05
## 2262	49	0.12
## 2263	71	0.05
## 2266	58	0.15
## 2267	79	0.28
## 2269	68	0.05
## 2270	51	0.16
## 2272	80	0.02
## 2273	97	0.03
## 2274	73	-1.00
## 2275	70	0.04
## 2276	72	0.02
## 2277	62	0.12
## 2278	58	0.02
## 2281	98	0.05

## 2282	87	0.46
## 2285	51	0.05
## 2286	84	0.05
## 2287	68	0.02
## 2288	68	0.14
## 2289	65	0.01
## 2290	88	0.01
## 2294	58	0.05
## 2296	66	0.01
## 2297	57	0.09
## 2299	51	0.12
## 2300	62	0.04
## 2301	62	0.03
## 2302	56	0.09
## 2303	47	0.04
## 2304	64	0.05
## 2305	66	0.05
## 2307	72	0.03
## 2308	68	0.01
## 2309	40	0.08
## 2310	72	0.10
## 2312	51	0.10
## 2314	54	0.01
## 2315	71	0.06
## 2316	54	0.50
## 2317	66	0.13
## 2318	57	0.06
## 2320	90	0.02
## 2322	58	0.01
## 2323	72	0.05
## 2324	68	0.01
## 2327	52	0.11
## 2328	50	0.25
## 2329	44	0.07
## 2330	69	0.18
## 2331	80	0.20
## 2333	66	0.34
## 2335	84	0.01
## 2336	69	0.01
## 2339	96	-1.00
## 2340	72	0.35
## 2341	63	0.03
## 2342	31	0.02
## 2343	75	0.02
## 2344	41	0.06
## 2347	58	0.02
## 2348	71	-1.00
## 2349	80	0.01
## 2350	70	0.04
## 2352	65	0.01
## 2354	51	0.27
## 2355	61	0.05
## 2356	62	0.02
## 2357	68	0.03



## 2358	58	0.02
## 2359	83	0.01
## 2360	61	0.02
## 2361	66	0.05
## 2363	83	0.01
## 2364	92	0.04
## 2365	79	0.03
## 2368	45	0.15
## 2369	60	0.04
## 2370	50	0.07
## 2371	54	0.41
## 2372	90	0.02
## 2373	70	0.21
## 2374	111	0.05
## 2375	64	0.04
## 2376	83	0.02
## 2377	53	0.22
## 2378	89	0.03
## 2379	63	0.00
## 2381	89	0.01
## 2382	71	0.01
## 2383	91	0.01
## 2384	91	0.01
## 2385	63	-1.00
## 2386	67	0.05
## 2387	78	0.00
## 2388	75	0.31
## 2390	58	0.18
## 2391	88	0.01
## 2393	57	0.03
## 2394	32	0.06
## 2395	53	0.02
## 2397	73	0.04
## 2398	55	0.06
## 2399	84	0.01
## 2400	112	0.13
## 2401	59	0.01
## 2402	72	0.05
## 2404	83	0.02
## 2407	42	0.08
## 2412	59	0.00
## 2413	66	-1.00
## 2414	99	0.01
## 2415	58	0.04
## 2416	53	0.09
## 2417	51	0.21
## 2419	65	0.07
## 2421	66	0.31
## 2422	53	0.45
## 2423	70	0.04
## 2424	50	0.09
## 2425	83	0.24
## 2427	67	0.04
## 2428	63	0.30

## 2429	56			0.05	
## 2431	22			0.06	
## 2432	82			0.02	
## 2433	40			0.05	
## 2434	79			0.03	
## 2437	57			0.09	
## 2438	83			0.01	
## 2440	89			0.08	
##	apache_4a_icu_death_prob	aids	cirrhosis	diabetes_mellitus	hepatic_failure
## 1	0.07	0	0	1	0
## 2	0.21	0	0	0	0
## 3	0.02	0	0	1	0
## 4	0.03	0	0	1	0
## 6	0.04	0	0	0	0
## 7	0.01	0	0	0	0
## 8	0.02	0	0	0	0
## 9	0.02	0	0	0	0
## 10	0.02	0	0	0	0
## 11	0.02	0	0	1	0
## 12	0.00	0	0	1	0
## 13	0.00	0	0	0	0
## 15	0.03	0	0	1	0
## 17	0.00	0	0	0	0
## 18	0.00	0	0	0	0
## 19	0.00	0	0	0	0
## 20	0.15	0	0	0	0
## 21	0.01	0	0	1	0
## 22	0.05	0	0	0	0
## 23	0.03	0	0	0	0
## 24	0.07	0	0	0	0
## 25	0.02	0	0	0	0
## 27	0.02	0	0	1	0
## 30	0.00	0	0	1	0
## 31	0.01	0	0	0	0
## 32	0.00	0	0	0	0
## 33	0.04	0	0	1	0
## 34	0.25	0	0	0	0
## 35	0.04	0	0	0	0
## 36	0.26	0	0	1	0
## 37	0.01	0	0	0	0
## 38	0.02	0	0	0	0
## 41	0.02	0	0	0	0
## 42	0.05	0	0	0	0
## 43	-1.00	0	0	0	0
## 44	0.02	0	0	1	0
## 45	0.05	0	0	0	0
## 46	0.05	0	0	0	0
## 47	0.02	0	0	0	0
## 48	0.13	0	0	1	0
## 49	0.01	0	0	0	0
## 50	0.40	0	0	0	0
## 51	0.00	0	0	0	0
## 52	0.02	0	0	0	0
## 53	0.02	0	0	0	0

## 54	0.01	0	0	0	0
## 55	0.02	0	0	0	0
## 56	0.00	0	0	1	0
## 57	0.03	0	0	0	0
## 58	0.02	0	0	1	0
## 59	0.33	0	0	0	0
## 62	0.01	0	0	1	0
## 63	0.02	0	0	0	0
## 64	0.02	0	0	1	0
## 65	0.00	0	0	0	0
## 66	0.01	0	0	0	0
## 67	0.06	0	0	0	0
## 68	0.02	0	0	0	0
## 69	0.04	0	0	1	0
## 70	0.02	0	0	0	0
## 71	0.02	0	0	0	0
## 73	0.00	0	0	0	0
## 74	0.02	0	0	0	0
## 75	0.08	0	0	0	0
## 76	0.03	0	0	0	0
## 77	0.02	0	0	0	0
## 78	0.06	0	0	0	0
## 79	0.01	0	0	0	0
## 80	0.03	0	0	1	0
## 82	0.02	0	0	1	0
## 83	0.45	0	0	0	0
## 84	0.04	0	0	0	0
## 85	0.13	0	0	1	0
## 87	0.00	0	0	0	0
## 88	0.05	0	0	1	0
## 89	0.00	0	0	1	0
## 91	0.02	0	0	0	0
## 93	0.00	0	0	0	0
## 94	0.01	0	0	0	0
## 95	0.01	0	0	0	0
## 96	-1.00	0	0	0	0
## 97	0.02	0	0	0	0
## 98	0.02	0	0	0	0
## 99	0.02	0	0	0	0
## 100	0.11	0	0	0	0
## 101	0.01	0	0	0	0
## 102	0.05	0	0	0	0
## 103	0.03	0	0	0	0
## 104	0.01	0	0	0	0
## 105	0.02	0	0	0	0
## 106	0.02	0	0	0	0
## 107	0.27	0	0	0	0
## 108	-1.00	0	0	0	0
## 109	0.01	0	0	0	0
## 110	0.05	0	0	0	0
## 111	0.02	0	0	1	0
## 112	0.02	0	0	0	0
## 114	0.00	0	0	1	0
## 115	0.02	0	0	1	0

## 118	0.21	0	0	0	0
## 119	0.02	0	0	1	0
## 120	0.02	0	0	0	0
## 121	0.02	0	0	0	0
## 125	0.00	0	0	0	0
## 126	0.01	0	0	0	0
## 127	0.02	0	0	0	0
## 128	0.01	0	0	0	0
## 129	0.02	0	0	1	0
## 130	0.00	0	0	0	0
## 132	0.06	0	0	0	0
## 133	0.01	0	0	0	0
## 134	0.02	0	0	0	0
## 136	0.03	0	0	1	0
## 138	0.02	0	0	1	0
## 139	0.01	0	0	0	0
## 141	0.02	0	0	0	0
## 143	0.01	0	0	1	0
## 144	0.01	0	0	1	0
## 145	0.01	0	0	0	0
## 146	0.06	0	0	0	0
## 147	0.04	0	0	1	0
## 148	0.63	0	0	1	0
## 150	0.10	0	0	0	0
## 151	0.02	0	0	0	0
## 152	0.01	0	0	0	0
## 153	0.01	0	0	1	0
## 155	0.07	0	0	0	0
## 157	0.02	0	0	0	0
## 159	0.02	0	0	1	0
## 160	0.41	0	0	0	0
## 161	-1.00	0	0	0	0
## 162	0.03	0	0	0	0
## 163	0.01	0	0	0	0
## 164	0.01	0	0	0	0
## 165	0.10	0	0	0	0
## 166	0.00	0	0	0	0
## 167	0.09	0	0	0	0
## 168	0.01	0	0	0	0
## 170	0.00	0	0	0	0
## 171	0.05	0	0	1	0
## 172	0.05	0	0	0	0
## 173	-1.00	0	0	0	0
## 174	0.00	0	0	0	0
## 175	0.03	0	0	0	0
## 176	0.05	0	0	0	0
## 177	0.02	0	0	0	0
## 178	0.01	0	0	0	0
## 179	0.03	0	0	0	0
## 180	0.11	0	0	0	0
## 181	0.03	0	0	0	0
## 182	0.01	0	0	0	0
## 183	0.01	0	0	0	0
## 184	0.01	0	0	1	0

## 186	0.01	0	0	0	0
## 188	0.02	0	0	1	0
## 189	0.05	0	0	0	0
## 190	0.02	0	0	0	0
## 191	0.09	0	0	0	0
## 193	0.01	0	0	0	0
## 198	0.03	0	0	0	0
## 200	0.05	0	0	0	0
## 201	0.00	0	0	1	0
## 202	0.01	0	0	0	0
## 203	0.24	0	0	1	0
## 204	0.01	0	0	0	0
## 205	0.04	0	0	1	0
## 206	0.01	0	0	0	0
## 207	0.02	0	1	0	0
## 208	0.13	0	0	0	0
## 209	0.01	0	0	0	0
## 211	0.00	0	0	0	0
## 212	0.09	0	0	0	0
## 213	0.00	0	0	0	0
## 214	0.07	0	0	0	0
## 215	0.38	0	0	1	0
## 217	0.08	0	0	0	0
## 218	0.13	0	0	1	0
## 219	0.01	0	0	0	0
## 221	0.01	0	0	0	0
## 222	0.09	0	0	1	0
## 223	0.07	0	0	0	0
## 224	0.09	0	0	0	0
## 225	0.03	0	0	0	0
## 226	0.02	0	0	0	0
## 228	0.01	0	0	0	0
## 229	0.02	0	0	0	0
## 230	0.01	0	0	0	0
## 231	0.02	0	0	1	0
## 232	0.02	0	0	0	0
## 233	0.01	0	0	0	0
## 235	0.04	0	0	0	0
## 236	0.13	0	0	0	0
## 237	0.05	0	0	0	0
## 238	0.02	0	0	0	0
## 239	0.04	0	0	0	0
## 241	0.02	0	0	0	0
## 242	-1.00	0	0	0	0
## 243	-1.00	0	0	0	0
## 244	0.00	0	0	0	0
## 246	0.83	0	0	1	0
## 247	0.02	0	0	0	0
## 248	0.01	0	0	0	0
## 250	0.01	0	0	0	0
## 251	0.01	0	0	1	0
## 252	0.05	0	0	0	0
## 253	0.04	0	0	1	0
## 254	0.01	0	0	0	0

## 255	0.03	0	0	0	0
## 256	0.01	0	0	0	0
## 257	0.05	0	0	1	0
## 258	0.02	0	0	0	0
## 259	-1.00	0	0	0	0
## 260	0.05	0	0	0	0
## 262	0.38	0	0	0	0
## 263	0.01	0	0	0	0
## 264	0.03	0	0	0	0
## 265	0.02	0	0	1	0
## 266	0.01	0	0	0	0
## 267	0.01	0	0	0	0
## 268	0.02	0	0	0	0
## 269	0.01	0	0	0	0
## 270	0.01	0	0	0	0
## 271	0.02	0	0	0	0
## 272	0.01	0	0	0	0
## 273	0.03	0	0	0	0
## 274	0.03	0	0	0	0
## 275	0.01	0	0	1	0
## 276	0.13	0	1	1	0
## 278	0.00	0	0	0	0
## 279	0.00	0	0	1	0
## 280	0.08	0	0	1	0
## 281	0.02	0	0	0	0
## 282	0.02	0	0	0	0
## 284	0.02	0	0	0	0
## 285	0.00	0	0	1	0
## 286	0.14	0	0	0	0
## 287	0.01	0	0	0	0
## 288	0.03	0	0	0	0
## 289	0.01	0	0	0	0
## 291	0.01	0	0	0	0
## 292	0.02	0	0	0	0
## 294	0.04	0	0	1	0
## 295	0.18	0	0	0	0
## 296	0.04	0	0	0	0
## 297	0.04	0	0	0	0
## 298	0.02	0	0	0	0
## 299	0.12	0	0	0	0
## 300	0.01	0	0	1	0
## 301	0.03	0	0	0	0
## 303	0.00	0	0	1	0
## 304	0.04	0	0	0	0
## 306	0.03	0	0	0	0
## 307	0.01	0	0	0	0
## 309	0.03	0	0	0	0
## 310	0.01	0	0	1	0
## 312	0.02	0	0	0	0
## 313	0.03	0	0	1	0
## 314	0.09	0	0	0	0
## 315	0.03	0	0	0	0
## 316	0.01	0	0	0	0
## 317	0.01	0	0	0	0

## 318	0.03	0	0	0	0
## 319	0.01	0	0	0	0
## 321	0.01	0	0	0	0
## 323	-1.00	0	0	0	0
## 324	0.01	0	0	0	0
## 325	0.01	0	0	0	0
## 326	0.03	0	0	0	0
## 327	-1.00	0	0	0	0
## 328	0.03	0	0	1	0
## 329	0.04	0	0	1	0
## 331	0.05	0	0	0	0
## 334	0.00	0	0	0	0
## 335	0.03	0	0	0	0
## 336	0.01	0	0	0	0
## 337	0.02	0	0	0	0
## 338	0.01	0	0	0	0
## 340	0.02	0	0	0	0
## 342	0.02	0	0	0	0
## 343	0.04	0	0	1	0
## 345	0.02	0	0	1	0
## 346	0.03	0	0	0	0
## 347	0.01	0	0	0	0
## 348	0.00	0	0	1	0
## 350	0.11	0	0	0	0
## 351	0.79	0	0	0	0
## 352	0.05	0	0	0	0
## 353	0.00	0	0	0	0
## 354	0.03	0	0	0	0
## 357	0.02	0	0	0	0
## 358	0.21	0	0	0	0
## 359	0.02	0	0	0	0
## 360	0.01	0	0	0	0
## 361	0.04	0	0	0	0
## 362	0.01	0	0	0	0
## 363	0.00	0	0	0	0
## 364	0.02	0	0	0	0
## 367	0.01	0	0	0	0
## 368	0.02	0	0	0	0
## 370	0.03	0	0	0	0
## 372	0.14	0	0	0	0
## 374	0.01	0	0	0	0
## 375	0.09	0	0	0	0
## 376	0.02	0	0	0	0
## 377	0.07	0	0	0	0
## 378	0.01	0	0	0	0
## 379	0.00	0	0	1	0
## 380	0.01	0	0	0	0
## 381	0.03	0	0	1	0
## 382	0.19	0	0	1	0
## 383	0.01	0	0	1	0
## 384	0.14	0	0	0	0
## 385	0.04	0	0	0	0
## 386	0.00	0	0	0	0
## 387	0.01	0	0	0	0

## 388	0.01	0	0	0	0
## 391	0.08	0	0	0	0
## 392	0.17	0	0	0	0
## 393	0.02	0	0	0	0
## 394	0.03	0	0	1	0
## 395	0.00	0	0	0	0
## 397	0.02	0	0	0	0
## 398	0.04	0	0	1	0
## 399	0.01	0	0	0	0
## 400	0.02	0	0	0	0
## 401	0.02	0	0	0	0
## 402	-1.00	0	0	1	0
## 403	0.01	0	0	0	0
## 404	0.02	0	0	0	0
## 405	0.05	0	0	1	0
## 406	0.00	0	0	0	0
## 407	0.02	0	0	0	0
## 408	0.01	0	0	0	0
## 409	0.08	0	0	0	0
## 410	0.01	0	0	0	0
## 411	0.23	0	1	1	0
## 414	0.00	0	0	0	0
## 416	0.00	0	0	0	0
## 417	0.00	0	0	0	0
## 418	0.00	0	0	0	0
## 419	0.02	0	0	0	0
## 420	0.01	0	0	0	0
## 421	0.09	0	0	0	0
## 423	0.10	0	0	0	0
## 424	0.01	0	0	0	0
## 426	0.01	0	0	1	0
## 427	0.00	0	0	0	0
## 428	0.02	0	0	0	0
## 429	0.06	0	0	0	0
## 430	0.04	0	0	1	0
## 431	0.02	0	0	0	0
## 432	0.01	0	0	1	0
## 433	0.13	0	0	0	0
## 435	0.02	0	0	1	0
## 436	0.02	0	0	0	0
## 437	0.23	0	0	0	0
## 439	0.01	0	0	0	0
## 440	0.00	0	0	0	0
## 443	0.05	0	0	0	0
## 444	0.00	0	0	1	0
## 446	-1.00	0	0	0	0
## 448	0.02	0	0	0	0
## 449	0.02	0	0	0	0
## 450	0.01	0	0	0	0
## 451	0.01	0	0	0	0
## 452	-1.00	0	0	0	0
## 455	0.00	0	0	0	0
## 456	0.02	0	0	0	0
## 457	0.04	0	0	1	0



## 458	0.07	0	0	0	0
## 459	0.01	0	0	0	0
## 460	0.20	0	0	0	0
## 461	0.09	0	0	0	0
## 463	0.02	0	0	0	0
## 464	0.05	0	0	1	0
## 465	0.03	0	0	1	0
## 466	0.05	0	0	0	0
## 467	0.00	0	0	0	0
## 468	0.01	0	0	0	0
## 469	0.01	0	0	0	0
## 470	0.00	0	0	0	0
## 471	0.14	0	0	0	0
## 472	0.00	0	0	0	0
## 473	0.21	0	0	0	0
## 475	0.01	0	0	0	0
## 477	0.02	0	0	1	0
## 478	0.05	0	0	0	0
## 479	0.48	0	0	0	0
## 480	0.02	0	0	0	0
## 481	0.01	0	0	0	0
## 482	0.13	0	0	0	0
## 483	0.02	0	0	1	0
## 484	0.01	0	0	0	0
## 485	0.02	0	0	0	0
## 486	0.02	0	0	0	0
## 487	0.02	0	0	1	0
## 488	0.03	0	0	0	0
## 489	0.01	0	0	1	0
## 490	0.02	0	0	0	0
## 491	0.32	0	0	0	0
## 492	0.02	0	0	0	0
## 494	0.54	0	0	0	0
## 495	0.69	0	0	0	0
## 496	0.03	0	0	1	0
## 497	0.02	0	0	0	0
## 498	-1.00	0	0	0	0
## 499	0.03	0	0	0	0
## 500	0.02	0	0	0	0
## 501	0.10	0	0	0	0
## 504	0.01	0	0	0	0
## 505	0.36	0	0	0	0
## 507	0.02	0	0	1	0
## 509	0.75	0	0	0	0
## 510	0.20	0	0	0	0
## 511	0.01	0	0	0	0
## 514	0.00	0	0	0	0
## 515	0.02	0	0	1	0
## 516	0.25	0	0	0	0
## 517	0.15	0	0	1	0
## 518	0.04	0	0	1	0
## 519	0.01	0	0	1	0
## 520	0.01	0	0	0	0
## 522	0.02	0	0	1	0

## 523	-1.00	0	0	0	0
## 525	0.00	0	0	1	0
## 527	0.12	0	0	0	0
## 528	0.02	0	0	0	0
## 529	0.16	0	0	1	0
## 530	0.00	0	0	0	0
## 531	0.01	0	0	1	0
## 532	0.00	0	0	0	0
## 533	0.03	0	0	0	0
## 534	0.02	0	0	1	0
## 535	0.61	0	0	0	0
## 537	0.00	0	0	0	0
## 538	0.18	0	0	0	0
## 539	0.00	0	0	0	0
## 540	0.05	0	0	0	0
## 541	0.04	0	0	0	0
## 542	0.03	0	0	0	0
## 544	0.00	0	0	0	0
## 545	0.02	0	0	0	0
## 546	0.05	0	0	1	0
## 551	0.01	0	0	1	0
## 552	0.01	0	0	0	0
## 553	0.01	0	0	0	0
## 554	0.20	0	0	0	0
## 557	0.06	0	0	0	0
## 558	0.02	0	0	0	0
## 559	0.02	0	0	0	0
## 561	0.07	0	0	0	0
## 563	0.09	0	0	0	0
## 565	0.01	0	0	0	0
## 567	0.01	0	0	0	0
## 568	0.02	0	0	0	0
## 569	0.05	0	0	0	0
## 570	0.02	0	0	0	0
## 571	0.04	0	0	0	0
## 573	0.01	0	0	0	0
## 574	0.03	0	0	0	0
## 575	0.01	0	0	0	0
## 576	0.01	0	0	1	0
## 577	0.01	0	0	1	0
## 578	0.09	0	0	0	0
## 579	0.01	0	0	0	0
## 582	0.00	0	0	1	0
## 583	0.01	0	0	1	0
## 584	0.04	0	0	1	0
## 585	0.04	0	0	0	0
## 586	0.05	0	0	1	0
## 587	0.02	0	0	1	0
## 590	0.52	0	0	0	0
## 593	0.02	0	0	0	0
## 594	0.07	0	0	0	0
## 595	0.02	0	0	0	0
## 596	0.01	0	0	1	0
## 597	0.22	0	0	1	0

## 598	0.00	0	0	0	0
## 599	0.01	0	0	0	0
## 600	0.01	0	0	0	0
## 601	0.05	0	0	1	0
## 602	0.02	0	0	0	0
## 603	0.00	0	0	0	0
## 604	0.02	0	0	1	0
## 605	0.18	0	0	0	0
## 606	0.00	0	0	0	0
## 608	0.01	0	0	0	0
## 609	-1.00	0	0	0	0
## 610	0.19	0	0	0	0
## 611	0.03	0	0	0	0
## 613	0.01	0	0	1	0
## 614	0.03	0	0	0	0
## 616	0.04	0	0	0	0
## 617	0.00	0	0	0	0
## 618	0.02	0	0	0	0
## 619	0.00	0	0	0	0
## 620	0.01	0	0	0	0
## 622	0.01	0	0	1	0
## 623	0.01	0	0	0	0
## 625	0.02	0	0	0	0
## 627	0.02	0	0	0	0
## 629	0.04	0	0	0	0
## 630	0.04	0	0	0	0
## 632	0.35	0	0	0	0
## 633	0.01	0	0	0	0
## 634	0.02	0	0	0	0
## 637	0.02	0	0	1	0
## 639	0.02	0	0	0	0
## 640	0.53	0	0	0	0
## 641	-1.00	0	0	0	0
## 642	0.22	0	0	0	0
## 643	0.04	0	0	0	0
## 645	0.00	0	0	0	0
## 646	0.00	0	0	0	0
## 647	0.01	0	0	1	0
## 649	0.01	0	0	0	0
## 651	0.09	0	0	0	0
## 652	0.02	0	0	1	0
## 654	0.01	0	0	0	0
## 655	0.00	0	0	0	0
## 656	0.06	0	0	0	0
## 658	0.02	0	0	0	0
## 659	0.02	0	0	0	0
## 661	0.02	0	0	1	0
## 664	0.00	0	0	0	0
## 665	0.01	0	0	1	0
## 666	0.00	0	0	0	0
## 667	0.02	0	0	0	0
## 668	0.00	0	0	1	0
## 669	0.02	0	0	0	0
## 670	0.01	0	0	0	0

## 671	0.02	0	0	1	0
## 673	0.02	0	0	0	0
## 674	0.04	0	0	0	0
## 677	0.02	0	0	0	0
## 679	0.00	0	0	0	0
## 681	-1.00	0	0	0	0
## 682	0.05	0	0	0	0
## 683	-1.00	0	0	0	0
## 684	0.01	0	0	1	0
## 686	0.21	0	0	0	0
## 688	0.00	0	0	0	0
## 689	0.00	0	0	0	0
## 690	0.03	0	0	0	0
## 692	0.02	0	0	0	0
## 693	0.02	0	0	0	0
## 694	0.01	0	0	0	0
## 695	0.02	0	0	0	0
## 696	0.02	0	0	1	0
## 697	0.24	0	0	0	0
## 698	0.02	0	0	0	0
## 699	0.02	0	0	0	0
## 700	0.01	0	0	0	0
## 701	0.11	0	0	1	0
## 702	0.08	0	0	0	0
## 703	0.02	0	0	1	0
## 704	0.04	0	0	0	0
## 705	0.03	0	0	0	0
## 706	0.12	0	0	0	0
## 707	0.00	0	0	0	0
## 708	0.00	0	0	0	0
## 709	0.01	0	0	0	0
## 710	-1.00	0	0	1	0
## 711	0.01	0	0	1	0
## 714	-1.00	0	0	1	0
## 715	0.01	0	0	0	0
## 716	0.01	0	0	0	0
## 717	0.01	0	0	0	0
## 718	0.10	0	0	0	0
## 720	0.02	0	0	0	0
## 722	0.18	0	0	0	0
## 724	0.02	0	0	0	0
## 725	0.01	0	0	0	0
## 727	0.05	0	0	1	0
## 728	0.01	0	0	0	0
## 729	0.00	0	0	0	0
## 732	0.01	0	0	0	0
## 733	0.01	0	0	0	0
## 734	0.04	0	0	0	0
## 735	0.01	0	0	0	0
## 736	0.07	0	0	0	0
## 737	0.00	0	0	0	0
## 741	0.01	0	0	0	0
## 742	0.06	0	1	0	1
## 743	0.03	0	0	0	0

## 744	0.01	0	0	0	0
## 745	0.02	0	0	1	0
## 746	0.00	0	0	0	0
## 747	0.02	0	0	0	0
## 748	0.00	0	0	0	0
## 749	0.01	0	0	1	0
## 750	0.01	0	0	0	0
## 751	0.01	0	0	0	0
## 752	0.00	0	0	0	0
## 753	0.02	0	0	0	0
## 755	0.02	0	0	0	0
## 757	0.09	0	0	0	1
## 759	0.17	0	0	0	0
## 760	0.06	0	0	1	0
## 761	-1.00	0	0	0	0
## 762	0.04	0	0	0	0
## 763	0.04	0	0	1	0
## 764	0.04	0	0	0	0
## 765	0.00	0	0	0	0
## 766	0.00	0	0	0	0
## 768	0.16	0	0	1	0
## 769	0.04	0	0	0	0
## 770	0.01	0	0	0	0
## 774	0.10	0	0	0	0
## 775	0.04	0	0	0	0
## 776	0.00	0	0	0	0
## 777	0.02	0	0	1	0
## 778	0.02	0	0	0	0
## 779	0.48	0	0	0	0
## 780	0.06	0	0	1	0
## 782	0.00	0	0	0	0
## 783	0.01	0	0	0	0
## 784	0.03	0	0	0	0
## 785	0.04	0	0	0	0
## 786	0.01	0	0	1	0
## 788	0.05	0	0	1	0
## 789	0.02	0	0	1	0
## 790	0.02	0	0	0	0
## 791	0.02	0	0	0	0
## 792	0.00	0	0	1	0
## 793	0.03	0	0	0	0
## 794	0.02	0	0	0	0
## 795	0.01	0	0	0	0
## 796	0.02	0	0	1	0
## 797	0.01	0	0	0	0
## 799	0.01	0	0	0	0
## 801	0.07	0	0	0	0
## 803	0.02	0	0	1	0
## 804	0.02	0	0	0	0
## 805	0.03	0	0	1	0
## 806	0.05	0	0	0	0
## 807	0.02	0	0	1	0
## 808	0.22	0	0	1	0
## 809	0.00	0	0	0	0

## 810	0.03	0	0	0	0
## 811	0.02	0	0	0	0
## 812	0.02	0	0	0	0
## 814	0.01	0	0	1	0
## 815	0.05	0	0	0	0
## 816	0.02	0	0	1	0
## 817	0.11	0	0	0	0
## 819	0.00	0	0	0	0
## 820	0.05	0	0	0	0
## 821	0.02	0	0	0	0
## 822	0.17	0	0	0	0
## 823	0.02	0	0	0	0
## 824	0.02	0	0	0	0
## 825	0.02	0	0	0	0
## 826	0.05	0	0	0	0
## 827	0.00	0	0	1	0
## 828	0.02	0	0	0	0
## 829	0.05	0	0	0	0
## 830	0.00	0	0	0	0
## 831	0.17	0	0	1	0
## 835	0.02	0	0	0	0
## 836	0.33	0	0	1	0
## 837	0.04	0	0	0	0
## 838	0.01	0	0	0	0
## 839	0.00	0	0	0	0
## 840	0.01	0	0	1	0
## 841	0.00	0	0	0	0
## 842	0.00	0	0	0	0
## 843	0.02	0	1	1	0
## 844	0.00	0	0	0	0
## 845	0.01	0	0	0	0
## 847	0.01	0	0	0	0
## 849	0.36	0	0	0	0
## 850	0.00	0	0	1	0
## 851	0.14	0	0	0	0
## 854	0.00	0	0	0	0
## 855	0.04	0	0	0	0
## 856	0.02	0	0	1	0
## 857	0.08	0	0	1	0
## 858	0.02	0	0	1	0
## 859	0.17	0	0	1	0
## 861	0.02	0	0	0	0
## 862	0.25	0	0	0	0
## 863	0.01	0	0	0	0
## 864	0.01	0	0	0	0
## 865	0.17	0	0	0	0
## 867	0.02	0	0	0	0
## 869	0.02	0	0	0	0
## 870	0.01	0	0	0	0
## 874	0.01	0	0	0	0
## 875	0.03	0	0	0	0
## 876	0.01	0	0	0	0
## 877	0.03	0	0	0	0
## 878	0.01	0	0	0	0

## 879	0.11	0	0	1	0
## 880	0.00	0	0	0	0
## 881	0.02	0	0	0	0
## 882	-1.00	0	0	0	0
## 883	0.00	0	0	1	0
## 884	0.00	0	0	0	0
## 885	0.25	0	0	1	1
## 887	0.01	0	0	0	0
## 888	0.12	0	0	1	0
## 889	0.02	0	0	0	0
## 890	0.07	0	0	1	0
## 892	0.02	0	0	0	0
## 893	0.00	0	0	0	0
## 894	0.02	0	0	0	0
## 895	0.04	0	0	1	0
## 896	0.47	0	0	1	0
## 897	0.02	0	0	1	0
## 898	0.26	0	0	1	0
## 901	0.01	0	0	0	0
## 902	0.06	0	0	0	0
## 904	0.02	0	0	0	0
## 906	0.24	0	0	0	0
## 907	0.01	0	0	0	0
## 908	0.00	0	0	0	0
## 909	0.01	0	0	0	0
## 910	0.09	0	0	0	0
## 911	0.00	0	0	1	0
## 912	0.02	0	0	0	0
## 913	0.02	0	0	0	0
## 914	0.09	0	0	1	0
## 915	0.01	0	0	0	0
## 916	0.01	0	0	1	0
## 917	0.00	0	0	1	0
## 920	0.00	0	0	0	0
## 921	0.02	0	0	0	0
## 922	0.02	0	0	0	0
## 923	0.01	0	0	0	1
## 924	0.02	0	0	0	0
## 925	0.01	0	0	0	0
## 926	0.00	0	0	0	0
## 927	0.12	0	0	1	0
## 928	0.01	0	0	0	0
## 929	0.01	0	0	0	0
## 930	0.01	0	1	0	0
## 931	0.00	0	0	1	0
## 933	0.04	0	0	0	0
## 934	0.03	0	0	0	0
## 935	0.06	0	0	1	0
## 936	0.02	0	0	1	0
## 937	0.00	0	0	1	0
## 938	0.01	0	0	1	0
## 939	0.04	0	0	1	0
## 940	0.03	0	0	1	0
## 942	0.03	0	0	1	0

## 944	0.03	0	0	0	0
## 945	0.07	0	0	0	0
## 946	0.02	0	0	0	0
## 947	0.00	0	0	0	0
## 948	0.00	0	0	1	0
## 949	0.23	0	0	0	0
## 950	0.05	0	0	0	0
## 951	0.00	0	0	0	0
## 953	0.00	0	0	0	0
## 956	0.16	0	0	0	0
## 958	0.04	0	0	0	0
## 959	0.01	0	0	1	0
## 960	0.04	0	0	1	0
## 961	0.02	0	0	1	0
## 962	0.05	0	1	0	1
## 964	0.01	0	0	0	0
## 965	0.04	0	0	0	0
## 966	0.02	0	0	0	0
## 967	0.00	0	0	1	0
## 968	0.01	0	0	0	0
## 969	0.01	0	0	0	0
## 970	0.06	0	0	0	0
## 972	0.01	0	0	0	0
## 973	0.00	0	0	0	0
## 974	0.02	0	0	0	0
## 975	0.01	0	0	0	0
## 976	0.04	0	0	1	0
## 977	0.01	0	0	1	0
## 978	0.02	0	0	0	0
## 980	0.02	0	0	0	0
## 981	0.03	0	0	0	0
## 983	0.20	0	0	0	0
## 984	0.47	0	0	0	0
## 986	0.02	0	0	0	0
## 987	0.03	0	0	0	0
## 989	0.02	0	0	0	0
## 990	0.03	0	0	0	0
## 991	0.01	0	0	0	0
## 992	0.01	0	0	1	0
## 994	0.02	0	0	0	0
## 995	0.02	0	0	1	0
## 996	0.00	0	0	0	0
## 997	0.00	0	0	0	0
## 998	0.04	0	0	0	0
## 1000	0.02	0	0	0	0
## 1002	0.00	0	0	0	0
## 1003	0.01	0	0	0	0
## 1004	0.21	0	0	0	0
## 1005	0.04	0	0	0	0
## 1006	0.04	0	0	0	0
## 1007	0.02	0	0	0	0
## 1008	0.18	0	0	0	0
## 1011	0.01	0	0	0	0
## 1013	0.02	0	0	0	0



## 1014	0.08	0	0	0	0
## 1015	0.01	0	0	0	0
## 1016	0.00	0	0	0	0
## 1017	0.01	0	0	0	0
## 1018	0.03	0	0	0	0
## 1019	0.02	0	0	0	0
## 1021	0.00	0	0	0	0
## 1022	0.17	0	0	1	0
## 1023	0.01	0	0	0	0
## 1025	0.02	0	0	0	0
## 1026	0.01	0	0	0	0
## 1028	0.01	0	0	0	0
## 1029	0.01	0	0	0	0
## 1030	0.02	0	0	1	0
## 1031	0.07	0	0	0	0
## 1032	0.00	0	0	0	0
## 1033	0.04	0	0	1	0
## 1035	0.02	0	0	0	0
## 1036	0.01	0	0	0	0
## 1037	-1.00	0	0	0	0
## 1038	0.02	0	0	0	0
## 1040	0.31	0	0	0	0
## 1042	0.01	0	0	0	0
## 1043	0.00	0	0	0	0
## 1044	0.01	0	0	0	0
## 1046	0.01	0	0	0	0
## 1047	0.01	0	0	0	0
## 1048	0.03	0	0	0	0
## 1049	0.00	0	0	0	0
## 1050	0.01	0	0	0	0
## 1051	0.01	0	0	0	0
## 1053	0.16	0	0	0	0
## 1054	0.08	0	0	0	0
## 1055	0.02	0	0	0	0
## 1056	0.02	0	0	0	0
## 1057	0.01	0	0	0	0
## 1059	0.04	0	0	0	0
## 1060	0.05	0	0	0	0
## 1061	0.02	0	0	1	0
## 1062	0.09	0	0	1	0
## 1063	0.02	0	0	0	0
## 1064	0.01	0	0	1	0
## 1065	0.01	0	0	1	0
## 1068	0.06	0	0	0	0
## 1069	0.01	0	0	0	0
## 1070	-1.00	0	0	0	0
## 1071	0.02	0	0	0	0
## 1072	0.01	0	0	0	0
## 1073	0.55	0	0	0	0
## 1074	0.02	0	0	1	0
## 1075	0.00	0	0	0	0
## 1076	0.01	0	0	0	0
## 1077	0.00	0	0	1	0
## 1078	0.01	0	0	0	0

## 1079	0.01	0	0	0	0
## 1080	0.02	0	0	0	0
## 1081	0.02	0	0	0	0
## 1084	0.00	0	0	1	0
## 1085	0.00	0	0	1	0
## 1086	0.13	0	0	0	0
## 1087	0.02	0	0	0	0
## 1088	0.08	0	0	0	0
## 1089	0.04	0	0	1	0
## 1090	0.01	0	1	0	1
## 1091	0.01	0	0	0	0
## 1092	0.11	0	0	0	0
## 1093	0.02	0	0	1	0
## 1094	0.01	0	0	0	0
## 1095	0.01	0	0	0	0
## 1096	0.02	0	0	0	0
## 1097	0.51	0	0	0	0
## 1099	0.01	0	0	1	0
## 1100	0.00	0	0	0	0
## 1101	0.06	0	0	0	0
## 1102	0.01	0	0	0	0
## 1103	0.02	0	0	0	0
## 1104	0.01	0	0	0	0
## 1105	0.12	0	0	0	0
## 1106	0.02	0	0	0	1
## 1107	0.01	0	0	0	0
## 1108	0.03	0	0	0	0
## 1109	0.01	0	0	0	0
## 1110	0.54	0	0	0	0
## 1111	0.04	0	0	0	0
## 1112	0.01	0	0	1	0
## 1113	0.07	0	0	0	0
## 1115	0.08	0	0	1	0
## 1118	0.02	0	0	0	0
## 1119	0.01	0	0	0	0
## 1120	0.16	0	0	0	0
## 1121	0.00	0	0	0	0
## 1122	0.00	0	0	0	0
## 1123	0.07	0	0	0	0
## 1125	0.00	0	0	0	0
## 1126	0.02	0	0	0	0
## 1127	0.42	0	0	0	0
## 1128	0.00	0	0	0	0
## 1129	0.03	0	0	1	0
## 1130	0.02	0	0	0	0
## 1132	0.05	0	0	0	0
## 1133	0.04	0	0	0	0
## 1134	0.03	0	0	0	0
## 1135	0.02	0	0	0	0
## 1136	0.03	0	0	0	0
## 1138	0.04	0	0	0	0
## 1139	0.00	0	0	0	0
## 1141	0.20	0	0	0	0
## 1142	0.01	0	0	0	0

## 1143	0.02	0	0	0	0
## 1145	0.00	0	0	0	0
## 1146	0.25	0	0	0	0
## 1147	0.03	0	0	0	0
## 1148	0.01	0	0	0	0
## 1149	0.01	0	0	0	0
## 1150	0.01	0	0	0	0
## 1151	0.01	0	0	0	0
## 1152	0.00	0	0	1	0
## 1153	0.01	0	0	0	0
## 1154	0.01	0	0	0	0
## 1155	0.02	0	0	0	0
## 1156	0.01	0	0	0	0
## 1157	0.07	0	0	0	0
## 1158	0.07	0	0	1	0
## 1159	0.08	0	0	1	0
## 1160	0.00	0	0	0	0
## 1161	0.01	0	0	0	0
## 1163	0.01	0	0	1	0
## 1164	0.08	0	0	0	0
## 1165	0.01	0	0	0	0
## 1167	0.00	0	0	1	0
## 1168	0.05	0	0	0	0
## 1169	0.02	0	0	0	0
## 1170	0.01	0	0	0	0
## 1171	0.02	0	0	0	0
## 1172	0.02	0	0	0	0
## 1173	0.13	0	1	0	0
## 1174	0.01	0	0	0	0
## 1177	0.12	0	0	0	0
## 1178	0.10	0	0	0	0
## 1179	0.00	0	0	1	0
## 1180	0.16	0	0	0	0
## 1181	0.07	0	0	0	0
## 1182	0.06	0	0	1	0
## 1183	0.02	0	0	1	0
## 1185	0.09	0	0	0	0
## 1186	0.07	0	0	1	0
## 1188	0.01	0	0	1	0
## 1189	0.01	0	0	0	0
## 1190	0.09	0	0	0	0
## 1191	0.01	0	0	0	0
## 1192	0.01	0	0	0	0
## 1193	0.01	0	0	0	0
## 1194	0.00	0	0	0	0
## 1195	0.01	0	0	0	0
## 1196	0.01	0	0	0	0
## 1197	0.01	0	0	1	0
## 1198	0.11	0	0	0	0
## 1199	0.05	0	0	0	0
## 1200	0.02	0	0	0	0
## 1201	0.41	0	0	0	0
## 1202	0.00	0	0	1	0
## 1203	0.35	0	0	0	0

## 1204	0.00	0	0	0	0
## 1205	0.03	0	0	1	0
## 1207	0.02	0	0	0	0
## 1209	0.01	0	0	0	0
## 1210	0.02	0	0	0	0
## 1211	0.07	0	0	0	0
## 1212	0.01	0	0	1	0
## 1214	0.02	0	0	0	0
## 1217	0.26	0	0	0	0
## 1218	0.01	0	0	0	0
## 1220	0.01	0	0	0	0
## 1221	0.01	0	0	0	0
## 1223	0.02	0	0	0	0
## 1224	0.01	0	0	0	0
## 1225	0.02	0	0	0	0
## 1226	0.01	0	0	0	0
## 1227	0.03	0	0	0	0
## 1228	0.12	0	0	0	0
## 1229	0.02	0	0	1	0
## 1231	0.08	0	0	1	0
## 1232	0.02	0	0	0	0
## 1235	0.03	0	0	0	0
## 1237	0.01	0	0	0	0
## 1238	0.02	0	0	1	0
## 1239	0.01	0	0	1	0
## 1240	0.01	0	0	0	0
## 1242	0.01	0	0	0	0
## 1243	0.02	0	0	0	0
## 1244	0.02	0	0	0	0
## 1245	0.00	0	0	1	0
## 1246	0.02	0	0	1	0
## 1247	0.04	0	0	0	0
## 1248	0.08	0	0	0	0
## 1249	0.07	0	0	1	0
## 1250	0.01	0	0	0	0
## 1252	0.01	0	0	0	0
## 1253	0.01	0	0	0	0
## 1255	0.01	0	0	0	0
## 1256	0.02	0	0	1	0
## 1258	0.00	0	0	0	0
## 1259	0.08	0	0	0	0
## 1262	0.03	0	0	0	0
## 1265	0.02	0	0	1	0
## 1266	0.00	0	0	0	0
## 1267	0.00	0	0	1	0
## 1268	0.01	0	0	1	0
## 1269	0.03	0	0	1	0
## 1270	0.01	0	0	1	0
## 1271	0.07	0	0	0	0
## 1272	0.03	0	0	0	0
## 1273	0.02	0	0	1	0
## 1274	0.01	0	0	1	0
## 1275	0.01	0	0	0	0
## 1276	0.02	0	0	0	0

## 1277	0.03	0	0	1	0
## 1278	0.01	0	0	0	0
## 1281	0.02	0	0	1	0
## 1282	0.01	0	0	0	0
## 1283	0.01	0	0	0	0
## 1284	0.03	0	0	0	0
## 1285	0.03	0	0	1	0
## 1286	0.05	0	0	0	0
## 1287	0.02	0	0	0	0
## 1288	0.15	0	0	0	0
## 1289	0.00	0	0	0	0
## 1290	0.01	0	0	0	0
## 1291	0.02	0	0	1	0
## 1292	-1.00	0	0	0	0
## 1293	0.01	0	0	0	0
## 1295	-1.00	0	0	0	0
## 1297	0.02	0	0	0	0
## 1298	0.02	0	0	0	0
## 1299	0.01	0	0	0	0
## 1300	0.02	0	0	0	0
## 1301	0.53	0	0	0	0
## 1303	0.01	0	0	0	0
## 1304	0.01	0	0	1	0
## 1305	0.66	0	0	0	0
## 1307	0.01	0	0	1	0
## 1308	0.02	0	0	1	0
## 1309	-1.00	0	0	0	0
## 1310	0.00	0	0	0	0
## 1311	0.08	0	0	0	0
## 1312	0.01	0	0	0	0
## 1314	0.01	0	0	1	0
## 1315	0.01	0	0	0	0
## 1316	0.19	0	0	1	0
## 1317	0.00	0	0	0	0
## 1319	0.03	0	0	1	0
## 1320	0.00	0	0	0	0
## 1321	0.00	0	0	1	0
## 1322	0.03	0	0	0	0
## 1323	0.01	0	0	0	0
## 1324	0.01	0	0	0	0
## 1325	0.01	0	0	1	0
## 1326	0.02	0	0	1	0
## 1327	0.04	0	0	1	0
## 1328	0.00	0	0	0	0
## 1329	-1.00	0	0	1	0
## 1330	0.00	0	0	0	0
## 1331	0.06	0	0	0	0
## 1332	0.01	0	0	1	0
## 1333	0.01	0	0	0	0
## 1334	0.00	0	0	0	0
## 1335	-1.00	0	0	1	0
## 1336	0.11	0	0	0	0
## 1338	0.17	0	0	1	0
## 1339	0.01	0	0	0	0

## 1340	0.07	0	0	0	0
## 1342	0.00	0	0	0	0
## 1343	0.04	0	0	0	0
## 1344	0.01	0	0	0	0
## 1345	0.00	0	0	0	0
## 1347	0.04	0	0	0	0
## 1348	0.02	0	0	0	0
## 1349	0.01	0	0	0	0
## 1350	0.08	0	0	0	0
## 1351	0.02	0	0	0	0
## 1353	0.02	0	0	1	0
## 1354	0.10	0	0	0	0
## 1355	0.01	0	0	1	0
## 1356	0.01	0	0	1	0
## 1357	0.00	0	0	0	0
## 1358	0.02	0	0	0	0
## 1359	0.02	0	0	0	0
## 1360	0.01	0	0	0	0
## 1361	0.02	0	0	1	1
## 1362	0.03	0	0	0	0
## 1363	0.01	0	0	0	0
## 1364	0.01	0	0	1	0
## 1366	0.01	0	0	0	0
## 1367	0.00	0	0	0	0
## 1368	0.02	0	0	0	0
## 1369	0.00	0	0	0	0
## 1370	0.03	0	0	0	0
## 1371	0.02	0	0	0	0
## 1373	0.00	0	0	0	0
## 1375	0.12	0	0	1	0
## 1377	0.00	0	0	0	0
## 1378	0.00	0	0	1	0
## 1379	0.00	0	0	0	0
## 1380	0.05	0	0	0	0
## 1381	-1.00	0	0	0	0
## 1383	0.02	0	0	0	0
## 1385	0.02	0	0	0	0
## 1386	0.03	0	0	0	0
## 1388	0.02	0	0	0	0
## 1389	0.01	0	0	1	0
## 1390	0.06	0	0	0	0
## 1391	0.01	0	1	1	0
## 1392	0.02	0	0	0	0
## 1394	0.02	0	0	0	0
## 1395	0.01	0	0	0	0
## 1396	0.01	0	0	1	0
## 1397	0.03	0	0	0	0
## 1398	0.03	0	0	0	0
## 1400	0.03	0	0	0	0
## 1401	0.02	0	0	0	0
## 1402	0.01	0	0	0	0
## 1405	0.01	0	0	0	0
## 1407	0.02	0	0	0	0
## 1408	0.01	0	0	0	0

## 1409	0.04	0	0	0	0
## 1410	0.02	0	0	0	0
## 1411	0.04	0	0	0	0
## 1412	0.00	0	0	0	0
## 1413	0.05	0	0	1	0
## 1414	0.03	0	0	0	0
## 1415	0.00	0	0	0	0
## 1417	0.06	0	0	0	0
## 1418	0.01	0	0	0	0
## 1419	0.01	0	0	1	0
## 1420	0.01	0	0	0	0
## 1422	0.02	0	0	0	0
## 1424	0.01	0	0	0	0
## 1425	0.02	0	0	0	0
## 1426	0.08	0	0	0	0
## 1427	0.04	0	0	0	0
## 1428	0.01	0	0	0	0
## 1429	0.01	0	0	0	0
## 1430	0.49	0	0	0	0
## 1431	0.09	0	0	0	0
## 1433	0.07	0	0	0	0
## 1434	0.05	0	0	1	0
## 1435	0.02	0	0	0	0
## 1436	0.03	0	0	1	0
## 1437	0.00	0	0	0	0
## 1440	0.02	0	0	0	0
## 1441	0.00	0	0	1	0
## 1442	0.00	0	0	1	0
## 1443	0.07	0	0	0	0
## 1446	0.00	0	0	0	0
## 1447	-1.00	0	0	0	0
## 1448	0.08	0	0	0	0
## 1449	0.04	0	0	0	0
## 1450	0.05	0	0	0	0
## 1451	0.02	0	0	0	0
## 1452	0.02	0	0	0	0
## 1453	0.03	0	0	0	0
## 1454	0.01	0	0	1	0
## 1455	0.02	0	0	0	0
## 1456	0.01	0	0	0	0
## 1457	0.03	0	0	0	0
## 1458	0.01	0	0	0	0
## 1459	0.01	0	0	1	0
## 1460	0.00	0	0	1	0
## 1466	0.01	0	0	0	0
## 1467	0.01	0	0	0	0
## 1468	0.02	0	0	0	0
## 1469	0.06	0	0	0	0
## 1470	0.01	0	0	0	0
## 1471	0.02	0	0	0	0
## 1472	0.07	0	0	0	0
## 1475	0.00	0	0	0	0
## 1476	0.02	0	0	0	0
## 1477	0.15	0	0	0	0

## 1478	0.01	0	0	0	0
## 1479	0.00	0	0	1	0
## 1480	0.00	0	0	0	0
## 1481	0.01	0	0	0	0
## 1483	0.01	0	0	0	0
## 1484	0.07	0	1	0	0
## 1486	0.01	0	0	0	0
## 1487	0.03	0	0	1	0
## 1488	0.01	0	0	1	0
## 1489	0.01	0	0	0	0
## 1491	0.31	0	0	0	0
## 1492	0.02	0	0	0	0
## 1494	0.04	0	0	0	0
## 1495	0.05	0	0	1	0
## 1496	0.04	0	0	0	0
## 1497	0.04	0	0	0	0
## 1498	0.01	0	0	0	0
## 1501	0.00	0	0	0	0
## 1502	0.01	0	0	0	0
## 1503	0.08	0	0	1	0
## 1506	0.02	0	0	0	0
## 1507	0.02	0	0	0	0
## 1509	0.53	0	0	0	0
## 1510	0.03	0	0	0	0
## 1511	0.01	0	0	0	0
## 1512	0.01	0	0	0	0
## 1513	0.10	0	0	0	0
## 1514	0.01	0	0	1	0
## 1515	0.07	0	0	0	0
## 1516	0.04	0	0	1	0
## 1517	0.02	0	0	0	0
## 1518	0.00	0	0	0	0
## 1519	0.02	0	0	0	0
## 1520	0.02	0	0	0	0
## 1521	0.05	0	0	0	0
## 1522	0.02	0	0	0	0
## 1523	0.03	0	0	0	0
## 1524	0.01	0	0	0	0
## 1525	0.06	0	0	0	0
## 1528	0.08	0	0	0	0
## 1529	0.01	0	0	1	0
## 1530	0.57	0	0	0	0
## 1532	0.00	0	0	0	0
## 1533	0.02	0	0	0	0
## 1534	0.00	0	0	0	0
## 1535	0.02	0	0	0	0
## 1536	0.02	0	0	0	0
## 1537	0.02	0	0	0	0
## 1538	0.01	0	0	0	0
## 1540	0.01	0	0	0	0
## 1542	0.21	0	0	0	0
## 1543	0.06	0	0	1	0
## 1544	0.03	0	0	0	0
## 1545	0.02	0	0	1	0



## 1546	0.04	0	0	0	0
## 1548	0.00	0	0	0	0
## 1549	0.00	0	0	0	0
## 1550	0.01	0	0	0	0
## 1551	0.31	0	0	0	0
## 1552	0.09	0	0	0	0
## 1553	0.16	0	0	0	0
## 1554	0.02	0	0	1	0
## 1555	0.02	0	0	0	0
## 1556	0.03	0	0	0	0
## 1557	0.04	0	0	1	0
## 1558	0.00	0	0	1	0
## 1559	0.22	0	0	0	0
## 1560	0.15	0	0	1	1
## 1562	0.14	0	0	0	0
## 1563	0.00	0	0	0	0
## 1564	0.02	0	0	0	0
## 1565	0.21	0	0	0	0
## 1566	0.08	0	0	0	0
## 1567	0.12	0	0	0	0
## 1568	0.08	0	0	0	0
## 1569	0.10	0	0	1	0
## 1570	0.03	0	0	0	0
## 1571	0.15	0	0	1	0
## 1572	0.16	0	0	1	0
## 1573	0.04	0	0	0	0
## 1574	0.02	0	0	1	0
## 1575	0.02	0	0	1	0
## 1576	0.00	0	0	1	0
## 1577	0.01	0	0	0	0
## 1578	0.03	0	0	1	0
## 1579	0.01	0	0	0	0
## 1580	0.02	0	0	0	0
## 1581	0.02	0	0	0	0
## 1583	0.00	0	0	0	0
## 1584	0.01	0	0	0	0
## 1585	0.05	0	0	1	0
## 1587	0.05	0	0	0	0
## 1588	0.09	0	0	0	0
## 1589	0.02	0	0	0	0
## 1590	0.12	0	0	0	0
## 1591	0.01	0	0	0	0
## 1592	0.02	0	0	0	0
## 1594	0.04	0	0	1	0
## 1595	0.05	0	0	0	0
## 1596	0.01	0	0	0	0
## 1597	0.66	0	0	0	0
## 1598	0.03	0	0	1	0
## 1599	0.02	0	0	0	0
## 1601	0.01	0	0	0	0
## 1602	0.06	0	0	0	0
## 1603	0.04	0	0	1	0
## 1604	0.14	0	0	0	0
## 1605	0.00	0	0	0	0

## 1606	0.02	0	0	0	0
## 1608	0.02	0	0	0	0
## 1609	0.03	0	0	0	0
## 1610	0.04	0	0	0	0
## 1611	0.03	0	0	0	0
## 1612	0.02	0	0	0	0
## 1613	0.00	0	0	0	0
## 1614	0.26	0	0	1	0
## 1615	0.04	0	0	0	0
## 1616	0.00	0	0	0	0
## 1617	0.56	0	0	0	0
## 1618	0.04	0	0	0	0
## 1619	0.00	0	0	0	0
## 1620	0.01	0	0	0	0
## 1621	0.02	0	0	1	0
## 1622	0.01	0	0	0	0
## 1623	0.11	0	0	0	0
## 1625	0.17	0	0	1	0
## 1626	0.02	0	0	0	0
## 1627	0.02	0	0	1	0
## 1628	0.01	0	0	1	0
## 1630	0.00	0	0	0	0
## 1631	0.01	0	0	1	0
## 1633	0.09	0	0	0	0
## 1634	0.04	0	0	0	0
## 1635	0.02	0	0	0	0
## 1637	0.00	0	0	0	0
## 1638	0.01	0	0	0	0
## 1639	0.00	0	0	0	0
## 1641	0.02	0	0	1	0
## 1642	0.02	0	0	0	0
## 1644	0.01	0	0	0	0
## 1645	0.00	0	0	0	0
## 1647	-1.00	0	0	0	0
## 1650	0.00	0	0	0	0
## 1652	0.01	0	0	0	0
## 1653	0.04	0	0	1	0
## 1654	0.01	0	0	0	0
## 1655	0.01	0	0	1	0
## 1656	0.12	0	0	0	0
## 1657	0.07	0	1	0	0
## 1659	0.02	0	0	0	0
## 1661	0.28	0	0	0	0
## 1662	0.07	0	0	1	0
## 1663	0.37	0	0	0	0
## 1664	0.06	0	0	1	0
## 1665	0.11	0	0	0	0
## 1666	0.00	0	0	0	0
## 1667	0.01	0	0	0	0
## 1668	0.02	0	0	0	0
## 1669	0.02	0	0	0	1
## 1670	0.23	0	0	1	0
## 1672	0.02	0	0	0	0
## 1674	0.07	0	0	0	0

## 1675	0.00	0	0	0	0
## 1676	0.01	0	0	0	0
## 1677	0.00	0	0	0	0
## 1678	0.00	0	0	0	0
## 1679	0.01	0	0	1	0
## 1680	0.04	0	0	0	0
## 1681	0.00	0	0	0	0
## 1682	0.02	0	0	0	0
## 1683	0.01	0	0	0	0
## 1684	0.06	0	0	0	0
## 1685	0.01	0	0	1	0
## 1686	-1.00	0	0	1	0
## 1687	0.02	0	0	0	0
## 1688	0.40	0	0	0	0
## 1689	0.01	0	0	0	0
## 1690	0.05	0	0	1	0
## 1691	0.02	0	0	1	0
## 1692	0.01	0	0	0	0
## 1693	0.07	0	0	1	0
## 1694	0.03	0	0	1	0
## 1695	0.02	0	0	0	0
## 1696	0.73	0	0	1	0
## 1698	0.45	0	0	0	0
## 1699	0.01	0	0	1	0
## 1700	0.00	0	0	0	0
## 1701	0.03	0	0	0	0
## 1702	0.04	0	0	0	0
## 1703	0.00	0	0	0	0
## 1704	0.04	0	0	0	0
## 1705	0.00	0	0	0	0
## 1706	0.01	0	0	0	0
## 1708	0.06	0	0	1	0
## 1709	0.12	0	0	1	0
## 1710	0.00	0	0	1	0
## 1711	0.01	0	0	0	0
## 1712	0.01	0	0	0	0
## 1713	0.01	0	0	0	0
## 1714	0.03	0	0	1	0
## 1715	0.02	0	0	0	0
## 1716	0.11	0	0	0	0
## 1717	0.00	0	0	0	0
## 1718	0.00	0	0	0	0
## 1719	0.01	0	0	0	0
## 1720	0.01	0	0	0	0
## 1721	0.02	0	0	0	0
## 1722	0.07	0	0	0	0
## 1723	0.06	0	0	0	0
## 1724	0.01	0	0	0	0
## 1725	0.02	0	0	0	0
## 1726	0.03	0	0	0	0
## 1727	0.02	0	0	0	0
## 1728	0.00	0	0	0	0
## 1729	0.02	0	0	0	0
## 1730	0.13	0	0	0	0

## 1731	0.02	0	0	0	0
## 1732	0.02	0	0	0	0
## 1733	0.04	0	0	0	0
## 1735	0.01	0	0	1	0
## 1736	0.02	0	0	0	0
## 1737	0.00	0	0	1	0
## 1738	0.01	0	0	0	0
## 1740	0.00	0	0	1	0
## 1741	0.48	0	0	0	0
## 1742	0.01	0	0	1	0
## 1743	0.02	0	0	1	0
## 1744	0.01	0	0	0	0
## 1745	0.06	0	0	0	0
## 1747	0.04	0	0	0	0
## 1748	0.01	0	0	1	0
## 1749	0.40	0	0	0	0
## 1750	0.06	0	0	0	0
## 1751	0.08	0	0	0	0
## 1752	0.58	0	0	0	0
## 1753	0.02	0	0	0	0
## 1754	0.10	0	0	0	0
## 1756	-1.00	0	0	0	0
## 1758	0.01	0	0	1	0
## 1759	0.03	0	0	0	0
## 1761	0.04	0	0	0	0
## 1762	0.02	0	0	0	0
## 1763	0.03	0	0	1	0
## 1764	0.01	0	0	1	0
## 1765	0.02	0	0	0	0
## 1766	0.05	0	0	0	0
## 1768	0.01	0	0	0	0
## 1770	0.01	0	0	1	0
## 1772	0.02	0	0	0	0
## 1773	0.14	0	0	0	0
## 1774	0.01	0	0	0	0
## 1775	0.13	0	0	0	0
## 1776	0.01	0	0	0	0
## 1778	0.02	0	0	1	0
## 1779	0.01	0	0	0	0
## 1781	0.01	0	0	0	0
## 1782	0.02	0	0	1	0
## 1784	0.02	0	0	1	0
## 1785	0.36	0	0	0	0
## 1786	0.03	0	0	1	0
## 1787	0.03	0	0	0	0
## 1788	0.08	0	0	0	0
## 1789	0.06	0	0	0	0
## 1790	0.01	0	0	0	0
## 1792	0.01	0	0	0	0
## 1793	0.01	0	0	0	0
## 1794	0.02	0	0	1	0
## 1795	0.10	0	0	1	0
## 1796	0.04	0	0	0	0
## 1798	0.01	0	0	0	0

## 1799	0.24	0	0	0	0
## 1800	0.62	0	0	0	0
## 1801	0.01	0	0	0	0
## 1802	0.02	0	0	0	0
## 1803	0.01	0	0	0	0
## 1804	0.01	0	0	1	0
## 1805	0.05	0	0	0	0
## 1806	0.12	0	0	1	0
## 1807	0.02	0	0	0	0
## 1808	0.00	0	0	0	0
## 1809	0.01	0	0	1	0
## 1812	0.02	0	0	0	0
## 1813	0.01	0	0	0	0
## 1814	0.01	0	0	0	0
## 1815	0.01	0	0	0	0
## 1816	0.02	0	0	0	0
## 1817	0.14	0	0	0	0
## 1819	0.01	0	0	0	0
## 1821	0.19	0	0	0	0
## 1822	0.00	0	0	1	0
## 1823	0.39	0	0	1	0
## 1824	0.06	0	0	0	0
## 1825	0.03	0	0	1	0
## 1827	0.01	0	0	0	0
## 1828	0.00	0	0	0	0
## 1829	-1.00	0	0	0	0
## 1830	0.02	0	0	1	0
## 1831	0.01	0	0	0	0
## 1832	0.00	0	0	0	0
## 1835	0.03	0	0	0	0
## 1836	0.25	0	0	0	0
## 1837	0.02	0	0	0	0
## 1838	0.00	0	0	0	0
## 1839	0.08	0	0	0	0
## 1840	0.03	0	0	1	0
## 1841	0.04	0	0	0	0
## 1842	0.03	0	0	0	0
## 1843	0.01	0	0	0	0
## 1844	0.14	0	0	0	0
## 1845	0.01	0	0	0	0
## 1846	0.54	0	0	1	0
## 1847	-1.00	0	0	0	0
## 1848	0.04	0	0	0	0
## 1849	0.00	0	0	0	0
## 1850	0.04	0	0	0	0
## 1851	0.27	0	0	1	0
## 1852	0.18	0	0	1	0
## 1853	0.01	0	0	0	0
## 1854	0.01	0	0	0	0
## 1855	0.01	0	0	0	0
## 1856	0.02	0	0	0	0
## 1857	-1.00	0	0	0	0
## 1858	0.17	0	0	0	0
## 1859	0.02	0	0	0	0

## 1861	0.05	0	0	0	0
## 1865	0.01	0	0	1	0
## 1866	0.06	0	0	0	0
## 1867	0.08	0	0	0	0
## 1868	0.05	0	0	0	0
## 1869	0.01	0	0	1	0
## 1870	0.00	0	0	0	0
## 1871	0.02	0	0	0	0
## 1872	0.00	0	0	1	0
## 1873	0.01	0	0	0	0
## 1874	0.01	0	0	0	0
## 1876	-1.00	0	0	0	0
## 1878	0.05	0	0	0	0
## 1879	0.02	0	0	0	0
## 1880	0.02	0	0	0	0
## 1882	0.02	0	0	0	0
## 1883	0.02	0	0	1	0
## 1884	0.07	0	0	0	0
## 1885	0.01	0	0	0	0
## 1886	0.01	0	0	0	0
## 1887	0.02	0	0	1	0
## 1888	0.02	0	0	1	0
## 1889	0.07	0	0	0	0
## 1890	0.01	0	0	1	0
## 1891	0.16	0	0	0	0
## 1892	0.01	0	0	0	0
## 1893	0.02	0	0	1	0
## 1895	0.02	0	0	0	0
## 1896	0.02	0	0	0	0
## 1897	0.01	0	0	0	0
## 1898	0.01	0	0	0	0
## 1899	0.03	0	0	0	0
## 1901	0.02	0	0	0	0
## 1902	0.01	0	0	0	0
## 1903	0.01	0	0	0	0
## 1904	0.02	0	0	0	0
## 1905	0.02	0	0	1	0
## 1906	0.01	0	0	0	0
## 1907	0.00	0	0	1	0
## 1909	0.16	0	0	0	0
## 1911	0.02	0	0	0	0
## 1912	0.06	0	0	0	0
## 1913	0.10	0	0	0	0
## 1914	0.28	0	0	0	0
## 1915	0.05	0	0	0	0
## 1916	0.03	0	0	0	0
## 1917	0.09	0	0	1	0
## 1918	0.02	0	0	0	0
## 1919	0.02	0	1	0	0
## 1920	0.04	0	0	0	0
## 1923	0.02	0	0	0	0
## 1924	0.08	0	0	0	0
## 1925	0.01	0	0	0	0
## 1926	-1.00	0	1	0	0

## 1927	0.10	0	0	0	0
## 1928	0.02	0	0	0	0
## 1931	0.03	0	0	1	0
## 1932	0.02	0	0	0	0
## 1933	0.23	0	0	1	0
## 1934	0.03	0	0	0	0
## 1935	0.00	0	0	1	0
## 1936	0.03	0	0	0	0
## 1937	0.02	0	0	0	0
## 1938	0.28	0	0	0	0
## 1939	0.12	0	0	0	0
## 1940	0.03	0	0	0	0
## 1941	0.02	0	0	0	0
## 1942	0.08	0	0	0	0
## 1943	0.02	0	0	1	0
## 1944	0.01	0	0	0	0
## 1946	0.16	0	0	0	0
## 1947	0.10	0	0	0	0
## 1948	0.01	0	0	0	0
## 1949	0.01	0	0	0	0
## 1950	0.02	0	0	0	0
## 1952	0.02	0	0	1	0
## 1953	0.01	0	0	0	0
## 1955	0.02	0	0	0	0
## 1956	-1.00	0	0	0	0
## 1957	0.02	0	0	1	0
## 1958	0.10	0	0	0	0
## 1959	0.01	0	0	1	0
## 1960	0.11	0	0	0	0
## 1962	0.06	0	0	0	0
## 1965	0.02	0	0	0	0
## 1967	0.02	0	0	0	0
## 1968	0.02	0	0	1	0
## 1969	0.01	0	0	0	0
## 1970	0.05	0	0	0	0
## 1971	0.01	0	0	0	0
## 1973	0.05	0	0	0	0
## 1975	0.00	0	0	0	0
## 1978	0.02	0	0	0	0
## 1979	0.06	0	0	0	0
## 1981	0.04	0	0	1	0
## 1982	0.20	0	0	0	0
## 1983	0.06	0	0	0	0
## 1984	0.00	0	0	1	0
## 1986	0.02	0	0	0	0
## 1988	0.01	0	0	0	0
## 1989	0.10	0	0	0	0
## 1990	0.03	0	0	0	0
## 1991	0.04	0	0	0	0
## 1992	0.01	0	0	0	0
## 1993	0.04	0	0	0	0
## 1994	0.04	0	0	1	0
## 1995	0.02	0	0	0	0
## 1996	0.01	0	0	0	0

## 1997	0.00	0	0	0	0
## 1999	0.02	0	0	0	0
## 2000	0.13	0	0	0	0
## 2001	0.02	0	0	0	0
## 2002	0.02	0	0	0	0
## 2003	0.00	0	0	0	0
## 2004	0.01	0	0	0	0
## 2005	0.02	0	1	0	0
## 2006	0.05	0	0	1	0
## 2007	0.01	0	0	0	0
## 2008	0.05	0	0	0	0
## 2009	0.06	0	0	0	0
## 2010	0.28	0	0	0	0
## 2011	0.21	0	1	0	1
## 2014	0.02	0	0	0	0
## 2015	0.01	0	0	0	0
## 2016	0.01	0	0	0	0
## 2017	0.10	0	0	0	0
## 2018	0.70	0	0	0	0
## 2019	0.01	0	0	0	0
## 2020	0.02	0	0	0	0
## 2024	0.11	0	0	0	0
## 2025	0.01	0	0	0	0
## 2027	0.01	0	0	0	0
## 2028	0.04	0	0	1	0
## 2029	0.07	0	0	0	0
## 2030	-1.00	0	0	0	0
## 2031	0.01	0	0	0	0
## 2032	0.18	0	0	0	0
## 2033	0.01	0	0	0	0
## 2034	0.01	0	0	0	0
## 2035	0.02	0	0	0	0
## 2036	0.04	0	0	0	0
## 2037	0.02	0	0	0	0
## 2038	0.01	0	0	0	0
## 2039	0.01	0	0	0	0
## 2040	0.02	0	0	0	0
## 2041	0.02	0	0	0	0
## 2042	0.02	0	0	0	0
## 2043	0.05	0	0	1	0
## 2045	0.03	0	0	1	0
## 2047	0.08	0	0	1	0
## 2048	0.32	0	0	0	0
## 2049	0.05	0	0	0	0
## 2050	0.04	0	0	0	0
## 2051	0.02	0	0	0	0
## 2052	0.21	0	0	1	0
## 2054	0.01	0	0	0	0
## 2055	0.03	0	0	1	0
## 2057	0.00	0	0	0	0
## 2058	0.00	0	0	0	0
## 2059	0.02	0	0	0	0
## 2060	0.00	0	0	0	0
## 2062	0.01	0	0	1	0



## 2063	0.01	0	0	0	0
## 2064	0.02	0	0	1	0
## 2065	0.35	0	0	0	0
## 2067	0.10	0	0	1	0
## 2068	0.02	0	0	0	0
## 2069	0.01	0	0	1	0
## 2070	0.09	0	0	0	0
## 2071	0.00	0	0	0	0
## 2072	0.03	0	0	0	0
## 2074	0.48	0	0	1	0
## 2075	0.00	0	0	0	0
## 2077	0.01	0	0	0	0
## 2078	0.02	0	0	1	0
## 2079	0.05	0	0	0	0
## 2080	0.02	0	0	0	0
## 2081	0.01	0	0	0	0
## 2082	0.02	0	0	0	0
## 2083	0.03	0	0	0	0
## 2084	0.05	0	0	1	0
## 2085	0.01	0	0	1	0
## 2086	0.05	0	0	1	0
## 2087	0.02	0	0	0	0
## 2088	0.01	0	0	0	0
## 2090	0.02	0	0	0	0
## 2092	0.01	0	0	0	0
## 2093	0.01	0	0	0	0
## 2094	0.00	0	0	1	0
## 2095	0.02	0	0	1	0
## 2096	0.01	0	0	0	0
## 2097	0.01	0	0	0	0
## 2099	-1.00	0	0	0	0
## 2100	0.02	0	0	0	0
## 2101	0.02	0	0	0	0
## 2103	0.00	0	0	0	0
## 2105	0.01	0	0	0	0
## 2106	0.01	0	0	0	0
## 2107	0.01	0	0	0	0
## 2108	0.02	0	0	0	0
## 2110	0.02	0	0	0	0
## 2111	0.02	0	0	1	0
## 2112	0.10	0	0	0	0
## 2113	0.02	0	0	1	0
## 2114	0.02	0	0	1	0
## 2115	0.01	0	0	0	0
## 2117	0.05	0	0	0	0
## 2118	0.07	0	0	1	0
## 2119	0.08	0	0	0	0
## 2120	0.16	0	0	1	0
## 2122	0.09	0	0	1	0
## 2123	0.01	0	0	0	0
## 2124	0.45	0	0	0	0
## 2125	0.02	0	0	0	0
## 2126	0.02	0	0	0	0
## 2127	0.02	0	0	0	0

## 2128	0.31	0	0	1	0
## 2130	0.02	0	0	1	0
## 2131	0.02	0	0	0	0
## 2132	0.00	0	0	0	0
## 2133	0.08	0	1	0	0
## 2134	0.02	0	0	0	0
## 2135	0.01	0	0	0	0
## 2136	0.01	0	0	0	0
## 2137	0.02	0	0	0	0
## 2138	0.00	0	0	0	0
## 2139	0.02	0	0	0	0
## 2140	0.01	0	0	0	0
## 2141	0.03	0	0	1	0
## 2142	0.02	0	0	0	0
## 2143	0.01	0	0	1	0
## 2144	0.01	0	0	0	0
## 2145	0.01	0	0	0	0
## 2146	0.02	0	0	0	0
## 2147	0.00	0	0	0	0
## 2148	0.31	0	0	0	0
## 2150	0.03	0	0	0	0
## 2151	0.07	0	0	0	0
## 2153	0.04	0	0	0	0
## 2155	0.26	0	0	0	0
## 2157	0.12	0	0	1	0
## 2158	0.02	0	0	0	0
## 2159	0.04	0	0	1	0
## 2160	0.01	0	0	0	0
## 2161	0.29	0	0	0	0
## 2162	0.02	0	0	0	0
## 2163	0.03	0	0	0	0
## 2164	0.02	0	0	1	0
## 2165	0.02	0	0	0	0
## 2166	0.02	0	0	0	0
## 2167	0.02	0	0	0	0
## 2168	0.02	0	0	0	0
## 2169	0.02	0	0	0	0
## 2170	0.01	0	0	0	0
## 2171	0.01	0	0	1	0
## 2172	0.02	0	0	0	0
## 2174	0.16	0	0	0	0
## 2175	0.08	0	0	0	0
## 2176	0.02	0	0	1	0
## 2177	0.00	0	0	0	0
## 2178	0.01	0	0	1	0
## 2179	0.02	0	0	0	0
## 2180	0.02	0	0	0	0
## 2181	0.02	0	0	0	0
## 2182	0.03	0	0	1	0
## 2184	0.01	0	0	0	0
## 2185	0.04	0	0	0	0
## 2187	0.08	0	0	1	0
## 2188	0.00	0	0	0	0
## 2189	0.02	0	0	0	0

## 2190	0.01	0	0	0	0
## 2195	0.01	0	0	0	0
## 2196	0.05	0	0	0	0
## 2197	0.01	0	0	0	0
## 2198	0.01	0	0	0	0
## 2199	0.01	0	0	0	0
## 2200	0.01	0	0	0	0
## 2201	0.07	0	1	1	1
## 2202	0.03	0	0	0	0
## 2203	0.01	0	0	1	0
## 2204	0.02	0	0	0	0
## 2205	0.04	0	0	0	0
## 2206	0.02	0	0	0	0
## 2207	0.07	0	0	1	0
## 2208	0.17	0	0	0	0
## 2209	0.11	0	0	0	0
## 2210	0.06	0	0	0	0
## 2211	0.02	0	0	1	0
## 2212	0.02	0	0	0	0
## 2213	0.02	0	0	1	0
## 2214	0.02	0	0	0	0
## 2215	0.11	0	0	1	0
## 2216	0.01	0	0	0	0
## 2218	0.01	0	0	0	0
## 2219	0.01	0	0	0	0
## 2220	0.28	0	0	0	0
## 2221	0.12	0	0	0	0
## 2223	0.10	0	0	0	0
## 2224	0.01	0	0	0	0
## 2225	0.00	0	0	0	0
## 2226	0.01	0	0	0	0
## 2227	0.06	0	1	0	1
## 2229	0.02	0	0	0	0
## 2231	0.21	0	0	0	0
## 2232	0.03	0	0	0	0
## 2234	0.29	0	0	1	0
## 2235	0.02	0	0	0	0
## 2238	0.01	0	0	0	0
## 2240	0.02	0	0	0	0
## 2241	0.01	0	0	1	0
## 2243	0.03	0	0	0	0
## 2244	0.02	0	0	0	0
## 2245	0.01	0	0	0	0
## 2246	0.14	0	0	0	0
## 2247	0.05	0	0	0	0
## 2249	0.02	0	0	0	0
## 2250	0.06	0	0	1	0
## 2251	0.03	0	0	1	0
## 2252	0.02	0	0	0	0
## 2253	0.19	0	0	0	0
## 2254	0.02	0	0	0	0
## 2255	0.06	0	0	1	0
## 2256	0.04	0	0	0	0
## 2258	0.01	0	0	0	0

## 2259	0.00	0	0	1	0
## 2260	0.02	0	0	0	0
## 2261	0.02	0	0	0	0
## 2262	0.05	0	0	0	0
## 2263	0.03	0	0	0	0
## 2266	0.10	0	0	0	0
## 2267	0.15	0	0	0	0
## 2269	0.02	0	0	0	0
## 2270	0.05	0	0	0	0
## 2272	0.01	0	0	0	0
## 2273	0.02	0	0	0	0
## 2274	-1.00	0	0	0	0
## 2275	0.02	0	0	1	0
## 2276	0.01	0	0	0	0
## 2277	0.06	0	0	0	0
## 2278	0.01	0	0	0	0
## 2281	0.02	0	0	0	0
## 2282	0.21	0	0	0	0
## 2285	0.01	0	0	1	0
## 2286	0.02	0	0	1	0
## 2287	0.01	0	0	0	0
## 2288	0.08	0	0	1	0
## 2289	0.00	0	0	0	0
## 2290	0.00	0	0	0	0
## 2294	0.02	0	0	0	0
## 2296	0.00	0	0	1	0
## 2297	0.05	0	0	0	0
## 2299	0.05	0	0	0	0
## 2300	0.02	0	0	0	0
## 2301	0.01	0	0	0	0
## 2302	0.05	0	0	0	0
## 2303	0.02	0	0	0	0
## 2304	0.02	0	0	0	0
## 2305	0.02	0	0	0	0
## 2307	0.01	0	0	0	0
## 2308	0.01	0	0	0	0
## 2309	0.03	0	0	1	0
## 2310	0.03	0	0	0	0
## 2312	0.04	0	1	0	1
## 2314	0.01	0	0	1	0
## 2315	0.03	0	0	1	0
## 2316	0.20	0	0	0	0
## 2317	0.08	0	0	0	0
## 2318	0.06	0	0	1	0
## 2320	0.01	0	0	0	0
## 2322	0.01	0	0	0	0
## 2323	0.02	0	0	0	0
## 2324	0.01	0	0	0	0
## 2327	0.05	0	0	0	0
## 2328	0.19	0	0	0	0
## 2329	0.05	0	0	0	0
## 2330	0.06	0	0	1	0
## 2331	0.14	0	0	0	0
## 2333	0.16	0	0	0	0

## 2335	0.00	0	0	1	0
## 2336	0.00	0	0	1	0
## 2339	-1.00	0	0	0	0
## 2340	0.23	0	0	0	0
## 2341	0.02	0	0	1	0
## 2342	0.01	0	0	0	0
## 2343	0.01	0	0	0	0
## 2344	0.03	0	0	0	0
## 2347	0.01	0	0	0	0
## 2348	0.01	0	0	0	0
## 2349	0.01	0	0	0	0
## 2350	0.02	0	0	0	0
## 2352	0.01	0	0	0	0
## 2354	0.11	0	0	0	0
## 2355	0.02	0	0	1	0
## 2356	0.01	0	0	1	0
## 2357	0.02	0	0	1	0
## 2358	0.01	0	0	0	0
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## 2360	0.01	0	0	1	0
## 2361	0.02	0	1	1	0
## 2363	0.01	0	0	0	0
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## 2365	0.01	0	0	0	0
## 2368	0.07	0	0	0	0
## 2369	0.02	0	0	0	0
## 2370	0.02	0	0	0	0
## 2371	0.25	0	0	0	0
## 2372	0.01	0	0	0	0
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## 2374	0.02	0	0	0	0
## 2375	-1.00	0	0	0	0
## 2376	0.01	0	0	0	0
## 2377	0.12	0	0	0	0
## 2378	0.03	0	0	0	0
## 2379	0.00	0	0	0	0
## 2381	0.00	0	0	1	0
## 2382	0.00	0	0	1	0
## 2383	0.01	0	0	0	0
## 2384	0.01	0	0	0	0
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## 2425	0.18	0	0	1	0
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## 2433	0.02	0	0	0	0
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##	apache_3j_bodysystem	hospital_death	d1_diasbp	d1_heartrate	d1_mbp
##	1	Sepsis	Survived	61.5	90.5 74.5
##	2	Trauma	Survived	65.0	70.0 75.0
##	3	Sepsis	Survived	72.0	93.0 100.0
##	4	Cardiovascular	Survived	59.0	65.5 93.5
##	6	Sepsis	Survived	79.5	104.0 90.5
##	7	Neurological	Survived	58.0	67.0 84.0
##	8	Cardiovascular	Survived	65.0	90.5 78.5
##	9	Genitourinary	Survived	87.0	91.5 99.5
##	10	Cardiovascular	Survived	81.0	99.5 100.0
##	11	Metabolic	Survived	80.5	105.5 97.5
##	12	Metabolic	Survived	61.5	93.0 71.5

## 13	Cardiovascular	Survived	79.0	67.0	91.5
## 15	Sepsis	Survived	62.0	112.5	83.5
## 17	Cardiovascular	Survived	78.5	85.5	96.5
## 18	Cardiovascular	Survived	60.5	89.0	84.0
## 19	Metabolic	Survived	63.0	104.5	80.0
## 20	Respiratory	Survived	85.0	99.5	105.0
## 21	Gastrointestinal	Survived	57.0	111.0	72.5
## 22	Gastrointestinal	Survived	72.5	94.5	93.0
## 23	Sepsis	Survived	76.5	79.0	107.5
## 24	Neurological	Survived	69.0	49.5	99.0
## 25	Sepsis	Survived	94.0	100.0	105.0
## 27	Neurological	Survived	58.5	79.5	75.0
## 30	Musculoskeletal/Skin	Survived	69.0	66.0	112.5
## 31	Trauma	Survived	67.5	115.5	79.0
## 32	Cardiovascular	Survived	54.0	78.0	66.0
## 33	Gastrointestinal	Survived	61.0	105.0	73.0
## 34	Neurological	Survived	70.0	101.5	88.0
## 35	Trauma	Survived	61.0	77.0	90.5
## 36	Cardiovascular	Survived	76.5	76.5	109.5
## 37	Cardiovascular	Survived	66.5	60.5	78.5
## 38	Cardiovascular	Survived	68.5	89.0	92.0
## 41	Respiratory	Survived	58.5	98.5	70.5
## 42	Sepsis	Survived	58.5	68.0	75.0
## 43	Respiratory	Survived	64.0	106.0	85.5
## 44	Cardiovascular	Survived	69.0	49.0	76.0
## 45	Cardiovascular	Survived	82.0	73.5	85.5
## 46	Sepsis	Survived	61.0	85.0	75.5
## 47	Gastrointestinal	Survived	78.0	70.0	94.0
## 48	Sepsis	Survived	67.5	91.0	87.0
## 49	Neurological	Survived	100.0	102.5	107.0
## 50	Cardiovascular	Survived	77.0	91.0	85.5
## 51	Cardiovascular	Survived	73.0	98.0	79.5
## 52	Trauma	Survived	77.0	119.0	89.0
## 53	Cardiovascular	Survived	71.5	86.5	92.5
## 54	Neurological	Survived	84.0	62.5	100.0
## 55	Gastrointestinal	Survived	63.5	86.5	79.5
## 56	Metabolic	Survived	71.0	80.5	88.5
## 57	Cardiovascular	Survived	76.0	99.0	87.5
## 58	Metabolic	Survived	61.0	81.5	79.5
## 59	Trauma	Survived	94.0	101.0	111.0
## 62	Cardiovascular	Survived	76.5	68.5	103.5
## 63	Gastrointestinal	Survived	99.5	88.5	116.0
## 64	Respiratory	Survived	59.5	109.0	77.0
## 65	Neurological	Survived	61.0	82.0	69.5
## 66	Cardiovascular	Survived	64.5	85.0	83.5
## 67	Respiratory	Survived	49.0	80.5	66.0
## 68	Neurological	Survived	71.0	76.5	78.5
## 69	Neurological	Survived	80.0	86.0	85.0
## 70	Respiratory	Survived	81.0	70.0	88.0
## 71	Neurological	Survived	81.5	73.0	90.5
## 73	Metabolic	Survived	83.5	112.0	97.0
## 74	Neurological	Survived	77.0	85.0	105.5
## 75	Cardiovascular	Survived	76.5	89.5	87.0
## 76	Trauma	Survived	71.5	60.0	78.0

## 77	Respiratory	Survived	71.0	71.5	89.0
## 78	Sepsis	Survived	52.0	87.5	50.5
## 79	Gastrointestinal	Survived	66.0	62.5	96.5
## 80	Cardiovascular	Survived	70.0	89.5	113.5
## 82	Cardiovascular	Survived	83.0	97.0	89.5
## 83	Cardiovascular	Survived	81.0	73.0	115.5
## 84	Gastrointestinal	Survived	44.0	106.0	59.5
## 85	Cardiovascular	Survived	56.5	75.5	69.5
## 87	Metabolic	Survived	68.0	80.0	80.0
## 88	Gastrointestinal	Survived	73.0	102.5	86.5
## 89	Cardiovascular	Survived	72.5	69.5	83.5
## 91	Cardiovascular	Survived	74.5	76.0	86.0
## 93	Cardiovascular	Survived	83.5	79.0	95.0
## 94	Metabolic	Survived	77.5	81.5	96.5
## 95	Cardiovascular	Survived	64.5	76.0	78.5
## 96	Neurological	Survived	70.5	90.0	90.0
## 97	Cardiovascular	Survived	68.5	89.5	78.5
## 98	Cardiovascular	Survived	62.5	51.5	82.0
## 99	Neurological	Survived	75.0	69.5	108.5
## 100	Sepsis	Survived	51.5	115.0	55.5
## 101	Cardiovascular	Survived	97.0	68.5	115.0
## 102	Cardiovascular	Survived	48.0	59.5	66.5
## 103	Gastrointestinal	Survived	52.5	110.0	70.5
## 104	Neurological	Survived	69.0	82.0	79.5
## 105	Cardiovascular	Survived	75.5	105.5	90.5
## 106	Gastrointestinal	Survived	63.0	79.0	78.0
## 107	Gastrointestinal	Survived	62.5	131.5	66.5
## 108	Cardiovascular	Survived	70.0	81.0	91.5
## 109	Gastrointestinal	Survived	50.5	62.5	62.5
## 110	Cardiovascular	Survived	55.5	89.0	65.5
## 111	Cardiovascular	Survived	77.0	60.0	96.5
## 112	Trauma	Survived	60.0	86.0	77.5
## 114	Metabolic	Survived	70.0	98.0	84.0
## 115	Neurological	Survived	69.5	84.5	84.5
## 118	Cardiovascular	Survived	67.5	109.5	90.0
## 119	Metabolic	Survived	63.5	110.5	75.5
## 120	Cardiovascular	Survived	75.0	121.5	84.5
## 121	Cardiovascular	Survived	77.5	64.0	100.0
## 125	Metabolic	Survived	80.0	103.5	83.5
## 126	Metabolic	Survived	61.5	92.5	72.5
## 127	Gastrointestinal	Survived	56.5	61.5	89.5
## 128	Cardiovascular	Survived	61.5	78.5	74.5
## 129	Cardiovascular	Survived	62.5	79.0	72.0
## 130	Metabolic	Survived	60.5	68.5	73.5
## 132	Respiratory	Survived	88.5	96.0	98.0
## 133	Musculoskeletal/Skin	Survived	86.5	80.5	106.0
## 134	Cardiovascular	Survived	51.5	78.0	70.0
## 136	Gastrointestinal	Survived	82.5	98.0	99.0
## 138	Cardiovascular	Survived	79.0	80.5	105.5
## 139	Respiratory	Survived	57.0	70.0	74.0
## 141	Metabolic	Survived	49.0	71.0	61.5
## 143	Metabolic	Survived	88.0	119.5	110.0
## 144	Sepsis	Survived	70.5	101.0	93.0
## 145	Cardiovascular	Survived	71.5	76.0	83.0

## 146	Gastrointestinal	Survived	58.0	98.5	75.0
## 147	Sepsis	Survived	89.5	77.0	113.0
## 148	Cardiovascular	Survived	68.0	62.5	85.5
## 150	Respiratory	Survived	60.5	90.0	73.5
## 151	Trauma	Survived	75.0	59.5	90.5
## 152	Cardiovascular	Survived	76.5	80.0	119.0
## 153	Respiratory	Survived	58.5	100.0	81.5
## 155	Sepsis	Survived	50.5	92.0	62.0
## 157	Respiratory	Survived	62.0	83.0	67.0
## 159	Metabolic	Survived	87.0	90.5	94.0
## 160	Respiratory	Survived	80.0	89.0	92.0
## 161	Neurological	Survived	67.5	68.5	76.0
## 162	Gastrointestinal	Survived	79.5	85.5	92.0
## 163	Neurological	Survived	70.0	73.0	92.5
## 164	Cardiovascular	Survived	69.0	77.5	77.5
## 165	Neurological	Survived	73.0	99.0	78.5
## 166	Gastrointestinal	Survived	74.0	102.0	87.0
## 167	Neurological	Survived	56.5	92.0	69.0
## 168	Gastrointestinal	Survived	94.5	78.5	105.5
## 170	Metabolic	Survived	70.5	88.0	88.0
## 171	Neurological	Survived	76.5	95.0	88.0
## 172	Respiratory	Survived	84.5	90.5	111.0
## 173	Gastrointestinal	Survived	67.0	81.0	77.5
## 174	Cardiovascular	Survived	70.5	102.0	83.5
## 175	Trauma	Survived	79.5	121.0	88.0
## 176	Trauma	Survived	54.0	89.0	69.5
## 177	Metabolic	Survived	69.5	121.5	84.0
## 178	Cardiovascular	Survived	77.5	99.5	94.0
## 179	Gastrointestinal	Survived	52.5	110.0	70.5
## 180	Neurological	Survived	69.5	73.5	88.5
## 181	Trauma	Survived	87.5	90.0	97.5
## 182	Cardiovascular	Survived	87.0	71.0	109.0
## 183	Respiratory	Survived	61.0	99.5	72.5
## 184	Cardiovascular	Survived	54.5	68.5	69.0
## 186	Cardiovascular	Survived	61.0	65.0	86.0
## 188	Cardiovascular	Survived	58.5	77.0	67.0
## 189	Sepsis	Survived	104.5	98.5	115.5
## 190	Neurological	Survived	90.0	82.0	110.5
## 191	Neurological	Survived	71.0	120.5	84.0
## 193	Cardiovascular	Survived	70.5	57.5	101.5
## 198	Cardiovascular	Survived	55.0	92.5	63.0
## 200	Cardiovascular	Survived	75.0	109.0	84.0
## 201	Neurological	Survived	100.5	57.0	117.5
## 202	Neurological	Survived	82.5	75.0	120.5
## 203	Respiratory	Survived	74.0	107.0	99.0
## 204	Gastrointestinal	Survived	77.5	60.0	88.5
## 205	Neurological	Survived	61.0	83.5	88.0
## 206	Respiratory	Survived	83.0	96.5	90.5
## 207	Gastrointestinal	Survived	45.0	72.0	75.0
## 208	Cardiovascular	Survived	82.0	108.0	89.5
## 209	Sepsis	Survived	70.5	79.0	85.0
## 211	Gastrointestinal	Survived	84.5	73.5	104.0
## 212	Neurological	Survived	61.0	64.0	103.5
## 213	Metabolic	Survived	68.5	83.5	78.5

## 214	Genitourinary	Survived	80.0	101.5	90.0
## 215	Cardiovascular	Survived	73.5	101.5	77.0
## 217	Cardiovascular	Survived	53.0	105.5	69.0
## 218	Sepsis	Survived	48.0	82.0	68.5
## 219	Cardiovascular	Survived	63.5	90.0	69.5
## 221	Metabolic	Survived	71.5	96.5	87.0
## 222	Cardiovascular	Survived	107.0	125.5	121.5
## 223	Neurological	Survived	66.5	92.0	78.5
## 224	Sepsis	Survived	54.0	103.0	81.0
## 225	Cardiovascular	Survived	113.5	85.0	120.0
## 226	Gastrointestinal	Survived	65.5	68.5	87.0
## 228	Cardiovascular	Survived	96.0	104.5	105.5
## 229	Cardiovascular	Survived	70.5	91.5	88.5
## 230	Neurological	Survived	59.0	58.5	80.5
## 231	Cardiovascular	Survived	100.5	92.0	113.0
## 232	Metabolic	Survived	80.5	79.5	88.0
## 233	Neurological	Survived	96.0	78.5	103.0
## 235	Neurological	Survived	80.0	80.0	97.5
## 236	Neurological	Survived	89.0	90.5	103.5
## 237	Sepsis	Survived	85.0	122.0	101.0
## 238	Respiratory	Survived	65.0	78.5	79.0
## 239	Respiratory	Survived	62.0	87.0	69.5
## 241	Respiratory	Survived	55.5	73.5	67.5
## 242	Sepsis	Survived	69.0	82.0	76.5
## 243	Cardiovascular	Survived	47.0	84.0	65.5
## 244	Metabolic	Survived	63.5	104.5	75.5
## 246	Cardiovascular	Survived	62.5	81.0	80.5
## 247	Sepsis	Survived	69.5	100.0	84.0
## 248	Trauma	Survived	71.5	65.5	101.5
## 250	Cardiovascular	Survived	70.5	70.0	84.5
## 251	Respiratory	Survived	48.5	90.0	69.5
## 252	Trauma	Survived	74.5	85.0	101.0
## 253	Sepsis	Survived	73.5	128.0	93.5
## 254	Cardiovascular	Survived	72.0	87.0	87.5
## 255	Cardiovascular	Survived	73.0	114.5	90.5
## 256	Metabolic	Survived	76.0	126.0	82.0
## 257	Cardiovascular	Survived	53.5	63.0	80.0
## 258	Respiratory	Survived	74.0	122.5	93.0
## 259	Cardiovascular	Survived	64.0	78.0	79.5
## 260	Metabolic	Survived	74.5	99.0	83.5
## 262	Gastrointestinal	Survived	66.0	110.5	79.5
## 263	Cardiovascular	Survived	48.5	61.0	80.5
## 264	Cardiovascular	Survived	68.5	63.0	89.0
## 265	Sepsis	Survived	65.5	77.5	75.5
## 266	Cardiovascular	Survived	93.0	118.0	101.0
## 267	Respiratory	Survived	66.0	88.0	77.5
## 268	Gastrointestinal	Survived	75.0	79.5	86.5
## 269	Neurological	Survived	54.5	85.5	64.5
## 270	Respiratory	Survived	84.5	112.0	99.5
## 271	Cardiovascular	Survived	69.5	118.5	79.5
## 272	Respiratory	Survived	68.5	103.0	83.5
## 273	Sepsis	Survived	98.5	128.0	116.5
## 274	Sepsis	Survived	61.0	95.5	69.5
## 275	Cardiovascular	Survived	70.0	160.0	66.0

## 276	Neurological	Survived	73.0	87.0	107.0
## 278	Cardiovascular	Survived	64.0	94.5	76.5
## 279	Cardiovascular	Survived	70.0	69.0	88.0
## 280	Neurological	Survived	72.0	88.0	83.0
## 281	Cardiovascular	Survived	70.5	65.0	88.0
## 282	Metabolic	Survived	78.5	81.0	88.5
## 284	Cardiovascular	Survived	63.5	66.0	79.0
## 285	Cardiovascular	Survived	64.0	92.0	76.0
## 286	Neurological	Survived	105.5	82.0	124.5
## 287	Cardiovascular	Survived	65.0	66.0	89.0
## 288	Metabolic	Survived	58.0	90.0	67.0
## 289	Gastrointestinal	Survived	57.0	75.5	81.0
## 291	Cardiovascular	Survived	84.0	71.0	99.0
## 292	Cardiovascular	Survived	77.5	92.5	94.5
## 294	Cardiovascular	Survived	74.5	57.5	97.5
## 295	Cardiovascular	Survived	66.5	63.0	97.0
## 296	Cardiovascular	Survived	70.0	73.5	86.5
## 297	Genitourinary	Survived	81.5	89.0	94.5
## 298	Neurological	Survived	61.5	58.0	81.5
## 299	Cardiovascular	Survived	59.5	80.5	73.5
## 300	Cardiovascular	Survived	47.5	97.5	72.5
## 301	Gastrointestinal	Survived	74.0	110.5	80.5
## 303	Cardiovascular	Survived	68.0	75.5	79.0
## 304	Sepsis	Survived	65.5	75.5	73.5
## 306	Cardiovascular	Survived	57.0	83.0	64.5
## 307	Cardiovascular	Survived	78.0	75.5	87.5
## 309	Neurological	Survived	72.0	89.0	76.0
## 310	Metabolic	Survived	70.5	93.5	93.5
## 312	Respiratory	Survived	58.0	99.0	66.5
## 313	Cardiovascular	Survived	51.0	105.0	65.5
## 314	Trauma	Survived	67.5	120.0	79.5
## 315	Respiratory	Survived	62.5	86.5	84.5
## 316	Cardiovascular	Survived	52.5	72.5	77.0
## 317	Cardiovascular	Survived	78.0	122.0	86.0
## 318	Sepsis	Survived	89.5	113.0	116.0
## 319	Cardiovascular	Survived	74.5	128.0	95.5
## 321	Metabolic	Survived	54.5	81.0	61.5
## 323	Neurological	Survived	85.5	112.5	97.5
## 324	Musculoskeletal/Skin	Survived	48.5	89.0	55.5
## 325	Cardiovascular	Survived	60.5	100.5	72.0
## 326	Trauma	Survived	51.0	71.5	70.0
## 327	Neurological	Survived	77.5	74.0	91.0
## 328	Cardiovascular	Survived	91.5	82.0	101.5
## 329	Sepsis	Survived	58.5	69.0	67.5
## 331	Gastrointestinal	Survived	56.0	104.0	69.0
## 334	Metabolic	Survived	81.0	82.5	101.0
## 335	Gastrointestinal	Survived	71.0	152.0	88.0
## 336	Cardiovascular	Survived	70.5	80.5	82.5
## 337	Cardiovascular	Survived	60.0	123.0	57.5
## 338	Cardiovascular	Survived	64.0	62.5	84.0
## 340	Cardiovascular	Survived	59.0	61.5	76.5
## 342	Neurological	Survived	73.5	83.0	91.0
## 343	Cardiovascular	Survived	65.5	77.5	74.5
## 345	Cardiovascular	Survived	67.0	92.5	81.0

## 346	Metabolic	Survived	76.0	90.0	93.0
## 347	Cardiovascular	Survived	79.5	112.0	90.5
## 348	Metabolic	Survived	73.0	83.0	79.5
## 350	Cardiovascular	Survived	72.0	81.0	79.0
## 351	Cardiovascular	Survived	70.5	79.5	75.5
## 352	Gastrointestinal	Survived	81.0	98.5	93.0
## 353	Metabolic	Survived	84.5	79.5	100.0
## 354	Gastrointestinal	Survived	70.0	100.0	80.5
## 357	Cardiovascular	Survived	82.5	101.0	93.5
## 358	Cardiovascular	Survived	62.5	120.5	81.0
## 359	Respiratory	Survived	83.0	99.0	93.5
## 360	Respiratory	Survived	59.5	91.5	75.5
## 361	Cardiovascular	Survived	60.0	84.5	82.0
## 362	Cardiovascular	Survived	74.0	86.0	85.0
## 363	Neurological	Survived	51.0	72.5	59.0
## 364	Respiratory	Survived	63.5	79.0	72.0
## 367	Metabolic	Survived	75.0	90.5	90.0
## 368	Gastrointestinal	Survived	76.5	94.5	91.5
## 370	Respiratory	Survived	82.5	81.0	97.5
## 372	Cardiovascular	Survived	79.0	90.5	90.5
## 374	Cardiovascular	Survived	63.0	72.5	71.0
## 375	Sepsis	Survived	71.5	114.0	86.0
## 376	Respiratory	Survived	70.0	130.0	81.5
## 377	Cardiovascular	Survived	86.5	57.5	96.0
## 378	Cardiovascular	Survived	62.0	106.0	74.5
## 379	Metabolic	Survived	66.5	78.5	76.0
## 380	Cardiovascular	Survived	64.5	102.5	72.0
## 381	Metabolic	Survived	87.0	87.5	77.5
## 382	Respiratory	Survived	90.0	82.0	104.5
## 383	Cardiovascular	Survived	59.0	58.5	70.5
## 384	Cardiovascular	Survived	98.0	99.5	106.0
## 385	Neurological	Survived	63.5	88.5	73.5
## 386	Neurological	Survived	56.0	72.5	65.0
## 387	Cardiovascular	Survived	79.5	107.0	90.0
## 388	Cardiovascular	Survived	75.5	100.5	88.0
## 391	Neurological	Survived	78.0	80.5	85.5
## 392	Trauma	Survived	72.0	71.5	83.0
## 393	Metabolic	Survived	52.5	77.0	65.0
## 394	Cardiovascular	Survived	73.0	86.0	89.0
## 395	Respiratory	Survived	81.0	81.0	98.5
## 397	Metabolic	Survived	64.5	90.0	92.0
## 398	Sepsis	Survived	68.0	100.5	71.5
## 399	Cardiovascular	Survived	91.5	63.0	118.5
## 400	Cardiovascular	Survived	74.0	85.5	84.5
## 401	Cardiovascular	Survived	52.0	76.0	72.5
## 402	Respiratory	Survived	90.0	105.5	103.0
## 403	Cardiovascular	Survived	84.0	68.0	94.0
## 404	Neurological	Survived	69.0	76.0	103.5
## 405	Sepsis	Survived	61.0	90.0	78.5
## 406	Cardiovascular	Survived	78.0	80.5	89.0
## 407	Gastrointestinal	Survived	64.5	66.5	86.0
## 408	Cardiovascular	Survived	68.0	76.5	75.5
## 409	Respiratory	Survived	51.0	89.0	62.0
## 410	Cardiovascular	Survived	75.0	115.5	95.0



## 411	Gastrointestinal	Survived	63.0	98.5	68.5
## 414	Gastrointestinal	Survived	87.5	52.5	110.0
## 416	Gastrointestinal	Survived	57.5	83.5	75.5
## 417	Cardiovascular	Survived	71.0	106.5	78.0
## 418	Cardiovascular	Survived	78.5	71.0	89.0
## 419	Cardiovascular	Survived	79.0	109.0	89.0
## 420	Gastrointestinal	Survived	85.0	93.5	93.0
## 421	Respiratory	Survived	80.5	111.0	99.0
## 423	Gastrointestinal	Survived	66.5	77.5	75.5
## 424	Sepsis	Survived	65.0	111.5	79.0
## 426	Neurological	Survived	59.0	66.0	69.0
## 427	Cardiovascular	Survived	63.0	73.0	72.0
## 428	Respiratory	Survived	67.0	104.0	83.5
## 429	Neurological	Survived	59.5	77.5	69.5
## 430	Musculoskeletal/Skin	Survived	59.5	82.0	72.0
## 431	Cardiovascular	Survived	69.5	81.5	77.0
## 432	Gastrointestinal	Survived	52.0	85.5	65.0
## 433	Trauma	Survived	57.5	98.0	69.0
## 435	Cardiovascular	Survived	69.5	70.5	80.5
## 436	Respiratory	Survived	79.0	92.0	87.0
## 437	Respiratory	Survived	80.0	80.5	91.5
## 439	Respiratory	Survived	71.5	83.0	82.5
## 440	Metabolic	Survived	72.0	47.0	93.0
## 443	Cardiovascular	Survived	69.0	75.5	106.5
## 444	Cardiovascular	Survived	62.0	81.5	75.5
## 446	Respiratory	Survived	78.0	64.0	90.0
## 448	Neurological	Survived	67.5	92.5	77.0
## 449	Cardiovascular	Survived	81.5	133.0	88.0
## 450	Cardiovascular	Survived	76.0	72.0	86.0
## 451	Neurological	Survived	76.0	82.5	93.0
## 452	Respiratory	Survived	58.0	93.5	67.5
## 455	Cardiovascular	Survived	61.0	74.5	88.5
## 456	Neurological	Survived	61.5	86.5	73.0
## 457	Sepsis	Survived	71.5	79.5	79.5
## 458	Sepsis	Survived	52.0	91.0	66.5
## 459	Neurological	Survived	64.0	85.0	89.0
## 460	Cardiovascular	Survived	69.5	79.0	84.5
## 461	Respiratory	Survived	69.0	89.0	81.0
## 463	Cardiovascular	Survived	63.5	68.5	74.5
## 464	Cardiovascular	Survived	59.5	71.0	71.5
## 465	Gastrointestinal	Survived	55.5	61.0	82.0
## 466	Sepsis	Survived	72.5	112.0	78.0
## 467	Cardiovascular	Survived	63.0	59.0	83.0
## 468	Gastrointestinal	Survived	91.0	87.0	107.0
## 469	Sepsis	Survived	67.0	97.5	74.0
## 470	Cardiovascular	Survived	90.0	75.5	131.5
## 471	Sepsis	Survived	67.0	91.5	77.0
## 472	Cardiovascular	Survived	62.0	67.5	74.5
## 473	Respiratory	Survived	45.0	105.5	112.0
## 475	Cardiovascular	Survived	97.5	80.0	132.5
## 477	Sepsis	Survived	66.0	109.5	87.0
## 478	Neurological	Survived	61.0	99.5	82.5
## 479	Sepsis	Survived	57.5	104.5	71.0
## 480	Respiratory	Survived	87.0	96.5	98.5

## 481	Cardiovascular	Survived	93.5	90.0	110.0
## 482	Neurological	Survived	51.5	82.0	87.5
## 483	Cardiovascular	Survived	71.0	72.0	100.5
## 484	Sepsis	Survived	70.5	91.0	96.0
## 485	Gastrointestinal	Survived	56.0	83.5	66.5
## 486	Cardiovascular	Survived	65.5	97.5	75.5
## 487	Metabolic	Survived	68.0	97.5	77.0
## 488	Gastrointestinal	Survived	60.0	79.5	85.5
## 489	Cardiovascular	Survived	85.5	87.5	92.5
## 490	Cardiovascular	Survived	68.0	72.5	86.5
## 491	Neurological	Survived	74.0	78.5	95.0
## 492	Cardiovascular	Survived	67.0	58.0	92.5
## 494	Trauma	Survived	60.0	86.5	65.5
## 495	Respiratory	Survived	55.0	126.0	65.0
## 496	Cardiovascular	Survived	66.5	80.0	74.5
## 497	Hematological	Survived	61.0	71.0	78.0
## 498	Cardiovascular	Survived	82.0	75.5	99.0
## 499	Cardiovascular	Survived	81.0	102.0	106.0
## 500	Cardiovascular	Survived	59.0	61.5	76.5
## 501	Trauma	Survived	76.0	118.0	92.5
## 504	Respiratory	Survived	97.5	85.0	104.5
## 505	Cardiovascular	Survived	90.5	66.0	63.5
## 507	Neurological	Survived	77.0	88.0	91.5
## 509	Cardiovascular	Survived	82.5	88.5	88.0
## 510	Sepsis	Survived	84.0	92.0	90.5
## 511	Metabolic	Survived	94.5	84.0	121.5
## 514	Metabolic	Survived	81.0	80.5	91.5
## 515	Respiratory	Survived	71.5	87.5	80.5
## 516	Cardiovascular	Survived	71.5	121.0	83.5
## 517	Respiratory	Survived	49.0	69.0	95.5
## 518	Cardiovascular	Survived	61.5	84.0	85.5
## 519	Respiratory	Survived	78.5	110.5	106.0
## 520	Cardiovascular	Survived	71.5	119.0	76.5
## 522	Sepsis	Survived	62.5	105.0	79.0
## 523	Respiratory	Survived	74.0	78.0	83.0
## 525	Metabolic	Survived	67.0	100.0	77.0
## 527	Sepsis	Survived	59.0	109.0	66.0
## 528	Neurological	Survived	100.5	105.0	118.5
## 529	Neurological	Survived	77.0	100.0	101.0
## 530	Cardiovascular	Survived	64.0	91.5	79.0
## 531	Respiratory	Survived	68.5	94.5	80.5
## 532	Metabolic	Survived	89.0	94.0	96.0
## 533	Gastrointestinal	Survived	69.0	82.5	100.5
## 534	Sepsis	Survived	63.0	89.5	71.0
## 535	Cardiovascular	Survived	82.5	98.5	96.5
## 537	Cardiovascular	Survived	66.0	75.5	95.0
## 538	Respiratory	Survived	64.0	107.0	79.5
## 539	Cardiovascular	Survived	74.5	86.0	85.5
## 540	Respiratory	Survived	49.5	101.0	59.0
## 541	Trauma	Survived	74.0	63.0	99.0
## 542	Neurological	Survived	100.5	99.5	109.5
## 544	Cardiovascular	Survived	46.5	89.5	66.5
## 545	Cardiovascular	Survived	74.5	87.0	87.5
## 546	Genitourinary	Survived	52.0	87.5	59.0

## 551	Neurological	Survived	73.5	94.0	84.0
## 552	Cardiovascular	Survived	67.0	86.0	87.0
## 553	Gastrointestinal	Survived	74.0	79.0	85.5
## 554	Respiratory	Survived	72.0	94.5	75.0
## 557	Sepsis	Survived	80.0	70.5	94.0
## 558	Cardiovascular	Survived	61.5	61.5	73.5
## 559	Neurological	Survived	76.0	70.0	87.5
## 561	Sepsis	Survived	70.0	105.0	87.0
## 563	Cardiovascular	Survived	66.5	93.5	75.5
## 565	Cardiovascular	Survived	93.5	74.0	117.0
## 567	Sepsis	Survived	70.0	87.5	89.0
## 568	Sepsis	Survived	58.5	96.5	69.5
## 569	Cardiovascular	Survived	64.0	88.5	71.5
## 570	Sepsis	Survived	61.5	83.0	72.5
## 571	Cardiovascular	Survived	64.0	81.0	84.0
## 573	Cardiovascular	Survived	83.5	63.5	85.0
## 574	Trauma	Survived	76.5	70.0	84.0
## 575	Respiratory	Survived	83.0	85.0	96.5
## 576	Trauma	Survived	60.0	81.5	70.5
## 577	Sepsis	Survived	62.0	84.0	75.5
## 578	Trauma	Survived	83.0	71.0	95.0
## 579	Sepsis	Survived	67.5	68.5	77.5
## 582	Metabolic	Survived	90.5	78.0	123.5
## 583	Neurological	Survived	88.0	61.5	98.5
## 584	Gastrointestinal	Survived	47.0	81.0	86.0
## 585	Cardiovascular	Survived	62.0	78.0	76.0
## 586	Neurological	Survived	77.5	103.5	89.5
## 587	Neurological	Survived	90.5	76.0	105.5
## 590	Respiratory	Survived	59.5	109.5	65.0
## 593	Cardiovascular	Survived	75.5	77.5	92.5
## 594	Gastrointestinal	Survived	50.5	82.5	66.5
## 595	Neurological	Survived	64.0	74.5	74.0
## 596	Respiratory	Survived	69.5	82.0	76.0
## 597	Trauma	Survived	55.0	95.0	76.0
## 598	Neurological	Survived	61.5	65.0	96.0
## 599	Cardiovascular	Survived	70.5	113.5	75.0
## 600	Respiratory	Survived	65.5	83.0	79.5
## 601	Sepsis	Survived	49.0	90.5	65.0
## 602	Cardiovascular	Survived	70.5	84.5	88.0
## 603	Respiratory	Survived	82.0	80.0	93.0
## 604	Cardiovascular	Survived	56.5	74.5	65.5
## 605	Sepsis	Survived	64.5	68.0	75.0
## 606	Cardiovascular	Survived	78.5	67.0	96.0
## 608	Cardiovascular	Survived	60.5	69.5	84.0
## 609	Cardiovascular	Survived	73.0	71.5	77.5
## 610	Respiratory	Survived	66.5	120.0	82.0
## 611	Cardiovascular	Survived	43.0	61.5	60.0
## 613	Cardiovascular	Survived	77.0	87.0	93.5
## 614	Respiratory	Survived	68.0	71.0	79.0
## 616	Sepsis	Survived	51.5	66.5	85.0
## 617	Metabolic	Survived	57.5	71.0	79.5
## 618	Sepsis	Survived	64.5	81.0	77.5
## 619	Gastrointestinal	Survived	63.0	66.0	77.0
## 620	Respiratory	Survived	82.0	100.0	99.5

## 622	Metabolic	Survived	75.0	116.5	81.5
## 623	Gastrointestinal	Survived	66.0	102.5	83.5
## 625	Cardiovascular	Survived	71.5	85.5	80.0
## 627	Sepsis	Survived	43.0	68.5	55.5
## 629	Trauma	Survived	66.0	75.0	88.0
## 630	Musculoskeletal/Skin	Survived	59.0	71.5	71.5
## 632	Neurological	Survived	65.5	59.0	96.5
## 633	Cardiovascular	Survived	72.0	70.0	104.0
## 634	Gastrointestinal	Survived	51.5	69.5	72.0
## 637	Metabolic	Survived	58.0	82.5	69.5
## 639	Cardiovascular	Survived	65.5	78.5	85.0
## 640	Neurological	Survived	79.0	103.5	104.5
## 641	Cardiovascular	Survived	65.0	66.5	74.5
## 642	Gastrointestinal	Survived	48.5	73.0	70.5
## 643	Sepsis	Survived	79.5	93.5	91.5
## 645	Neurological	Survived	61.5	78.5	88.0
## 646	Cardiovascular	Survived	70.0	66.0	90.5
## 647	Sepsis	Survived	77.0	86.5	96.0
## 649	Gastrointestinal	Survived	70.0	80.5	87.0
## 651	Gastrointestinal	Survived	52.5	120.0	67.0
## 652	Cardiovascular	Survived	63.5	92.5	72.0
## 654	Neurological	Survived	46.5	57.0	69.5
## 655	Metabolic	Survived	85.0	71.0	110.0
## 656	Sepsis	Survived	47.5	98.5	56.5
## 658	Neurological	Survived	82.5	74.0	95.5
## 659	Respiratory	Survived	103.5	121.5	126.5
## 661	Trauma	Survived	58.5	70.0	71.0
## 664	Cardiovascular	Survived	85.0	64.5	118.0
## 665	Cardiovascular	Survived	59.0	53.5	85.5
## 666	Neurological	Survived	56.5	70.0	70.0
## 667	Sepsis	Survived	63.5	111.0	74.0
## 668	Cardiovascular	Survived	66.0	74.0	81.0
## 669	Cardiovascular	Survived	68.5	97.5	84.5
## 670	Cardiovascular	Survived	54.0	90.0	63.0
## 671	Respiratory	Survived	58.0	115.5	72.5
## 673	Sepsis	Survived	58.5	122.5	68.0
## 674	Gastrointestinal	Survived	59.0	71.5	67.5
## 677	Cardiovascular	Survived	84.5	68.0	109.5
## 679	Cardiovascular	Survived	57.5	58.0	74.0
## 681	Sepsis	Survived	83.0	91.0	92.0
## 682	Cardiovascular	Survived	68.0	108.0	75.0
## 683	Neurological	Survived	78.5	79.0	108.0
## 684	Metabolic	Survived	55.5	85.0	68.0
## 686	Cardiovascular	Survived	84.5	91.0	98.0
## 688	Musculoskeletal/Skin	Survived	90.5	67.5	106.5
## 689	Cardiovascular	Survived	73.0	82.5	88.0
## 690	Gastrointestinal	Survived	55.5	67.5	64.5
## 692	Cardiovascular	Survived	64.0	52.5	78.0
## 693	Cardiovascular	Survived	75.5	103.5	98.0
## 694	Respiratory	Survived	72.0	71.5	98.5
## 695	Sepsis	Survived	63.0	78.5	76.0
## 696	Neurological	Survived	72.0	77.5	93.0
## 697	Respiratory	Survived	62.5	101.0	75.0
## 698	Cardiovascular	Survived	68.0	56.5	89.5

## 699	Cardiovascular	Survived	55.0	67.5	68.5
## 700	Cardiovascular	Survived	61.0	102.0	72.0
## 701	Respiratory	Survived	72.5	88.0	86.5
## 702	Hematological	Survived	45.0	109.0	86.0
## 703	Cardiovascular	Survived	50.5	97.5	71.0
## 704	Cardiovascular	Survived	54.0	85.5	72.5
## 705	Neurological	Survived	78.0	85.0	100.5
## 706	Neurological	Survived	91.5	108.5	100.5
## 707	Metabolic	Survived	72.0	75.0	84.5
## 708	Metabolic	Survived	83.0	86.5	94.5
## 709	Metabolic	Survived	56.5	108.0	68.5
## 710	Cardiovascular	Survived	51.5	85.0	77.0
## 711	Cardiovascular	Survived	55.5	49.0	73.0
## 714	Respiratory	Survived	87.0	99.5	94.5
## 715	Neurological	Survived	59.5	80.0	69.0
## 716	Neurological	Survived	79.0	85.0	99.5
## 717	Cardiovascular	Survived	76.5	83.5	96.0
## 718	Sepsis	Survived	63.5	103.0	74.5
## 720	Cardiovascular	Survived	53.0	79.0	82.0
## 722	Neurological	Survived	84.0	79.5	96.0
## 724	Cardiovascular	Survived	60.5	74.0	70.5
## 725	Cardiovascular	Survived	67.5	70.5	85.0
## 727	Neurological	Survived	72.5	95.5	85.5
## 728	Cardiovascular	Survived	89.0	84.0	107.0
## 729	Cardiovascular	Survived	60.0	92.5	80.5
## 732	Cardiovascular	Survived	60.5	77.0	76.5
## 733	Respiratory	Survived	58.0	86.0	73.0
## 734	Gastrointestinal	Survived	67.5	68.0	81.0
## 735	Neurological	Survived	93.0	56.5	107.0
## 736	Cardiovascular	Survived	63.0	84.0	71.5
## 737	Metabolic	Survived	65.5	107.5	72.0
## 741	Metabolic	Survived	81.5	100.5	103.5
## 742	Gastrointestinal	Survived	56.0	102.5	63.5
## 743	Sepsis	Survived	54.5	101.5	64.0
## 744	Genitourinary	Survived	79.5	101.5	90.0
## 745	Cardiovascular	Survived	71.5	100.5	86.5
## 746	Metabolic	Survived	66.0	62.0	79.0
## 747	Metabolic	Survived	76.0	73.5	86.5
## 748	Metabolic	Survived	91.5	76.5	118.0
## 749	Cardiovascular	Survived	51.0	115.5	57.5
## 750	Genitourinary	Survived	64.0	66.5	77.5
## 751	Gastrointestinal	Survived	67.0	63.0	94.0
## 752	Gastrointestinal	Survived	54.0	72.5	66.5
## 753	Cardiovascular	Survived	76.0	94.5	97.5
## 755	Cardiovascular	Survived	56.5	62.5	70.0
## 757	Cardiovascular	Survived	78.0	112.0	89.0
## 759	Sepsis	Survived	87.5	91.5	100.0
## 760	Cardiovascular	Survived	62.5	69.0	78.0
## 761	Cardiovascular	Survived	90.5	93.0	90.0
## 762	Neurological	Survived	68.5	72.0	104.0
## 763	Cardiovascular	Survived	69.5	82.0	82.0
## 764	Sepsis	Survived	64.0	86.0	82.5
## 765	Metabolic	Survived	68.0	110.0	75.5
## 766	Metabolic	Survived	66.5	64.0	79.5

## 768	Sepsis	Survived	68.5	111.5	74.5
## 769	Hematological	Survived	55.5	48.0	80.0
## 770	Cardiovascular	Survived	47.0	79.5	63.0
## 774	Gastrointestinal	Survived	53.5	91.0	61.0
## 775	Genitourinary	Survived	82.5	88.0	104.5
## 776	Metabolic	Survived	85.0	89.0	96.5
## 777	Metabolic	Survived	57.0	66.5	74.5
## 778	Trauma	Survived	58.0	77.5	71.5
## 779	Sepsis	Survived	71.5	120.5	75.5
## 780	Cardiovascular	Survived	52.5	79.5	73.5
## 782	Neurological	Survived	61.0	64.0	68.0
## 783	Neurological	Survived	65.0	61.0	74.5
## 784	Cardiovascular	Survived	59.5	81.0	69.0
## 785	Sepsis	Survived	63.0	91.0	79.5
## 786	Cardiovascular	Survived	61.0	96.0	78.5
## 788	Neurological	Survived	61.5	96.0	74.5
## 789	Respiratory	Survived	73.0	82.0	83.5
## 790	Cardiovascular	Survived	67.0	79.5	76.5
## 791	Sepsis	Survived	77.0	128.0	88.0
## 792	Metabolic	Survived	75.5	85.5	91.0
## 793	Respiratory	Survived	75.0	90.5	83.0
## 794	Neurological	Survived	91.5	81.0	107.5
## 795	Respiratory	Survived	77.5	91.5	85.5
## 796	Cardiovascular	Survived	64.5	57.5	79.0
## 797	Cardiovascular	Survived	77.0	60.5	113.0
## 799	Metabolic	Survived	54.5	53.0	72.5
## 801	Sepsis	Survived	64.0	85.0	86.5
## 803	Cardiovascular	Survived	90.0	90.5	103.0
## 804	Respiratory	Survived	77.5	85.5	86.0
## 805	Cardiovascular	Survived	68.0	76.0	68.0
## 806	Cardiovascular	Survived	69.0	61.5	87.0
## 807	Cardiovascular	Survived	62.5	101.0	85.5
## 808	Neurological	Survived	97.0	82.0	107.0
## 809	Gastrointestinal	Survived	78.5	98.5	84.5
## 810	Gastrointestinal	Survived	61.5	78.0	69.0
## 811	Gynecological	Survived	61.5	91.5	68.5
## 812	Trauma	Survived	80.5	80.0	96.5
## 814	Cardiovascular	Survived	64.5	59.0	95.5
## 815	Cardiovascular	Survived	73.0	84.0	96.0
## 816	Neurological	Survived	82.5	108.0	92.0
## 817	Cardiovascular	Survived	78.5	72.5	90.0
## 819	Metabolic	Survived	92.5	84.5	101.5
## 820	Sepsis	Survived	73.0	88.0	98.0
## 821	Trauma	Survived	63.0	72.5	94.5
## 822	Neurological	Survived	78.5	71.5	87.0
## 823	Cardiovascular	Survived	82.0	95.0	89.0
## 824	Cardiovascular	Survived	78.0	84.0	88.5
## 825	Sepsis	Survived	72.5	91.5	91.0
## 826	Neurological	Survived	75.0	101.0	83.0
## 827	Metabolic	Survived	64.0	106.0	71.5
## 828	Sepsis	Survived	55.5	111.0	77.5
## 829	Cardiovascular	Survived	53.0	73.5	63.0
## 830	Cardiovascular	Survived	68.5	61.5	91.5
## 831	Cardiovascular	Survived	48.5	104.5	67.5

## 835	Cardiovascular	Survived	53.5	77.5	70.5
## 836	Sepsis	Survived	60.0	118.5	73.5
## 837	Sepsis	Survived	63.0	85.5	73.5
## 838	Cardiovascular	Survived	70.0	70.5	78.0
## 839	Gastrointestinal	Survived	77.0	78.0	95.5
## 840	Cardiovascular	Survived	72.5	77.5	94.0
## 841	Cardiovascular	Survived	47.0	79.0	81.0
## 842	Metabolic	Survived	106.5	80.0	114.0
## 843	Metabolic	Survived	67.5	84.0	78.0
## 844	Neurological	Survived	100.5	71.0	122.5
## 845	Cardiovascular	Survived	88.5	80.0	141.0
## 847	Cardiovascular	Survived	68.0	74.5	81.0
## 849	Cardiovascular	Survived	73.0	81.5	83.5
## 850	Metabolic	Survived	57.0	95.5	68.0
## 851	Sepsis	Survived	60.0	77.0	93.0
## 854	Gastrointestinal	Survived	91.0	72.0	96.0
## 855	Neurological	Survived	51.5	79.5	69.0
## 856	Cardiovascular	Survived	81.0	70.5	91.5
## 857	Respiratory	Survived	49.0	95.5	77.0
## 858	Cardiovascular	Survived	58.0	79.0	65.0
## 859	Sepsis	Survived	74.5	88.0	80.5
## 861	Cardiovascular	Survived	74.0	66.0	92.0
## 862	Gastrointestinal	Survived	86.0	84.5	108.0
## 863	Cardiovascular	Survived	76.5	76.5	85.0
## 864	Cardiovascular	Survived	82.0	69.0	109.5
## 865	Sepsis	Survived	71.5	90.5	84.5
## 867	Gastrointestinal	Survived	82.5	90.0	114.5
## 869	Cardiovascular	Survived	104.0	99.5	124.5
## 870	Cardiovascular	Survived	75.0	77.0	96.5
## 874	Cardiovascular	Survived	71.5	76.5	78.5
## 875	Cardiovascular	Survived	63.0	77.0	68.0
## 876	Cardiovascular	Survived	59.0	72.0	69.0
## 877	Cardiovascular	Survived	50.5	73.0	66.5
## 878	Cardiovascular	Survived	86.5	73.5	102.5
## 879	Cardiovascular	Survived	68.0	65.5	79.0
## 880	Gastrointestinal	Survived	67.5	82.0	106.5
## 881	Trauma	Survived	61.0	121.5	73.0
## 882	Cardiovascular	Survived	74.5	98.5	86.0
## 883	Cardiovascular	Survived	68.0	99.5	80.5
## 884	Neurological	Survived	59.0	82.0	74.0
## 885	Neurological	Survived	51.5	61.0	61.0
## 887	Trauma	Survived	65.5	65.5	85.0
## 888	Respiratory	Survived	72.0	79.5	82.5
## 889	Gastrointestinal	Survived	62.0	60.0	69.0
## 890	Sepsis	Survived	75.0	118.0	88.5
## 892	Cardiovascular	Survived	71.0	74.0	78.5
## 893	Cardiovascular	Survived	67.0	97.5	83.5
## 894	Metabolic	Survived	78.0	69.5	83.0
## 895	Neurological	Survived	66.0	82.5	77.0
## 896	Respiratory	Survived	83.0	74.0	122.0
## 897	Cardiovascular	Survived	63.5	76.0	89.0
## 898	Neurological	Survived	66.5	84.5	88.0
## 901	Genitourinary	Survived	63.5	89.0	74.0
## 902	Neurological	Survived	59.5	109.5	68.0

## 904	Metabolic	Survived	70.0	66.0	86.0
## 906	Neurological	Survived	67.0	108.5	77.5
## 907	Respiratory	Survived	91.5	104.5	102.0
## 908	Cardiovascular	Survived	79.5	63.5	103.0
## 909	Cardiovascular	Survived	72.0	66.5	97.5
## 910	Cardiovascular	Survived	55.0	62.0	80.5
## 911	Cardiovascular	Survived	63.5	85.0	93.5
## 912	Gastrointestinal	Survived	72.5	91.5	83.0
## 913	Cardiovascular	Survived	70.5	97.0	78.5
## 914	Cardiovascular	Survived	72.5	117.0	78.5
## 915	Gastrointestinal	Survived	58.0	79.0	80.0
## 916	Cardiovascular	Survived	58.5	80.5	99.0
## 917	Metabolic	Survived	65.5	94.5	90.0
## 920	Gastrointestinal	Survived	68.0	63.5	80.0
## 921	Gastrointestinal	Survived	99.0	94.5	113.0
## 922	Neurological	Survived	83.0	61.0	96.0
## 923	Respiratory	Survived	80.5	87.0	87.0
## 924	Sepsis	Survived	71.0	90.0	79.0
## 925	Cardiovascular	Survived	56.5	83.5	70.5
## 926	Gastrointestinal	Survived	62.0	78.0	74.0
## 927	Sepsis	Survived	86.5	100.0	104.5
## 928	Metabolic	Survived	117.0	113.5	124.5
## 929	Metabolic	Survived	73.5	81.0	79.5
## 930	Gastrointestinal	Survived	78.0	105.5	83.0
## 931	Respiratory	Survived	94.0	84.0	99.5
## 933	Genitourinary	Survived	76.5	103.0	88.5
## 934	Respiratory	Survived	91.0	121.5	109.5
## 935	Sepsis	Survived	55.0	94.5	70.5
## 936	Genitourinary	Survived	66.5	122.5	94.0
## 937	Metabolic	Survived	67.0	81.0	73.5
## 938	Metabolic	Survived	60.0	86.0	70.5
## 939	Sepsis	Survived	59.5	76.5	73.0
## 940	Neurological	Survived	67.5	73.5	86.0
## 942	Musculoskeletal/Skin	Survived	52.0	110.0	58.5
## 944	Cardiovascular	Survived	83.5	85.0	91.5
## 945	Sepsis	Survived	63.0	95.5	76.0
## 946	Neurological	Survived	74.0	65.0	85.5
## 947	Cardiovascular	Survived	61.5	86.0	90.5
## 948	Gastrointestinal	Survived	74.0	89.0	97.0
## 949	Sepsis	Survived	72.5	115.5	82.0
## 950	Neurological	Survived	116.5	80.0	134.0
## 951	Cardiovascular	Survived	76.5	74.0	95.0
## 953	Cardiovascular	Survived	69.5	73.5	77.5
## 956	Sepsis	Survived	65.0	74.0	91.5
## 958	Neurological	Survived	80.5	79.5	97.0
## 959	Cardiovascular	Survived	57.0	92.0	79.5
## 960	Neurological	Survived	78.0	68.0	88.5
## 961	Cardiovascular	Survived	65.0	88.0	75.0
## 962	Sepsis	Survived	55.0	93.0	68.0
## 964	Sepsis	Survived	81.0	115.0	88.0
## 965	Respiratory	Survived	51.0	80.0	68.0
## 966	Metabolic	Survived	66.0	134.5	79.5
## 967	Cardiovascular	Survived	107.0	85.5	127.5
## 968	Metabolic	Survived	56.5	83.0	66.5



## 969	Gastrointestinal	Survived	53.0	66.5	69.5
## 970	Sepsis	Survived	61.0	83.0	76.5
## 972	Genitourinary	Survived	46.5	67.0	67.5
## 973	Neurological	Survived	89.5	108.5	110.0
## 974	Metabolic	Survived	93.0	111.0	97.5
## 975	Neurological	Survived	70.0	55.0	83.5
## 976	Sepsis	Survived	68.5	70.5	97.5
## 977	Cardiovascular	Survived	70.0	70.0	83.0
## 978	Cardiovascular	Survived	51.0	94.5	68.0
## 980	Neurological	Survived	67.0	79.0	89.5
## 981	Gastrointestinal	Survived	59.5	110.0	67.0
## 983	Sepsis	Survived	77.5	117.0	97.5
## 984	Neurological	Survived	78.0	70.0	114.5
## 986	Cardiovascular	Survived	64.0	89.0	81.5
## 987	Cardiovascular	Survived	80.5	66.5	106.5
## 989	Respiratory	Survived	65.5	66.5	72.5
## 990	Gastrointestinal	Survived	65.0	79.5	84.0
## 991	Gastrointestinal	Survived	68.0	84.5	83.0
## 992	Cardiovascular	Survived	49.5	92.5	58.5
## 994	Neurological	Survived	77.5	118.0	84.5
## 995	Trauma	Survived	72.5	80.0	89.5
## 996	Metabolic	Survived	118.0	106.5	123.5
## 997	Trauma	Survived	68.5	69.0	88.0
## 998	Neurological	Survived	66.5	63.0	80.0
## 1000	Gastrointestinal	Survived	65.5	79.0	81.5
## 1002	Metabolic	Survived	83.5	98.5	110.0
## 1003	Cardiovascular	Survived	70.5	89.5	86.5
## 1004	Respiratory	Survived	57.5	102.0	74.0
## 1005	Cardiovascular	Survived	63.0	102.5	72.0
## 1006	Neurological	Survived	64.5	67.0	84.5
## 1007	Respiratory	Survived	93.0	120.0	107.5
## 1008	Sepsis	Survived	50.5	78.5	66.0
## 1011	Gastrointestinal	Survived	86.5	73.5	97.0
## 1013	Cardiovascular	Survived	64.0	86.0	68.0
## 1014	Respiratory	Survived	61.5	73.0	64.0
## 1015	Cardiovascular	Survived	80.0	75.5	90.0
## 1016	Metabolic	Survived	84.0	81.5	94.0
## 1017	Cardiovascular	Survived	65.0	81.5	75.0
## 1018	Metabolic	Survived	91.0	85.0	102.0
## 1019	Genitourinary	Survived	77.0	78.5	93.0
## 1021	Cardiovascular	Survived	57.0	85.0	68.0
## 1022	Sepsis	Survived	49.5	63.0	73.0
## 1023	Respiratory	Survived	82.0	81.0	91.5
## 1025	Cardiovascular	Survived	49.0	75.0	68.5
## 1026	Gastrointestinal	Survived	67.5	69.5	96.5
## 1028	Respiratory	Survived	67.5	68.0	76.0
## 1029	Cardiovascular	Survived	90.5	78.0	102.0
## 1030	Cardiovascular	Survived	50.5	57.0	63.5
## 1031	Neurological	Survived	75.0	82.0	88.0
## 1032	Neurological	Survived	80.0	81.5	97.0
## 1033	Cardiovascular	Survived	68.5	95.5	83.5
## 1035	Neurological	Survived	59.5	67.5	74.5
## 1036	Cardiovascular	Survived	76.0	70.0	81.5
## 1037	Cardiovascular	Survived	69.5	72.0	86.5

## 1038	Respiratory	Survived	83.0	86.5	96.5
## 1040	Respiratory	Survived	72.5	96.5	87.0
## 1042	Genitourinary	Survived	81.0	77.0	103.0
## 1043	Cardiovascular	Survived	92.5	69.5	104.0
## 1044	Cardiovascular	Survived	76.0	90.5	100.5
## 1046	Cardiovascular	Survived	69.0	105.5	80.0
## 1047	Gastrointestinal	Survived	78.0	71.0	99.5
## 1048	Cardiovascular	Survived	50.0	77.0	69.0
## 1049	Cardiovascular	Survived	90.0	91.0	110.0
## 1050	Metabolic	Survived	95.5	80.5	105.5
## 1051	Trauma	Survived	63.5	95.0	75.0
## 1053	Gastrointestinal	Survived	79.5	117.0	94.0
## 1054	Sepsis	Survived	79.0	120.5	97.5
## 1055	Genitourinary	Survived	71.0	118.0	89.0
## 1056	Neurological	Survived	60.0	67.0	83.0
## 1057	Cardiovascular	Survived	79.0	70.0	94.0
## 1059	Cardiovascular	Survived	55.0	75.0	76.5
## 1060	Cardiovascular	Survived	55.0	79.0	73.5
## 1061	Respiratory	Survived	76.0	94.5	82.5
## 1062	Cardiovascular	Survived	55.0	70.0	75.0
## 1063	Cardiovascular	Survived	69.5	67.0	95.5
## 1064	Metabolic	Survived	84.5	125.5	92.5
## 1065	Genitourinary	Survived	59.0	83.0	75.5
## 1068	Trauma	Survived	82.5	96.5	115.5
## 1069	Trauma	Survived	70.5	75.5	94.0
## 1070	Respiratory	Survived	96.5	87.0	112.0
## 1071	Respiratory	Survived	69.0	90.5	80.5
## 1072	Trauma	Survived	78.5	93.0	88.0
## 1073	Cardiovascular	Survived	52.5	98.0	66.0
## 1074	Metabolic	Survived	70.5	75.0	85.0
## 1075	Neurological	Survived	80.5	97.0	95.5
## 1076	Cardiovascular	Survived	66.0	66.5	84.0
## 1077	Cardiovascular	Survived	54.0	88.0	76.0
## 1078	Sepsis	Survived	59.0	111.0	64.5
## 1079	Genitourinary	Survived	64.0	66.5	77.5
## 1080	Cardiovascular	Survived	87.0	102.0	94.0
## 1081	Cardiovascular	Survived	93.0	81.5	103.0
## 1084	Metabolic	Survived	72.0	104.0	93.0
## 1085	Cardiovascular	Survived	57.5	88.0	80.5
## 1086	Sepsis	Survived	58.0	100.5	70.5
## 1087	Neurological	Survived	78.5	66.5	90.0
## 1088	Sepsis	Survived	74.5	72.0	82.5
## 1089	Sepsis	Survived	57.5	106.0	73.5
## 1090	Metabolic	Survived	61.5	105.0	71.5
## 1091	Gastrointestinal	Survived	67.0	95.0	74.5
## 1092	Cardiovascular	Survived	62.5	83.5	111.5
## 1093	Neurological	Survived	91.0	89.0	122.0
## 1094	Neurological	Survived	50.5	74.5	61.5
## 1095	Trauma	Survived	76.5	82.0	86.0
## 1096	Neurological	Survived	85.5	59.5	98.0
## 1097	Cardiovascular	Survived	89.5	68.5	118.0
## 1099	Cardiovascular	Survived	81.0	54.0	95.5
## 1100	Cardiovascular	Survived	83.5	66.0	112.0
## 1101	Trauma	Survived	91.0	92.5	101.0

## 1102	Musculoskeletal/Skin	Survived	60.5	58.5	63.0
## 1103	Cardiovascular	Survived	67.5	80.5	99.0
## 1104	Cardiovascular	Survived	103.0	60.0	104.0
## 1105	Cardiovascular	Survived	51.5	85.0	61.0
## 1106	Gastrointestinal	Survived	69.5	71.0	88.0
## 1107	Cardiovascular	Survived	80.0	66.5	95.0
## 1108	Sepsis	Survived	49.5	129.0	58.5
## 1109	Neurological	Survived	65.5	69.5	67.0
## 1110	Cardiovascular	Survived	57.5	92.0	67.5
## 1111	Sepsis	Survived	63.0	115.5	73.5
## 1112	Sepsis	Survived	79.5	113.0	87.0
## 1113	Sepsis	Survived	72.0	90.5	82.0
## 1115	Trauma	Survived	58.5	118.0	72.5
## 1118	Trauma	Survived	53.0	61.5	64.0
## 1119	Cardiovascular	Survived	75.5	82.5	94.0
## 1120	Cardiovascular	Survived	83.0	99.0	100.5
## 1121	Gastrointestinal	Survived	57.0	52.0	77.5
## 1122	Metabolic	Survived	52.0	85.5	90.5
## 1123	Sepsis	Survived	73.0	101.0	83.5
## 1125	Neurological	Survived	79.5	76.5	92.0
## 1126	Cardiovascular	Survived	55.5	90.5	67.0
## 1127	Sepsis	Survived	73.0	70.0	93.0
## 1128	Metabolic	Survived	71.0	93.5	81.5
## 1129	Neurological	Survived	82.0	81.0	92.0
## 1130	Sepsis	Survived	61.5	122.0	72.5
## 1132	Respiratory	Survived	51.5	89.0	103.0
## 1133	Respiratory	Survived	62.0	70.0	80.0
## 1134	Neurological	Survived	56.5	77.0	74.5
## 1135	Respiratory	Survived	91.0	87.5	99.0
## 1136	Trauma	Survived	78.5	97.0	101.0
## 1138	Cardiovascular	Survived	60.5	102.0	69.0
## 1139	Cardiovascular	Survived	71.5	75.5	81.5
## 1141	Respiratory	Survived	60.0	101.0	71.5
## 1142	Sepsis	Survived	43.0	88.5	60.5
## 1143	Neurological	Survived	72.5	79.5	85.5
## 1145	Cardiovascular	Survived	54.0	92.5	67.5
## 1146	Sepsis	Survived	71.0	69.5	79.0
## 1147	Cardiovascular	Survived	62.5	65.0	72.0
## 1148	Gastrointestinal	Survived	65.5	69.0	90.5
## 1149	Neurological	Survived	68.5	66.5	95.5
## 1150	Musculoskeletal/Skin	Survived	64.5	92.5	84.0
## 1151	Cardiovascular	Survived	52.0	85.0	58.5
## 1152	Cardiovascular	Survived	61.5	62.5	89.0
## 1153	Cardiovascular	Survived	45.5	87.5	66.0
## 1154	Cardiovascular	Survived	59.0	93.5	86.5
## 1155	Metabolic	Survived	71.5	59.0	93.5
## 1156	Cardiovascular	Survived	58.0	78.5	76.0
## 1157	Cardiovascular	Survived	61.5	107.0	93.0
## 1158	Cardiovascular	Survived	74.0	124.0	81.0
## 1159	Sepsis	Survived	59.5	73.5	80.5
## 1160	Metabolic	Survived	70.5	72.0	82.0
## 1161	Neurological	Survived	79.5	100.5	97.0
## 1163	Sepsis	Survived	62.0	73.5	88.0
## 1164	Cardiovascular	Survived	51.5	101.0	67.5

## 1165	Cardiovascular	Survived	61.0	82.0	82.5
## 1167	Metabolic	Survived	65.5	81.0	83.5
## 1168	Neurological	Survived	105.0	89.0	105.5
## 1169	Cardiovascular	Survived	81.0	75.0	103.5
## 1170	Cardiovascular	Survived	77.5	74.0	91.0
## 1171	Cardiovascular	Survived	54.5	62.0	78.5
## 1172	Sepsis	Survived	78.0	104.0	87.0
## 1173	Gastrointestinal	Survived	67.0	118.5	74.5
## 1174	Cardiovascular	Survived	77.5	56.5	98.0
## 1177	Respiratory	Survived	63.0	109.0	73.5
## 1178	Neurological	Survived	78.5	73.5	91.0
## 1179	Metabolic	Survived	64.0	114.0	80.5
## 1180	Sepsis	Survived	50.5	73.0	62.5
## 1181	Trauma	Survived	68.0	68.0	94.0
## 1182	Respiratory	Survived	60.0	74.0	91.0
## 1183	Metabolic	Survived	75.5	85.5	95.5
## 1185	Cardiovascular	Survived	68.0	80.5	81.0
## 1186	Genitourinary	Survived	45.5	135.0	59.0
## 1188	Neurological	Survived	61.5	82.0	67.5
## 1189	Cardiovascular	Survived	71.0	76.0	92.5
## 1190	Cardiovascular	Survived	66.0	110.0	78.5
## 1191	Cardiovascular	Survived	67.0	64.0	75.5
## 1192	Respiratory	Survived	77.5	76.0	107.5
## 1193	Neurological	Survived	48.0	93.0	69.5
## 1194	Metabolic	Survived	62.0	63.5	71.5
## 1195	Genitourinary	Survived	94.0	128.0	113.0
## 1196	Metabolic	Survived	49.0	112.5	60.5
## 1197	Cardiovascular	Survived	85.5	91.5	95.5
## 1198	Cardiovascular	Survived	70.0	103.5	80.0
## 1199	Cardiovascular	Survived	63.5	82.0	74.0
## 1200	Cardiovascular	Survived	60.0	80.0	113.0
## 1201	Sepsis	Survived	75.5	102.5	85.0
## 1202	Cardiovascular	Survived	64.5	80.5	72.5
## 1203	Respiratory	Survived	58.5	81.5	70.0
## 1204	Cardiovascular	Survived	63.0	74.5	68.5
## 1205	Gastrointestinal	Survived	57.0	74.0	83.5
## 1207	Gastrointestinal	Survived	62.0	80.0	89.5
## 1209	Cardiovascular	Survived	84.5	89.0	108.5
## 1210	Neurological	Survived	66.0	102.5	74.0
## 1211	Respiratory	Survived	62.5	119.5	72.0
## 1212	Neurological	Survived	67.5	73.0	91.0
## 1214	Metabolic	Survived	72.0	116.5	94.0
## 1217	Sepsis	Survived	55.0	92.5	63.0
## 1218	Cardiovascular	Survived	84.5	89.5	103.0
## 1220	Neurological	Survived	52.5	61.5	66.0
## 1221	Respiratory	Survived	64.5	99.5	84.0
## 1223	Gastrointestinal	Survived	67.0	74.5	77.5
## 1224	Musculoskeletal/Skin	Survived	93.0	73.0	118.5
## 1225	Respiratory	Survived	70.0	115.0	82.0
## 1226	Neurological	Survived	83.0	60.0	94.0
## 1227	Neurological	Survived	90.0	59.0	118.5
## 1228	Respiratory	Survived	78.5	84.0	93.0
## 1229	Respiratory	Survived	71.0	87.0	81.5
## 1231	Sepsis	Survived	60.5	103.0	81.0

## 1232	Cardiovascular	Survived	49.5	87.5	64.5
## 1235	Respiratory	Survived	62.5	77.0	71.0
## 1237	Cardiovascular	Survived	67.5	82.0	85.5
## 1238	Musculoskeletal/Skin	Survived	107.0	96.5	124.5
## 1239	Neurological	Survived	91.5	70.0	103.0
## 1240	Metabolic	Survived	84.0	103.5	92.0
## 1242	Gastrointestinal	Survived	67.0	69.0	70.5
## 1243	Neurological	Survived	61.0	67.5	76.0
## 1244	Gastrointestinal	Survived	54.5	82.0	64.0
## 1245	Metabolic	Survived	62.0	104.0	75.0
## 1246	Respiratory	Survived	77.0	82.0	89.5
## 1247	Respiratory	Survived	75.0	88.0	91.0
## 1248	Neurological	Survived	62.5	111.0	74.5
## 1249	Respiratory	Survived	77.0	108.5	86.0
## 1250	Respiratory	Survived	52.0	99.5	65.0
## 1252	Cardiovascular	Survived	66.0	89.5	86.0
## 1253	Neurological	Survived	70.0	82.5	87.5
## 1255	Cardiovascular	Survived	92.5	77.5	113.0
## 1256	Trauma	Survived	77.5	101.5	87.5
## 1258	Metabolic	Survived	80.0	71.5	93.0
## 1259	Cardiovascular	Survived	70.5	103.5	83.0
## 1262	Musculoskeletal/Skin	Survived	74.5	106.0	90.5
## 1265	Cardiovascular	Survived	68.0	94.5	79.5
## 1266	Cardiovascular	Survived	81.0	69.5	91.0
## 1267	Genitourinary	Survived	65.5	74.5	90.5
## 1268	Cardiovascular	Survived	76.5	66.0	96.5
## 1269	Gastrointestinal	Survived	73.5	93.5	95.0
## 1270	Cardiovascular	Survived	86.0	89.0	104.5
## 1271	Sepsis	Survived	57.0	65.0	76.5
## 1272	Gastrointestinal	Survived	62.5	100.5	71.5
## 1273	Cardiovascular	Survived	78.5	90.0	99.5
## 1274	Cardiovascular	Survived	56.0	78.0	91.0
## 1275	Cardiovascular	Survived	84.0	68.0	94.0
## 1276	Respiratory	Survived	71.0	86.5	82.5
## 1277	Sepsis	Survived	61.0	79.0	67.5
## 1278	Respiratory	Survived	65.5	75.5	82.5
## 1281	Gastrointestinal	Survived	72.5	104.5	85.5
## 1282	Cardiovascular	Survived	78.5	78.5	86.0
## 1283	Metabolic	Survived	58.0	104.5	66.0
## 1284	Cardiovascular	Survived	83.5	98.0	95.0
## 1285	Sepsis	Survived	64.0	114.0	84.5
## 1286	Cardiovascular	Survived	71.0	80.5	83.0
## 1287	Cardiovascular	Survived	66.5	77.5	80.5
## 1288	Sepsis	Survived	78.0	78.5	90.5
## 1289	Genitourinary	Survived	84.0	73.0	108.5
## 1290	Neurological	Survived	76.5	105.0	130.5
## 1291	Cardiovascular	Survived	74.5	98.0	101.5
## 1292	Cardiovascular	Survived	69.5	59.5	79.5
## 1293	Cardiovascular	Survived	75.5	68.0	86.5
## 1295	Respiratory	Survived	47.0	76.0	59.0
## 1297	Respiratory	Survived	61.0	90.0	70.5
## 1298	Respiratory	Survived	80.5	93.5	95.5
## 1299	Sepsis	Survived	62.5	114.0	76.0
## 1300	Cardiovascular	Survived	69.0	95.5	98.0

## 1301	Cardiovascular	Survived	78.5	72.0	87.5
## 1303	Neurological	Survived	84.0	92.0	88.5
## 1304	Respiratory	Survived	91.5	115.0	99.0
## 1305	Gastrointestinal	Survived	65.5	95.5	73.0
## 1307	Respiratory	Survived	72.0	89.0	108.0
## 1308	Neurological	Survived	75.5	71.0	91.5
## 1309	Cardiovascular	Survived	76.0	70.0	88.0
## 1310	Gastrointestinal	Survived	104.0	100.5	114.5
## 1311	Cardiovascular	Survived	72.0	57.0	98.0
## 1312	Cardiovascular	Survived	51.0	81.0	72.0
## 1314	Neurological	Survived	78.5	81.0	85.0
## 1315	Sepsis	Survived	65.5	107.5	80.5
## 1316	Respiratory	Survived	85.5	63.0	116.0
## 1317	Cardiovascular	Survived	72.5	75.0	93.0
## 1319	Respiratory	Survived	86.5	66.0	98.0
## 1320	Neurological	Survived	90.0	81.5	97.5
## 1321	Metabolic	Survived	93.0	100.0	106.0
## 1322	Cardiovascular	Survived	71.0	90.0	99.5
## 1323	Trauma	Survived	64.0	89.0	82.5
## 1324	Cardiovascular	Survived	78.0	71.5	96.0
## 1325	Cardiovascular	Survived	66.0	90.0	81.5
## 1326	Gastrointestinal	Survived	67.0	96.5	75.0
## 1327	Gastrointestinal	Survived	47.0	118.0	61.0
## 1328	Neurological	Survived	78.5	68.0	93.0
## 1329	Metabolic	Survived	69.5	81.0	83.5
## 1330	Genitourinary	Survived	91.5	84.5	102.5
## 1331	Neurological	Survived	74.0	92.5	90.5
## 1332	Respiratory	Survived	89.0	93.5	101.0
## 1333	Gastrointestinal	Survived	73.0	103.5	84.5
## 1334	Cardiovascular	Survived	66.0	60.0	92.5
## 1335	Cardiovascular	Survived	72.0	88.0	78.0
## 1336	Hematological	Survived	59.0	76.5	69.0
## 1338	Sepsis	Survived	84.5	68.5	94.5
## 1339	Cardiovascular	Survived	72.5	73.5	104.0
## 1340	Sepsis	Survived	54.0	100.0	70.0
## 1342	Metabolic	Survived	63.0	80.5	78.5
## 1343	Cardiovascular	Survived	54.0	96.0	77.5
## 1344	Respiratory	Survived	72.0	98.0	87.0
## 1345	Metabolic	Survived	81.0	65.0	99.0
## 1347	Gastrointestinal	Survived	81.5	103.5	107.0
## 1348	Cardiovascular	Survived	70.0	68.0	93.0
## 1349	Gastrointestinal	Survived	93.0	60.5	106.5
## 1350	Trauma	Survived	76.0	61.5	92.0
## 1351	Gastrointestinal	Survived	90.0	111.5	99.5
## 1353	Cardiovascular	Survived	74.5	111.5	87.0
## 1354	Respiratory	Survived	72.0	100.5	86.0
## 1355	Neurological	Survived	85.5	97.0	96.5
## 1356	Cardiovascular	Survived	57.0	81.5	70.0
## 1357	Metabolic	Survived	68.0	73.0	78.5
## 1358	Cardiovascular	Survived	78.5	97.5	95.5
## 1359	Sepsis	Survived	71.0	134.0	76.5
## 1360	Cardiovascular	Survived	78.5	81.5	97.5
## 1361	Cardiovascular	Survived	76.0	72.0	109.5
## 1362	Sepsis	Survived	71.0	95.5	86.5

## 1363	Gynecological	Survived	75.5	104.0	88.0
## 1364	Cardiovascular	Survived	73.0	81.0	97.0
## 1366	Respiratory	Survived	82.0	81.0	91.5
## 1367	Cardiovascular	Survived	77.0	96.0	83.0
## 1368	Cardiovascular	Survived	68.0	61.0	74.5
## 1369	Metabolic	Survived	59.0	85.0	66.5
## 1370	Neurological	Survived	81.5	71.0	118.5
## 1371	Cardiovascular	Survived	70.0	68.0	80.0
## 1373	Respiratory	Survived	66.0	80.0	75.0
## 1375	Sepsis	Survived	85.0	83.5	101.5
## 1377	Cardiovascular	Survived	73.0	69.0	89.0
## 1378	Metabolic	Survived	96.0	77.0	105.0
## 1379	Genitourinary	Survived	55.5	84.0	69.5
## 1380	Cardiovascular	Survived	89.5	113.5	103.0
## 1381	Metabolic	Survived	65.0	57.0	83.0
## 1383	Neurological	Survived	76.5	76.5	91.5
## 1385	Sepsis	Survived	66.5	71.5	71.5
## 1386	Neurological	Survived	63.0	75.5	83.5
## 1388	Sepsis	Survived	58.5	93.0	74.5
## 1389	Metabolic	Survived	77.5	78.0	103.5
## 1390	Musculoskeletal/Skin	Survived	60.5	109.0	73.0
## 1391	Metabolic	Survived	64.0	73.5	82.0
## 1392	Cardiovascular	Survived	55.0	88.5	60.5
## 1394	Respiratory	Survived	70.5	76.5	86.5
## 1395	Cardiovascular	Survived	48.5	84.5	64.5
## 1396	Gastrointestinal	Survived	74.5	117.0	83.5
## 1397	Cardiovascular	Survived	58.5	47.0	74.5
## 1398	Cardiovascular	Survived	49.0	86.5	58.0
## 1400	Cardiovascular	Survived	80.0	88.0	111.0
## 1401	Respiratory	Survived	54.5	109.5	86.0
## 1402	Cardiovascular	Survived	52.0	91.5	63.0
## 1405	Cardiovascular	Survived	75.5	97.5	85.5
## 1407	Gastrointestinal	Survived	79.5	109.0	93.0
## 1408	Cardiovascular	Survived	69.0	60.0	99.0
## 1409	Gastrointestinal	Survived	59.0	100.5	79.0
## 1410	Cardiovascular	Survived	65.0	75.5	86.5
## 1411	Sepsis	Survived	94.5	89.0	118.0
## 1412	Metabolic	Survived	46.0	85.5	67.0
## 1413	Respiratory	Survived	46.5	70.0	64.0
## 1414	Neurological	Survived	63.5	81.0	74.5
## 1415	Metabolic	Survived	63.5	69.5	84.5
## 1417	Neurological	Survived	68.5	80.0	75.5
## 1418	Gastrointestinal	Survived	64.5	86.0	85.0
## 1419	Cardiovascular	Survived	105.0	82.0	115.5
## 1420	Sepsis	Survived	58.5	73.0	61.0
## 1422	Genitourinary	Survived	57.5	65.5	62.0
## 1424	Respiratory	Survived	71.0	85.5	78.0
## 1425	Cardiovascular	Survived	74.5	68.5	92.0
## 1426	Neurological	Survived	65.0	70.0	100.0
## 1427	Neurological	Survived	70.0	75.0	115.5
## 1428	Metabolic	Survived	71.0	83.0	84.0
## 1429	Cardiovascular	Survived	87.0	102.5	95.5
## 1430	Respiratory	Survived	60.5	66.5	72.5
## 1431	Respiratory	Survived	69.5	102.0	75.5

## 1433	Respiratory	Survived	72.0	77.0	81.5
## 1434	Sepsis	Survived	55.5	91.0	75.5
## 1435	Sepsis	Survived	67.0	120.5	84.0
## 1436	Sepsis	Survived	77.0	87.0	86.0
## 1437	Cardiovascular	Survived	57.5	68.0	71.5
## 1440	Gastrointestinal	Survived	81.5	88.5	97.5
## 1441	Cardiovascular	Survived	51.0	74.5	65.5
## 1442	Cardiovascular	Survived	68.5	97.5	77.5
## 1443	Gastrointestinal	Survived	50.5	92.5	63.5
## 1446	Metabolic	Survived	86.5	100.5	103.5
## 1447	Cardiovascular	Survived	68.5	60.5	85.0
## 1448	Respiratory	Survived	54.0	91.5	62.0
## 1449	Gastrointestinal	Survived	48.0	95.0	59.0
## 1450	Sepsis	Survived	73.0	106.5	88.5
## 1451	Respiratory	Survived	66.0	71.0	79.5
## 1452	Respiratory	Survived	82.0	99.5	90.5
## 1453	Cardiovascular	Survived	77.5	54.5	88.0
## 1454	Cardiovascular	Survived	65.0	74.0	77.0
## 1455	Neurological	Survived	77.5	118.0	84.5
## 1456	Respiratory	Survived	85.0	123.5	94.0
## 1457	Gastrointestinal	Survived	63.5	107.0	73.5
## 1458	Trauma	Survived	62.5	101.5	88.0
## 1459	Cardiovascular	Survived	67.5	69.5	71.5
## 1460	Metabolic	Survived	64.0	89.5	75.0
## 1466	Gastrointestinal	Survived	53.0	87.0	65.5
## 1467	Metabolic	Survived	82.0	92.5	89.0
## 1468	Cardiovascular	Survived	70.5	66.5	93.0
## 1469	Sepsis	Survived	77.5	105.5	86.0
## 1470	Respiratory	Survived	68.0	78.5	85.5
## 1471	Metabolic	Survived	85.0	68.5	100.0
## 1472	Cardiovascular	Survived	65.0	113.0	89.0
## 1475	Cardiovascular	Survived	86.0	63.0	102.0
## 1476	Neurological	Survived	80.0	75.0	95.0
## 1477	Respiratory	Survived	75.5	72.5	82.0
## 1478	Cardiovascular	Survived	59.0	82.0	97.5
## 1479	Cardiovascular	Survived	82.0	68.5	105.5
## 1480	Metabolic	Survived	72.5	68.5	94.5
## 1481	Respiratory	Survived	80.0	69.5	101.5
## 1483	Respiratory	Survived	79.0	95.0	100.0
## 1484	Respiratory	Survived	77.0	73.5	89.0
## 1486	Cardiovascular	Survived	69.5	59.0	87.5
## 1487	Cardiovascular	Survived	58.5	79.0	71.0
## 1488	Respiratory	Survived	72.5	85.0	98.5
## 1489	Neurological	Survived	67.5	57.0	83.5
## 1491	Cardiovascular	Survived	90.0	64.5	108.5
## 1492	Cardiovascular	Survived	83.0	94.0	103.0
## 1494	Neurological	Survived	87.0	56.0	110.0
## 1495	Sepsis	Survived	58.5	91.0	76.0
## 1496	Hematological	Survived	70.5	85.5	88.0
## 1497	Cardiovascular	Survived	73.5	86.5	85.0
## 1498	Cardiovascular	Survived	42.0	76.0	65.0
## 1501	Metabolic	Survived	73.0	89.0	89.0
## 1502	Gastrointestinal	Survived	83.0	86.0	127.5
## 1503	Respiratory	Survived	64.5	134.5	75.0



## 1506	Cardiovascular	Survived	52.5	84.0	66.5
## 1507	Neurological	Survived	49.0	74.5	62.0
## 1509	Sepsis	Survived	56.0	131.0	64.5
## 1510	Neurological	Survived	59.5	71.0	74.5
## 1511	Cardiovascular	Survived	100.0	97.5	121.5
## 1512	Metabolic	Survived	78.5	86.5	91.5
## 1513	Gastrointestinal	Survived	90.5	119.0	98.5
## 1514	Cardiovascular	Survived	67.0	76.0	76.5
## 1515	Sepsis	Survived	60.0	91.5	82.5
## 1516	Genitourinary	Survived	50.0	64.5	62.5
## 1517	Sepsis	Survived	77.0	80.0	96.0
## 1518	Cardiovascular	Survived	81.0	84.0	96.0
## 1519	Cardiovascular	Survived	79.5	93.5	90.5
## 1520	Cardiovascular	Survived	78.5	64.0	96.5
## 1521	Trauma	Survived	73.5	105.0	80.5
## 1522	Sepsis	Survived	50.0	51.0	62.0
## 1523	Cardiovascular	Survived	68.0	79.5	78.5
## 1524	Sepsis	Survived	71.5	78.5	85.5
## 1525	Cardiovascular	Survived	77.5	91.5	89.0
## 1528	Sepsis	Survived	65.0	107.0	73.0
## 1529	Cardiovascular	Survived	69.0	89.5	77.5
## 1530	Respiratory	Survived	61.5	59.0	68.0
## 1532	Cardiovascular	Survived	86.5	88.5	99.0
## 1533	Sepsis	Survived	56.5	79.0	65.5
## 1534	Cardiovascular	Survived	89.0	84.0	109.5
## 1535	Cardiovascular	Survived	57.0	59.5	79.0
## 1536	Metabolic	Survived	64.0	118.5	73.5
## 1537	Genitourinary	Survived	60.5	86.0	79.0
## 1538	Respiratory	Survived	63.0	97.0	71.0
## 1540	Cardiovascular	Survived	62.0	85.5	76.5
## 1542	Respiratory	Survived	89.0	92.5	98.0
## 1543	Respiratory	Survived	72.5	85.5	79.0
## 1544	Musculoskeletal/Skin	Survived	57.0	78.5	81.0
## 1545	Cardiovascular	Survived	72.5	101.0	80.0
## 1546	Cardiovascular	Survived	71.0	75.0	94.0
## 1548	Neurological	Survived	72.5	98.5	85.0
## 1549	Cardiovascular	Survived	81.5	99.0	93.0
## 1550	Neurological	Survived	62.5	101.5	85.5
## 1551	Neurological	Survived	97.5	68.0	110.5
## 1552	Cardiovascular	Survived	74.0	80.0	84.0
## 1553	Cardiovascular	Survived	69.0	77.5	64.0
## 1554	Cardiovascular	Survived	70.5	71.0	95.5
## 1555	Respiratory	Survived	56.5	87.0	65.0
## 1556	Sepsis	Survived	61.5	77.0	74.0
## 1557	Sepsis	Survived	57.0	89.5	68.0
## 1558	Metabolic	Survived	64.5	101.0	77.0
## 1559	Respiratory	Survived	58.5	87.5	82.5
## 1560	Gastrointestinal	Survived	45.5	92.5	51.5
## 1562	Gastrointestinal	Survived	88.5	100.0	96.0
## 1563	Respiratory	Survived	69.5	100.5	84.5
## 1564	Cardiovascular	Survived	68.0	82.0	83.0
## 1565	Neurological	Survived	70.0	56.5	85.5
## 1566	Gastrointestinal	Survived	76.5	106.5	82.5
## 1567	Cardiovascular	Survived	69.5	90.0	92.5

## 1568	Neurological	Survived	86.0	111.5	97.5
## 1569	Sepsis	Survived	74.0	122.5	80.5
## 1570	Hematological	Survived	76.0	103.5	83.5
## 1571	Respiratory	Survived	64.5	84.0	83.5
## 1572	Trauma	Survived	52.5	100.5	82.0
## 1573	Gastrointestinal	Survived	72.0	102.0	93.5
## 1574	Cardiovascular	Survived	67.0	111.5	75.5
## 1575	Gastrointestinal	Survived	60.0	109.5	71.5
## 1576	Cardiovascular	Survived	67.5	64.0	107.0
## 1577	Cardiovascular	Survived	77.5	77.5	99.0
## 1578	Neurological	Survived	83.0	81.0	106.0
## 1579	Gastrointestinal	Survived	82.0	85.5	97.5
## 1580	Neurological	Survived	72.5	64.5	85.0
## 1581	Gastrointestinal	Survived	56.0	88.0	63.0
## 1583	Neurological	Survived	62.0	67.5	75.5
## 1584	Cardiovascular	Survived	64.5	69.5	79.0
## 1585	Cardiovascular	Survived	67.5	73.0	85.0
## 1587	Neurological	Survived	60.5	74.5	71.5
## 1588	Trauma	Survived	53.0	69.0	70.0
## 1589	Neurological	Survived	81.5	78.0	88.0
## 1590	Neurological	Survived	68.5	64.0	86.5
## 1591	Sepsis	Survived	71.0	110.0	89.5
## 1592	Cardiovascular	Survived	71.0	49.0	85.0
## 1594	Cardiovascular	Survived	57.0	84.5	67.0
## 1595	Respiratory	Survived	62.5	91.5	87.0
## 1596	Cardiovascular	Survived	68.5	75.5	87.0
## 1597	Neurological	Survived	77.0	93.5	98.0
## 1598	Neurological	Survived	74.0	97.0	82.5
## 1599	Genitourinary	Survived	90.0	80.0	100.5
## 1601	Cardiovascular	Survived	72.0	97.5	97.5
## 1602	Metabolic	Survived	73.0	74.5	84.0
## 1603	Neurological	Survived	65.0	74.0	80.5
## 1604	Sepsis	Survived	61.0	116.5	84.0
## 1605	Cardiovascular	Survived	79.0	90.0	108.5
## 1606	Cardiovascular	Survived	66.0	94.0	73.5
## 1608	Musculoskeletal/Skin	Survived	67.0	73.5	74.5
## 1609	Trauma	Survived	60.5	80.5	74.0
## 1610	Gastrointestinal	Survived	69.5	97.5	76.5
## 1611	Respiratory	Survived	62.0	76.5	72.0
## 1612	Cardiovascular	Survived	65.0	76.0	76.0
## 1613	Neurological	Survived	77.5	66.5	65.5
## 1614	Respiratory	Survived	68.5	97.0	82.5
## 1615	Cardiovascular	Survived	56.0	85.5	69.0
## 1616	Metabolic	Survived	66.5	68.0	78.0
## 1617	Cardiovascular	Survived	80.5	101.5	90.0
## 1618	Genitourinary	Survived	79.5	67.0	111.0
## 1619	Gastrointestinal	Survived	74.0	81.5	97.0
## 1620	Gastrointestinal	Survived	71.0	78.0	89.5
## 1621	Neurological	Survived	78.5	94.0	88.5
## 1622	Cardiovascular	Survived	72.5	96.0	77.5
## 1623	Trauma	Survived	72.0	107.5	85.0
## 1625	Sepsis	Survived	60.0	96.5	66.5
## 1626	Neurological	Survived	71.0	74.0	78.0
## 1627	Sepsis	Survived	59.0	128.0	83.0

## 1628	Cardiovascular	Survived	69.0	78.5	84.0
## 1630	Neurological	Survived	68.0	76.5	75.5
## 1631	Respiratory	Survived	52.0	78.0	88.5
## 1633	Sepsis	Survived	65.0	102.5	76.0
## 1634	Sepsis	Survived	76.5	97.5	90.5
## 1635	Cardiovascular	Survived	77.5	80.0	92.0
## 1637	Cardiovascular	Survived	56.5	91.0	71.5
## 1638	Cardiovascular	Survived	86.0	54.0	100.5
## 1639	Neurological	Survived	80.5	84.5	93.5
## 1641	Cardiovascular	Survived	66.0	99.5	80.5
## 1642	Cardiovascular	Survived	61.0	73.0	88.0
## 1644	Gastrointestinal	Survived	56.5	82.5	69.5
## 1645	Neurological	Survived	64.0	61.0	71.0
## 1647	Metabolic	Survived	70.0	84.5	83.0
## 1650	Neurological	Survived	60.5	81.0	75.5
## 1652	Cardiovascular	Survived	83.0	99.5	100.5
## 1653	Gastrointestinal	Survived	57.5	121.0	84.0
## 1654	Trauma	Survived	90.5	78.0	101.5
## 1655	Cardiovascular	Survived	74.5	82.5	89.5
## 1656	Neurological	Survived	62.0	58.0	92.0
## 1657	Genitourinary	Survived	73.0	88.0	91.5
## 1659	Cardiovascular	Survived	74.5	58.0	85.5
## 1661	Neurological	Survived	56.0	71.5	87.5
## 1662	Cardiovascular	Survived	71.5	106.5	82.5
## 1663	Trauma	Survived	83.5	115.0	108.5
## 1664	Sepsis	Survived	58.5	87.5	84.5
## 1665	Sepsis	Survived	58.5	98.5	69.0
## 1666	Cardiovascular	Survived	53.0	93.5	66.0
## 1667	Trauma	Survived	74.5	88.0	92.0
## 1668	Cardiovascular	Survived	67.0	75.5	95.5
## 1669	Sepsis	Survived	57.0	98.5	69.0
## 1670	Cardiovascular	Survived	84.0	103.5	100.0
## 1672	Gastrointestinal	Survived	67.5	109.0	91.5
## 1674	Cardiovascular	Survived	66.0	82.0	80.0
## 1675	Metabolic	Survived	82.0	95.0	93.0
## 1676	Neurological	Survived	91.5	100.5	101.0
## 1677	Metabolic	Survived	55.5	74.5	69.0
## 1678	Metabolic	Survived	58.0	81.0	68.0
## 1679	Metabolic	Survived	62.5	81.0	87.0
## 1680	Respiratory	Survived	62.5	64.5	77.0
## 1681	Neurological	Survived	70.5	99.5	76.5
## 1682	Cardiovascular	Survived	54.0	79.0	69.5
## 1683	Neurological	Survived	80.0	87.0	109.5
## 1684	Sepsis	Survived	58.0	57.0	77.0
## 1685	Cardiovascular	Survived	57.5	71.5	80.0
## 1686	Cardiovascular	Survived	82.0	69.0	107.0
## 1687	Gastrointestinal	Survived	91.0	63.5	106.5
## 1688	Neurological	Survived	71.5	85.0	91.0
## 1689	Cardiovascular	Survived	85.5	74.0	96.0
## 1690	Cardiovascular	Survived	75.5	94.0	83.5
## 1691	Neurological	Survived	63.5	64.0	97.5
## 1692	Metabolic	Survived	73.5	71.0	127.0
## 1693	Cardiovascular	Survived	64.5	74.5	74.5
## 1694	Cardiovascular	Survived	72.5	73.0	81.0

## 1695	Gastrointestinal	Survived	60.0	88.5	78.5
## 1696	Cardiovascular	Survived	75.0	90.5	91.0
## 1698	Neurological	Survived	76.5	101.0	84.5
## 1699	Trauma	Survived	61.5	79.5	81.5
## 1700	Metabolic	Survived	73.5	96.0	85.0
## 1701	Neurological	Survived	70.0	87.0	82.5
## 1702	Cardiovascular	Survived	63.0	75.0	73.5
## 1703	Cardiovascular	Survived	66.0	61.0	90.0
## 1704	Trauma	Survived	79.5	71.0	97.0
## 1705	Metabolic	Survived	84.0	119.0	97.0
## 1706	Cardiovascular	Survived	46.5	86.5	67.5
## 1708	Sepsis	Survived	42.0	66.5	50.5
## 1709	Sepsis	Survived	40.0	97.5	71.5
## 1710	Metabolic	Survived	70.0	96.0	86.5
## 1711	Cardiovascular	Survived	82.0	80.5	114.0
## 1712	Trauma	Survived	52.0	72.5	65.0
## 1713	Respiratory	Survived	91.5	64.0	113.0
## 1714	Cardiovascular	Survived	66.5	80.0	74.5
## 1715	Cardiovascular	Survived	69.5	81.5	77.0
## 1716	Neurological	Survived	67.5	59.0	105.0
## 1717	Cardiovascular	Survived	69.5	72.5	78.0
## 1718	Cardiovascular	Survived	64.0	68.5	88.5
## 1719	Cardiovascular	Survived	69.0	81.0	89.0
## 1720	Neurological	Survived	81.0	62.5	100.0
## 1721	Cardiovascular	Survived	100.5	76.5	112.0
## 1722	Cardiovascular	Survived	50.0	79.5	72.0
## 1723	Neurological	Survived	71.5	81.5	79.5
## 1724	Neurological	Survived	58.0	72.5	84.0
## 1725	Respiratory	Survived	72.0	125.0	97.5
## 1726	Cardiovascular	Survived	75.0	53.0	95.5
## 1727	Cardiovascular	Survived	68.5	79.5	76.5
## 1728	Cardiovascular	Survived	64.0	101.0	85.0
## 1729	Neurological	Survived	72.5	71.0	79.5
## 1730	Sepsis	Survived	71.5	111.5	81.0
## 1731	Cardiovascular	Survived	70.0	65.0	70.5
## 1732	Musculoskeletal/Skin	Survived	84.0	71.0	91.0
## 1733	Cardiovascular	Survived	67.0	87.0	81.5
## 1735	Sepsis	Survived	76.0	117.0	92.0
## 1736	Gastrointestinal	Survived	56.0	72.0	71.5
## 1737	Cardiovascular	Survived	49.0	67.5	64.0
## 1738	Neurological	Survived	62.5	77.5	87.5
## 1740	Cardiovascular	Survived	77.5	59.5	105.5
## 1741	Respiratory	Survived	66.5	115.5	76.5
## 1742	Cardiovascular	Survived	66.0	88.5	78.0
## 1743	Cardiovascular	Survived	72.5	79.5	86.0
## 1744	Gastrointestinal	Survived	71.0	78.0	89.5
## 1745	Gastrointestinal	Survived	65.0	95.5	73.0
## 1747	Cardiovascular	Survived	61.0	81.0	77.0
## 1748	Genitourinary	Survived	80.0	81.5	93.0
## 1749	Cardiovascular	Survived	69.5	71.0	77.0
## 1750	Gastrointestinal	Survived	61.5	96.0	75.0
## 1751	Respiratory	Survived	64.5	97.5	75.5
## 1752	Cardiovascular	Survived	68.5	92.0	74.5
## 1753	Cardiovascular	Survived	103.0	59.0	110.5

## 1754	Gastrointestinal	Survived	80.5	111.5	98.0
## 1756	Cardiovascular	Survived	83.0	68.0	97.0
## 1758	Cardiovascular	Survived	63.5	85.0	86.0
## 1759	Neurological	Survived	57.5	69.5	71.5
## 1761	Respiratory	Survived	54.0	74.0	66.5
## 1762	Gastrointestinal	Survived	54.5	96.0	71.5
## 1763	Respiratory	Survived	74.5	110.5	88.5
## 1764	Cardiovascular	Survived	70.0	87.5	84.5
## 1765	Sepsis	Survived	57.5	84.0	65.5
## 1766	Cardiovascular	Survived	57.0	123.0	72.5
## 1768	Trauma	Survived	69.5	82.5	83.5
## 1770	Cardiovascular	Survived	73.5	79.0	98.0
## 1772	Cardiovascular	Survived	64.5	91.0	113.0
## 1773	Respiratory	Survived	66.5	107.5	77.5
## 1774	Respiratory	Survived	77.5	82.0	92.5
## 1775	Sepsis	Survived	76.0	127.5	92.5
## 1776	Neurological	Survived	96.5	87.5	104.5
## 1778	Genitourinary	Survived	64.0	80.5	79.0
## 1779	Metabolic	Survived	73.5	81.0	79.5
## 1781	Trauma	Survived	44.0	77.5	52.5
## 1782	Cardiovascular	Survived	71.5	76.0	89.0
## 1784	Cardiovascular	Survived	58.0	79.0	65.0
## 1785	Sepsis	Survived	55.5	111.5	65.5
## 1786	Neurological	Survived	87.5	68.5	105.0
## 1787	Cardiovascular	Survived	85.0	119.5	94.5
## 1788	Cardiovascular	Survived	56.5	113.5	69.0
## 1789	Cardiovascular	Survived	48.5	96.5	66.5
## 1790	Sepsis	Survived	64.5	83.0	84.5
## 1792	Neurological	Survived	81.5	74.0	105.0
## 1793	Neurological	Survived	81.0	89.0	98.5
## 1794	Cardiovascular	Survived	58.5	83.5	77.5
## 1795	Cardiovascular	Survived	79.0	82.5	86.5
## 1796	Neurological	Survived	77.5	87.0	98.5
## 1798	Cardiovascular	Survived	64.0	71.5	73.0
## 1799	Neurological	Survived	79.0	78.0	90.5
## 1800	Sepsis	Survived	76.0	107.0	90.0
## 1801	Metabolic	Survived	63.5	76.5	85.5
## 1802	Respiratory	Survived	72.0	83.5	82.5
## 1803	Neurological	Survived	89.5	62.0	102.0
## 1804	Metabolic	Survived	84.0	153.5	93.0
## 1805	Cardiovascular	Survived	57.0	100.0	64.5
## 1806	Cardiovascular	Survived	47.5	81.0	69.0
## 1807	Cardiovascular	Survived	76.0	65.0	86.0
## 1808	Cardiovascular	Survived	69.5	72.5	78.0
## 1809	Neurological	Survived	56.0	76.0	72.0
## 1812	Cardiovascular	Survived	67.0	93.5	96.0
## 1813	Respiratory	Survived	66.5	62.5	99.0
## 1814	Neurological	Survived	66.5	60.5	88.5
## 1815	Cardiovascular	Survived	67.5	97.0	95.5
## 1816	Neurological	Survived	60.0	65.5	79.0
## 1817	Neurological	Survived	84.5	87.0	95.0
## 1819	Metabolic	Survived	69.5	116.5	78.5
## 1821	Sepsis	Survived	68.0	88.0	74.5
## 1822	Cardiovascular	Survived	73.0	74.0	98.0

## 1823	Respiratory	Survived	73.0	116.0	89.5
## 1824	Genitourinary	Survived	52.0	108.0	77.0
## 1825	Cardiovascular	Survived	54.0	65.0	63.0
## 1827	Metabolic	Survived	87.5	93.5	100.0
## 1828	Cardiovascular	Survived	76.5	64.5	86.5
## 1829	Genitourinary	Survived	72.5	89.0	91.5
## 1830	Sepsis	Survived	45.5	74.0	61.0
## 1831	Musculoskeletal/Skin	Survived	83.5	101.5	105.0
## 1832	Cardiovascular	Survived	52.5	92.0	67.5
## 1835	Gastrointestinal	Survived	77.0	80.0	83.0
## 1836	Trauma	Survived	68.5	77.5	84.0
## 1837	Cardiovascular	Survived	67.5	109.5	87.0
## 1838	Gastrointestinal	Survived	76.5	89.0	96.0
## 1839	Respiratory	Survived	50.0	90.0	65.5
## 1840	Metabolic	Survived	56.5	86.0	69.5
## 1841	Neurological	Survived	81.5	76.0	92.0
## 1842	Musculoskeletal/Skin	Survived	55.0	65.0	76.0
## 1843	Metabolic	Survived	82.0	69.0	105.5
## 1844	Sepsis	Survived	62.5	105.5	73.0
## 1845	Cardiovascular	Survived	69.0	80.5	79.5
## 1846	Respiratory	Survived	75.0	118.5	90.0
## 1847	Gastrointestinal	Survived	58.5	89.0	75.0
## 1848	Cardiovascular	Survived	79.5	97.0	103.0
## 1849	Metabolic	Survived	68.5	54.0	91.5
## 1850	Cardiovascular	Survived	58.0	78.0	76.0
## 1851	Cardiovascular	Survived	67.0	84.5	96.0
## 1852	Respiratory	Survived	99.0	86.0	111.0
## 1853	Trauma	Survived	68.0	77.5	84.0
## 1854	Cardiovascular	Survived	74.0	65.0	81.5
## 1855	Cardiovascular	Survived	68.5	67.5	95.5
## 1856	Trauma	Survived	77.0	78.0	90.0
## 1857	Gastrointestinal	Survived	77.5	75.5	81.5
## 1858	Respiratory	Survived	59.5	110.0	69.5
## 1859	Neurological	Survived	71.5	74.5	83.0
## 1861	Respiratory	Survived	58.0	94.0	69.0
## 1865	Gastrointestinal	Survived	73.0	111.0	79.5
## 1866	Gastrointestinal	Survived	50.0	93.0	67.5
## 1867	Sepsis	Survived	74.0	106.5	94.5
## 1868	Sepsis	Survived	61.0	79.5	98.0
## 1869	Cardiovascular	Survived	52.0	94.5	73.0
## 1870	Gastrointestinal	Survived	68.0	85.5	99.5
## 1871	Cardiovascular	Survived	68.0	85.0	83.0
## 1872	Cardiovascular	Survived	62.0	90.0	73.0
## 1873	Cardiovascular	Survived	90.5	69.5	111.5
## 1874	Cardiovascular	Survived	55.5	79.5	80.5
## 1876	Metabolic	Survived	69.5	65.5	106.5
## 1878	Cardiovascular	Survived	46.0	90.5	86.5
## 1879	Cardiovascular	Survived	68.5	76.0	98.5
## 1880	Neurological	Survived	77.5	89.5	91.5
## 1882	Gastrointestinal	Survived	70.5	59.0	84.0
## 1883	Cardiovascular	Survived	75.5	91.5	86.5
## 1884	Cardiovascular	Survived	73.5	78.0	94.0
## 1885	Respiratory	Survived	67.5	98.5	96.5
## 1886	Cardiovascular	Survived	79.5	79.0	99.5

## 1887	Respiratory	Survived	65.5	99.0	83.0
## 1888	Sepsis	Survived	64.5	67.0	72.5
## 1889	Respiratory	Survived	79.0	111.0	103.5
## 1890	Cardiovascular	Survived	74.0	129.5	94.0
## 1891	Gastrointestinal	Survived	54.0	127.5	68.0
## 1892	Cardiovascular	Survived	72.5	116.5	92.0
## 1893	Sepsis	Survived	74.5	93.0	83.0
## 1895	Cardiovascular	Survived	53.0	133.5	60.0
## 1896	Cardiovascular	Survived	67.5	76.0	75.0
## 1897	Neurological	Survived	51.5	37.0	63.0
## 1898	Cardiovascular	Survived	70.0	74.5	87.0
## 1899	Cardiovascular	Survived	82.5	47.0	119.0
## 1901	Cardiovascular	Survived	72.0	68.5	93.5
## 1902	Cardiovascular	Survived	69.5	83.5	84.0
## 1903	Cardiovascular	Survived	80.5	84.0	105.5
## 1904	Cardiovascular	Survived	66.0	119.0	95.0
## 1905	Respiratory	Survived	64.5	86.5	82.5
## 1906	Respiratory	Survived	76.5	84.5	83.5
## 1907	Gastrointestinal	Survived	73.0	96.0	96.5
## 1909	Cardiovascular	Survived	40.5	86.5	50.5
## 1911	Gastrointestinal	Survived	56.5	78.5	79.5
## 1912	Neurological	Survived	70.0	73.5	103.5
## 1913	Trauma	Survived	63.0	94.0	72.5
## 1914	Respiratory	Survived	56.5	96.0	70.0
## 1915	Trauma	Survived	70.0	75.0	83.5
## 1916	Sepsis	Survived	68.0	80.5	84.5
## 1917	Metabolic	Survived	72.5	105.5	94.5
## 1918	Sepsis	Survived	53.0	72.0	58.0
## 1919	Gastrointestinal	Survived	73.5	84.5	84.0
## 1920	Sepsis	Survived	68.5	84.0	85.0
## 1923	Cardiovascular	Survived	57.0	84.0	69.5
## 1924	Respiratory	Survived	85.0	107.0	92.5
## 1925	Metabolic	Survived	82.5	74.5	107.5
## 1926	Gastrointestinal	Survived	60.5	84.0	71.0
## 1927	Sepsis	Survived	67.0	109.5	88.0
## 1928	Cardiovascular	Survived	78.0	84.0	96.5
## 1931	Cardiovascular	Survived	54.0	78.0	63.0
## 1932	Respiratory	Survived	71.5	95.5	80.5
## 1933	Respiratory	Survived	60.0	78.0	75.0
## 1934	Respiratory	Survived	79.0	85.0	106.5
## 1935	Metabolic	Survived	80.5	69.0	121.0
## 1936	Cardiovascular	Survived	49.0	82.0	64.5
## 1937	Cardiovascular	Survived	59.0	62.0	85.5
## 1938	Sepsis	Survived	49.0	101.5	56.5
## 1939	Gastrointestinal	Survived	57.0	84.5	91.5
## 1940	Metabolic	Survived	78.0	110.0	85.5
## 1941	Gastrointestinal	Survived	63.5	113.0	79.5
## 1942	Respiratory	Survived	56.0	94.5	67.0
## 1943	Cardiovascular	Survived	81.5	107.5	107.5
## 1944	Cardiovascular	Survived	66.5	76.0	83.0
## 1946	Cardiovascular	Survived	71.0	65.5	76.5
## 1947	Respiratory	Survived	82.0	94.5	92.5
## 1948	Cardiovascular	Survived	50.5	80.0	70.0
## 1949	Cardiovascular	Survived	78.0	84.5	103.5

## 1950	Cardiovascular	Survived	97.5	67.0	120.5
## 1952	Cardiovascular	Survived	74.5	68.5	94.5
## 1953	Gastrointestinal	Survived	59.5	79.5	78.5
## 1955	Genitourinary	Survived	90.5	97.0	116.5
## 1956	Cardiovascular	Survived	60.0	104.0	66.0
## 1957	Respiratory	Survived	78.0	107.0	85.5
## 1958	Respiratory	Survived	71.5	84.5	82.5
## 1959	Cardiovascular	Survived	90.5	83.5	113.5
## 1960	Sepsis	Survived	71.0	104.0	90.5
## 1962	Neurological	Survived	54.5	94.0	63.0
## 1965	Neurological	Survived	60.5	64.5	77.5
## 1967	Sepsis	Survived	55.5	85.5	77.0
## 1968	Cardiovascular	Survived	88.0	98.0	99.5
## 1969	Cardiovascular	Survived	78.0	90.5	97.5
## 1970	Neurological	Survived	102.0	100.5	114.0
## 1971	Cardiovascular	Survived	55.5	114.5	72.5
## 1973	Trauma	Survived	64.0	90.0	75.5
## 1975	Metabolic	Survived	71.0	105.0	80.0
## 1978	Gynecological	Survived	101.0	82.5	112.0
## 1979	Musculoskeletal/Skin	Survived	77.5	119.5	84.5
## 1981	Cardiovascular	Survived	54.0	61.0	66.5
## 1982	Trauma	Survived	108.0	103.0	105.5
## 1983	Cardiovascular	Survived	49.0	73.0	63.0
## 1984	Metabolic	Survived	61.5	100.0	83.5
## 1986	Cardiovascular	Survived	87.5	82.0	106.5
## 1988	Trauma	Survived	53.0	107.5	68.5
## 1989	Gastrointestinal	Survived	58.0	107.5	64.5
## 1990	Respiratory	Survived	66.5	98.0	74.0
## 1991	Cardiovascular	Survived	62.0	61.5	80.0
## 1992	Respiratory	Survived	62.5	111.0	72.0
## 1993	Neurological	Survived	93.5	92.0	99.5
## 1994	Genitourinary	Survived	50.5	75.0	68.5
## 1995	Cardiovascular	Survived	76.0	106.5	70.5
## 1996	Cardiovascular	Survived	76.0	70.0	96.5
## 1997	Metabolic	Survived	64.5	70.5	75.5
## 1999	Gastrointestinal	Survived	86.5	86.5	94.5
## 2000	Sepsis	Survived	66.0	107.0	75.5
## 2001	Cardiovascular	Survived	58.0	84.0	72.5
## 2002	Cardiovascular	Survived	60.5	63.0	70.0
## 2003	Metabolic	Survived	66.0	89.0	78.0
## 2004	Respiratory	Survived	68.5	114.0	86.0
## 2005	Gastrointestinal	Survived	69.5	99.5	89.0
## 2006	Respiratory	Survived	46.5	70.0	64.0
## 2007	Cardiovascular	Survived	47.0	79.0	61.5
## 2008	Hematological	Survived	82.0	75.5	90.0
## 2009	Metabolic	Survived	67.0	87.5	82.5
## 2010	Sepsis	Survived	75.0	102.0	85.0
## 2011	Sepsis	Survived	78.5	102.0	91.5
## 2014	Cardiovascular	Survived	57.0	78.0	66.0
## 2015	Cardiovascular	Survived	54.0	96.0	77.0
## 2016	Respiratory	Survived	71.0	101.0	98.5
## 2017	Gastrointestinal	Survived	79.0	109.0	107.5
## 2018	Cardiovascular	Survived	88.5	107.5	103.5
## 2019	Respiratory	Survived	63.5	94.0	76.5



## 2020	Cardiovascular	Survived	72.0	95.0	81.0
## 2024	Cardiovascular	Survived	61.5	99.5	73.0
## 2025	Cardiovascular	Survived	84.0	71.0	107.0
## 2027	Cardiovascular	Survived	77.0	70.5	93.0
## 2028	Respiratory	Survived	59.5	79.5	70.0
## 2029	Cardiovascular	Survived	59.0	86.0	71.5
## 2030	Cardiovascular	Survived	66.5	76.5	78.5
## 2031	Metabolic	Survived	70.0	75.0	82.0
## 2032	Sepsis	Survived	56.5	96.5	69.5
## 2033	Respiratory	Survived	71.0	101.5	86.0
## 2034	Respiratory	Survived	63.0	71.5	76.5
## 2035	Sepsis	Survived	75.5	79.0	84.0
## 2036	Cardiovascular	Survived	61.0	100.0	82.0
## 2037	Genitourinary	Survived	88.5	78.0	99.5
## 2038	Cardiovascular	Survived	100.0	66.0	91.0
## 2039	Gastrointestinal	Survived	85.5	90.5	103.0
## 2040	Respiratory	Survived	74.0	101.5	87.0
## 2041	Neurological	Survived	83.0	101.5	112.0
## 2042	Genitourinary	Survived	90.0	84.0	102.0
## 2043	Cardiovascular	Survived	53.5	81.5	73.5
## 2045	Cardiovascular	Survived	56.0	75.5	70.5
## 2047	Sepsis	Survived	67.0	87.0	81.0
## 2048	Respiratory	Survived	66.0	74.0	71.0
## 2049	Respiratory	Survived	73.0	95.0	81.5
## 2050	Cardiovascular	Survived	85.0	81.5	108.5
## 2051	Genitourinary	Survived	32.5	60.0	76.0
## 2052	Gastrointestinal	Survived	82.0	79.0	95.5
## 2054	Cardiovascular	Survived	67.5	102.0	88.0
## 2055	Sepsis	Survived	74.0	83.5	88.5
## 2057	Cardiovascular	Survived	56.0	69.0	72.0
## 2058	Metabolic	Survived	70.5	99.5	81.0
## 2059	Cardiovascular	Survived	69.5	67.5	94.5
## 2060	Neurological	Survived	62.5	78.0	71.0
## 2062	Cardiovascular	Survived	76.0	72.0	90.5
## 2063	Respiratory	Survived	60.5	69.5	88.5
## 2064	Cardiovascular	Survived	68.5	65.0	99.0
## 2065	Trauma	Survived	105.0	117.5	123.5
## 2067	Respiratory	Survived	59.0	66.0	82.5
## 2068	Cardiovascular	Survived	55.5	82.0	80.0
## 2069	Cardiovascular	Survived	68.5	66.0	101.0
## 2070	Cardiovascular	Survived	55.0	62.0	80.5
## 2071	Cardiovascular	Survived	68.0	88.0	94.5
## 2072	Gastrointestinal	Survived	62.5	85.0	81.0
## 2074	Neurological	Survived	70.5	74.0	87.5
## 2075	Metabolic	Survived	77.5	67.5	97.5
## 2077	Metabolic	Survived	65.5	77.5	86.0
## 2078	Metabolic	Survived	65.0	87.0	86.5
## 2079	Neurological	Survived	43.0	56.0	59.0
## 2080	Trauma	Survived	75.0	90.0	85.0
## 2081	Neurological	Survived	118.0	107.5	125.0
## 2082	Cardiovascular	Survived	65.0	76.5	77.0
## 2083	Cardiovascular	Survived	61.0	81.5	70.5
## 2084	Cardiovascular	Survived	42.0	83.0	79.0
## 2085	Cardiovascular	Survived	85.5	72.5	98.0

## 2086	Trauma	Survived	72.5	109.0	78.0
## 2087	Genitourinary	Survived	81.5	94.5	88.0
## 2088	Cardiovascular	Survived	93.5	77.0	128.0
## 2090	Cardiovascular	Survived	87.0	113.0	93.0
## 2092	Cardiovascular	Survived	63.5	76.0	80.0
## 2093	Neurological	Survived	61.5	90.5	71.5
## 2094	Metabolic	Survived	68.5	104.0	88.5
## 2095	Gastrointestinal	Survived	50.0	89.5	65.5
## 2096	Respiratory	Survived	59.0	90.0	71.0
## 2097	Gastrointestinal	Survived	74.5	100.5	96.5
## 2099	Cardiovascular	Survived	55.0	53.5	104.5
## 2100	Neurological	Survived	61.0	93.0	72.0
## 2101	Trauma	Survived	67.0	76.0	79.5
## 2103	Metabolic	Survived	77.0	77.5	99.0
## 2105	Cardiovascular	Survived	69.5	71.5	83.0
## 2106	Respiratory	Survived	61.5	76.0	75.0
## 2107	Neurological	Survived	97.5	76.0	105.5
## 2108	Trauma	Survived	59.5	104.5	70.5
## 2110	Neurological	Survived	54.0	77.0	80.5
## 2111	Cardiovascular	Survived	78.5	100.0	110.0
## 2112	Sepsis	Survived	60.5	104.5	75.5
## 2113	Respiratory	Survived	67.0	71.0	77.5
## 2114	Genitourinary	Survived	62.0	102.0	89.0
## 2115	Hematological	Survived	51.5	44.0	90.0
## 2117	Trauma	Survived	71.0	67.0	80.5
## 2118	Cardiovascular	Survived	91.5	82.5	112.5
## 2119	Sepsis	Survived	66.0	104.5	77.5
## 2120	Trauma	Survived	64.0	68.5	74.5
## 2122	Sepsis	Survived	77.5	104.5	104.5
## 2123	Gastrointestinal	Survived	76.0	114.0	84.5
## 2124	Respiratory	Survived	83.5	104.0	91.0
## 2125	Trauma	Survived	64.5	100.5	78.5
## 2126	Neurological	Survived	78.5	99.0	106.5
## 2127	Neurological	Survived	68.5	106.5	82.5
## 2128	Respiratory	Survived	69.5	74.5	95.0
## 2130	Gastrointestinal	Survived	73.5	101.0	96.0
## 2131	Respiratory	Survived	90.0	92.0	112.0
## 2132	Cardiovascular	Survived	73.5	80.5	86.0
## 2133	Sepsis	Survived	73.0	109.0	77.0
## 2134	Gastrointestinal	Survived	73.0	102.5	79.0
## 2135	Cardiovascular	Survived	76.0	108.0	86.5
## 2136	Trauma	Survived	69.0	91.0	77.5
## 2137	Metabolic	Survived	103.0	90.0	113.5
## 2138	Cardiovascular	Survived	55.0	88.5	70.0
## 2139	Respiratory	Survived	67.5	71.5	84.5
## 2140	Cardiovascular	Survived	71.0	87.0	86.5
## 2141	Cardiovascular	Survived	51.0	77.5	67.5
## 2142	Cardiovascular	Survived	68.5	79.0	92.5
## 2143	Cardiovascular	Survived	60.0	93.0	81.0
## 2144	Neurological	Survived	86.5	102.5	95.5
## 2145	Gastrointestinal	Survived	68.0	67.0	97.0
## 2146	Cardiovascular	Survived	66.0	79.0	85.0
## 2147	Cardiovascular	Survived	62.5	60.5	82.5
## 2148	Cardiovascular	Survived	53.0	98.5	80.0

## 2150	Gastrointestinal	Survived	82.0	98.0	107.0
## 2151	Respiratory	Survived	50.0	107.5	61.5
## 2153	Cardiovascular	Survived	70.5	103.0	88.5
## 2155	Neurological	Survived	84.5	82.5	120.5
## 2157	Gastrointestinal	Survived	69.5	124.0	75.5
## 2158	Sepsis	Survived	66.0	94.0	80.5
## 2159	Cardiovascular	Survived	65.5	77.5	74.5
## 2160	Sepsis	Survived	56.0	76.5	80.0
## 2161	Cardiovascular	Survived	55.5	70.0	67.0
## 2162	Cardiovascular	Survived	78.5	104.0	91.5
## 2163	Trauma	Survived	69.0	65.5	79.0
## 2164	Cardiovascular	Survived	46.5	69.5	60.5
## 2165	Metabolic	Survived	71.5	86.0	87.5
## 2166	Genitourinary	Survived	82.5	114.5	95.0
## 2167	Sepsis	Survived	98.5	62.5	107.0
## 2168	Cardiovascular	Survived	66.0	96.5	74.0
## 2169	Respiratory	Survived	56.0	81.0	70.0
## 2170	Respiratory	Survived	54.0	69.0	63.0
## 2171	Gastrointestinal	Survived	95.5	71.5	112.5
## 2172	Metabolic	Survived	107.0	82.0	117.0
## 2174	Respiratory	Survived	88.5	85.5	84.5
## 2175	Neurological	Survived	82.0	63.0	89.0
## 2176	Metabolic	Survived	60.0	107.5	74.0
## 2177	Metabolic	Survived	72.0	88.0	82.5
## 2178	Cardiovascular	Survived	73.5	85.5	88.0
## 2179	Cardiovascular	Survived	41.0	86.5	56.0
## 2180	Sepsis	Survived	74.0	103.0	82.5
## 2181	Metabolic	Survived	79.5	87.5	92.5
## 2182	Metabolic	Survived	53.0	89.0	73.0
## 2184	Neurological	Survived	72.0	92.5	81.5
## 2185	Respiratory	Survived	60.0	97.0	85.0
## 2187	Cardiovascular	Survived	76.0	102.0	80.5
## 2188	Cardiovascular	Survived	80.0	98.5	97.5
## 2189	Sepsis	Survived	49.0	99.0	65.5
## 2190	Cardiovascular	Survived	69.5	91.0	78.0
## 2195	Cardiovascular	Survived	62.5	60.5	82.5
## 2196	Metabolic	Survived	77.5	108.0	85.5
## 2197	Trauma	Survived	61.5	79.0	76.0
## 2198	Trauma	Survived	77.5	85.0	90.0
## 2199	Trauma	Survived	72.0	87.0	92.5
## 2200	Gastrointestinal	Survived	82.5	68.0	107.5
## 2201	Gastrointestinal	Survived	48.5	65.0	66.0
## 2202	Respiratory	Survived	62.5	94.0	71.0
## 2203	Neurological	Survived	60.5	77.5	105.0
## 2204	Sepsis	Survived	68.5	91.5	101.5
## 2205	Respiratory	Survived	79.0	81.0	93.0
## 2206	Metabolic	Survived	71.5	86.0	87.5
## 2207	Respiratory	Survived	79.0	111.0	84.0
## 2208	Respiratory	Survived	80.5	123.5	101.0
## 2209	Sepsis	Survived	60.5	107.0	73.5
## 2210	Trauma	Survived	73.0	68.5	87.5
## 2211	Respiratory	Survived	74.0	86.0	84.0
## 2212	Cardiovascular	Survived	70.5	75.5	84.5
## 2213	Gastrointestinal	Survived	90.0	82.5	104.0

##	2214	Cardiovascular	Survived	62.5	79.5	72.0
##	2215	Respiratory	Survived	62.5	109.5	77.0
##	2216	Cardiovascular	Survived	61.5	53.0	75.5
##	2218	Cardiovascular	Survived	46.0	82.5	74.0
##	2219	Trauma	Survived	64.5	89.0	79.5
##	2220	Respiratory	Survived	58.0	120.0	75.5
##	2221	Cardiovascular	Survived	47.0	86.5	69.5
##	2223	Sepsis	Survived	45.5	96.5	56.0
##	2224	Cardiovascular	Survived	90.0	134.5	96.0
##	2225	Cardiovascular	Survived	64.0	84.5	74.0
##	2226	Cardiovascular	Survived	61.5	79.0	71.0
##	2227	Gastrointestinal	Survived	56.5	88.5	71.0
##	2229	Sepsis	Survived	81.0	116.5	89.0
##	2231	Metabolic	Survived	60.0	93.0	76.0
##	2232	Neurological	Survived	52.0	95.0	58.5
##	2234	Cardiovascular	Survived	72.0	91.5	94.0
##	2235	Cardiovascular	Survived	64.5	97.0	76.5
##	2238	Trauma	Survived	90.5	83.0	128.5
##	2240	Cardiovascular	Survived	65.0	114.0	73.5
##	2241	Cardiovascular	Survived	90.5	74.0	116.0
##	2243	Cardiovascular	Survived	60.0	94.0	71.5
##	2244	Sepsis	Survived	60.0	88.5	69.0
##	2245	Respiratory	Survived	72.0	97.0	92.0
##	2246	Sepsis	Survived	49.5	80.0	64.0
##	2247	Sepsis	Survived	74.5	99.0	86.0
##	2249	Neurological	Survived	85.0	81.5	91.0
##	2250	Cardiovascular	Survived	62.0	80.0	77.0
##	2251	Respiratory	Survived	92.5	129.0	125.0
##	2252	Trauma	Survived	100.5	72.0	108.0
##	2253	Gastrointestinal	Survived	73.0	119.0	93.0
##	2254	Sepsis	Survived	82.5	89.0	98.5
##	2255	Respiratory	Survived	64.0	92.5	91.5
##	2256	Sepsis	Survived	83.5	100.5	93.0
##	2258	Gastrointestinal	Survived	59.0	60.5	82.0
##	2259	Metabolic	Survived	79.0	78.0	87.5
##	2260	Neurological	Survived	79.5	78.5	124.0
##	2261	Trauma	Survived	68.5	73.5	79.5
##	2262	Cardiovascular	Survived	66.0	92.0	75.0
##	2263	Sepsis	Survived	68.0	94.5	78.5
##	2266	Respiratory	Survived	79.0	90.5	90.0
##	2267	Neurological	Survived	79.0	99.0	99.5
##	2269	Cardiovascular	Survived	65.0	56.5	75.0
##	2270	Cardiovascular	Survived	46.5	70.5	57.0
##	2272	Gastrointestinal	Survived	72.0	68.5	102.0
##	2273	Respiratory	Survived	94.0	114.5	110.5
##	2274	Gastrointestinal	Survived	82.5	99.0	96.5
##	2275	Cardiovascular	Survived	62.5	64.0	89.0
##	2276	Cardiovascular	Survived	79.5	72.5	97.5
##	2277	Cardiovascular	Survived	55.5	117.0	69.5
##	2278	Cardiovascular	Survived	69.0	85.5	87.5
##	2281	Metabolic	Survived	96.5	83.0	107.0
##	2282	Neurological	Survived	77.5	109.0	112.0
##	2285	Respiratory	Survived	56.0	65.0	68.5
##	2286	Respiratory	Survived	74.5	91.5	96.0

## 2287	Cardiovascular	Survived	62.0	88.5	74.5
## 2288	Cardiovascular	Survived	68.5	64.0	84.0
## 2289	Neurological	Survived	58.5	60.0	76.5
## 2290	Gastrointestinal	Survived	79.0	91.5	104.5
## 2294	Sepsis	Survived	70.0	75.0	81.5
## 2296	Cardiovascular	Survived	66.5	68.5	86.5
## 2297	Cardiovascular	Survived	72.0	87.0	80.5
## 2299	Cardiovascular	Survived	55.5	73.0	89.5
## 2300	Gastrointestinal	Survived	61.5	97.5	81.0
## 2301	Respiratory	Survived	59.5	74.5	70.0
## 2302	Gastrointestinal	Survived	65.5	74.5	77.0
## 2303	Cardiovascular	Survived	43.0	97.0	56.0
## 2304	Gastrointestinal	Survived	80.0	74.0	88.5
## 2305	Neurological	Survived	71.0	97.5	78.0
## 2307	Cardiovascular	Survived	56.5	73.0	79.0
## 2308	Respiratory	Survived	68.5	79.0	82.5
## 2309	Respiratory	Survived	52.0	85.0	60.5
## 2310	Hematological	Survived	56.5	69.0	84.0
## 2312	Genitourinary	Survived	57.0	81.0	66.0
## 2314	Cardiovascular	Survived	56.0	81.0	86.5
## 2315	Sepsis	Survived	70.5	127.5	81.0
## 2316	Respiratory	Survived	65.0	90.0	76.0
## 2317	Sepsis	Survived	62.0	83.5	85.0
## 2318	Cardiovascular	Survived	60.0	96.5	69.0
## 2320	Cardiovascular	Survived	78.5	72.0	100.0
## 2322	Cardiovascular	Survived	77.0	72.5	89.0
## 2323	Cardiovascular	Survived	63.5	69.5	75.5
## 2324	Cardiovascular	Survived	57.0	92.5	68.0
## 2327	Cardiovascular	Survived	42.5	60.5	66.5
## 2328	Sepsis	Survived	58.5	68.0	68.0
## 2329	Cardiovascular	Survived	62.0	101.0	80.0
## 2330	Neurological	Survived	61.5	88.5	92.0
## 2331	Metabolic	Survived	83.5	81.5	95.5
## 2333	Sepsis	Survived	67.5	76.0	79.0
## 2335	Metabolic	Survived	79.0	78.0	105.0
## 2336	Metabolic	Survived	71.5	89.0	85.0
## 2339	Respiratory	Survived	88.5	73.5	99.5
## 2340	Neurological	Survived	97.0	84.0	111.0
## 2341	Metabolic	Survived	66.0	98.5	87.5
## 2342	Cardiovascular	Survived	65.0	48.5	82.0
## 2343	Cardiovascular	Survived	85.5	81.5	75.0
## 2344	Gastrointestinal	Survived	48.5	79.0	61.5
## 2347	Cardiovascular	Survived	66.0	75.5	74.0
## 2348	Cardiovascular	Survived	77.5	92.0	89.5
## 2349	Cardiovascular	Survived	89.5	78.0	97.5
## 2350	Respiratory	Survived	99.5	90.0	116.0
## 2352	Cardiovascular	Survived	77.5	69.5	92.0
## 2354	Neurological	Survived	65.0	69.5	76.5
## 2355	Cardiovascular	Survived	63.0	66.0	79.5
## 2356	Neurological	Survived	58.0	62.5	80.0
## 2357	Cardiovascular	Survived	60.0	85.0	75.5
## 2358	Cardiovascular	Survived	76.5	73.0	81.5
## 2359	Hematological	Survived	78.5	73.0	96.0
## 2360	Metabolic	Survived	67.5	79.0	75.0

## 2361	Metabolic	Survived	59.5	79.0	91.0
## 2363	Metabolic	Survived	75.5	110.0	93.0
## 2364	Gastrointestinal	Survived	85.5	93.0	102.0
## 2365	Respiratory	Survived	71.0	82.0	93.0
## 2368	Sepsis	Survived	64.0	102.5	70.0
## 2369	Musculoskeletal/Skin	Survived	56.0	62.5	70.5
## 2370	Gastrointestinal	Survived	64.5	106.0	71.5
## 2371	Neurological	Survived	60.0	86.0	79.5
## 2372	Gastrointestinal	Survived	97.5	80.0	112.0
## 2373	Neurological	Survived	79.0	94.5	89.0
## 2374	Gastrointestinal	Survived	97.0	125.5	121.5
## 2375	Cardiovascular	Survived	54.0	82.5	76.5
## 2376	Metabolic	Survived	74.0	111.0	97.5
## 2377	Gastrointestinal	Survived	69.0	102.0	79.0
## 2378	Cardiovascular	Survived	71.5	87.0	102.5
## 2379	Cardiovascular	Survived	59.0	72.0	63.0
## 2381	Metabolic	Survived	82.5	93.0	93.0
## 2382	Metabolic	Survived	93.0	102.5	105.5
## 2383	Respiratory	Survived	67.5	118.5	92.0
## 2384	Musculoskeletal/Skin	Survived	86.5	80.5	106.0
## 2385	Cardiovascular	Survived	73.5	73.0	83.5
## 2386	Trauma	Survived	77.5	101.5	87.5
## 2387	Metabolic	Survived	76.5	91.0	87.5
## 2388	Sepsis	Survived	64.5	63.0	78.5
## 2390	Trauma	Survived	72.5	78.0	92.5
## 2391	Cardiovascular	Survived	90.5	70.5	102.5
## 2393	Cardiovascular	Survived	63.5	65.0	74.0
## 2394	Cardiovascular	Survived	64.5	68.0	60.5
## 2395	Cardiovascular	Survived	48.5	90.0	62.5
## 2397	Cardiovascular	Survived	77.5	76.0	92.0
## 2398	Cardiovascular	Survived	58.0	65.5	68.5
## 2399	Metabolic	Survived	86.0	94.0	107.0
## 2400	Metabolic	Survived	88.0	79.0	130.5
## 2401	Respiratory	Survived	59.5	77.5	74.0
## 2402	Cardiovascular	Survived	52.5	61.5	77.0
## 2404	Cardiovascular	Survived	75.0	74.0	97.0
## 2407	Cardiovascular	Survived	51.5	82.5	70.0
## 2412	Metabolic	Survived	58.5	81.5	70.0
## 2413	Cardiovascular	Survived	51.5	80.0	69.5
## 2414	Respiratory	Survived	94.5	115.0	111.5
## 2415	Cardiovascular	Survived	61.0	52.0	74.0
## 2416	Sepsis	Survived	55.5	102.0	78.0
## 2417	Trauma	Survived	65.5	122.0	77.0
## 2419	Respiratory	Survived	62.0	80.0	75.0
## 2421	Neurological	Survived	74.5	89.5	95.5
## 2422	Sepsis	Survived	58.5	109.5	83.5
## 2423	Trauma	Survived	62.0	62.0	70.0
## 2424	Sepsis	Survived	64.5	78.5	72.0
## 2425	Sepsis	Survived	69.0	62.0	96.5
## 2427	Trauma	Survived	76.5	70.0	84.0
## 2428	Neurological	Survived	78.0	89.0	89.5
## 2429	Sepsis	Survived	67.0	86.5	77.0
## 2431	Neurological	Survived	57.5	100.0	73.5
## 2432	Metabolic	Survived	77.5	85.0	111.0

## 2433	Gastrointestinal	Survived	68.0	76.0	75.5		
## 2434	Cardiovascular	Survived	79.5	106.0	91.0		
## 2437	Cardiovascular	Survived	87.5	77.5	96.0		
## 2438	Cardiovascular	Survived	64.0	91.0	92.0		
## 2440	Neurological	Survived	68.5	94.5	97.0		
##	d1_glucose	d1_resprate	d1_sysbp	d1_temp	h1_diasbp	h1_heartrate	h1_mbp
## 1	255.5	22.0	117.0	37.40000	49.0	91.0	66.5
## 2	138.5	14.0	117.5	36.75000	83.0	84.0	95.0
## 3	163.5	22.0	148.5	37.35000	81.0	97.0	98.5
## 4	215.0	22.5	117.0	37.00000	71.0	90.0	102.5
## 6	129.0	27.0	130.5	37.30000	84.5	109.5	95.5
## 7	150.5	14.0	116.0	36.15000	58.0	67.0	84.0
## 8	106.5	22.0	116.0	37.30000	84.5	90.0	98.0
## 9	128.5	17.0	134.5	36.80000	97.0	94.5	109.0
## 10	162.0	23.0	130.0	36.25000	81.0	104.5	99.0
## 11	228.5	18.0	151.0	37.55000	59.5	108.5	79.5
## 12	179.0	18.0	104.0	36.70000	53.5	96.0	63.5
## 13	124.5	19.0	121.0	36.25000	87.0	72.0	102.0
## 15	233.5	22.0	129.0	36.85000	43.5	114.0	76.0
## 17	95.5	19.0	132.0	36.80000	71.5	96.5	94.5
## 18	130.0	21.5	124.0	36.80000	50.0	89.0	68.0
## 19	118.0	25.0	112.0	37.45000	55.0	114.5	77.5
## 20	96.0	22.0	165.5	36.88500	85.0	106.5	106.0
## 21	200.0	22.5	123.0	38.15000	68.0	86.0	84.0
## 22	122.5	32.0	127.5	37.30000	93.0	86.0	117.0
## 23	184.0	27.0	128.0	36.55000	78.5	91.0	96.0
## 24	139.5	23.0	162.0	36.15000	72.0	44.0	104.0
## 25	129.0	25.0	152.5	37.00000	94.0	115.5	122.0
## 27	171.0	19.5	122.5	36.70000	71.5	75.5	85.5
## 30	151.0	22.0	124.0	36.30000	69.0	66.0	113.0
## 31	109.0	15.0	114.5	36.80000	72.0	91.0	84.0
## 32	128.5	12.0	89.0	36.80000	68.5	78.0	80.0
## 33	174.0	14.0	100.0	36.75000	53.0	128.0	62.5
## 34	118.0	25.5	113.0	37.65000	54.0	75.5	66.0
## 35	129.0	30.0	139.5	36.95000	68.0	82.0	84.0
## 36	145.5	23.5	162.0	36.65000	76.5	85.5	109.5
## 37	127.0	14.0	120.5	36.65000	72.0	65.0	86.0
## 38	134.0	28.5	134.0	36.15000	63.0	75.0	90.0
## 41	87.0	23.5	111.0	37.10000	59.0	108.0	69.5
## 42	98.0	16.5	100.5	35.35000	47.5	74.5	60.0
## 43	106.0	18.5	143.0	37.40000	63.0	108.5	83.0
## 44	173.0	25.0	95.0	35.85000	62.0	43.0	73.0
## 45	250.5	15.5	88.0	36.05000	98.0	78.0	101.0
## 46	128.5	25.0	98.0	36.50000	60.0	95.0	73.0
## 47	80.5	16.0	140.0	36.70000	64.0	58.0	82.5
## 48	64.5	30.5	97.0	36.75500	53.0	97.0	62.0
## 49	84.0	22.5	145.0	36.55000	105.0	105.5	113.5
## 50	222.5	24.0	115.5	36.57500	59.5	101.5	65.5
## 51	148.0	22.5	110.5	37.15000	80.5	79.5	94.5
## 52	147.5	23.5	122.0	36.60000	77.0	119.0	89.0
## 53	115.0	17.0	132.5	36.60000	92.0	92.0	114.5
## 54	128.5	16.0	153.5	36.60000	56.5	71.5	75.0
## 55	203.0	20.0	123.0	37.05000	53.5	95.5	80.5
## 56	236.0	38.5	115.5	36.50000	77.0	84.0	91.0

## 57	133.0	14.5	127.5	36.75000	73.5	84.0	85.5
## 58	386.5	19.5	120.0	36.45000	79.0	85.0	95.0
## 59	139.0	24.0	136.5	35.95000	93.0	91.0	106.0
## 62	165.5	16.5	137.5	36.45000	70.0	72.5	108.5
## 63	121.0	21.0	159.5	37.05000	93.0	89.5	103.0
## 64	137.0	22.0	100.5	37.15000	68.0	72.0	84.0
## 65	85.0	22.5	117.0	36.50000	73.0	98.5	85.0
## 66	98.0	19.5	111.5	36.60000	59.0	87.0	74.0
## 67	102.5	18.0	120.5	36.70000	32.5	76.0	55.5
## 68	128.5	17.0	127.0	36.55000	88.5	77.0	95.0
## 69	88.0	28.0	150.5	37.45000	91.0	91.5	85.0
## 70	147.0	17.5	114.0	36.77500	68.0	86.0	84.0
## 71	104.5	23.5	125.5	36.30000	81.0	64.0	96.5
## 73	100.0	19.0	131.5	36.85000	74.5	114.0	85.5
## 74	124.0	24.0	122.5	36.70000	77.0	91.5	110.0
## 75	101.5	17.5	124.5	37.30000	59.0	91.5	70.0
## 76	110.0	15.0	125.5	36.65000	61.5	58.0	76.5
## 77	110.0	21.5	116.0	38.05000	60.0	61.5	74.0
## 78	143.5	17.0	82.0	36.60000	52.0	92.0	50.5
## 79	128.5	20.5	143.5	36.50000	64.0	57.5	92.0
## 80	165.0	18.5	168.5	36.15000	92.0	120.0	143.0
## 82	280.0	16.5	118.0	36.85000	82.0	110.0	93.5
## 83	182.5	19.5	159.5	36.25000	72.0	75.0	97.5
## 84	141.5	14.5	100.0	36.50000	36.0	109.0	53.0
## 85	331.0	18.5	116.0	36.60000	53.0	77.0	68.0
## 87	119.0	23.5	104.0	37.05000	82.5	77.0	93.0
## 88	196.5	18.5	116.0	35.80000	76.0	97.0	89.0
## 89	187.5	16.5	124.5	36.85000	60.0	59.5	69.5
## 91	165.5	19.5	128.5	36.40000	84.5	79.5	93.5
## 93	141.0	15.0	137.0	36.75000	62.5	82.0	76.5
## 94	149.5	20.5	133.0	36.55000	69.0	59.0	115.0
## 95	99.0	16.5	121.5	37.00000	75.0	64.0	92.0
## 96	127.0	17.0	116.0	37.30000	70.5	106.0	87.5
## 97	89.0	26.5	107.5	36.85500	77.0	96.0	87.5
## 98	93.0	19.5	111.5	36.05000	50.5	44.0	66.0
## 99	122.0	28.0	137.0	36.75000	84.5	69.0	100.5
## 100	125.0	21.0	80.0	36.80000	40.5	123.5	47.5
## 101	214.5	21.0	171.0	36.70000	68.0	72.0	105.0
## 102	135.0	16.5	112.0	36.65000	44.0	61.5	61.0
## 103	143.5	23.5	127.0	37.15000	50.0	120.0	65.0
## 104	136.0	15.5	113.0	36.22000	69.5	80.0	79.0
## 105	116.5	27.0	108.5	36.45000	86.0	149.5	93.0
## 106	132.0	17.5	133.0	37.70000	59.5	82.0	75.0
## 107	210.5	29.0	88.5	36.65000	58.0	108.0	67.5
## 108	99.5	46.5	132.0	37.00000	79.0	85.0	99.5
## 109	125.5	18.0	124.0	36.55000	59.5	55.5	70.5
## 110	134.0	17.5	99.0	36.55000	59.0	100.0	63.5
## 111	130.0	16.5	144.5	36.58000	68.0	86.0	84.0
## 112	128.5	20.0	138.5	37.10000	51.0	79.5	73.0
## 114	241.5	17.5	127.0	36.30000	70.0	97.5	84.0
## 115	108.0	23.5	106.0	36.00000	66.0	89.0	85.0
## 118	179.5	23.0	120.5	34.84450	63.0	110.0	67.5
## 119	112.5	16.0	115.5	36.85000	63.5	111.5	72.5
## 120	108.0	19.0	109.5	36.95000	70.5	125.0	84.0



## 121	87.0	21.0	152.0	36.35000	91.0	69.0	113.5
## 125	356.0	20.0	151.0	37.10000	100.0	120.0	107.0
## 126	309.0	15.0	109.0	36.77500	58.5	79.0	67.0
## 127	99.5	20.0	120.0	36.05000	58.0	60.0	94.0
## 128	161.0	15.5	115.5	36.65000	75.0	65.0	85.5
## 129	128.5	19.0	96.5	35.70000	65.0	79.5	71.5
## 130	128.5	16.5	109.0	36.70000	69.5	65.0	84.0
## 132	100.0	31.0	107.5	36.95000	66.0	93.5	82.5
## 133	99.0	16.5	127.0	36.75000	68.0	80.5	113.0
## 134	128.5	30.0	98.0	36.60000	46.5	74.5	65.5
## 136	338.0	21.0	163.5	37.30000	78.0	111.5	98.0
## 138	121.5	18.0	147.0	36.80000	71.0	71.0	91.0
## 139	167.0	23.5	131.0	36.55000	57.5	62.5	69.5
## 141	128.5	12.5	100.5	36.80000	45.5	71.5	47.5
## 143	201.5	29.5	146.0	37.60000	95.0	133.5	115.0
## 144	112.0	23.5	127.5	36.95000	63.0	114.0	86.0
## 145	100.0	16.0	119.5	36.15000	63.5	77.0	75.5
## 146	142.5	54.0	105.5	36.70000	65.5	80.0	94.5
## 147	353.0	30.0	150.0	36.70000	85.5	88.0	104.0
## 148	117.0	16.0	150.0	35.00000	74.0	76.0	96.0
## 150	204.0	14.5	111.5	36.25000	57.0	76.0	81.5
## 151	102.0	18.5	136.0	37.50000	76.5	62.0	92.5
## 152	130.5	17.0	160.5	37.00000	104.0	88.0	151.5
## 153	77.5	19.0	105.5	36.75000	70.5	100.0	88.0
## 155	136.5	16.0	97.5	36.50000	50.5	106.5	57.5
## 157	290.5	21.0	102.0	36.65000	70.0	102.0	83.5
## 159	154.0	21.0	139.5	36.75000	79.5	97.5	94.0
## 160	89.5	22.0	107.5	36.85000	80.0	104.0	92.0
## 161	102.0	14.0	112.5	36.55000	72.0	81.0	82.0
## 162	105.0	18.0	130.0	37.20000	89.5	70.0	105.0
## 163	134.5	22.0	126.0	36.50000	69.0	71.0	91.0
## 164	124.5	20.5	107.5	36.85000	71.5	81.0	75.5
## 165	90.5	19.0	106.5	36.45000	74.0	116.0	82.0
## 166	131.5	17.0	133.0	36.15000	68.0	86.0	84.0
## 167	73.0	13.5	92.0	36.30000	57.0	108.0	64.0
## 168	119.0	19.0	155.5	36.75500	94.0	58.5	108.0
## 170	103.0	54.0	117.5	36.75500	62.0	98.0	80.5
## 171	159.5	18.5	134.0	37.45000	79.5	106.0	89.5
## 172	193.5	33.0	150.0	36.55000	92.5	92.0	124.0
## 173	157.0	19.0	115.5	36.70000	74.5	113.0	85.0
## 174	132.0	26.5	107.0	37.65000	71.0	99.5	87.0
## 175	136.5	26.0	125.0	37.95000	75.0	104.5	90.5
## 176	126.5	22.0	100.5	36.80000	51.5	78.5	69.0
## 177	136.0	21.0	117.0	37.35000	66.0	104.0	77.0
## 178	99.0	35.5	125.5	36.75500	68.0	80.0	84.0
## 179	143.5	23.5	127.0	37.15000	50.0	120.0	65.0
## 180	135.5	27.0	129.5	37.00000	71.0	121.5	93.5
## 181	98.0	23.0	145.5	37.30000	84.0	77.5	95.5
## 182	142.0	22.0	114.0	37.20000	52.0	80.5	84.0
## 183	130.0	26.0	113.5	36.85000	75.5	113.5	84.5
## 184	224.0	16.5	115.5	36.25000	57.0	71.0	70.0
## 186	153.5	16.5	122.5	36.00000	65.0	58.0	84.0
## 188	138.0	23.5	102.5	36.35000	55.5	72.5	70.0
## 189	131.5	23.0	139.0	37.75000	68.0	86.0	84.0

## 190	128.5	14.5	141.5	38.10000	91.5	80.5	97.5
## 191	121.0	27.5	131.0	36.55000	70.5	101.0	84.0
## 193	115.0	25.0	157.5	36.55000	64.5	51.0	92.5
## 198	122.0	25.5	92.0	37.40000	68.0	86.0	84.0
## 200	133.0	20.0	87.0	37.10000	70.0	82.0	81.0
## 201	166.5	16.0	165.5	36.75500	111.0	58.0	122.0
## 202	102.0	29.5	163.0	36.65000	89.0	76.0	128.5
## 203	251.5	29.0	134.5	37.10000	85.5	100.0	110.0
## 204	107.0	20.5	147.0	36.65000	90.0	67.0	93.0
## 205	159.0	18.0	104.0	36.55000	72.5	88.0	101.0
## 206	112.5	15.5	112.0	36.45000	77.0	109.0	82.0
## 207	140.0	19.5	114.5	36.60000	47.0	75.0	79.0
## 208	178.0	25.0	113.0	36.65000	67.0	117.5	78.5
## 209	150.5	17.0	135.5	37.40000	76.0	90.5	90.5
## 211	159.5	23.0	138.5	36.45000	89.5	63.0	103.0
## 212	126.0	14.5	150.0	37.40000	80.0	52.5	122.5
## 213	120.0	27.5	104.0	36.55000	75.0	95.5	92.0
## 214	120.5	28.0	129.5	36.90000	68.0	86.0	84.0
## 215	109.0	22.0	135.5	36.85000	84.5	122.0	85.0
## 217	164.0	17.0	115.5	37.15000	62.0	115.5	73.0
## 218	121.0	11.5	97.0	36.45000	50.0	73.0	76.0
## 219	102.0	17.0	106.5	36.60000	76.5	95.0	85.0
## 221	357.5	20.5	136.0	36.70000	65.0	96.5	84.0
## 222	144.0	52.5	133.0	38.10000	64.5	128.0	77.5
## 223	108.0	28.0	122.0	37.75000	58.0	88.5	71.5
## 224	131.0	26.0	94.0	37.25000	72.0	100.0	59.0
## 225	101.0	15.5	149.5	36.85000	119.0	86.5	138.5
## 226	94.5	13.5	150.5	36.80000	64.0	73.0	86.5
## 228	130.0	25.5	137.0	36.49500	89.0	89.0	104.0
## 229	106.5	13.5	117.0	36.75000	89.0	113.0	102.0
## 230	130.0	35.5	125.5	37.10000	70.5	61.0	101.5
## 231	280.0	18.5	152.0	36.65000	109.0	92.0	123.5
## 232	89.0	11.0	124.0	37.10000	89.0	84.0	100.0
## 233	94.0	16.5	130.0	36.45000	110.0	85.5	118.0
## 235	128.5	15.5	140.0	37.00000	88.0	82.0	98.0
## 236	111.5	19.5	152.0	37.15000	87.0	76.0	103.0
## 237	86.0	27.5	141.0	37.20000	83.0	111.5	101.5
## 238	174.5	21.5	124.5	36.85000	68.0	90.5	80.5
## 239	179.0	21.0	120.0	36.90000	48.0	92.5	54.0
## 241	172.5	10.0	112.0	36.70000	51.0	73.5	61.5
## 242	166.5	21.0	111.0	37.20000	84.0	91.0	76.0
## 243	121.0	22.5	105.0	36.70000	53.0	71.0	73.0
## 244	124.5	21.0	120.5	36.30000	71.0	112.0	81.0
## 246	152.5	24.0	128.0	34.75000	65.0	76.0	74.0
## 247	85.5	17.0	111.5	35.80000	61.0	85.5	75.0
## 248	128.5	23.0	130.5	36.70000	70.0	67.0	95.0
## 250	140.0	19.5	105.5	36.75000	75.0	70.0	90.0
## 251	238.5	14.0	116.0	37.55000	82.0	114.0	114.0
## 252	111.0	20.0	135.0	36.80000	91.5	83.5	129.5
## 253	148.0	18.0	126.0	34.84450	66.0	122.0	76.0
## 254	109.5	25.5	106.5	37.60000	47.0	84.0	54.0
## 255	134.5	18.5	127.0	36.70000	68.0	101.0	84.0
## 256	326.5	31.0	102.0	36.86000	65.5	118.5	77.5
## 257	190.0	13.5	128.5	36.55000	48.0	57.0	58.0

## 258	134.0	25.5	156.0	37.45000	79.0	106.5	99.5
## 259	166.5	20.0	130.0	37.90000	45.0	76.0	60.0
## 260	112.5	22.0	115.0	37.15000	75.0	114.0	86.5
## 262	212.5	16.5	118.5	37.00000	73.0	87.0	92.0
## 263	105.0	13.0	169.5	36.60000	53.0	57.5	91.5
## 264	79.0	15.5	134.5	36.65000	62.5	63.0	76.0
## 265	119.5	19.0	102.0	36.80000	61.0	80.5	70.0
## 266	128.5	12.5	112.0	35.90000	96.0	118.0	101.0
## 267	171.0	26.0	116.0	36.77500	85.0	72.0	96.0
## 268	172.5	16.5	144.5	37.35000	75.5	92.5	92.0
## 269	157.0	21.5	106.0	36.83000	54.5	86.0	84.0
## 270	128.5	20.0	123.5	37.05000	74.0	123.5	93.5
## 271	182.5	21.0	119.5	36.60000	52.0	79.0	63.0
## 272	124.5	24.0	119.0	36.90000	71.5	110.0	84.5
## 273	181.5	20.5	165.5	36.15000	102.5	114.5	119.0
## 274	117.0	25.0	110.0	37.90000	62.5	117.5	72.5
## 275	321.5	16.0	126.0	36.80000	70.0	152.0	66.0
## 276	177.0	21.0	139.0	37.30000	71.5	93.0	97.0
## 278	103.0	17.0	120.5	36.94000	70.5	95.5	81.5
## 279	148.5	20.0	124.0	36.75000	58.0	80.0	71.0
## 280	154.5	16.5	107.0	36.90000	72.0	87.0	97.0
## 281	131.0	13.5	148.0	36.85000	69.0	57.5	82.5
## 282	103.5	21.5	118.0	36.90000	81.0	75.0	85.5
## 284	95.0	18.0	135.0	35.85000	91.0	65.0	98.0
## 285	145.0	21.5	109.0	37.25000	54.0	86.0	72.0
## 286	128.5	26.5	155.0	38.35000	107.5	91.0	137.5
## 287	97.0	21.5	124.0	36.80000	61.0	64.0	96.0
## 288	88.0	12.0	92.0	36.95000	66.5	102.5	73.0
## 289	97.5	19.5	119.5	36.40000	60.0	73.0	87.0
## 291	128.5	16.5	148.5	36.85000	84.0	74.5	103.0
## 292	127.0	15.5	129.5	37.25000	69.5	79.0	91.5
## 294	104.5	17.5	152.5	36.80000	56.0	45.0	80.5
## 295	180.5	20.0	136.0	37.00000	42.0	59.5	57.0
## 296	144.5	25.5	121.0	36.50000	68.0	86.0	84.0
## 297	138.5	17.5	130.0	36.65000	60.5	79.0	67.0
## 298	104.0	15.0	121.0	37.08000	75.0	63.0	93.0
## 299	162.0	19.0	116.5	36.45000	43.5	74.0	62.0
## 300	146.0	19.0	114.5	36.95000	55.0	89.0	80.0
## 301	145.5	21.0	110.0	36.35000	76.0	143.0	85.5
## 303	128.0	22.5	119.0	37.05000	84.0	90.0	101.0
## 304	170.0	28.0	106.5	36.83000	53.5	67.0	63.0
## 306	81.0	17.0	101.5	36.90000	66.5	86.0	82.0
## 307	104.0	17.0	124.5	36.90000	89.0	84.0	97.0
## 309	134.0	18.0	91.0	36.20000	69.5	91.5	75.0
## 310	257.5	25.5	149.0	36.45000	72.5	101.5	117.5
## 312	205.5	25.5	109.5	36.65000	61.5	111.5	75.0
## 313	136.0	19.0	97.0	36.95000	53.5	69.0	65.0
## 314	108.5	18.5	97.0	35.55000	68.5	154.0	83.0
## 315	89.0	22.5	123.0	36.70000	52.0	85.5	72.0
## 316	148.0	17.0	141.0	37.15000	51.5	60.5	69.0
## 317	96.0	23.0	110.0	37.58000	68.0	121.0	76.0
## 318	162.0	20.5	171.5	37.40000	88.0	121.0	120.0
## 319	119.0	23.0	125.0	36.50000	79.0	145.5	103.0
## 321	224.0	14.5	100.0	36.70000	72.5	71.5	67.0

## 323	89.0	23.0	135.0	36.80000	102.0	95.0	117.0
## 324	120.0	16.0	82.0	36.85000	55.0	110.0	45.0
## 325	160.5	20.5	111.5	36.10000	57.0	116.5	71.0
## 326	147.0	22.0	97.5	37.00000	61.0	83.0	72.0
## 327	205.0	20.0	139.5	36.55000	99.5	81.5	117.0
## 328	106.0	21.0	130.0	36.50000	81.5	98.0	99.0
## 329	107.0	17.0	120.0	36.90000	61.0	59.5	74.0
## 331	107.0	20.0	94.5	36.70000	52.0	100.0	85.0
## 334	80.0	21.5	134.5	36.65000	81.0	93.0	103.0
## 335	75.5	26.0	123.5	38.25000	57.5	149.0	76.0
## 336	148.0	17.0	131.0	37.20000	56.5	99.0	72.0
## 337	128.5	17.0	81.5	35.90000	74.5	124.0	84.0
## 338	107.5	19.0	131.5	36.55000	73.0	55.5	94.5
## 340	99.0	14.5	124.5	37.20000	54.5	63.0	66.5
## 342	101.5	29.0	125.5	36.50000	74.5	72.0	86.5
## 343	233.5	19.5	106.0	36.05000	57.5	86.5	74.0
## 345	149.0	19.0	113.5	36.90000	74.0	92.5	86.5
## 346	202.5	17.0	111.5	36.25000	72.0	94.0	82.0
## 347	104.0	17.0	130.0	36.97000	90.0	107.5	100.5
## 348	188.0	17.0	107.0	36.65000	85.5	86.5	94.0
## 350	128.5	13.5	95.0	36.05000	63.0	97.5	73.0
## 351	391.0	32.0	106.5	34.30000	52.5	100.5	61.0
## 352	128.5	34.0	112.0	36.30000	64.5	81.0	75.5
## 353	128.5	17.0	144.5	36.80000	80.0	88.0	91.0
## 354	100.0	12.5	98.0	36.75500	59.0	105.0	68.5
## 357	107.0	16.0	133.0	36.60000	65.5	141.0	70.0
## 358	159.0	26.5	98.5	36.50000	80.0	92.5	99.0
## 359	133.0	18.5	127.0	36.80000	85.5	89.5	92.0
## 360	117.0	17.0	139.0	36.20000	61.0	95.5	88.0
## 361	122.5	16.5	123.0	36.80000	61.5	70.5	70.5
## 362	113.5	15.0	129.5	36.65000	79.5	82.5	81.5
## 363	85.0	16.0	93.5	35.85000	56.0	67.0	82.5
## 364	113.5	17.5	118.5	37.30000	60.0	78.0	78.0
## 367	96.0	30.5	122.5	37.30000	66.0	85.0	91.5
## 368	144.5	21.0	144.0	37.45000	87.5	75.0	103.0
## 370	114.0	18.0	112.5	36.50000	56.0	63.0	76.0
## 372	161.0	12.5	128.0	36.45000	83.5	80.5	95.0
## 374	130.0	27.0	101.5	36.75000	78.5	82.0	86.0
## 375	116.0	32.0	120.5	38.20000	83.0	110.0	97.5
## 376	187.0	15.0	108.5	37.45000	79.0	144.5	91.5
## 377	130.0	35.0	119.5	36.80000	61.0	54.0	71.0
## 378	141.0	24.5	98.5	36.80000	60.5	108.0	70.0
## 379	221.5	18.5	107.0	36.75500	68.5	80.0	77.0
## 380	144.0	19.0	99.5	37.16500	60.0	105.5	49.5
## 381	115.5	17.0	130.0	36.70000	90.0	83.5	78.0
## 382	307.5	16.5	171.0	36.50000	96.0	91.5	118.5
## 383	261.0	17.5	107.0	37.15000	64.5	55.0	77.5
## 384	123.5	16.5	125.0	37.00000	62.0	79.5	71.5
## 385	109.0	23.5	115.5	36.85000	78.5	97.5	88.5
## 386	136.0	14.5	96.0	36.40000	66.5	86.5	86.0
## 387	125.0	19.5	119.5	36.75000	68.0	89.0	84.0
## 388	192.5	18.0	135.5	36.80000	83.0	96.0	98.0
## 391	128.5	16.5	140.5	36.70000	65.0	101.0	92.0
## 392	146.0	19.5	132.5	37.50000	85.0	79.0	96.0

## 393	114.0	16.5	108.0	36.75000	62.0	80.5	78.0
## 394	159.0	17.0	151.0	37.90000	76.0	86.5	92.0
## 395	128.5	24.5	129.0	37.35000	81.0	85.5	101.5
## 397	344.5	21.5	170.0	37.15000	68.0	86.0	84.0
## 398	118.0	23.5	101.5	37.60000	49.5	111.5	57.5
## 399	93.0	17.0	150.0	36.95000	93.0	56.0	125.0
## 400	131.5	21.0	112.0	36.63000	78.0	95.0	88.0
## 401	147.0	23.5	94.0	36.40000	52.0	71.5	64.0
## 402	101.5	17.0	156.0	37.35000	75.0	96.5	89.0
## 403	111.5	20.5	136.5	36.60000	93.5	63.5	108.5
## 404	68.5	16.5	151.5	36.65000	76.5	79.0	94.0
## 405	160.0	22.0	110.0	36.65000	69.0	112.0	94.0
## 406	128.5	23.0	134.5	36.95000	55.0	72.0	72.0
## 407	91.0	22.5	120.5	37.05000	73.0	74.0	96.5
## 408	129.0	13.0	101.5	36.65000	79.0	87.5	88.5
## 409	86.0	28.5	113.5	37.60000	51.5	104.0	68.0
## 410	162.0	18.0	154.0	36.50000	69.5	65.0	104.0
## 411	281.0	16.5	105.0	36.90000	51.5	89.0	61.5
## 414	132.0	12.0	142.5	36.30000	97.0	49.0	122.0
## 416	129.0	20.5	105.5	37.10000	50.0	74.0	64.0
## 417	139.5	18.5	107.0	37.70000	70.5	99.5	78.5
## 418	134.0	23.5	108.0	36.85000	87.0	79.0	99.0
## 419	233.0	13.0	122.0	37.25000	84.5	131.5	95.5
## 420	102.0	15.0	118.0	37.15000	98.0	102.0	106.5
## 421	209.0	33.5	120.5	36.80000	84.5	119.0	103.5
## 423	107.0	21.0	130.5	36.74500	43.0	74.0	56.5
## 424	138.0	19.0	116.5	37.85000	79.0	118.5	94.0
## 426	137.0	15.5	96.5	36.20000	70.0	73.0	80.5
## 427	126.5	21.0	94.0	37.00000	57.5	70.5	77.0
## 428	107.5	21.0	130.0	36.80000	71.0	112.0	85.0
## 429	96.0	18.5	114.5	36.65000	85.0	89.0	95.0
## 430	100.5	14.0	100.5	36.40000	48.5	78.0	58.5
## 431	144.5	25.5	98.0	36.90000	56.0	99.0	64.0
## 432	185.5	15.5	106.0	37.65000	55.5	85.5	70.5
## 433	105.0	16.5	119.0	37.20000	58.0	101.5	67.5
## 435	186.5	17.0	120.5	36.75500	74.0	71.5	84.5
## 436	138.5	15.5	128.5	36.55000	77.5	96.5	86.5
## 437	118.0	22.0	140.5	36.85500	92.0	95.5	98.0
## 439	128.0	18.0	108.5	36.70000	75.0	88.0	93.0
## 440	116.0	22.0	118.5	36.45000	88.0	57.5	105.0
## 443	83.0	32.5	138.0	36.75500	81.5	74.0	119.0
## 444	156.5	16.0	118.0	36.95000	56.0	77.5	47.5
## 446	128.5	16.0	133.0	36.75500	77.0	69.5	93.5
## 448	204.0	16.0	135.5	36.65000	72.5	93.0	80.0
## 449	87.5	23.0	117.5	36.60000	54.5	154.0	64.0
## 450	131.5	21.5	120.0	36.60000	69.0	65.0	73.0
## 451	93.0	20.0	146.5	36.60000	67.0	77.5	83.5
## 452	100.0	25.0	100.5	36.83000	52.5	114.0	62.5
## 455	152.0	16.0	128.0	36.65000	49.0	71.0	83.0
## 456	94.0	18.5	105.5	36.75000	65.5	90.0	72.5
## 457	193.5	17.5	114.5	37.05000	84.0	71.0	94.0
## 458	130.0	23.0	104.5	36.90000	62.0	114.5	78.0
## 459	163.0	18.5	142.0	37.50000	51.0	74.0	69.0
## 460	197.0	17.0	121.0	36.50000	58.0	90.5	72.0

## 461	110.0	21.0	120.0	38.30000	69.5	90.5	76.5
## 463	100.0	18.5	111.5	36.50000	41.0	50.5	53.5
## 464	173.5	14.5	118.5	36.90000	62.5	78.5	75.5
## 465	199.5	20.5	114.5	36.70000	54.0	63.0	84.0
## 466	79.0	18.0	98.0	37.70000	74.5	143.5	81.5
## 467	92.0	14.0	115.5	36.35000	55.0	58.0	82.0
## 468	124.0	16.0	140.5	36.80000	87.0	108.0	84.0
## 469	99.0	24.0	97.0	36.80000	48.0	98.5	54.5
## 470	98.0	18.0	184.0	36.95000	90.5	83.0	125.0
## 471	143.0	26.5	120.0	37.80000	69.0	103.0	78.5
## 472	119.5	20.0	113.5	36.20000	62.0	69.5	74.5
## 473	116.5	28.0	133.0	36.90000	80.0	125.0	102.0
## 475	128.5	22.0	178.5	36.60000	110.0	76.0	145.5
## 477	191.0	26.5	121.5	37.20000	66.0	154.0	82.0
## 478	90.0	15.0	113.0	37.80000	54.5	88.0	74.5
## 479	126.0	23.5	121.0	36.70000	68.5	103.5	87.0
## 480	183.5	21.0	130.0	36.65000	74.5	107.5	84.0
## 481	124.0	23.5	154.0	36.40000	94.5	88.0	120.0
## 482	260.5	21.5	141.5	36.70000	51.0	64.0	89.5
## 483	75.0	27.5	140.0	37.15000	73.0	68.0	96.0
## 484	149.0	33.5	145.5	37.45000	72.0	100.0	100.0
## 485	128.5	24.5	99.5	36.65000	43.5	88.0	55.0
## 486	198.0	21.0	120.5	36.75000	76.0	78.5	81.0
## 487	113.0	16.0	115.0	36.70000	74.0	99.0	84.5
## 488	229.0	21.0	132.0	36.55000	65.0	94.0	93.0
## 489	200.5	18.0	137.5	36.95000	87.0	87.5	94.0
## 490	120.5	24.5	112.5	37.10000	64.0	79.5	80.5
## 491	132.0	13.0	126.0	35.60000	74.0	61.0	99.0
## 492	114.0	17.0	142.0	36.70000	59.5	53.5	80.5
## 494	116.5	20.0	99.0	37.19000	46.5	89.0	58.0
## 495	198.0	25.5	96.5	37.80000	51.0	95.0	65.0
## 496	194.0	17.0	101.5	36.60000	60.0	81.5	72.0
## 497	107.0	20.0	133.5	37.05000	63.5	84.5	82.5
## 498	128.5	19.5	138.5	36.45000	92.0	81.0	111.0
## 499	98.0	17.5	144.0	36.95000	88.0	104.5	109.0
## 500	99.0	14.5	124.5	37.20000	54.5	63.0	66.5
## 501	182.5	18.5	113.5	35.34450	78.0	115.0	99.5
## 504	197.5	16.5	134.0	36.35000	77.5	92.0	90.0
## 505	223.0	21.5	146.0	33.49450	114.0	90.0	129.5
## 507	119.5	17.5	135.0	36.45000	89.0	86.5	104.5
## 509	191.0	21.5	109.5	34.95000	71.0	120.5	80.0
## 510	89.5	13.0	120.0	37.15000	60.0	77.0	67.0
## 511	99.5	14.5	161.5	37.15000	109.0	88.5	137.0
## 514	128.0	15.0	126.0	36.60000	78.0	88.0	88.0
## 515	325.5	15.0	116.0	36.85000	89.0	95.0	97.0
## 516	79.5	19.5	116.0	37.50000	82.5	130.0	87.5
## 517	204.0	33.0	139.0	37.25000	38.0	67.0	69.0
## 518	162.5	18.5	158.5	36.90000	67.0	53.0	89.0
## 519	258.0	22.0	143.0	36.85000	87.0	102.0	106.0
## 520	109.0	21.0	102.0	36.65000	69.0	116.0	77.0
## 522	209.5	23.5	113.5	36.65000	73.0	97.0	92.0
## 523	128.5	24.5	110.5	36.20000	46.0	79.5	61.0
## 525	258.5	16.0	117.5	37.10000	67.0	99.0	82.0
## 527	111.0	20.0	92.0	37.15000	57.0	119.5	64.5

## 528	128.5	21.0	159.0	36.90000	68.0	95.5	84.0
## 529	229.0	32.5	109.5	36.75500	79.5	111.5	98.5
## 530	130.5	10.5	105.5	37.00000	58.0	98.0	75.0
## 531	132.5	15.5	116.0	37.35000	84.5	97.5	96.0
## 532	112.0	22.0	121.0	36.05000	68.0	101.0	103.0
## 533	101.5	21.0	156.0	36.45000	62.0	86.0	92.0
## 534	103.5	24.5	99.5	37.05000	56.0	99.5	65.5
## 535	104.0	22.0	148.5	36.90000	99.5	104.0	115.0
## 537	188.5	19.5	141.0	36.35000	65.0	70.0	94.0
## 538	130.0	21.5	124.5	37.10000	73.0	98.5	89.0
## 539	141.5	14.0	116.5	37.25000	68.0	78.0	82.0
## 540	111.0	25.5	105.5	37.00000	62.0	97.0	84.0
## 541	107.0	18.0	128.0	36.75500	74.0	63.0	99.0
## 542	126.5	15.5	144.5	36.80000	90.0	110.0	103.0
## 544	144.5	17.5	107.5	37.45000	50.0	91.0	70.5
## 545	299.5	22.5	110.5	36.75000	98.5	86.5	115.0
## 546	135.5	21.5	125.5	36.60000	49.0	82.5	64.0
## 551	134.0	17.5	152.0	37.75000	65.0	92.0	84.0
## 552	125.0	23.0	103.0	36.80000	73.5	86.0	100.0
## 553	78.5	17.5	138.0	36.90000	77.0	73.5	86.5
## 554	215.5	23.5	95.5	36.90000	70.0	115.0	79.0
## 557	153.5	22.0	132.0	36.60000	56.0	85.0	81.0
## 558	84.0	19.0	122.0	36.55000	60.0	69.5	77.0
## 559	70.5	16.5	128.5	36.91000	83.0	56.0	95.0
## 561	142.0	28.5	130.0	37.25000	59.0	101.0	81.0
## 563	90.5	14.5	106.0	36.83000	50.5	99.5	59.0
## 565	119.0	22.0	149.5	36.65000	91.0	64.5	115.5
## 567	106.5	25.0	122.0	37.30000	82.0	79.0	103.0
## 568	82.5	25.5	95.5	36.90000	59.0	102.0	69.5
## 569	209.5	22.5	94.0	36.90000	76.5	89.0	83.5
## 570	145.0	23.5	117.5	36.50000	60.0	82.0	69.0
## 571	102.0	14.5	112.0	37.60000	66.0	82.0	90.0
## 573	128.5	19.5	114.0	36.75000	88.5	63.5	93.5
## 574	93.0	17.0	128.5	37.90000	63.5	78.5	77.0
## 575	168.0	23.5	129.0	36.30000	82.0	87.0	100.0
## 576	147.0	18.5	124.5	36.90000	77.5	80.5	85.5
## 577	150.5	20.0	97.5	36.35000	70.0	92.0	82.0
## 578	136.0	9.0	125.5	36.75000	80.0	74.0	90.0
## 579	84.0	16.0	101.5	36.40000	59.0	65.0	68.0
## 582	204.0	25.0	156.5	36.60000	83.0	63.0	105.0
## 583	75.0	15.0	136.5	36.75000	85.0	59.0	95.5
## 584	105.5	24.0	123.0	36.45000	66.0	80.0	98.0
## 585	148.0	28.0	123.5	37.60000	57.5	75.0	70.5
## 586	172.0	17.0	148.5	36.45000	80.0	91.0	96.0
## 587	168.5	18.0	145.0	36.65000	91.0	83.5	103.0
## 590	161.0	19.0	96.0	37.05000	48.5	116.5	59.5
## 593	108.0	18.0	135.0	36.75000	81.5	79.0	92.0
## 594	191.5	23.0	126.5	36.45000	38.0	70.0	50.0
## 595	120.0	19.5	101.0	36.40000	47.0	62.0	61.0
## 596	333.0	16.0	127.0	36.45000	79.0	86.0	91.5
## 597	266.0	17.5	119.0	36.50000	59.0	82.0	75.0
## 598	126.5	19.5	150.5	36.95000	68.0	67.0	107.0
## 599	85.0	20.0	109.0	36.20000	67.5	105.5	76.0
## 600	134.0	16.0	126.5	36.10000	65.0	85.0	80.0

## 601	179.5	23.5	107.5	37.50000	47.0	100.0	59.0
## 602	110.0	22.0	122.0	36.85000	68.0	79.0	83.5
## 603	128.5	14.0	134.0	36.75500	96.0	83.5	107.5
## 604	208.0	21.5	98.5	36.50000	63.0	77.0	69.0
## 605	179.0	26.0	96.5	36.50000	48.0	74.0	58.0
## 606	140.0	26.0	122.5	36.55000	61.5	48.5	84.0
## 608	94.0	19.0	116.5	37.40000	58.0	64.0	77.0
## 609	116.0	23.5	97.5	36.65000	88.0	98.0	94.0
## 610	127.0	23.5	125.5	37.20000	62.5	116.0	80.5
## 611	92.0	15.5	115.5	36.75000	43.0	60.0	64.0
## 613	225.5	21.0	137.5	37.00000	89.0	92.5	105.0
## 614	113.0	19.5	124.5	36.20000	77.0	61.0	93.0
## 616	128.5	31.0	126.5	36.20000	53.0	69.0	82.0
## 617	92.0	17.0	124.0	36.85000	62.5	70.0	76.5
## 618	77.5	19.0	113.0	36.70000	55.5	79.5	67.5
## 619	123.5	15.0	111.0	36.90000	69.5	57.0	84.0
## 620	137.0	38.0	158.5	36.66500	69.0	101.0	85.0
## 622	263.5	22.0	105.5	37.95000	77.0	119.0	88.0
## 623	128.5	24.5	155.0	37.00000	57.0	113.0	86.0
## 625	164.0	24.0	120.5	37.30000	82.5	96.0	91.5
## 627	128.5	23.0	102.0	36.95000	43.0	71.0	56.0
## 629	122.5	13.5	130.5	36.75000	70.5	80.0	89.0
## 630	156.5	16.0	110.5	37.15000	61.0	70.0	74.0
## 632	166.0	15.5	129.5	36.02500	68.0	86.0	84.0
## 633	110.5	34.0	150.5	36.45000	67.5	77.0	95.0
## 634	83.0	22.0	144.0	37.00000	46.0	69.0	67.5
## 637	297.5	21.0	114.5	36.50000	58.5	91.0	70.5
## 639	104.0	19.5	116.5	37.40000	56.0	86.0	76.0
## 640	241.0	22.0	141.5	36.80000	108.5	99.5	133.0
## 641	128.5	14.0	110.5	36.55000	69.0	53.0	77.0
## 642	187.0	44.5	106.5	36.85000	55.0	67.0	82.0
## 643	111.0	19.5	120.0	38.45000	68.5	99.5	83.0
## 645	110.5	17.0	126.5	36.25000	60.0	94.0	86.0
## 646	120.5	18.0	123.5	36.60000	61.5	67.0	80.0
## 647	190.5	19.5	147.5	36.60000	79.0	93.5	96.5
## 649	97.5	19.0	115.5	36.40000	74.0	84.0	83.0
## 651	162.0	22.0	127.5	36.55000	68.0	86.0	84.0
## 652	150.0	22.5	97.0	36.50000	75.0	87.0	81.0
## 654	141.0	18.5	102.5	36.90000	69.0	61.0	96.0
## 655	128.5	21.0	149.0	36.60000	93.0	90.5	132.0
## 656	107.0	25.0	87.0	37.55000	50.0	108.0	59.0
## 658	138.5	20.0	139.5	36.90000	69.0	71.0	76.0
## 659	135.0	24.0	156.5	36.77500	106.5	117.0	133.0
## 661	278.5	16.5	117.5	36.95000	59.0	70.0	75.5
## 664	128.5	19.5	158.0	35.10000	93.0	72.0	121.5
## 665	150.5	19.0	134.5	36.45000	58.0	52.0	83.5
## 666	140.0	18.0	107.0	37.05000	64.0	63.5	74.0
## 667	128.5	19.0	101.0	36.85000	60.0	110.5	72.5
## 668	144.0	19.5	108.5	36.75000	51.0	73.5	67.5
## 669	81.0	17.0	100.0	37.15000	60.0	78.5	70.0
## 670	132.5	20.5	92.5	37.20000	54.0	82.0	63.0
## 671	215.5	21.0	121.5	37.35000	46.0	131.0	69.0
## 673	100.5	24.5	102.5	38.55000	54.0	120.5	64.0
## 674	101.0	13.0	100.5	36.65000	61.0	78.5	71.5



## 677	96.5	19.0	148.0	36.65000	89.0	71.0	114.0
## 679	120.0	14.0	131.5	36.80000	57.0	49.5	70.5
## 681	145.5	16.5	133.5	36.15000	116.0	89.0	124.0
## 682	147.0	20.5	109.0	36.55000	72.5	98.5	79.0
## 683	101.0	38.5	137.0	36.90000	71.0	60.0	98.0
## 684	217.0	17.0	100.5	36.65000	71.0	91.5	77.0
## 686	110.0	27.0	137.5	36.99500	96.5	104.5	116.5
## 688	119.0	20.5	129.5	36.65000	81.0	75.0	93.0
## 689	167.0	17.0	130.0	37.50000	60.0	76.5	70.0
## 690	106.0	16.0	101.0	36.75000	60.5	67.5	72.0
## 692	117.0	21.5	127.0	36.85000	71.0	52.0	84.0
## 693	186.5	17.0	122.5	36.71500	68.0	87.0	86.0
## 694	108.0	23.0	130.5	36.70000	79.0	69.0	96.0
## 695	128.5	14.5	100.5	36.40000	62.5	80.0	71.0
## 696	175.0	17.0	120.0	36.80000	83.0	89.0	113.5
## 697	130.0	24.0	101.5	36.60000	53.0	91.0	65.0
## 698	111.0	15.5	125.0	36.85000	67.0	62.0	96.0
## 699	204.0	18.0	118.0	36.55000	68.0	58.0	83.0
## 700	119.0	25.0	100.0	36.65000	59.0	102.0	68.0
## 701	229.0	13.0	113.0	37.45000	78.0	100.0	95.0
## 702	180.0	23.0	137.0	36.90000	44.5	105.0	54.0
## 703	134.5	14.5	124.0	36.15000	47.0	95.5	72.0
## 704	251.5	25.0	135.0	36.90000	42.0	89.0	65.0
## 705	154.0	17.0	141.5	36.40000	73.0	84.5	97.0
## 706	168.0	26.5	127.5	36.60000	69.5	93.5	87.5
## 707	117.0	20.0	142.0	36.75000	71.5	69.5	90.0
## 708	104.0	15.5	138.5	36.75000	68.0	86.0	84.0
## 709	117.0	18.5	123.0	36.75000	78.0	120.5	89.5
## 710	272.0	24.0	103.0	36.60000	55.0	95.0	77.0
## 711	147.0	19.0	119.5	36.80000	67.5	46.0	76.5
## 714	128.5	19.5	121.5	36.55000	57.5	89.0	76.5
## 715	132.0	52.0	106.5	36.65000	50.0	81.0	62.0
## 716	105.0	14.5	129.5	37.05000	89.0	86.0	113.0
## 717	97.5	10.0	130.0	36.55000	93.0	81.0	115.0
## 718	112.0	26.0	107.5	37.60000	70.0	121.0	83.5
## 720	159.5	17.5	170.5	36.25000	67.0	72.5	99.0
## 722	135.0	18.0	134.5	36.55000	86.0	85.0	109.0
## 724	116.0	26.0	110.0	36.25000	70.0	73.0	80.0
## 725	100.0	24.0	127.5	36.75000	82.0	57.5	106.5
## 727	178.5	17.0	132.5	36.60000	66.5	99.5	82.0
## 728	125.0	18.0	127.0	37.35000	89.0	84.0	107.0
## 729	136.5	11.5	103.0	36.55000	63.0	111.0	71.0
## 732	128.5	15.0	122.5	36.95000	67.0	84.0	82.0
## 733	102.0	26.0	114.5	37.10000	60.0	80.5	75.0
## 734	120.5	16.0	116.5	36.70000	72.5	72.0	80.5
## 735	120.0	17.5	131.5	36.50000	78.0	59.0	102.5
## 736	115.0	21.5	100.5	37.20000	70.5	73.0	79.0
## 737	267.0	20.0	90.5	36.55000	91.0	113.0	100.5
## 741	87.5	31.5	140.0	36.90000	92.0	118.0	102.0
## 742	107.0	20.0	88.0	36.85000	55.0	117.0	69.0
## 743	166.0	24.0	97.5	37.15000	46.5	100.0	54.0
## 744	87.0	26.0	125.5	38.30000	87.0	118.5	97.0
## 745	146.5	23.0	129.0	36.75000	73.5	112.5	85.0
## 746	128.5	15.0	128.0	36.55000	75.5	49.0	89.5

## 747	81.0	17.0	116.0	36.85000	74.5	78.5	84.0
## 748	89.5	15.5	155.0	37.20000	100.5	87.0	129.0
## 749	159.5	19.5	79.0	36.60000	77.0	139.0	83.0
## 750	148.0	22.0	102.5	36.50000	65.5	72.5	79.5
## 751	84.0	20.5	114.5	36.80000	68.0	75.0	83.0
## 752	144.0	18.0	107.5	36.70000	54.0	75.5	66.0
## 753	128.5	18.0	156.5	37.00000	87.0	97.5	109.5
## 755	124.5	20.0	110.0	36.00000	67.0	61.0	74.0
## 757	143.5	21.0	125.0	36.40000	75.0	113.5	87.0
## 759	178.5	23.0	139.0	37.35000	90.0	102.5	98.5
## 760	174.0	20.0	93.0	36.00000	64.0	79.0	73.0
## 761	127.0	21.0	129.0	36.80000	62.0	79.5	81.0
## 762	146.0	20.0	135.0	36.70000	78.0	75.0	110.0
## 763	129.5	22.0	109.5	37.00000	64.5	73.5	92.5
## 764	154.0	19.5	131.0	36.85000	49.0	66.0	69.5
## 765	120.5	13.0	105.0	36.99500	68.0	115.0	84.0
## 766	85.0	21.0	112.0	36.50000	61.0	67.5	76.0
## 768	174.5	20.5	101.5	36.55000	55.5	102.5	57.0
## 769	141.0	21.5	151.0	36.55000	51.0	54.5	71.0
## 770	134.5	17.0	110.5	36.50000	50.0	87.0	62.0
## 774	132.5	14.0	103.0	36.70000	56.5	83.0	63.5
## 775	97.0	24.5	129.5	36.90000	91.5	84.0	126.0
## 776	89.0	20.5	127.5	36.90000	68.0	90.5	81.0
## 777	156.0	16.5	138.5	36.50000	57.0	60.5	79.0
## 778	128.5	17.0	123.5	37.05000	60.0	97.0	73.0
## 779	129.0	22.5	121.5	37.00000	64.5	118.0	74.0
## 780	174.0	19.5	131.0	36.60000	62.0	76.0	80.5
## 782	112.5	17.5	134.5	36.70000	61.0	57.5	63.0
## 783	117.0	17.0	121.0	35.65000	74.5	67.0	85.5
## 784	159.0	18.0	93.5	36.25000	60.5	81.5	73.0
## 785	113.0	35.5	123.5	36.70000	67.5	103.0	83.5
## 786	154.5	18.0	105.0	37.30000	57.0	108.0	80.0
## 788	294.5	21.5	121.5	36.80000	70.0	94.5	87.5
## 789	140.0	17.5	130.5	36.85000	53.0	59.0	67.5
## 790	128.0	14.5	108.0	37.10000	54.0	87.5	67.0
## 791	138.5	29.0	113.0	37.70000	77.0	128.0	88.0
## 792	189.0	18.5	123.0	36.75500	76.5	88.0	92.5
## 793	118.5	20.0	111.0	36.60000	43.0	96.0	52.0
## 794	153.0	18.5	164.5	37.05000	110.0	76.0	128.0
## 795	137.0	17.0	128.0	36.65000	68.0	86.0	84.0
## 796	130.5	15.5	126.5	36.85000	65.5	49.0	84.5
## 797	105.0	50.0	131.5	37.00000	86.5	69.0	114.0
## 799	96.0	15.0	135.5	36.65000	68.0	86.0	84.0
## 801	77.5	36.5	108.5	38.30000	71.0	89.0	88.0
## 803	236.5	29.0	135.5	36.85000	55.5	89.5	62.0
## 804	128.5	24.0	106.5	37.10000	77.5	85.0	90.5
## 805	181.0	16.5	98.0	36.40000	72.0	90.5	80.0
## 806	90.0	19.0	149.5	37.00000	68.0	86.0	84.0
## 807	272.0	26.0	118.0	36.75000	61.0	96.0	91.0
## 808	202.5	22.0	147.5	36.45000	68.5	65.0	94.5
## 809	165.0	21.0	120.0	37.35000	79.0	102.0	85.5
## 810	165.0	15.0	105.0	37.55000	59.0	74.0	70.0
## 811	166.5	12.0	96.5	36.40000	61.0	106.0	70.0
## 812	128.5	19.5	153.0	37.65000	73.5	83.0	86.0

## 814	184.0	20.0	124.0	36.15000	63.0	58.0	101.0
## 815	134.0	34.0	139.5	36.50000	71.5	82.0	102.0
## 816	246.5	22.0	137.0	37.80000	83.0	110.0	97.0
## 817	96.0	16.5	143.0	36.20000	84.5	87.0	105.0
## 819	94.0	19.5	132.0	36.70000	99.0	84.5	110.0
## 820	194.0	20.0	125.5	37.40000	77.0	84.0	109.0
## 821	128.5	17.0	149.5	37.10000	70.5	78.0	104.5
## 822	134.0	15.0	122.5	35.35000	90.5	68.5	100.0
## 823	142.5	18.0	127.5	36.55000	92.0	103.0	108.0
## 824	168.5	20.0	124.0	34.65000	109.5	105.5	121.0
## 825	151.0	19.5	117.5	36.85000	71.0	99.5	85.0
## 826	163.5	15.5	112.0	37.15000	76.5	108.5	86.5
## 827	159.5	22.0	102.5	36.66000	80.0	117.0	86.0
## 828	121.0	32.0	106.5	36.85000	68.0	104.0	84.0
## 829	128.5	16.5	100.5	36.95000	59.5	64.0	93.5
## 830	126.0	16.5	125.0	36.25000	75.0	62.5	93.0
## 831	220.0	14.5	122.5	37.05000	54.0	107.0	74.0
## 835	144.5	15.0	112.0	36.45000	50.0	87.0	67.0
## 836	213.5	35.5	97.5	36.80000	60.0	112.0	80.0
## 837	151.0	18.5	113.0	36.15000	61.0	106.0	72.0
## 838	128.5	17.0	100.5	36.60000	83.5	76.5	88.0
## 839	145.0	16.5	152.5	36.85000	83.0	83.0	102.0
## 840	124.0	19.5	136.0	36.65000	87.5	71.0	114.0
## 841	140.0	17.5	143.0	36.60000	57.0	69.0	85.0
## 842	103.0	16.0	139.0	36.85000	94.0	69.0	101.0
## 843	357.0	18.0	110.0	36.65000	64.0	87.0	72.5
## 844	112.0	16.0	166.0	36.65000	92.5	79.5	96.0
## 845	117.0	18.5	194.5	37.10000	108.0	91.0	151.5
## 847	107.0	16.5	131.5	36.69000	71.0	63.0	83.5
## 849	114.0	25.5	116.0	36.00000	61.5	81.5	78.0
## 850	226.5	24.0	110.5	36.85000	69.5	101.0	79.5
## 851	122.0	30.0	146.5	36.20000	66.0	75.0	99.0
## 854	144.0	17.0	125.5	36.55000	100.0	91.0	100.0
## 855	119.5	21.5	92.5	36.60000	57.5	85.5	69.0
## 856	158.0	14.5	124.5	36.70000	86.0	66.0	94.5
## 857	272.0	23.0	130.5	37.30000	70.5	94.0	81.5
## 858	118.0	16.5	89.5	36.95000	58.0	79.0	65.0
## 859	255.0	16.5	107.0	37.60000	82.0	88.0	92.5
## 861	128.5	22.5	128.0	36.65000	76.0	72.0	104.0
## 862	172.0	29.0	138.5	36.80000	77.0	81.5	110.5
## 863	128.5	34.5	130.5	36.70000	74.5	74.0	94.0
## 864	92.0	16.0	148.5	36.70000	78.0	66.0	99.0
## 865	119.0	22.5	118.5	36.65000	73.5	85.0	87.5
## 867	128.0	19.5	152.5	36.75000	86.0	65.0	142.0
## 869	121.5	24.5	181.0	36.50000	107.5	109.5	132.0
## 870	127.5	19.0	139.5	36.90000	73.5	68.5	95.0
## 874	144.5	19.0	100.5	36.75000	77.5	78.5	83.0
## 875	131.0	19.5	99.0	36.52000	37.5	79.0	45.0
## 876	96.0	20.0	104.0	35.90000	68.0	74.0	82.0
## 877	131.0	17.5	109.5	37.10000	60.0	83.0	88.0
## 878	96.0	19.5	133.5	36.50000	101.0	67.0	114.0
## 879	220.0	20.5	107.0	36.35000	56.5	52.5	60.0
## 880	101.0	25.0	143.0	36.65000	64.0	98.0	125.0
## 881	100.5	16.5	103.5	37.05000	60.5	108.0	74.5

## 882	192.5	21.5	128.5	36.60000	97.0	98.0	106.0
## 883	163.5	17.0	119.0	37.10000	55.5	85.5	80.0
## 884	143.0	15.5	122.5	37.20000	74.0	66.0	86.0
## 885	171.0	18.5	91.0	36.70000	54.0	70.5	60.5
## 887	118.5	15.0	110.0	37.05000	52.0	69.0	86.0
## 888	116.5	18.0	131.5	37.35000	44.5	69.5	60.0
## 889	82.0	13.5	92.0	36.20000	72.0	68.0	78.0
## 890	141.5	26.0	113.0	36.70000	74.0	114.5	86.0
## 892	106.0	19.5	137.0	37.22000	82.5	60.0	102.0
## 893	125.0	16.5	136.5	36.60000	65.5	120.5	79.5
## 894	99.0	18.0	142.0	36.20000	83.0	71.0	84.0
## 895	149.0	16.0	110.5	36.25000	72.0	80.5	84.5
## 896	155.0	13.0	169.0	36.90000	78.0	78.0	114.0
## 897	145.5	13.0	129.0	36.55000	72.0	67.0	103.0
## 898	155.5	20.5	154.5	37.20000	79.0	97.5	101.0
## 901	128.5	20.0	110.5	36.70000	46.0	87.5	58.0
## 902	132.0	24.5	118.0	37.00000	59.0	128.5	73.0
## 904	99.0	50.5	118.0	37.00000	70.0	66.0	86.0
## 906	203.5	20.5	122.5	37.88500	53.5	91.5	65.5
## 907	135.5	15.5	139.0	37.85000	89.0	102.0	97.5
## 908	98.0	19.5	144.5	36.25000	91.0	63.0	112.0
## 909	114.0	19.0	145.0	36.50000	67.5	61.5	86.5
## 910	124.0	27.0	126.5	36.55000	55.5	60.0	84.0
## 911	217.0	20.0	131.5	36.80000	63.0	72.0	88.5
## 912	160.0	17.0	114.0	36.75000	67.0	100.5	76.0
## 913	125.0	20.0	105.0	34.00000	60.5	119.5	68.5
## 914	248.0	18.5	94.0	36.50000	61.5	76.5	71.5
## 915	151.0	20.0	116.0	37.55000	53.0	69.0	79.0
## 916	170.0	21.0	126.5	37.15000	50.5	80.0	69.0
## 917	334.0	37.5	113.5	36.70000	67.0	106.0	96.0
## 920	117.0	18.5	125.0	36.60000	80.0	65.0	94.0
## 921	220.5	17.0	161.0	37.20000	109.5	77.0	124.0
## 922	86.0	17.0	118.0	36.60000	83.0	61.0	96.0
## 923	266.5	19.5	111.5	36.75000	76.5	81.5	88.0
## 924	229.0	16.0	113.0	36.35000	69.0	79.0	79.0
## 925	133.0	19.0	113.5	36.80000	69.5	70.0	88.5
## 926	183.0	18.0	100.0	36.75500	62.0	58.0	75.5
## 927	266.5	26.5	135.5	36.65000	81.5	111.0	104.0
## 928	106.0	37.0	165.5	36.70000	128.0	146.0	148.5
## 929	360.5	17.0	109.5	36.94000	59.0	87.0	67.0
## 930	111.0	35.0	127.0	37.20000	84.0	110.0	97.0
## 931	392.5	16.5	122.5	36.74500	72.0	75.5	90.5
## 933	144.0	23.5	131.0	36.50000	78.0	102.0	81.0
## 934	149.0	24.0	129.5	36.80000	96.0	134.0	101.5
## 935	96.5	21.5	126.5	37.85000	51.0	105.0	61.0
## 936	102.0	19.0	118.0	36.15000	57.0	129.0	71.0
## 937	179.5	21.5	106.5	36.75500	65.0	86.0	76.0
## 938	205.5	14.5	110.0	36.75000	65.0	97.0	74.0
## 939	60.5	17.5	106.0	36.55000	57.0	76.0	82.0
## 940	115.0	17.5	138.0	36.90000	70.0	66.0	76.0
## 942	169.5	18.5	82.0	37.30000	63.0	104.0	81.0
## 944	247.0	24.5	126.5	38.05000	95.5	100.5	106.0
## 945	164.0	23.5	104.5	36.40000	42.0	101.0	50.0
## 946	95.0	14.0	128.5	36.75000	71.0	63.0	85.5

## 947	104.5	20.0	93.5	36.65000	39.0	71.5	71.5
## 948	128.5	18.0	131.5	36.70000	70.5	100.5	85.5
## 949	85.5	18.5	116.0	35.95000	84.0	118.5	105.0
## 950	128.5	21.0	181.0	36.65000	89.0	83.0	104.0
## 951	103.5	16.0	138.5	36.95000	80.0	62.0	106.0
## 953	136.0	18.0	106.5	36.40000	87.0	80.0	100.0
## 956	127.5	28.0	113.5	36.70000	68.0	78.0	93.0
## 958	115.0	17.5	157.0	36.85000	78.0	93.0	94.5
## 959	175.0	20.5	106.5	36.40000	64.0	97.0	93.5
## 960	222.0	14.0	144.0	37.00000	74.0	57.0	97.0
## 961	110.5	16.0	112.0	37.15000	68.0	86.0	84.0
## 962	79.0	45.0	91.5	37.05000	52.0	93.0	62.5
## 964	95.0	25.0	130.5	36.55000	77.5	123.5	84.5
## 965	103.5	19.5	123.5	36.75000	55.0	83.0	67.0
## 966	126.0	24.0	127.5	37.75000	71.0	146.0	84.0
## 967	128.5	12.0	166.5	36.45000	82.5	67.5	99.0
## 968	105.0	18.5	95.0	36.75000	62.5	75.0	70.0
## 969	97.0	17.0	87.5	36.85000	39.0	70.0	62.0
## 970	135.5	17.5	102.0	36.55000	50.0	84.0	61.0
## 972	162.0	26.0	104.5	36.40000	43.0	73.0	66.0
## 973	93.5	21.0	151.0	38.15000	89.0	137.0	118.0
## 974	76.5	31.5	124.0	37.25000	82.0	117.0	82.5
## 975	174.0	16.0	116.5	36.35000	71.0	55.5	81.5
## 976	248.0	33.0	145.0	37.39188	50.5	71.5	83.5
## 977	100.5	16.0	120.0	36.65000	78.0	70.0	87.5
## 978	110.0	24.5	106.0	36.75000	41.0	113.0	60.0
## 980	105.0	16.0	127.0	36.75000	67.5	80.5	89.5
## 981	112.5	26.0	92.0	37.30000	50.0	88.0	72.0
## 983	343.0	26.5	133.0	37.05000	81.0	116.5	94.0
## 984	143.0	34.5	152.0	36.28068	64.0	81.0	106.0
## 986	96.5	22.0	121.5	36.70000	68.0	99.0	88.0
## 987	119.0	32.5	149.5	36.55000	84.5	63.5	121.5
## 989	140.0	18.5	101.5	37.65000	76.0	56.0	86.0
## 990	89.5	36.5	122.5	36.90000	63.0	75.0	90.0
## 991	148.0	15.0	108.5	37.05000	69.0	83.0	86.0
## 992	124.0	14.0	88.5	36.40000	49.0	100.0	55.0
## 994	155.0	13.0	109.5	36.50000	73.0	99.0	78.0
## 995	240.0	18.5	152.0	37.50000	86.0	82.0	103.0
## 996	84.0	24.0	153.0	36.95000	85.0	119.0	98.5
## 997	168.5	21.5	124.5	36.85000	58.0	59.0	82.0
## 998	97.0	16.5	126.0	36.85000	48.0	66.5	63.5
## 1000	87.0	18.0	136.0	37.60000	62.0	74.0	80.0
## 1002	399.5	20.0	140.5	37.00000	73.5	115.5	95.0
## 1003	104.5	27.0	118.5	38.10000	70.0	101.0	89.0
## 1004	154.0	23.5	98.5	36.45000	55.0	113.0	67.0
## 1005	132.0	21.5	105.0	36.20000	73.0	106.5	69.5
## 1006	154.0	25.0	121.5	36.80000	73.0	66.0	100.5
## 1007	84.0	28.0	146.5	37.99500	69.5	110.0	82.5
## 1008	109.5	8.5	100.5	35.20000	36.0	67.5	45.5
## 1011	330.5	16.0	129.0	36.70000	103.0	83.0	121.0
## 1013	147.0	25.5	98.0	36.55000	62.0	79.0	72.5
## 1014	131.0	26.5	117.0	36.55000	67.5	73.5	71.5
## 1015	119.0	22.5	110.0	35.50000	80.0	86.0	90.0
## 1016	103.0	17.5	130.0	37.00000	79.0	90.0	92.0

## 1017	108.0	17.5	97.5	37.00000	71.0	91.0	80.0
## 1018	128.5	16.5	136.5	36.40000	94.0	68.0	106.0
## 1019	85.5	17.5	132.5	36.45000	65.0	72.0	93.5
## 1021	107.0	18.0	108.5	36.35000	63.0	99.0	71.0
## 1022	243.0	20.5	103.5	36.45000	38.0	61.0	62.5
## 1023	100.0	18.0	138.5	36.75000	83.0	88.5	94.5
## 1025	128.5	27.5	103.5	36.75500	52.0	74.5	70.5
## 1026	90.0	16.5	136.5	37.10000	55.0	71.0	78.5
## 1028	177.0	17.0	109.5	36.65000	81.0	65.0	93.0
## 1029	125.0	18.5	119.0	36.90000	77.5	71.5	102.0
## 1030	135.5	17.5	115.0	36.70000	52.0	55.0	66.5
## 1031	99.0	20.0	115.5	36.45000	84.0	83.0	84.0
## 1032	158.5	14.5	134.5	36.35000	76.0	75.5	96.0
## 1033	145.0	16.5	129.0	37.20000	78.0	79.5	86.0
## 1035	101.0	17.0	130.0	36.70000	75.0	80.0	90.0
## 1036	125.5	22.0	108.0	36.30000	81.0	79.5	87.0
## 1037	96.5	21.5	108.5	36.75000	66.5	83.5	87.0
## 1038	209.0	22.0	121.0	37.30000	77.5	87.5	90.5
## 1040	93.0	22.0	124.0	38.05000	78.0	92.0	95.0
## 1042	175.0	15.0	151.5	36.80000	76.5	66.0	104.0
## 1043	128.5	17.5	138.0	36.65000	109.0	77.0	119.0
## 1044	148.0	16.0	126.0	36.95000	80.0	89.0	100.0
## 1046	122.0	20.5	136.0	36.75000	82.0	141.0	91.0
## 1047	131.0	26.0	128.5	36.60000	81.5	72.5	104.5
## 1048	130.0	13.5	107.0	36.60000	59.0	68.5	83.0
## 1049	105.0	17.0	140.5	36.75000	99.0	98.0	113.0
## 1050	84.0	18.5	138.0	36.55000	70.0	80.0	87.0
## 1051	93.0	18.0	116.5	37.00000	69.5	95.5	82.5
## 1053	147.0	27.5	125.5	37.00000	77.0	133.0	88.0
## 1054	127.5	22.5	128.0	37.00000	68.0	97.0	85.0
## 1055	162.5	27.0	122.5	36.30000	60.5	124.0	76.5
## 1056	162.0	19.0	119.0	36.65000	53.5	68.5	67.5
## 1057	124.5	15.5	141.5	36.75000	85.0	64.0	109.0
## 1059	104.0	21.5	111.0	36.45000	48.0	55.0	69.0
## 1060	157.0	27.0	118.0	38.00000	38.0	59.0	61.5
## 1061	152.5	25.0	136.0	37.10000	51.5	101.0	67.0
## 1062	185.5	19.0	105.0	36.50000	59.0	70.0	79.0
## 1063	82.5	16.5	112.5	36.55000	71.5	72.0	94.0
## 1064	226.5	19.0	123.0	36.65000	76.0	146.5	84.5
## 1065	124.5	29.5	102.5	37.00000	56.0	80.5	85.0
## 1068	130.5	31.0	156.0	36.75000	71.5	92.0	99.5
## 1069	100.0	23.5	134.5	37.25000	64.0	93.0	87.5
## 1070	114.0	19.0	158.0	37.55000	110.5	95.5	130.5
## 1071	140.0	18.5	116.0	36.65000	82.0	103.5	90.0
## 1072	110.0	24.0	126.0	37.30000	74.0	93.5	80.5
## 1073	168.0	18.5	122.5	37.15000	57.0	107.5	70.5
## 1074	219.0	18.5	125.5	36.55000	80.0	85.0	93.5
## 1075	102.0	17.0	124.0	37.15000	80.0	103.0	90.0
## 1076	128.5	16.5	116.5	36.60000	79.5	57.5	89.5
## 1077	159.5	26.0	147.0	37.25000	61.5	108.0	87.0
## 1078	93.0	21.0	90.0	37.05500	62.5	128.5	73.0
## 1079	148.0	22.0	102.5	36.50000	65.5	72.5	79.5
## 1080	241.0	26.5	128.5	36.50000	97.0	89.0	113.0
## 1081	137.5	21.0	151.0	33.95000	89.5	75.0	93.0

## 1084	221.0	15.5	130.5	36.85000	71.0	118.5	99.0
## 1085	187.5	17.0	145.5	36.45000	44.5	82.5	77.0
## 1086	169.5	18.0	94.0	36.40000	52.0	115.0	76.0
## 1087	129.0	19.0	136.5	36.65000	77.0	78.0	106.0
## 1088	389.0	22.0	122.0	36.60000	65.0	82.0	79.5
## 1089	108.0	17.5	119.5	37.70000	41.0	107.5	52.0
## 1090	77.0	27.0	102.0	36.85000	62.5	112.5	71.0
## 1091	89.5	17.0	102.5	36.91500	68.0	86.0	84.0
## 1092	110.0	18.5	112.0	36.85000	67.5	91.5	86.5
## 1093	148.0	18.0	160.0	36.95000	86.0	84.0	108.0
## 1094	128.5	15.0	99.0	36.55000	52.0	78.0	68.0
## 1095	90.0	14.5	136.0	36.75000	77.5	94.5	88.0
## 1096	93.0	19.5	133.5	36.25000	89.5	74.0	102.0
## 1097	183.0	22.0	145.5	34.15000	79.0	61.0	101.0
## 1099	196.0	19.0	127.0	36.45000	67.0	52.5	96.5
## 1100	128.5	24.0	156.0	36.45000	83.5	66.0	112.0
## 1101	115.0	10.0	107.0	37.05000	84.5	111.0	97.0
## 1102	122.0	18.5	135.0	36.25000	46.0	54.0	62.0
## 1103	170.0	29.0	136.0	37.95000	70.5	71.5	107.5
## 1104	100.0	17.0	127.5	36.55000	94.5	59.5	109.5
## 1105	113.0	16.0	105.5	37.60000	53.0	86.5	71.5
## 1106	94.0	24.0	122.5	36.85000	73.5	64.5	100.0
## 1107	91.0	23.0	141.5	36.50000	81.0	61.5	92.5
## 1108	191.5	21.5	96.0	38.00000	55.0	143.0	63.5
## 1109	134.0	17.0	112.5	36.90000	65.0	68.0	71.5
## 1110	113.5	22.5	87.5	37.40000	82.0	74.5	97.0
## 1111	165.0	21.0	106.0	37.10000	53.5	119.5	64.5
## 1112	188.0	21.5	117.0	36.55000	89.5	124.5	99.5
## 1113	131.0	20.5	111.0	37.33000	67.0	106.5	74.0
## 1115	209.5	22.5	99.0	37.90000	58.5	104.5	72.5
## 1118	142.0	17.0	101.5	36.80000	54.0	60.0	64.5
## 1119	101.5	18.5	154.5	36.88000	99.5	97.5	125.5
## 1120	149.5	21.5	152.5	36.90000	98.0	107.5	112.5
## 1121	135.5	20.0	115.0	36.40000	55.0	46.0	74.0
## 1122	85.0	17.0	107.0	36.55000	101.5	86.0	112.0
## 1123	110.0	20.5	124.5	38.35000	71.0	102.0	81.0
## 1125	110.0	17.5	135.0	36.95000	80.5	71.0	92.0
## 1126	185.0	18.5	106.5	36.95000	59.5	99.5	71.5
## 1127	185.5	17.5	143.5	37.05000	54.0	82.0	71.5
## 1128	118.0	14.0	103.5	37.05000	73.5	86.0	84.5
## 1129	128.5	14.0	125.0	36.65000	81.5	80.5	91.5
## 1130	118.0	18.0	92.0	37.30000	67.0	112.0	78.0
## 1132	109.0	19.0	148.0	36.75000	75.0	103.0	89.0
## 1133	160.0	18.5	131.5	36.82500	67.0	69.0	86.0
## 1134	115.0	18.0	121.5	36.80000	62.0	80.0	79.5
## 1135	178.5	14.0	127.5	37.70000	101.0	96.5	109.5
## 1136	128.5	49.0	130.0	37.15000	87.0	103.0	108.5
## 1138	129.0	19.5	121.5	36.65000	66.5	105.0	77.5
## 1139	118.0	10.5	120.5	36.40000	77.0	66.5	92.0
## 1141	133.0	18.0	95.5	35.80000	64.5	103.0	71.5
## 1142	82.0	18.5	120.5	37.15000	43.0	92.5	60.5
## 1143	162.5	15.0	110.5	36.70000	71.0	67.0	86.0
## 1145	128.5	17.0	110.5	36.20000	58.0	103.0	76.0
## 1146	96.0	17.5	115.5	36.40000	65.0	80.0	75.5

## 1147	110.0	20.5	104.5	36.85000	72.5	67.0	87.5
## 1148	134.0	23.0	137.5	36.50000	54.0	55.5	70.0
## 1149	153.0	18.0	125.5	36.55000	64.0	63.0	85.0
## 1150	98.0	15.5	121.5	37.65000	53.0	102.0	76.0
## 1151	123.0	18.0	87.0	36.10000	55.0	80.0	67.0
## 1152	130.5	17.5	128.5	37.60000	41.0	60.0	62.0
## 1153	118.5	29.0	105.0	37.40000	46.5	96.5	73.0
## 1154	151.0	22.5	152.0	37.15000	66.0	73.5	82.0
## 1155	115.0	18.5	127.0	36.45000	84.0	68.0	101.0
## 1156	143.0	17.5	133.5	37.30000	51.5	72.0	69.5
## 1157	127.5	14.5	109.5	36.10000	61.0	89.0	86.5
## 1158	80.0	24.0	106.0	36.75000	68.0	86.0	84.0
## 1159	150.5	21.0	142.5	37.45000	64.5	75.0	83.0
## 1160	111.5	17.0	123.0	36.55000	90.5	78.0	98.5
## 1161	162.0	43.0	134.0	36.99038	68.0	86.0	84.0
## 1163	221.0	27.5	133.0	37.75000	56.0	84.0	80.5
## 1164	119.0	18.5	110.5	37.15000	48.0	142.0	40.5
## 1165	176.0	24.5	101.5	37.00000	61.0	82.0	84.0
## 1167	243.0	17.5	114.0	36.65000	84.0	104.5	95.0
## 1168	102.5	21.0	157.5	36.85000	105.0	92.5	116.5
## 1169	132.5	19.5	146.5	36.50000	83.0	60.0	103.0
## 1170	98.0	20.5	117.5	36.90000	82.0	62.0	95.0
## 1171	101.5	30.0	110.0	36.65000	53.5	59.5	75.5
## 1172	237.5	27.5	122.0	36.50000	54.5	90.5	66.5
## 1173	99.0	18.5	104.5	37.55000	68.0	86.0	84.0
## 1174	107.0	19.0	131.0	36.80000	82.5	61.0	97.5
## 1177	136.0	26.5	127.5	36.90000	69.5	133.5	84.0
## 1178	128.5	18.0	135.5	36.90000	56.0	91.0	76.5
## 1179	356.0	20.0	110.5	36.97000	72.0	123.0	91.0
## 1180	121.5	21.5	108.0	37.90000	42.0	73.0	53.0
## 1181	251.0	16.5	146.5	36.95000	54.5	66.0	96.0
## 1182	221.0	17.5	157.5	36.65000	75.0	80.0	125.0
## 1183	110.5	24.0	131.5	36.80000	75.0	83.0	101.0
## 1185	144.5	13.5	116.0	36.85000	49.5	83.0	67.5
## 1186	288.5	21.0	110.0	37.45000	43.5	122.5	55.0
## 1188	133.5	21.5	96.5	36.58000	62.0	79.0	72.0
## 1189	112.0	21.0	120.5	36.75000	73.5	95.5	84.0
## 1190	116.5	13.0	99.0	36.75000	75.0	129.0	91.0
## 1191	128.5	14.0	108.5	36.20000	72.0	61.0	77.0
## 1192	130.0	20.5	141.0	36.45000	74.5	78.0	94.5
## 1193	179.0	21.0	110.5	37.40000	56.0	84.0	82.0
## 1194	73.0	14.0	109.5	36.85000	60.5	58.0	71.0
## 1195	101.5	25.0	147.0	37.00000	68.0	127.0	84.0
## 1196	119.0	33.0	104.0	36.70000	55.0	96.0	65.5
## 1197	261.0	14.0	102.0	36.85000	88.5	86.5	109.0
## 1198	174.0	17.0	104.5	36.50000	54.5	86.0	84.0
## 1199	99.5	21.0	115.0	36.90000	71.5	90.0	85.0
## 1200	101.0	23.0	134.0	36.85000	71.0	72.0	114.0
## 1201	117.0	25.0	104.5	37.75000	50.0	112.0	56.0
## 1202	154.5	21.0	105.0	36.95000	49.5	75.5	66.5
## 1203	355.5	18.0	112.0	35.95000	49.0	87.0	60.0
## 1204	134.5	19.0	86.5	36.70000	73.5	73.5	81.0
## 1205	128.0	34.5	103.5	36.85000	54.0	65.0	62.5
## 1207	97.0	18.0	131.5	37.55000	60.0	85.0	86.0



## 1209	194.0	19.5	191.0	37.30000	97.0	109.0	126.0
## 1210	124.5	25.0	99.5	36.70000	69.0	102.0	82.0
## 1211	167.0	28.0	115.5	37.70000	50.5	111.0	60.0
## 1212	188.5	15.5	132.0	36.60000	81.5	74.0	114.5
## 1214	191.5	23.0	134.5	36.45000	68.0	86.0	84.0
## 1217	91.0	23.5	104.5	36.50000	57.0	102.0	63.0
## 1218	105.0	20.0	143.5	37.40000	108.5	85.5	126.5
## 1220	78.5	16.5	102.5	36.80000	53.0	61.0	69.0
## 1221	194.0	24.5	129.0	36.90000	69.0	109.5	81.5
## 1223	74.0	19.5	114.0	36.75000	58.5	75.5	71.5
## 1224	126.5	15.5	159.5	36.70000	102.0	66.0	125.0
## 1225	215.0	23.0	119.5	36.50000	84.0	125.5	91.0
## 1226	122.0	17.5	129.0	36.50000	98.0	64.0	107.0
## 1227	101.0	24.0	159.0	36.55000	101.0	55.0	138.0
## 1228	125.0	17.5	139.0	37.15000	88.0	77.5	103.5
## 1229	256.0	31.0	123.5	37.00000	64.0	86.0	80.5
## 1231	167.0	18.5	149.5	37.75000	56.5	119.0	76.5
## 1232	120.0	21.0	105.0	36.40000	49.0	88.5	66.5
## 1235	97.5	17.0	106.0	37.33000	59.0	83.0	63.0
## 1237	128.5	17.0	128.0	36.70000	77.0	91.0	96.0
## 1238	280.0	17.0	169.0	37.72000	68.0	86.0	84.0
## 1239	120.0	17.0	152.0	36.72000	89.0	66.5	110.0
## 1240	89.0	16.0	125.5	36.85000	96.5	121.5	108.5
## 1242	167.0	15.5	88.5	36.30000	59.5	54.5	67.0
## 1243	110.0	15.0	123.0	36.15000	65.5	55.0	83.0
## 1244	97.0	17.5	93.5	37.10000	49.0	87.0	58.5
## 1245	222.5	22.0	121.0	37.00000	49.0	109.5	60.5
## 1246	145.5	19.0	134.0	37.30000	79.5	83.0	90.5
## 1247	128.5	27.0	127.5	36.80000	84.0	100.5	97.5
## 1248	110.5	29.5	109.5	36.90000	72.0	92.0	81.5
## 1249	202.0	21.5	120.0	36.60000	84.5	102.0	92.5
## 1250	162.0	17.0	91.5	36.60000	44.0	108.0	56.0
## 1252	145.5	14.0	121.5	36.95000	74.0	86.0	94.0
## 1253	90.0	19.5	126.0	36.30000	81.0	73.0	101.0
## 1255	128.5	24.0	147.0	36.40000	93.0	64.5	92.0
## 1256	104.0	23.0	129.5	36.50000	75.0	92.0	84.0
## 1258	84.0	21.5	142.5	36.65000	68.0	86.0	84.0
## 1259	128.5	22.0	118.0	36.60000	56.5	91.0	77.5
## 1262	198.5	21.0	115.5	36.60000	82.0	104.0	96.0
## 1265	105.5	21.5	120.0	36.80000	68.0	96.0	78.0
## 1266	105.0	16.5	128.0	36.75000	75.5	62.0	92.0
## 1267	190.0	17.5	144.0	36.75500	66.0	71.0	95.0
## 1268	143.0	17.0	127.5	36.75000	80.0	68.0	92.0
## 1269	168.5	18.5	168.0	36.95000	73.5	91.0	100.0
## 1270	253.5	19.0	134.0	36.70000	95.0	94.5	107.5
## 1271	89.5	20.5	104.0	36.85000	50.5	61.0	70.0
## 1272	96.0	20.0	105.5	36.65000	49.0	99.5	57.0
## 1273	188.5	15.5	143.0	37.40000	65.0	94.0	83.0
## 1274	204.5	13.5	138.0	36.15000	59.0	84.0	81.0
## 1275	111.5	20.5	136.5	36.60000	93.5	63.5	108.5
## 1276	124.5	22.5	117.5	35.27500	84.0	92.5	91.5
## 1277	179.0	20.0	101.0	36.45000	62.5	74.0	73.5
## 1278	128.5	17.0	107.0	36.80000	64.5	66.0	84.0
## 1281	173.0	20.0	134.5	36.95000	65.0	86.0	83.5

## 1282	188.5	20.5	122.5	37.30000	95.0	77.0	107.0
## 1283	155.0	24.0	79.5	36.65000	72.0	92.5	79.5
## 1284	135.0	18.5	149.0	37.10000	92.0	119.0	108.5
## 1285	114.0	23.5	115.5	38.45000	59.0	123.0	80.0
## 1286	351.0	14.0	125.0	36.90000	67.0	82.0	83.5
## 1287	214.0	18.0	125.5	36.65000	71.0	76.0	84.5
## 1288	86.5	34.5	122.5	36.44736	61.5	70.0	97.5
## 1289	117.5	12.5	162.0	36.90000	84.0	71.0	112.5
## 1290	102.0	15.5	147.5	37.30000	60.0	100.0	80.5
## 1291	169.5	24.0	147.0	37.20000	68.0	43.5	96.0
## 1292	93.5	17.5	107.0	36.90000	71.5	60.5	83.0
## 1293	128.5	14.0	119.5	36.65000	75.0	76.0	88.0
## 1295	83.0	19.5	92.5	37.20000	61.0	77.0	75.0
## 1297	214.0	26.0	105.0	37.30000	54.0	86.0	69.0
## 1298	111.0	21.5	143.0	36.65000	78.0	94.5	94.5
## 1299	149.0	31.5	113.5	37.40000	68.5	114.5	73.5
## 1300	113.0	53.5	141.0	36.75500	77.0	108.0	106.5
## 1301	170.5	17.0	116.5	35.20000	78.5	83.0	86.0
## 1303	105.5	27.5	114.0	36.60000	87.5	89.0	94.5
## 1304	341.5	20.0	126.5	36.85000	64.0	127.0	70.0
## 1305	264.0	28.5	94.0	34.52450	74.0	72.0	79.0
## 1307	261.0	27.5	156.0	36.85000	74.0	86.0	111.0
## 1308	143.5	19.5	140.5	36.60000	78.0	84.0	101.0
## 1309	114.0	17.0	118.5	36.70000	85.0	76.0	84.0
## 1310	88.0	22.5	151.0	37.15000	100.0	83.0	116.0
## 1311	131.0	20.5	130.5	36.65000	77.0	68.0	93.0
## 1312	122.5	21.5	132.5	37.35000	52.0	72.0	67.0
## 1314	174.5	17.5	142.0	36.60000	81.0	86.0	85.0
## 1315	128.5	22.0	110.0	37.65000	69.0	101.0	84.0
## 1316	163.0	18.5	155.0	36.75000	94.0	75.0	119.0
## 1317	128.5	17.0	145.0	36.95000	68.0	86.0	84.0
## 1319	134.5	18.5	129.5	36.35000	102.5	69.0	119.5
## 1320	161.0	16.0	126.5	36.55000	73.5	80.5	84.5
## 1321	188.0	17.5	139.5	36.75000	105.5	96.0	120.0
## 1322	102.5	27.0	142.0	36.55000	62.0	88.0	84.5
## 1323	109.0	13.0	125.0	36.90000	62.0	104.0	114.0
## 1324	112.0	20.5	146.5	36.55000	67.5	84.5	83.0
## 1325	276.0	21.0	117.5	37.10000	50.5	82.0	76.5
## 1326	107.5	10.5	98.0	36.45000	69.0	109.0	80.0
## 1327	307.5	23.5	127.0	37.05000	42.0	121.5	52.0
## 1328	95.5	17.0	125.0	36.10000	75.0	61.0	91.0
## 1329	199.0	15.0	138.0	36.85000	68.0	86.0	84.0
## 1330	91.0	17.0	138.5	36.75000	97.0	86.0	107.0
## 1331	174.5	20.0	131.5	36.70000	55.0	86.5	77.0
## 1332	228.5	24.0	141.0	36.45000	101.0	93.5	108.0
## 1333	144.5	15.5	123.0	37.05000	67.5	108.5	83.5
## 1334	127.5	18.0	136.5	36.00000	40.0	60.0	53.0
## 1335	204.5	26.5	108.5	35.70000	77.5	117.5	87.0
## 1336	97.0	15.0	113.5	36.65000	68.0	68.0	74.0
## 1338	80.5	16.0	128.0	35.90000	85.0	72.0	95.0
## 1339	123.0	16.0	158.0	36.85000	66.0	71.5	95.0
## 1340	123.0	14.0	101.0	37.40000	54.0	100.0	70.0
## 1342	128.0	16.5	113.0	37.00000	57.0	76.0	70.5
## 1343	161.0	20.5	118.0	36.75500	60.0	90.5	87.0

## 1344	135.0	28.5	122.0	36.80000	82.0	106.5	102.0
## 1345	86.0	16.5	135.5	36.75500	86.0	64.0	100.0
## 1347	163.0	24.5	147.0	37.05000	105.0	114.0	136.0
## 1348	128.5	22.0	153.0	36.75500	70.0	68.0	93.0
## 1349	119.0	18.0	146.0	36.60000	77.5	64.5	91.5
## 1350	87.5	50.5	142.5	36.49500	77.0	74.5	93.0
## 1351	152.5	18.5	109.0	36.65000	69.0	101.0	90.0
## 1353	290.0	21.0	111.0	36.90000	84.0	88.5	95.5
## 1354	176.0	18.5	123.0	36.90000	85.5	105.0	96.5
## 1355	133.5	20.0	146.5	36.70000	87.0	76.0	101.0
## 1356	101.5	19.5	101.5	36.70000	72.0	101.0	83.0
## 1357	110.0	22.5	99.0	36.50000	58.5	72.5	68.5
## 1358	96.0	19.0	126.0	36.85000	86.0	79.0	103.5
## 1359	88.0	25.5	100.5	37.20000	76.0	133.0	81.0
## 1360	128.5	26.0	155.5	36.85000	71.0	89.0	94.5
## 1361	225.0	20.0	177.5	36.95000	91.0	71.0	137.0
## 1362	108.0	30.0	143.0	37.25000	63.5	84.0	78.0
## 1363	164.0	24.0	121.0	36.30000	51.0	103.5	65.0
## 1364	134.0	17.5	144.5	36.05000	77.0	86.0	107.0
## 1366	100.0	18.0	138.5	36.75000	83.0	88.5	94.5
## 1367	117.0	22.5	139.0	36.75000	68.5	112.0	95.5
## 1368	135.0	15.0	144.0	36.25000	63.0	59.5	90.0
## 1369	128.5	13.5	101.5	37.30000	78.5	105.0	91.5
## 1370	204.0	19.0	174.0	36.65000	96.5	74.0	128.0
## 1371	119.5	20.0	90.0	34.40000	87.0	88.0	102.0
## 1373	146.0	20.0	114.5	36.90000	67.0	86.0	78.0
## 1375	179.5	17.5	140.5	37.35000	76.0	101.0	99.0
## 1377	123.0	16.0	137.5	36.90000	66.0	60.0	80.0
## 1378	186.0	17.5	132.5	37.30000	63.0	82.0	89.0
## 1379	119.0	16.0	86.5	36.83000	58.5	92.0	69.0
## 1380	136.5	36.5	125.5	36.30000	96.0	132.0	107.0
## 1381	128.5	14.5	113.5	35.75000	65.0	56.5	84.0
## 1383	88.0	15.5	114.5	36.50000	57.5	73.0	78.0
## 1385	120.5	12.0	94.5	36.85000	58.5	67.5	65.5
## 1386	128.5	14.5	158.0	37.05000	65.0	75.5	81.5
## 1388	131.5	21.5	125.5	37.33000	68.0	86.0	84.0
## 1389	155.0	16.0	132.0	36.70000	81.0	74.0	125.0
## 1390	122.0	17.0	97.0	37.75000	89.0	102.0	109.0
## 1391	229.5	24.5	135.0	36.80000	62.0	80.5	89.5
## 1392	228.5	16.0	96.0	36.35000	64.0	65.0	72.0
## 1394	130.0	23.0	132.0	35.95000	72.0	73.5	85.0
## 1395	135.0	21.0	112.0	36.90000	41.0	85.0	62.0
## 1396	81.0	19.0	120.0	37.25000	79.5	122.5	87.0
## 1397	104.0	16.5	121.0	36.20000	64.0	48.0	79.0
## 1398	158.0	19.0	107.5	36.85000	46.0	89.0	69.5
## 1400	103.0	23.0	158.5	36.70000	75.5	95.5	110.0
## 1401	128.5	19.0	112.0	36.55000	42.5	129.5	74.0
## 1402	128.5	20.0	97.0	36.55000	60.0	84.0	69.5
## 1405	122.0	22.5	108.5	36.85000	66.0	104.0	81.5
## 1407	126.0	20.0	131.5	36.70000	85.0	100.0	96.0
## 1408	128.5	14.0	151.0	37.20000	69.5	66.5	97.5
## 1409	164.5	17.5	120.5	37.10000	72.0	87.0	91.0
## 1410	151.5	18.0	122.5	36.75000	70.5	60.0	99.5
## 1411	197.0	20.0	152.5	36.70000	98.0	88.0	128.0

## 1412	128.5	16.0	117.0	36.70000	58.0	99.0	71.0
## 1413	134.0	21.0	101.0	37.15000	51.0	55.0	65.0
## 1414	98.0	16.0	114.0	36.95000	66.5	69.5	77.5
## 1415	128.5	30.0	107.0	36.75000	66.0	80.0	89.0
## 1417	80.0	21.0	111.5	36.90000	61.0	68.0	71.5
## 1418	133.0	18.0	121.5	36.65000	74.5	86.0	83.5
## 1419	287.5	21.0	152.0	36.70000	85.0	91.0	84.0
## 1420	93.0	17.5	103.0	36.75000	63.5	60.5	70.0
## 1422	120.0	14.0	94.5	36.55000	36.0	75.0	41.5
## 1424	143.0	22.5	103.5	36.60000	71.0	82.5	78.0
## 1425	116.5	17.0	119.0	36.90000	71.0	72.0	87.0
## 1426	174.0	16.0	148.5	36.50000	58.0	68.0	88.0
## 1427	110.5	21.0	152.0	37.45000	75.0	67.0	126.0
## 1428	100.0	23.0	126.5	36.80000	75.0	88.0	83.5
## 1429	247.0	17.5	133.5	36.85000	82.0	108.5	91.0
## 1430	136.0	29.0	115.0	37.35000	58.0	68.5	71.0
## 1431	117.5	21.0	107.5	36.65000	74.5	67.5	91.0
## 1433	128.0	26.5	117.0	36.77500	68.0	86.0	84.0
## 1434	272.5	22.0	110.0	36.75000	43.5	102.5	50.5
## 1435	230.0	34.0	116.0	37.50000	59.0	86.0	74.0
## 1436	304.0	16.5	106.5	36.25000	90.0	93.0	99.0
## 1437	93.0	20.0	106.5	37.90000	47.0	63.0	74.0
## 1440	138.0	19.5	140.5	37.00000	72.5	108.0	89.0
## 1441	123.0	19.0	104.5	35.70000	54.0	68.0	65.0
## 1442	156.5	17.5	115.0	37.10000	68.0	109.0	81.0
## 1443	99.0	19.0	99.5	36.60000	66.0	105.0	79.0
## 1446	158.5	17.5	159.0	36.65000	71.0	109.0	86.0
## 1447	114.5	20.0	133.5	36.05000	68.0	56.0	84.0
## 1448	115.0	25.5	93.5	37.30000	55.0	91.5	62.0
## 1449	121.5	18.0	91.5	36.45000	53.0	93.5	61.5
## 1450	134.0	20.0	127.0	36.60000	53.5	106.5	97.0
## 1451	153.0	19.0	113.0	36.50000	57.0	58.0	66.5
## 1452	143.0	18.5	123.0	37.00000	76.5	109.5	85.5
## 1453	91.5	17.5	128.5	36.95000	56.5	50.5	75.0
## 1454	356.0	13.5	121.0	36.60000	58.5	66.5	70.0
## 1455	155.0	13.0	109.5	36.50000	73.0	99.0	78.0
## 1456	115.0	26.5	126.0	37.27500	83.0	122.5	95.5
## 1457	116.0	20.0	112.5	37.00000	36.5	113.0	50.5
## 1458	129.5	21.0	116.0	37.95000	64.0	96.0	92.0
## 1459	122.0	21.5	129.0	36.60000	74.0	74.0	100.0
## 1460	140.5	19.0	118.5	37.10000	65.5	72.5	80.5
## 1466	100.0	11.5	113.5	37.15000	44.0	84.0	58.0
## 1467	142.5	17.5	123.5	36.85000	78.5	98.5	95.0
## 1468	281.0	19.0	128.0	36.85000	82.5	74.0	110.0
## 1469	110.5	21.0	118.0	37.21500	68.0	86.0	84.0
## 1470	102.0	22.5	124.5	36.35000	56.5	76.5	72.0
## 1471	92.5	13.5	131.0	35.80000	64.0	59.0	85.0
## 1472	160.5	28.5	112.0	36.50000	106.5	113.0	123.5
## 1475	96.0	19.0	142.5	36.69000	99.0	55.0	115.0
## 1476	128.5	18.5	140.5	36.75500	80.5	73.0	96.0
## 1477	119.0	21.5	101.5	36.80000	79.5	67.5	85.5
## 1478	125.5	18.5	144.5	36.65000	46.5	64.0	74.0
## 1479	176.5	28.0	136.5	36.90000	89.0	58.5	111.5
## 1480	93.5	29.5	133.5	36.70000	57.5	59.0	76.5

## 1481	128.5	25.0	132.5	36.75000	95.5	74.0	120.5
## 1483	84.0	29.5	132.0	37.10000	82.0	84.0	113.0
## 1484	121.0	27.5	112.0	36.70000	76.0	77.5	95.0
## 1486	86.5	17.0	120.0	36.65000	80.0	60.0	103.0
## 1487	146.5	11.0	106.0	36.55000	60.0	79.5	74.0
## 1488	255.5	17.5	146.5	37.00000	75.0	109.0	104.0
## 1489	104.5	12.0	109.0	36.65000	73.5	56.5	94.0
## 1491	86.0	29.5	158.5	34.74450	86.5	46.0	124.0
## 1492	253.5	22.5	139.0	35.90000	87.0	94.0	103.0
## 1494	118.5	18.5	129.5	36.90000	68.0	56.0	94.0
## 1495	235.0	25.5	92.0	37.10000	44.0	99.0	49.0
## 1496	133.5	21.5	157.5	36.35000	70.5	92.5	82.5
## 1497	163.0	22.0	121.5	36.85000	52.5	68.5	70.5
## 1498	130.5	23.0	113.5	37.50000	66.0	80.0	85.0
## 1501	128.5	14.5	118.5	36.85000	74.0	104.5	87.0
## 1502	100.0	23.5	168.5	36.95000	74.5	72.0	106.0
## 1503	234.0	19.0	121.0	35.90000	63.5	150.0	71.5
## 1506	132.0	19.5	102.0	36.65000	75.5	69.5	83.5
## 1507	79.5	13.5	115.0	37.90000	49.5	66.0	65.0
## 1509	177.5	17.5	92.5	37.45000	57.5	118.5	66.0
## 1510	157.5	22.5	125.0	36.30000	75.0	85.0	87.0
## 1511	102.0	19.5	168.0	37.00000	96.0	88.0	117.0
## 1512	101.0	13.0	131.5	36.65000	76.5	91.0	90.5
## 1513	164.0	19.0	118.0	37.05000	71.0	122.5	80.0
## 1514	171.5	19.0	106.5	36.65000	60.0	69.0	79.0
## 1515	224.0	30.0	112.0	37.55000	55.0	83.0	74.5
## 1516	104.0	15.5	122.0	36.20000	41.0	62.5	60.5
## 1517	89.0	19.0	147.5	37.55000	77.0	86.5	94.5
## 1518	98.0	15.0	123.0	37.25000	81.0	84.0	96.0
## 1519	140.0	19.5	129.0	36.55000	88.0	111.0	94.0
## 1520	126.5	25.0	124.0	36.60000	77.0	67.0	100.5
## 1521	135.0	22.0	103.5	37.50000	104.0	130.0	110.0
## 1522	99.0	17.5	97.0	36.65000	52.0	47.0	64.0
## 1523	128.5	19.0	110.0	36.50000	71.0	76.0	77.0
## 1524	86.0	21.0	115.0	36.65000	60.0	63.5	77.0
## 1525	142.0	19.0	123.5	36.55000	63.5	82.0	74.5
## 1528	119.5	22.0	108.0	37.45000	80.5	102.0	91.5
## 1529	158.5	17.0	112.5	36.65000	63.5	89.5	74.5
## 1530	111.5	20.0	113.5	37.10000	41.0	44.5	49.0
## 1532	103.5	17.5	131.5	36.55000	110.0	96.0	124.0
## 1533	128.5	20.5	110.5	36.95000	53.0	81.0	65.5
## 1534	128.5	18.0	157.0	36.70000	90.0	86.0	112.0
## 1535	128.5	21.0	105.0	36.30000	62.0	56.5	78.5
## 1536	106.5	18.5	107.0	36.25000	79.0	111.5	86.0
## 1537	106.0	17.5	118.5	36.35000	68.0	94.0	79.0
## 1538	99.0	23.5	107.0	36.80500	66.0	106.0	77.0
## 1540	112.0	14.5	126.0	36.30000	63.0	64.0	85.0
## 1542	151.5	18.5	116.5	37.45000	96.0	97.5	102.0
## 1543	110.0	20.5	122.0	37.10000	74.5	87.0	87.0
## 1544	131.0	19.5	115.5	36.60000	55.0	57.0	75.0
## 1545	181.5	14.5	108.0	36.60000	93.0	109.0	104.0
## 1546	366.5	20.5	155.0	36.35000	68.0	78.0	84.0
## 1548	290.0	17.5	125.5	36.75000	66.0	89.0	85.0
## 1549	128.5	29.0	137.5	37.85000	81.0	105.5	92.0

## 1550	105.0	20.5	127.0	36.90000	68.0	117.0	105.0
## 1551	103.0	21.0	148.0	37.40000	74.0	68.5	116.0
## 1552	111.5	17.5	119.0	35.90000	80.5	84.0	96.0
## 1553	94.0	19.5	95.0	35.90000	45.0	73.5	51.0
## 1554	254.0	12.5	134.0	36.10000	89.0	74.0	116.0
## 1555	148.0	21.5	100.0	36.35000	58.5	69.0	70.0
## 1556	123.0	22.0	118.0	36.45000	72.0	87.0	79.0
## 1557	179.5	17.5	100.0	36.45000	53.5	81.5	65.0
## 1558	127.5	24.5	125.0	36.80000	67.0	110.5	82.0
## 1559	115.5	13.5	156.5	36.85000	62.0	89.5	90.5
## 1560	164.5	20.5	90.5	36.55000	49.0	119.0	60.0
## 1562	116.0	13.5	132.5	37.50000	109.5	112.5	119.5
## 1563	136.0	17.0	117.5	37.25000	77.5	97.5	94.0
## 1564	116.0	19.0	125.0	37.20000	68.0	86.0	84.0
## 1565	113.5	19.0	140.5	37.25000	76.0	44.5	91.0
## 1566	123.0	18.5	101.5	36.55000	63.5	101.0	70.0
## 1567	121.5	11.5	138.5	37.00000	68.0	80.0	76.0
## 1568	94.0	21.0	136.5	37.05000	99.0	106.0	109.0
## 1569	219.0	36.0	110.0	38.00000	54.0	115.0	67.0
## 1570	131.5	19.0	106.0	36.65000	74.5	115.0	78.5
## 1571	102.0	18.5	110.0	36.50000	75.0	76.0	87.0
## 1572	228.5	35.5	131.5	37.41966	60.0	89.5	86.0
## 1573	133.0	21.0	119.0	37.30000	69.0	140.0	81.0
## 1574	114.0	27.0	109.5	37.15000	54.0	105.0	73.0
## 1575	155.0	15.0	110.5	36.45000	73.0	106.0	81.0
## 1576	126.5	17.5	137.0	36.90000	50.0	50.5	78.5
## 1577	90.5	20.0	155.5	37.15000	75.0	76.0	104.5
## 1578	191.0	33.5	148.5	36.50000	84.0	78.0	115.0
## 1579	137.0	18.0	137.0	36.95000	75.5	86.0	88.5
## 1580	104.5	15.0	129.5	36.65000	72.0	50.0	82.5
## 1581	135.5	21.5	90.0	36.75000	36.5	95.0	46.0
## 1583	148.5	19.0	98.0	36.75500	71.0	70.5	85.5
## 1584	119.5	18.0	107.5	36.75000	67.5	81.0	81.0
## 1585	216.5	23.0	120.5	36.50000	84.0	66.0	96.0
## 1587	97.5	14.5	101.0	36.95000	78.5	79.0	87.0
## 1588	108.0	18.0	117.0	36.80000	63.5	76.0	86.5
## 1589	119.0	26.0	124.5	36.75000	80.0	76.5	92.5
## 1590	127.0	21.0	153.0	37.65000	68.5	71.5	91.5
## 1591	179.5	33.5	125.0	37.45000	75.5	121.0	88.5
## 1592	83.0	18.0	131.0	36.55000	85.5	47.5	98.5
## 1594	94.0	27.0	103.0	36.45000	66.0	85.5	67.0
## 1595	132.0	19.5	129.5	36.75000	83.0	103.0	106.0
## 1596	134.0	18.0	145.5	37.05000	61.0	75.0	85.5
## 1597	237.5	35.0	130.0	36.75000	88.5	102.0	112.0
## 1598	199.0	18.5	119.5	36.85000	69.0	96.5	81.5
## 1599	81.0	13.5	135.5	36.75000	101.0	87.0	111.5
## 1601	99.0	14.5	115.5	36.80000	67.5	100.0	106.5
## 1602	88.0	17.5	114.5	36.80000	95.0	74.5	108.0
## 1603	150.0	15.5	149.0	37.05000	64.5	68.5	80.5
## 1604	101.0	23.0	114.0	34.65000	57.0	78.0	67.0
## 1605	125.0	15.5	159.0	37.15000	79.0	75.0	108.5
## 1606	107.0	18.0	95.5	36.85000	54.5	89.5	73.0
## 1608	149.5	13.5	111.5	36.55000	71.5	92.5	84.5
## 1609	139.5	19.0	120.0	36.60000	63.5	92.0	85.5

## 1610	158.5	19.5	111.5	36.85000	85.5	95.5	96.0
## 1611	86.0	15.5	110.0	36.82500	57.0	60.0	65.5
## 1612	109.0	24.5	114.0	36.25000	77.5	83.5	90.5
## 1613	131.0	15.5	145.5	36.90000	82.0	59.5	97.0
## 1614	117.0	23.5	112.5	36.75000	67.0	100.0	83.0
## 1615	106.5	20.0	106.5	36.65000	53.0	93.0	74.0
## 1616	265.0	15.5	118.0	36.65000	69.0	71.0	80.0
## 1617	83.0	16.5	109.5	38.15000	82.0	97.0	90.0
## 1618	100.5	17.5	170.0	36.60000	84.0	71.5	118.5
## 1619	130.0	18.0	129.0	36.85000	70.0	88.0	88.0
## 1620	119.0	18.0	129.0	36.90000	66.0	78.0	84.0
## 1621	80.5	21.0	122.0	37.05000	56.0	102.0	62.5
## 1622	131.5	22.0	106.0	37.45000	72.0	79.0	77.0
## 1623	122.5	19.5	130.5	36.35000	69.5	135.0	71.0
## 1625	325.0	21.0	101.5	37.10000	37.0	96.0	47.5
## 1626	114.5	19.0	107.5	36.90000	93.5	83.0	108.5
## 1627	154.5	27.0	117.5	37.80000	53.0	152.0	66.0
## 1628	135.5	20.0	130.5	36.60500	56.0	89.5	71.0
## 1630	139.5	13.0	109.5	36.63500	68.5	88.0	83.0
## 1631	190.5	21.0	125.0	37.05000	66.5	87.0	88.0
## 1633	180.0	14.5	117.5	36.75000	55.0	111.5	67.0
## 1634	128.5	19.0	121.5	36.50000	85.5	101.5	100.0
## 1635	131.5	19.0	113.0	36.85000	95.5	78.5	101.5
## 1637	129.5	17.5	100.0	36.65000	62.0	100.5	71.5
## 1638	128.5	21.0	144.5	36.70000	89.0	57.0	105.0
## 1639	104.0	17.5	134.0	37.60000	79.5	95.5	92.5
## 1641	144.5	25.5	106.5	36.75000	58.5	106.5	76.5
## 1642	132.0	20.5	130.0	37.35000	67.0	67.0	96.5
## 1644	142.0	15.5	109.0	36.80000	56.0	77.0	71.0
## 1645	133.5	16.5	107.5	37.08000	73.0	67.0	81.0
## 1647	120.0	18.0	121.5	37.45000	78.5	98.5	93.5
## 1650	86.5	20.5	114.0	35.90000	60.0	78.0	74.0
## 1652	75.0	21.0	146.0	37.10000	68.0	86.0	84.0
## 1653	170.5	19.0	106.0	37.55000	54.5	121.0	70.0
## 1654	128.5	18.5	122.5	36.40000	82.0	72.5	99.0
## 1655	127.0	19.5	127.5	36.70000	63.5	71.5	75.5
## 1656	93.5	22.0	158.0	36.10000	62.0	54.0	92.0
## 1657	128.5	21.0	130.5	36.70000	72.5	85.5	86.5
## 1659	160.0	14.5	116.5	36.85000	51.5	56.0	77.5
## 1661	200.5	22.0	131.5	37.05000	39.0	61.0	56.0
## 1662	133.5	15.5	95.5	36.55000	59.0	103.0	68.0
## 1663	159.0	15.0	131.0	37.25000	95.0	114.0	98.0
## 1664	177.5	26.5	132.5	37.65000	57.0	95.0	80.0
## 1665	155.5	22.5	93.5	36.80000	48.0	89.0	56.5
## 1666	138.5	13.5	90.0	36.80000	68.0	86.0	84.0
## 1667	104.0	10.5	114.5	37.30000	80.0	94.0	99.0
## 1668	140.0	25.0	142.5	37.00000	79.5	66.0	111.5
## 1669	88.5	20.5	106.0	36.40000	55.5	98.5	66.5
## 1670	147.0	21.5	139.5	36.75500	75.0	133.5	96.0
## 1672	248.5	30.0	120.5	36.55000	80.5	95.0	116.5
## 1674	146.0	22.5	105.5	37.90000	67.0	90.0	78.0
## 1675	80.0	15.0	126.0	36.40000	87.0	100.0	96.5
## 1676	107.0	19.0	139.5	37.80000	78.0	104.0	84.0
## 1677	98.5	34.0	99.0	36.75500	68.0	86.0	84.0

## 1678	124.0	19.0	92.5	36.85500	46.5	91.0	54.0
## 1679	130.0	19.5	145.0	36.60000	62.5	83.0	89.5
## 1680	132.0	22.5	139.5	36.40000	73.0	74.5	87.0
## 1681	134.5	21.0	97.5	36.65000	66.5	90.5	79.0
## 1682	149.0	22.0	103.0	36.75000	61.0	83.5	78.0
## 1683	149.5	37.5	152.0	36.50000	91.5	85.0	126.0
## 1684	182.5	22.5	120.5	36.75000	46.5	43.5	73.5
## 1685	234.5	19.5	149.5	36.80000	68.0	80.5	84.0
## 1686	153.5	26.0	160.5	36.80000	93.5	64.0	126.5
## 1687	87.5	18.0	144.0	36.70000	75.0	70.0	96.5
## 1688	131.0	15.0	126.0	36.85000	82.0	90.0	104.0
## 1689	163.0	16.0	134.5	35.95000	71.5	72.0	89.5
## 1690	107.5	21.0	105.5	36.55000	57.5	90.0	75.0
## 1691	152.0	25.0	135.5	37.20000	60.0	70.0	95.0
## 1692	258.5	16.5	157.0	36.90000	74.5	63.5	122.5
## 1693	152.0	16.0	118.5	36.90000	59.0	83.0	66.0
## 1694	213.0	17.0	110.0	36.15000	42.5	53.0	58.5
## 1695	119.0	23.0	104.0	36.40000	54.0	106.0	68.5
## 1696	157.0	21.0	138.0	36.85000	73.0	93.5	94.0
## 1698	180.0	17.5	110.5	36.95000	94.0	101.5	106.0
## 1699	179.0	18.0	131.0	37.65000	56.0	67.5	75.5
## 1700	111.0	20.0	119.5	36.70000	76.5	108.0	89.5
## 1701	101.5	19.5	125.0	36.88500	78.0	89.0	88.0
## 1702	121.5	18.0	110.0	36.35000	62.0	95.0	77.0
## 1703	109.0	19.5	129.0	36.45000	74.5	48.0	104.0
## 1704	110.5	21.0	139.5	36.45000	43.0	63.0	70.5
## 1705	128.5	17.0	137.5	36.80000	91.0	120.0	104.0
## 1706	148.5	19.0	100.0	36.75000	44.0	87.0	61.5
## 1708	89.5	17.5	76.0	36.80000	48.0	65.0	58.5
## 1709	313.5	36.0	105.0	36.75500	47.5	97.5	61.0
## 1710	219.0	21.0	117.5	35.95000	68.0	86.0	84.0
## 1711	99.0	22.0	150.5	36.85000	80.5	79.5	112.5
## 1712	125.0	22.5	113.0	36.90000	56.0	67.5	69.0
## 1713	99.0	19.0	157.0	36.80000	93.0	64.0	114.0
## 1714	194.0	17.0	101.5	36.60000	60.0	81.5	72.0
## 1715	144.5	25.5	98.0	36.90000	56.0	99.0	64.0
## 1716	145.0	33.0	136.5	36.83628	84.5	65.5	123.5
## 1717	137.5	17.0	124.5	36.90000	53.5	76.5	70.0
## 1718	128.5	21.5	138.0	37.00000	63.0	61.5	85.0
## 1719	122.0	19.5	120.5	36.45000	75.0	84.5	94.5
## 1720	125.5	17.5	127.5	36.55000	91.0	62.5	118.0
## 1721	102.5	16.5	142.5	36.65000	89.5	82.5	102.5
## 1722	155.0	16.0	124.0	35.80000	56.0	81.0	81.5
## 1723	180.0	19.5	125.0	36.90000	75.5	78.5	86.0
## 1724	99.5	22.0	107.5	37.25000	55.0	65.5	77.0
## 1725	158.0	27.0	138.5	36.95000	58.5	108.0	86.5
## 1726	99.0	34.5	157.5	36.90000	72.5	54.5	104.0
## 1727	128.0	29.5	109.0	37.50000	61.5	82.5	71.5
## 1728	138.5	23.5	126.0	37.10000	51.0	86.0	63.0
## 1729	165.0	18.0	103.0	35.70000	63.5	60.5	70.0
## 1730	258.0	17.5	123.5	37.35000	59.0	111.5	69.0
## 1731	96.0	16.0	156.5	36.55000	72.0	64.5	87.5
## 1732	166.0	15.5	118.5	35.90000	90.0	73.5	96.0
## 1733	112.5	21.5	104.5	36.50000	74.0	74.0	97.5



## 1735	272.0	35.5	119.5	36.70000	73.0	116.0	87.0
## 1736	95.0	28.5	98.0	36.65000	54.0	66.0	72.0
## 1737	138.0	17.0	126.0	37.40000	51.5	78.0	70.5
## 1738	132.0	15.5	119.5	37.20000	61.0	76.0	87.0
## 1740	146.0	18.0	152.0	36.65000	68.0	64.5	84.0
## 1741	143.0	17.0	118.0	37.35000	61.0	125.0	72.0
## 1742	138.5	22.5	116.0	36.65000	67.0	84.5	77.0
## 1743	199.5	21.5	131.0	36.45000	66.5	79.0	85.0
## 1744	119.0	18.0	129.0	36.90000	66.0	78.0	84.0
## 1745	175.0	17.0	123.0	37.30000	60.5	72.5	69.0
## 1747	140.5	21.0	119.5	36.60000	44.0	80.5	56.5
## 1748	113.5	15.5	152.5	36.80000	75.0	85.5	96.5
## 1749	102.5	18.5	113.5	34.50000	69.5	72.5	77.0
## 1750	109.0	23.5	97.5	36.35000	63.0	96.0	75.0
## 1751	133.5	16.0	113.5	36.10000	56.0	99.0	65.0
## 1752	97.0	23.5	103.5	37.50000	60.5	100.0	66.0
## 1753	133.5	39.5	151.0	36.65000	77.0	76.0	117.5
## 1754	124.0	21.5	121.0	36.75000	67.0	110.0	93.5
## 1756	120.5	18.5	132.5	37.25000	83.0	75.0	97.0
## 1758	128.5	17.0	121.0	36.80000	70.0	78.5	98.0
## 1759	128.5	17.5	138.5	36.85000	68.0	76.0	98.0
## 1761	96.0	16.5	109.0	37.10000	65.0	68.0	76.0
## 1762	124.0	11.0	109.0	37.15000	54.0	118.0	73.0
## 1763	314.5	27.5	152.5	37.00000	83.5	100.5	102.0
## 1764	173.0	15.5	137.0	36.85000	79.0	86.0	87.0
## 1765	152.0	25.0	91.0	36.55000	76.0	108.0	86.0
## 1766	168.5	13.5	108.0	36.20000	70.0	129.5	86.5
## 1768	104.0	18.0	134.5	36.90000	82.0	93.0	97.0
## 1770	209.0	18.0	154.5	36.80000	97.0	82.0	121.5
## 1772	126.5	22.0	152.0	36.55000	80.0	79.0	108.5
## 1773	122.0	18.0	115.5	36.65000	59.5	105.0	70.0
## 1774	128.5	17.5	132.0	36.49500	87.0	75.0	98.0
## 1775	114.0	50.5	119.5	36.75500	65.0	137.5	77.0
## 1776	134.5	16.0	126.5	36.46500	114.0	80.0	125.5
## 1778	170.5	16.0	142.5	36.10000	70.5	85.0	90.0
## 1779	360.5	17.0	109.5	36.94000	59.0	87.0	67.0
## 1781	78.0	17.0	87.0	36.70000	46.5	80.0	55.0
## 1782	181.0	46.0	144.0	36.50000	87.0	71.0	102.0
## 1784	118.0	16.5	89.5	36.95000	58.0	79.0	65.0
## 1785	176.5	20.5	107.0	36.25000	52.5	106.5	59.5
## 1786	138.0	17.0	133.0	36.90000	73.0	60.0	92.0
## 1787	113.5	14.5	140.5	36.95000	88.0	101.0	101.0
## 1788	120.0	18.0	109.0	36.45000	59.5	81.0	75.5
## 1789	148.0	13.5	107.0	36.90000	34.5	98.0	55.0
## 1790	118.5	16.5	140.5	36.75000	54.0	85.0	68.0
## 1792	103.5	27.5	134.5	36.55000	69.0	77.0	90.0
## 1793	175.0	19.0	144.0	36.95000	88.0	87.0	107.5
## 1794	173.5	22.5	123.5	37.35000	80.0	93.0	100.0
## 1795	138.5	20.0	112.5	37.15000	62.0	64.0	83.0
## 1796	128.5	23.5	140.0	36.70000	95.0	95.0	107.0
## 1798	101.0	17.5	114.0	36.80500	68.0	86.0	84.0
## 1799	166.0	20.0	121.5	34.54450	92.0	79.0	105.0
## 1800	192.5	22.0	115.0	36.40000	51.0	102.0	64.0
## 1801	136.0	20.5	156.0	37.24500	69.0	84.0	95.0

## 1802	89.0	17.0	114.0	36.55000	82.0	90.5	96.5
## 1803	114.0	18.5	141.0	36.65000	85.5	61.5	105.0
## 1804	246.5	30.5	140.5	37.35000	83.0	154.0	100.5
## 1805	134.0	29.0	83.0	37.05000	68.0	86.0	84.0
## 1806	227.5	20.5	91.5	36.20000	59.0	98.0	88.0
## 1807	106.0	18.5	105.5	36.40000	82.0	70.0	96.0
## 1808	137.5	17.0	124.5	36.90000	53.5	76.5	70.0
## 1809	133.0	17.0	135.0	37.60000	85.0	80.0	94.0
## 1812	122.5	24.0	105.5	36.65000	67.0	89.5	96.0
## 1813	95.0	21.5	125.0	36.75000	75.0	65.0	107.0
## 1814	107.0	26.5	125.5	37.25000	75.0	55.5	96.5
## 1815	118.0	18.0	148.5	36.75000	66.0	88.0	84.0
## 1816	79.0	17.0	140.0	36.80000	79.0	69.0	102.0
## 1817	103.5	20.5	130.5	36.74500	84.5	98.5	95.0
## 1819	114.5	18.0	109.0	36.85000	77.0	136.0	82.0
## 1821	195.0	24.0	115.0	36.75000	70.0	107.0	77.5
## 1822	133.0	20.5	149.5	37.10000	86.5	74.0	113.0
## 1823	105.0	26.0	122.5	36.75000	65.0	90.0	81.0
## 1824	226.5	20.5	96.0	36.20000	36.0	119.0	45.5
## 1825	124.5	17.5	91.0	36.65000	54.0	66.0	69.0
## 1827	97.5	22.5	126.0	36.30000	97.0	96.0	106.0
## 1828	153.0	23.0	120.5	37.65000	87.0	84.5	95.0
## 1829	269.0	20.5	139.0	37.35000	46.0	78.0	72.0
## 1830	151.0	24.5	97.5	36.95000	46.0	75.0	46.0
## 1831	110.0	16.5	141.0	37.00000	82.0	100.0	97.0
## 1832	146.0	18.5	114.5	36.65000	55.5	102.5	70.5
## 1835	129.5	17.5	103.0	36.75000	73.0	88.0	79.0
## 1836	140.0	18.0	126.5	37.05000	81.5	100.0	92.5
## 1837	128.5	21.5	121.0	36.35000	80.0	115.0	94.5
## 1838	212.0	16.0	163.5	37.00000	81.5	91.0	99.5
## 1839	153.0	18.0	94.0	37.05000	68.0	86.0	84.0
## 1840	151.5	21.5	117.0	37.40000	45.5	80.5	61.0
## 1841	128.5	21.0	150.0	37.90000	73.0	77.0	90.5
## 1842	107.5	12.5	100.0	36.75500	84.5	79.5	110.5
## 1843	86.5	24.5	131.0	36.35000	83.0	59.5	102.0
## 1844	85.0	31.5	95.5	36.75500	62.0	113.0	77.5
## 1845	149.0	15.0	114.5	36.55000	70.0	83.0	83.5
## 1846	136.0	16.0	136.0	37.44000	62.0	121.5	77.0
## 1847	85.0	16.5	104.5	37.15000	52.0	92.0	63.0
## 1848	113.5	17.0	163.5	36.95000	81.5	103.0	105.0
## 1849	146.5	20.0	139.0	36.95000	73.0	46.0	103.0
## 1850	143.0	15.0	124.0	36.35000	65.0	78.0	85.0
## 1851	167.0	28.5	140.0	36.40000	59.0	80.0	81.0
## 1852	156.5	23.0	144.5	35.95000	88.5	122.5	101.0
## 1853	128.5	22.0	139.5	36.95000	69.0	81.0	84.0
## 1854	91.0	18.0	105.5	36.80000	61.0	65.0	73.0
## 1855	104.5	27.5	139.0	36.65000	59.0	59.0	79.0
## 1856	128.5	15.0	132.5	36.65000	76.0	90.0	87.0
## 1857	110.0	18.5	102.0	36.55000	53.0	75.5	58.0
## 1858	84.0	26.0	117.0	38.13500	55.5	108.0	68.0
## 1859	126.0	17.5	127.0	37.80000	74.5	89.0	84.0
## 1861	179.5	22.5	104.5	37.60000	58.0	78.5	69.5
## 1865	232.5	15.5	108.5	36.45000	86.0	110.0	92.0
## 1866	129.5	25.5	99.0	36.39180	40.0	94.0	55.0

## 1867	158.0	28.0	133.5	37.65000	74.0	94.0	91.0
## 1868	107.0	30.5	135.0	37.10000	68.0	79.0	84.0
## 1869	236.0	22.5	145.0	37.55000	69.0	74.5	91.0
## 1870	105.5	23.5	137.5	36.40000	70.5	80.5	84.0
## 1871	89.0	19.5	121.0	36.75500	68.0	86.0	84.0
## 1872	134.0	15.0	118.0	36.35000	51.0	90.0	74.0
## 1873	115.0	22.5	162.0	36.05000	61.0	62.5	87.0
## 1874	161.0	17.5	123.0	36.69000	60.0	64.5	85.5
## 1876	211.0	17.5	177.0	36.20000	65.0	60.0	96.0
## 1878	152.0	27.5	148.0	37.20000	109.0	109.0	135.5
## 1879	208.5	59.0	146.5	36.90000	78.0	72.0	112.0
## 1880	96.0	22.5	145.5	36.90000	94.5	108.0	111.5
## 1882	109.0	24.0	110.0	36.75500	77.5	104.0	93.5
## 1883	209.5	22.0	118.5	38.45000	56.5	95.0	74.0
## 1884	137.0	17.0	128.0	36.45000	91.0	76.5	101.0
## 1885	160.5	30.5	148.0	36.80000	64.0	93.0	91.5
## 1886	121.0	27.0	148.5	36.70000	87.5	68.0	108.0
## 1887	133.0	26.0	135.0	37.10000	90.0	106.0	95.0
## 1888	84.0	17.5	90.5	36.35000	72.0	78.0	80.0
## 1889	128.0	23.0	146.5	36.70000	78.0	123.0	99.0
## 1890	171.5	19.5	121.5	36.65000	68.5	125.0	84.0
## 1891	130.5	19.5	99.5	37.60000	57.0	149.5	71.0
## 1892	128.5	20.0	113.0	36.70000	73.0	97.5	92.0
## 1893	116.5	13.5	126.5	36.35000	86.0	96.5	99.5
## 1895	116.5	27.0	88.5	37.55000	49.5	124.5	63.5
## 1896	108.5	16.0	113.0	36.90000	75.5	80.0	88.0
## 1897	128.5	17.5	143.0	36.85000	68.0	68.0	84.0
## 1898	307.0	14.0	143.5	37.10000	73.0	82.0	92.0
## 1899	99.5	33.5	193.0	36.70000	88.0	60.0	127.0
## 1901	141.0	16.0	162.0	36.60000	76.5	61.5	105.5
## 1902	128.0	19.0	108.0	36.08000	46.0	87.0	60.0
## 1903	113.0	19.5	146.5	36.70000	98.0	94.0	127.0
## 1904	155.5	22.0	137.0	37.35000	66.0	125.0	95.0
## 1905	143.0	18.5	132.5	36.40000	68.0	86.0	84.0
## 1906	176.0	17.0	113.0	36.45000	59.0	93.0	90.0
## 1907	123.5	17.5	126.5	36.75000	90.0	94.0	118.0
## 1909	96.5	24.0	93.5	36.55000	39.0	93.0	56.5
## 1911	234.0	16.0	150.0	36.85000	71.5	77.0	93.0
## 1912	119.5	19.0	157.0	36.55000	71.5	56.0	113.0
## 1913	161.0	18.5	110.0	37.50000	58.5	89.5	66.0
## 1914	154.0	21.5	107.5	37.15000	50.0	78.0	58.0
## 1915	104.5	19.5	131.0	37.83000	87.0	61.0	101.0
## 1916	228.5	21.5	122.0	37.45000	68.0	82.5	91.0
## 1917	214.5	20.0	123.5	37.65000	82.5	117.0	108.0
## 1918	105.0	14.0	99.5	36.88500	62.0	75.5	69.5
## 1919	136.0	19.0	112.0	36.85000	55.0	80.0	67.0
## 1920	158.0	34.0	109.5	36.00000	77.5	82.5	101.0
## 1923	99.0	19.5	111.5	36.65000	51.0	71.0	84.0
## 1924	112.5	20.5	133.5	37.40000	61.5	101.0	74.0
## 1925	130.5	15.0	129.0	36.90000	95.0	75.0	122.0
## 1926	82.0	17.0	115.5	36.05000	80.0	85.5	87.5
## 1927	98.0	20.5	123.5	37.40000	67.5	129.0	87.0
## 1928	153.5	29.5	123.5	36.30000	60.0	70.0	84.5
## 1931	137.5	16.0	114.0	36.60000	41.0	93.0	63.0

## 1932	154.5	17.0	102.0	36.15000	80.5	107.0	89.5
## 1933	161.5	17.5	128.0	36.85000	65.0	85.0	77.0
## 1934	195.5	23.0	139.5	36.55000	73.5	74.5	85.5
## 1935	105.0	19.0	152.0	35.95000	91.0	72.0	85.0
## 1936	145.0	18.5	113.5	36.90000	47.0	80.0	69.5
## 1937	93.0	21.5	120.5	36.80000	67.5	62.0	90.0
## 1938	449.5	19.5	91.5	36.95000	55.0	94.5	63.0
## 1939	88.5	15.0	140.0	36.85000	66.0	87.0	108.5
## 1940	96.0	18.5	104.0	37.15000	69.0	122.0	90.0
## 1941	86.0	18.0	138.0	37.10000	67.5	129.0	96.0
## 1942	119.0	17.0	107.5	36.85000	48.0	100.0	58.5
## 1943	195.0	14.5	146.0	36.95000	82.0	101.0	108.0
## 1944	89.0	14.0	139.5	36.55000	75.5	77.5	92.5
## 1946	122.5	16.5	92.5	34.89450	71.0	74.0	75.5
## 1947	127.5	18.0	128.5	36.00000	95.0	107.5	106.5
## 1948	180.0	13.0	119.0	36.55000	61.0	89.0	88.0
## 1949	112.0	16.0	137.5	36.60000	74.0	95.0	99.0
## 1950	130.5	20.5	165.5	36.75000	83.5	59.5	112.0
## 1952	135.5	18.0	147.0	36.60000	68.0	86.0	84.0
## 1953	114.5	18.5	106.0	36.55000	58.0	82.0	78.0
## 1955	141.0	21.0	153.5	36.95000	89.0	97.0	93.0
## 1956	128.5	16.0	98.5	38.00000	56.0	103.0	69.0
## 1957	95.0	27.0	121.0	36.83000	96.5	113.5	105.0
## 1958	110.0	18.5	115.0	36.90000	73.5	81.5	85.5
## 1959	160.5	26.0	154.0	35.90000	68.0	86.0	84.0
## 1960	185.5	23.0	135.0	36.95000	60.0	101.5	80.0
## 1962	96.0	17.0	94.5	37.30000	60.0	84.5	67.5
## 1965	89.0	19.5	145.5	36.80000	76.0	73.5	91.5
## 1967	111.0	29.5	110.5	37.00000	54.0	86.0	76.0
## 1968	172.0	24.0	139.0	36.65000	82.5	101.5	94.5
## 1969	98.0	24.5	162.0	36.90000	78.0	124.0	101.0
## 1970	108.0	19.5	161.5	36.95000	94.5	102.0	107.5
## 1971	167.5	22.5	114.5	37.55000	51.0	127.0	67.0
## 1973	152.0	17.5	113.5	38.30000	68.0	86.5	77.5
## 1975	89.0	14.0	117.5	36.40000	48.0	90.0	59.0
## 1978	128.5	17.5	152.5	36.70000	106.5	84.0	117.5
## 1979	104.5	21.5	105.5	36.50000	72.5	134.5	84.5
## 1981	151.0	18.5	117.0	36.65000	68.0	86.0	84.0
## 1982	179.5	21.5	142.5	36.30000	116.0	102.5	109.0
## 1983	156.0	20.0	106.5	36.65000	47.0	73.5	61.5
## 1984	210.5	30.0	118.0	36.70000	68.0	103.0	93.0
## 1986	148.0	20.0	133.0	36.70000	75.0	82.5	92.0
## 1988	219.0	20.5	127.5	36.90000	45.0	96.0	52.0
## 1989	132.0	22.5	90.5	37.35000	50.5	90.5	60.5
## 1990	148.0	18.0	100.0	36.65000	69.0	110.0	78.0
## 1991	144.0	21.5	140.0	36.85000	68.0	64.0	100.5
## 1992	128.5	15.5	110.0	37.20000	77.0	99.5	85.0
## 1993	115.0	17.0	120.5	37.15000	62.0	111.0	70.0
## 1994	90.5	34.5	102.0	36.55000	47.0	70.5	63.0
## 1995	124.0	21.0	108.0	37.20000	104.0	108.5	111.5
## 1996	128.5	20.0	130.5	36.40000	87.0	70.0	115.0
## 1997	128.5	27.5	105.5	37.05000	76.5	78.5	74.0
## 1999	82.0	16.5	126.0	37.60000	50.0	92.5	64.0
## 2000	333.5	18.5	108.0	37.22000	78.5	129.5	92.5

## 2001	123.0	23.0	100.5	36.45000	78.0	62.5	90.0
## 2002	122.5	16.5	101.0	36.35000	73.0	64.0	83.5
## 2003	125.0	16.0	107.0	36.70000	61.0	88.0	70.0
## 2004	133.0	27.0	111.0	37.55000	68.0	112.0	81.5
## 2005	75.0	25.5	151.0	36.70000	67.0	109.5	87.0
## 2006	134.0	21.0	101.0	37.15000	51.0	55.0	65.0
## 2007	150.5	16.0	114.5	35.95000	63.5	68.0	86.5
## 2008	107.0	17.5	113.5	36.90000	55.0	77.0	67.0
## 2009	401.0	24.0	128.0	37.10000	73.5	103.5	90.0
## 2010	280.0	23.5	129.0	37.60000	71.0	114.5	81.0
## 2011	120.0	26.0	116.5	36.75500	83.0	88.5	100.5
## 2014	108.0	16.0	95.0	37.10000	57.0	78.0	66.0
## 2015	244.5	12.0	104.5	37.25000	68.0	86.0	84.0
## 2016	190.0	18.5	141.0	36.35000	67.0	112.5	92.0
## 2017	115.5	26.5	134.5	37.85000	85.5	102.5	114.0
## 2018	297.0	26.5	133.0	34.30000	78.0	133.0	91.0
## 2019	124.0	20.0	110.0	36.70000	79.0	95.5	89.5
## 2020	133.0	17.5	111.5	36.60500	81.0	109.0	89.5
## 2024	111.5	21.5	105.0	38.35000	62.5	101.5	71.0
## 2025	99.0	32.0	132.0	36.60000	89.5	65.5	118.5
## 2027	128.5	19.0	129.0	36.55000	88.5	51.0	112.0
## 2028	274.5	22.0	108.0	36.35000	57.5	72.5	69.5
## 2029	101.5	18.5	109.0	37.05000	58.0	98.0	63.0
## 2030	130.0	23.0	125.5	36.75000	73.0	84.0	91.0
## 2031	118.0	20.0	120.5	36.95000	77.0	71.0	92.5
## 2032	134.5	29.0	106.0	36.60000	45.0	69.5	63.5
## 2033	137.0	23.5	127.5	36.75500	63.5	121.5	72.0
## 2034	124.0	28.5	110.0	36.65000	73.0	110.0	78.0
## 2035	91.0	19.5	99.5	38.50000	71.0	148.0	78.5
## 2036	101.0	28.5	120.5	36.30000	67.0	112.5	87.0
## 2037	151.0	18.0	158.5	36.65000	71.0	86.0	65.5
## 2038	155.5	32.0	132.5	36.85000	68.0	63.5	87.0
## 2039	128.5	18.0	138.0	36.80000	84.0	93.0	102.0
## 2040	162.5	19.5	133.0	36.55000	63.0	105.0	75.0
## 2041	160.0	18.5	156.0	36.65000	68.0	95.5	84.0
## 2042	128.5	18.0	138.0	36.60000	86.0	75.5	98.0
## 2043	177.5	20.0	118.0	36.85000	55.0	90.0	69.0
## 2045	173.0	24.0	124.5	36.96500	42.5	75.0	58.5
## 2047	344.5	21.0	107.5	36.50000	75.0	85.5	88.5
## 2048	156.5	28.5	87.0	36.80000	80.0	77.5	88.0
## 2049	89.5	20.0	114.5	37.15000	76.0	92.0	85.0
## 2050	101.0	17.5	145.0	36.85000	93.0	130.0	93.0
## 2051	271.5	15.0	174.5	36.90000	33.5	56.0	79.0
## 2052	104.0	15.5	133.5	35.90000	37.0	97.0	106.0
## 2054	140.0	10.5	128.0	35.85000	66.0	92.0	84.5
## 2055	303.5	21.0	119.5	36.60000	90.0	89.5	104.0
## 2057	124.0	18.0	106.0	36.90000	60.0	73.0	78.0
## 2058	93.0	23.0	117.0	36.95000	59.0	113.5	69.5
## 2059	130.0	14.0	117.0	36.35000	69.5	67.5	93.5
## 2060	144.0	18.5	97.5	36.90000	68.0	86.5	76.5
## 2062	112.0	20.0	147.5	37.10000	56.0	51.5	76.0
## 2063	103.0	26.0	123.5	36.00000	68.0	86.0	84.0
## 2064	272.5	23.5	155.0	36.80000	70.0	74.0	101.0
## 2065	93.0	31.0	159.5	37.00000	109.5	90.5	138.0

## 2067	147.0	32.0	128.5	37.10000	49.5	56.5	64.0
## 2068	142.5	19.5	146.0	37.05000	62.0	95.0	95.0
## 2069	223.0	17.5	138.5	36.70000	65.5	74.0	90.5
## 2070	124.0	27.0	126.5	36.55000	55.5	60.0	84.0
## 2071	136.0	21.0	136.0	36.75000	57.0	70.0	97.5
## 2072	134.0	36.5	101.0	36.65000	68.5	90.0	96.5
## 2074	262.0	26.0	123.0	37.05000	52.5	69.0	77.5
## 2075	91.5	22.0	125.0	36.60000	74.5	62.0	90.0
## 2077	126.0	16.5	119.5	37.35000	65.0	91.0	86.0
## 2078	169.5	17.0	149.5	37.00000	64.5	88.0	83.0
## 2079	91.0	16.5	111.5	36.95000	29.5	60.5	47.5
## 2080	98.0	24.0	131.5	36.75000	68.0	109.0	84.0
## 2081	128.5	24.0	156.0	36.60000	106.0	118.0	130.0
## 2082	130.0	11.0	116.5	37.05000	69.0	66.5	79.0
## 2083	231.0	23.0	101.0	37.00000	58.0	80.0	70.0
## 2084	128.5	18.0	113.0	37.00000	40.5	81.5	54.5
## 2085	260.0	17.0	133.0	36.45000	59.0	72.5	75.0
## 2086	281.0	21.0	134.5	36.30000	72.5	124.0	56.0
## 2087	94.0	20.0	125.5	37.00000	82.0	84.0	92.0
## 2088	142.5	19.0	180.5	36.55000	103.0	75.5	141.0
## 2090	100.0	31.0	114.0	36.95000	86.0	108.0	101.0
## 2092	128.5	23.0	108.0	37.15000	57.0	83.5	77.0
## 2093	73.5	16.0	110.5	37.20000	63.5	113.0	70.0
## 2094	162.0	18.0	120.5	36.70000	77.0	108.0	87.0
## 2095	126.0	17.0	117.0	37.40000	50.5	81.0	67.0
## 2096	85.0	24.0	98.5	36.75500	48.0	94.0	62.0
## 2097	124.0	26.0	134.0	36.20000	75.0	98.0	97.0
## 2099	95.0	17.5	160.5	36.45000	61.5	56.0	112.0
## 2100	111.0	22.5	122.0	36.75000	68.0	91.0	86.0
## 2101	128.5	14.5	131.0	36.90000	67.5	79.0	79.5
## 2103	110.0	16.0	145.5	36.65000	84.0	70.0	107.0
## 2105	111.0	16.0	137.5	36.55000	59.5	82.5	78.5
## 2106	150.0	22.5	96.0	36.55000	62.0	67.0	80.5
## 2107	132.0	16.5	131.0	37.24500	73.0	71.0	87.5
## 2108	116.0	16.0	116.0	37.45000	55.0	111.5	70.0
## 2110	219.0	14.5	109.5	36.85000	60.5	78.0	85.5
## 2111	131.5	23.0	160.5	36.50000	79.5	94.0	112.5
## 2112	338.5	25.0	105.5	37.75000	38.5	117.5	47.5
## 2113	160.5	19.5	109.5	36.65000	65.0	79.5	75.0
## 2114	144.0	45.5	136.0	37.05000	59.0	110.5	94.5
## 2115	97.0	15.0	131.0	37.25000	63.5	83.0	90.0
## 2117	102.0	22.5	119.0	36.75000	67.5	69.0	83.0
## 2118	142.0	20.0	162.5	36.30000	82.5	82.0	97.5
## 2119	123.5	24.0	115.5	36.80000	65.0	104.5	74.5
## 2120	118.5	19.0	133.5	36.95000	64.0	68.5	82.0
## 2122	284.5	20.0	156.0	36.85000	86.5	111.0	108.5
## 2123	110.0	16.0	113.5	36.50000	88.0	116.5	95.5
## 2124	105.5	20.5	110.0	36.85000	90.5	111.5	96.0
## 2125	146.0	17.5	128.0	37.75000	76.5	90.5	90.5
## 2126	103.0	24.0	132.0	37.05000	78.5	88.0	116.5
## 2127	81.0	26.5	114.5	37.15000	63.5	107.5	74.5
## 2128	101.5	26.0	131.5	36.65000	63.0	75.5	97.0
## 2130	99.5	27.5	134.0	36.70000	64.0	84.5	81.5
## 2131	130.0	26.5	149.5	37.15000	83.0	104.0	104.0

## 2132	111.5	16.5	117.0	37.05000	73.5	73.5	86.0
## 2133	134.0	24.0	100.5	36.30000	80.0	119.5	86.5
## 2134	95.0	23.5	114.0	36.25000	59.0	91.0	70.0
## 2135	153.0	16.5	125.5	37.05000	80.0	126.5	87.0
## 2136	110.5	18.0	119.0	37.60000	82.5	96.5	89.5
## 2137	101.0	17.5	152.5	36.45000	107.0	104.0	118.0
## 2138	138.0	20.0	90.0	36.80000	53.0	95.0	74.0
## 2139	112.0	25.0	110.5	36.50000	72.0	74.0	95.0
## 2140	109.0	22.0	119.0	37.05000	70.0	87.0	85.0
## 2141	111.0	18.0	122.5	36.70000	65.5	47.5	81.0
## 2142	193.0	33.0	139.0	37.05000	70.0	76.0	100.0
## 2143	191.0	20.5	111.0	36.55000	58.0	93.5	76.5
## 2144	117.0	34.0	115.0	36.90000	94.5	108.5	104.0
## 2145	131.0	14.5	142.5	36.80000	68.0	86.0	84.0
## 2146	134.5	18.0	113.5	37.30000	52.0	86.0	65.0
## 2147	167.0	17.0	116.0	36.40000	62.5	55.0	72.0
## 2148	167.5	18.5	97.5	36.55000	63.0	90.5	60.5
## 2150	129.0	18.5	132.5	37.05000	92.0	103.0	108.5
## 2151	134.5	15.5	116.5	36.60000	59.0	105.5	74.5
## 2153	145.5	18.5	147.5	36.60000	58.0	96.0	73.0
## 2155	122.5	19.0	103.5	36.80000	78.0	83.0	111.0
## 2157	255.5	23.0	102.0	37.35000	59.5	133.0	69.0
## 2158	125.0	27.0	113.5	36.63500	63.0	98.5	79.5
## 2159	233.5	19.5	106.0	36.05000	57.5	86.5	74.0
## 2160	120.0	21.5	127.0	36.10000	52.5	71.5	80.5
## 2161	201.0	19.5	102.0	36.55000	55.5	68.0	62.5
## 2162	111.5	17.0	133.0	36.35000	88.5	89.5	91.5
## 2163	122.0	13.5	117.0	37.75000	80.0	73.0	89.0
## 2164	182.0	18.5	114.5	36.55000	51.0	69.5	66.0
## 2165	115.5	30.0	113.5	36.85000	77.0	82.5	94.0
## 2166	140.5	17.5	140.0	37.30000	72.5	107.5	83.5
## 2167	207.0	18.5	125.5	35.95000	98.5	49.5	107.5
## 2168	162.0	20.5	93.5	36.40000	65.0	94.0	75.0
## 2169	106.0	23.5	95.5	36.85000	56.0	84.5	74.0
## 2170	104.0	19.0	92.0	36.90000	54.0	69.0	63.0
## 2171	188.0	21.5	165.0	37.00000	47.5	72.5	69.5
## 2172	90.0	16.0	152.0	36.40000	104.5	82.0	117.0
## 2174	157.0	19.5	143.0	36.80000	97.0	97.5	91.0
## 2175	90.5	19.5	135.5	36.55000	61.5	64.0	70.0
## 2176	284.5	20.5	116.5	36.70000	58.5	91.0	75.0
## 2177	100.0	20.5	119.5	36.60000	79.0	90.0	92.0
## 2178	153.0	21.5	128.0	37.05000	73.5	84.5	87.5
## 2179	186.5	17.0	97.5	37.25000	49.0	88.0	53.0
## 2180	130.0	15.5	111.0	37.00000	60.5	109.5	72.5
## 2181	78.0	21.0	126.0	36.00000	74.5	83.5	84.0
## 2182	231.5	18.5	133.0	37.20000	58.0	88.0	83.5
## 2184	132.5	16.5	123.5	36.50000	65.0	74.0	78.0
## 2185	106.0	31.0	103.5	37.50000	68.0	104.0	86.5
## 2187	201.0	25.0	103.5	36.40000	82.0	109.0	87.0
## 2188	156.0	20.0	130.0	38.10000	78.0	89.0	93.5
## 2189	121.5	29.0	102.0	36.90000	45.0	91.0	61.5
## 2190	104.0	18.5	108.5	37.50000	76.0	114.0	87.0
## 2195	94.0	16.0	106.5	36.41500	70.0	58.5	82.5
## 2196	106.5	22.0	120.0	36.95000	71.5	106.0	79.5

## 2197	125.5	18.0	102.5	36.45000	65.0	75.0	78.0
## 2198	128.5	20.5	131.0	37.05000	61.0	70.0	74.0
## 2199	151.5	22.0	156.5	36.85000	68.0	87.5	95.0
## 2200	115.0	14.5	152.5	36.85000	78.0	74.0	108.0
## 2201	141.5	28.0	103.5	36.55000	46.5	63.0	66.0
## 2202	80.5	29.0	100.5	36.90000	62.5	94.0	71.0
## 2203	157.0	24.0	145.0	36.55000	67.5	80.5	104.5
## 2204	117.0	20.0	148.0	37.50000	74.0	99.0	93.0
## 2205	128.5	20.0	123.0	36.95000	83.0	82.0	98.0
## 2206	115.5	30.0	113.5	36.85000	77.0	82.5	94.0
## 2207	136.5	26.0	109.0	36.20000	79.5	99.0	88.0
## 2208	145.0	25.5	137.0	36.50000	53.0	96.5	79.0
## 2209	104.5	26.5	87.5	36.70000	68.0	119.0	84.0
## 2210	144.0	15.5	127.5	36.85000	80.0	63.0	84.0
## 2211	201.0	19.0	118.0	36.35000	55.0	92.5	71.5
## 2212	90.5	13.5	128.5	36.55000	76.5	87.0	88.5
## 2213	297.0	19.0	145.5	37.00000	92.5	86.5	102.0
## 2214	116.0	24.5	105.0	37.05000	88.0	76.0	97.0
## 2215	251.0	21.5	130.5	37.60000	66.5	102.5	86.0
## 2216	96.5	17.5	118.5	36.10000	64.5	52.0	72.5
## 2218	135.0	19.5	102.0	37.60000	66.5	100.5	79.5
## 2219	213.0	19.0	141.0	36.50000	67.5	93.0	83.0
## 2220	102.0	25.0	129.5	38.40000	71.5	114.5	89.0
## 2221	172.0	17.0	109.0	36.05000	49.0	82.5	60.5
## 2223	111.0	23.0	98.0	36.70000	48.0	90.0	59.5
## 2224	164.5	29.5	130.5	37.90000	106.0	145.5	114.0
## 2225	157.5	22.0	112.5	37.45000	63.0	75.5	75.5
## 2226	152.0	15.5	114.0	36.85000	62.0	64.0	78.0
## 2227	197.0	14.5	118.0	37.25000	44.0	82.0	53.0
## 2229	98.5	17.5	112.5	35.09450	64.5	125.0	76.0
## 2231	178.0	29.0	126.0	37.55000	68.0	86.0	84.0
## 2232	160.0	19.0	86.5	36.75000	31.0	104.0	41.5
## 2234	81.0	16.5	141.0	36.75000	77.5	88.5	99.5
## 2235	82.0	13.5	119.5	36.80000	70.5	94.0	86.5
## 2238	140.0	19.5	153.5	36.45000	78.5	89.0	111.0
## 2240	149.5	25.0	103.0	37.00000	71.0	127.0	77.0
## 2241	71.5	18.5	169.5	36.50000	91.0	74.0	120.0
## 2243	118.0	15.5	115.0	36.75000	51.0	94.5	61.0
## 2244	128.0	32.0	108.0	37.95000	66.0	92.0	76.0
## 2245	128.5	29.5	120.0	37.10000	80.5	109.0	95.5
## 2246	148.5	21.5	99.5	36.75000	44.0	86.0	56.0
## 2247	98.0	20.0	127.5	37.20000	64.5	99.5	71.5
## 2249	128.5	24.5	120.0	36.65000	78.0	79.5	91.0
## 2250	161.5	19.0	110.0	37.00000	55.0	90.0	66.0
## 2251	208.5	31.0	152.0	35.70000	81.0	132.0	110.0
## 2252	118.0	18.0	137.0	37.05000	100.5	76.0	108.0
## 2253	165.0	17.5	141.5	36.80000	73.0	120.0	92.0
## 2254	159.5	26.0	150.0	35.49450	63.0	82.5	85.5
## 2255	319.0	30.0	130.5	37.05000	68.0	95.5	88.0
## 2256	139.0	24.0	132.0	37.63500	115.5	112.0	128.5
## 2258	90.0	27.0	121.5	37.00000	63.0	62.0	89.0
## 2259	238.0	17.0	120.0	36.90000	85.5	83.0	94.0
## 2260	179.5	30.0	169.5	36.70704	102.0	68.5	149.0
## 2261	123.0	17.5	117.0	37.15000	79.0	80.5	85.5



## 2262	105.5	20.5	113.5	37.20000	44.5	95.5	59.0
## 2263	92.5	26.5	118.5	37.80000	73.0	83.0	83.0
## 2266	157.5	23.0	128.0	36.75000	96.5	109.5	104.0
## 2267	114.0	18.0	140.5	36.80000	94.0	113.0	114.0
## 2269	128.5	16.0	105.5	36.90000	64.0	45.5	75.0
## 2270	95.0	19.0	95.5	36.70000	42.0	74.0	54.0
## 2272	123.0	19.0	150.5	36.70000	64.5	69.0	92.5
## 2273	115.5	23.0	138.5	36.90000	107.0	121.0	124.0
## 2274	158.0	27.0	138.5	36.95000	104.0	106.0	120.0
## 2275	139.0	21.0	145.0	36.75500	68.5	55.5	98.5
## 2276	232.5	17.0	150.5	36.69000	89.5	74.0	102.5
## 2277	191.0	28.0	111.5	37.95000	50.0	121.0	62.0
## 2278	195.0	18.0	145.5	36.95000	97.5	84.0	113.5
## 2281	128.5	16.0	139.0	36.40000	97.0	83.0	107.0
## 2282	117.5	20.5	105.5	35.80000	91.5	103.0	120.5
## 2285	128.5	18.5	112.0	35.50000	51.5	67.5	67.5
## 2286	87.0	17.0	126.5	36.70000	83.5	97.5	100.5
## 2287	128.5	19.0	115.0	37.20000	57.0	84.0	75.0
## 2288	260.5	12.5	131.5	36.25000	70.0	56.0	88.0
## 2289	158.0	17.0	108.0	36.70000	53.5	50.0	71.0
## 2290	88.0	27.0	136.5	36.45000	85.5	94.5	110.0
## 2294	85.5	25.5	99.0	37.00000	56.0	69.0	71.5
## 2296	108.0	21.0	156.0	37.20000	78.0	63.0	102.5
## 2297	144.5	17.5	109.5	36.70000	72.0	63.0	81.5
## 2299	100.0	13.5	126.5	36.50000	47.0	71.5	65.5
## 2300	95.0	15.5	123.0	36.75000	56.5	106.5	70.0
## 2301	128.5	22.0	106.0	36.50000	58.0	85.0	69.0
## 2302	89.0	19.0	94.0	36.80000	55.5	77.0	62.0
## 2303	126.5	17.5	111.5	37.50000	47.5	109.0	62.0
## 2304	112.5	21.0	126.5	36.75000	68.5	73.0	78.5
## 2305	121.0	14.0	127.0	36.99500	67.5	74.5	80.5
## 2307	110.0	17.0	114.0	36.75500	68.0	62.0	84.0
## 2308	110.0	18.0	111.0	36.35000	58.5	98.0	75.0
## 2309	228.5	20.5	93.5	36.35000	57.0	103.5	68.0
## 2310	114.0	25.0	135.5	36.40000	62.0	72.0	96.0
## 2312	101.0	17.0	91.0	36.40000	50.0	81.0	55.5
## 2314	115.0	18.5	169.0	36.65000	67.5	69.5	99.0
## 2315	193.0	24.0	115.5	37.85000	67.5	134.5	75.5
## 2316	126.0	21.5	119.0	37.05000	54.0	90.0	71.5
## 2317	117.0	19.0	119.0	37.50300	69.0	95.0	93.5
## 2318	126.5	21.0	104.5	37.10000	61.5	103.5	79.0
## 2320	205.0	16.0	145.5	36.55000	86.0	73.0	110.0
## 2322	111.0	18.0	121.0	36.60000	83.5	77.0	97.5
## 2323	144.5	16.0	116.5	36.00000	57.5	73.5	78.5
## 2324	126.5	13.5	101.0	36.80000	46.0	85.0	60.5
## 2327	101.0	19.0	131.0	36.45000	48.0	52.0	64.0
## 2328	91.5	20.0	90.5	35.90000	52.0	72.0	62.0
## 2329	158.0	21.0	116.5	36.05000	63.0	100.5	87.0
## 2330	169.0	20.0	125.5	37.02000	69.0	96.5	88.5
## 2331	157.0	20.0	136.0	37.65000	87.5	83.5	98.5
## 2333	66.5	20.0	125.0	36.65000	63.0	86.5	74.0
## 2335	271.0	21.5	143.5	36.50000	91.5	93.0	120.5
## 2336	221.0	11.5	135.5	36.30000	79.0	97.0	89.0
## 2339	128.5	15.0	149.0	36.72000	68.0	86.0	84.0

## 2340	117.0	18.0	143.5	38.05000	70.5	86.5	89.0
## 2341	282.0	19.5	152.5	37.35000	76.5	106.0	94.0
## 2342	128.5	11.5	135.0	36.50000	68.0	86.0	84.0
## 2343	100.5	19.5	122.5	36.70000	68.0	84.0	75.0
## 2344	80.0	15.5	114.5	36.90000	50.5	89.0	64.0
## 2347	111.5	15.0	108.5	36.70000	77.5	73.5	84.0
## 2348	118.0	16.5	111.5	37.05000	63.0	103.0	76.0
## 2349	128.5	19.0	123.0	36.60000	102.5	84.5	110.0
## 2350	113.5	21.0	150.0	37.25000	68.0	89.5	93.0
## 2352	141.0	14.0	127.0	36.40000	89.5	89.0	108.5
## 2354	95.0	18.5	125.5	36.60500	67.5	78.5	87.0
## 2355	136.5	21.5	107.5	36.65000	49.0	58.0	61.0
## 2356	128.5	18.0	113.0	36.55000	57.0	65.5	71.5
## 2357	181.5	16.0	113.0	37.75000	69.0	80.0	76.5
## 2358	133.5	13.5	107.0	36.72000	56.0	45.0	63.5
## 2359	130.0	21.0	132.0	36.60000	81.0	77.0	98.0
## 2360	186.0	19.0	104.5	36.55000	72.0	67.5	81.5
## 2361	320.5	16.0	153.0	36.55000	65.5	83.0	85.0
## 2363	118.0	27.5	130.0	36.85000	64.0	104.0	83.0
## 2364	122.0	21.0	139.5	36.05000	68.0	86.0	84.0
## 2365	151.0	19.5	137.5	36.80000	77.5	100.0	98.5
## 2368	125.5	15.5	88.5	36.85000	50.0	106.5	56.5
## 2369	132.5	16.5	112.0	36.65000	62.0	73.0	81.0
## 2370	109.5	16.5	100.5	37.75000	56.0	104.5	70.5
## 2371	206.5	15.0	110.0	37.20000	85.0	96.0	105.0
## 2372	141.5	24.0	140.0	36.70000	114.0	92.0	134.0
## 2373	122.0	16.5	112.5	36.60000	69.0	82.0	79.5
## 2374	143.5	28.5	160.5	37.65000	97.0	123.5	128.0
## 2375	93.0	20.0	110.5	37.25000	50.0	80.0	66.0
## 2376	375.5	39.0	132.5	36.85000	72.5	107.5	84.5
## 2377	133.5	19.0	112.0	36.85000	55.0	105.5	69.0
## 2378	138.0	22.0	161.0	36.70000	62.0	81.5	89.0
## 2379	127.0	20.0	106.0	36.50000	59.0	83.0	64.5
## 2381	165.0	18.0	115.5	36.85000	62.0	101.5	78.0
## 2382	193.0	15.5	139.5	36.75500	99.5	92.5	117.0
## 2383	272.5	19.0	131.5	36.60000	72.0	109.0	93.0
## 2384	99.0	16.5	127.0	36.75000	68.0	80.5	113.0
## 2385	104.0	21.0	123.0	36.40000	54.5	74.0	71.0
## 2386	104.0	23.0	129.5	36.50000	75.0	92.0	84.0
## 2387	174.0	17.0	125.0	36.44000	67.0	102.0	79.5
## 2388	114.5	25.0	101.0	36.50000	69.5	66.0	85.5
## 2390	113.0	15.5	120.0	36.40000	102.0	80.0	127.0
## 2391	99.5	17.0	140.5	36.69000	68.0	86.0	84.0
## 2393	151.0	14.5	105.5	36.35000	50.0	49.0	68.0
## 2394	220.5	16.5	117.0	36.50000	79.0	76.0	80.0
## 2395	170.0	14.5	102.5	36.55000	53.5	91.5	69.5
## 2397	186.0	17.0	137.5	36.85000	74.5	80.0	88.0
## 2398	128.5	16.0	109.0	36.70000	57.0	64.0	67.0
## 2399	96.0	22.0	137.5	36.80000	78.0	85.0	95.5
## 2400	131.0	18.0	177.0	37.40000	101.0	94.0	149.0
## 2401	108.0	21.0	121.5	37.15000	65.0	81.0	79.0
## 2402	89.0	21.0	136.5	36.20000	53.0	59.0	82.0
## 2404	90.0	29.0	125.5	36.60000	68.0	69.5	90.5
## 2407	147.5	17.5	108.0	36.65000	50.0	85.5	76.5

## 2412	103.0	16.0	115.0	36.40000	55.5	81.5	71.5
## 2413	130.5	13.0	104.0	36.90000	57.0	80.5	66.0
## 2414	160.0	26.0	138.5	36.75500	91.0	114.0	107.0
## 2415	82.0	14.0	119.0	37.15000	62.0	48.0	77.0
## 2416	130.0	24.0	121.0	36.95000	42.0	113.0	61.5
## 2417	135.0	21.0	105.5	36.90000	84.0	90.0	106.0
## 2419	143.5	19.0	119.0	36.40000	69.0	79.0	83.0
## 2421	108.0	24.0	134.5	37.05000	69.5	83.5	81.5
## 2422	117.5	28.5	123.0	36.65000	63.0	114.5	77.5
## 2423	135.0	18.0	97.0	35.75000	60.5	61.5	67.5
## 2424	97.5	17.5	109.5	36.50000	57.0	54.5	67.5
## 2425	119.0	18.0	135.5	36.45000	58.0	55.0	83.0
## 2427	93.0	17.0	128.5	37.90000	63.5	78.5	77.0
## 2428	162.0	16.0	123.0	37.35500	67.0	50.5	80.5
## 2429	98.0	22.5	111.5	37.00000	61.5	89.0	71.5
## 2431	122.0	15.0	131.5	36.55000	85.5	98.5	120.5
## 2432	230.5	27.0	146.5	37.10000	85.5	90.0	120.0
## 2433	148.0	17.0	109.0	36.70000	42.5	65.5	56.0
## 2434	135.0	19.0	142.5	36.80000	76.0	120.0	90.0
## 2437	123.5	19.0	129.5	38.00000	91.0	81.0	101.5
## 2438	108.0	15.0	144.0	37.00000	64.0	76.0	83.5
## 2440	98.0	26.0	142.0	36.85000	76.0	84.0	96.0
##	h1_resprate	h1_spo2	h1_sysbp	h1_sysbp_noninvasive			
## 1	43	98.5	103.0		79.0		
## 2	46	100.0	151.0		117.0		
## 3	47	98.5	163.0		125.0		
## 4	44	99.0	146.5		113.5		
## 6	67	95.5	133.0		110.5		
## 7	28	100.0	116.0		87.0		
## 8	34	99.0	127.5		107.0		
## 9	36	99.0	145.0		123.0		
## 10	43	97.0	138.0		110.5		
## 11	37	99.0	136.5		93.5		
## 12	40	99.5	99.0		75.5		
## 13	28	99.0	137.5		111.0		
## 15	52	94.5	109.0		77.0		
## 17	34	97.5	140.0		103.5		
## 18	26	99.0	98.0		96.0		
## 19	66	95.5	118.0		94.5		
## 20	46	98.0	170.5		145.0		
## 21	37	97.5	123.0		96.0		
## 22	40	94.0	153.0		123.0		
## 23	49	93.5	129.0		107.0		
## 24	48	98.0	170.0		121.0		
## 25	59	99.5	138.0		108.0		
## 27	25	100.0	129.5		111.0		
## 30	44	95.5	124.0		103.0		
## 31	25	100.0	118.0		96.5		
## 32	27	99.5	101.5		85.0		
## 33	30	87.0	82.5		74.5		
## 34	30	99.0	133.0		99.0		
## 35	48	100.0	123.0		96.0		
## 36	60	94.5	162.0		122.0		
## 37	32	97.0	124.0		98.0		

## 38	52	93.0	136.0	99.5
## 41	41	100.0	111.5	85.0
## 42	22	95.0	80.0	64.0
## 43	37	92.5	159.0	112.0
## 44	50	97.5	100.5	81.5
## 45	37	100.0	103.0	96.0
## 46	58	93.0	92.0	76.0
## 47	31	95.0	147.0	105.5
## 48	40	86.0	73.5	66.5
## 49	59	98.5	144.5	123.0
## 50	69	100.0	87.5	74.5
## 51	27	100.0	121.5	96.5
## 52	30	99.5	122.0	99.5
## 53	28	97.5	167.0	129.5
## 54	29	99.0	136.0	96.0
## 55	42	97.5	114.5	89.5
## 56	36	100.0	131.0	104.0
## 57	31	98.0	125.0	97.5
## 58	31	86.0	127.0	103.0
## 59	52	100.0	130.0	117.0
## 62	30	99.5	146.0	111.5
## 63	34	98.5	143.0	113.0
## 64	44	98.0	123.0	96.0
## 65	42	99.0	133.5	103.5
## 66	40	100.0	122.0	95.0
## 67	35	95.5	124.0	84.5
## 68	34	98.5	140.0	116.0
## 69	65	93.0	141.5	114.0
## 70	37	97.5	123.0	96.0
## 71	39	97.0	143.5	112.5
## 73	26	92.5	121.5	99.0
## 74	45	96.5	122.5	105.0
## 75	35	99.0	104.0	83.0
## 76	24	100.0	129.5	96.0
## 77	43	96.5	94.5	76.5
## 78	37	96.5	74.0	61.0
## 79	43	97.0	139.5	104.5
## 80	24	93.0	208.0	157.0
## 82	37	100.0	130.5	105.0
## 83	35	96.0	147.5	112.5
## 84	32	82.5	105.0	70.0
## 85	48	100.0	116.0	93.0
## 87	34	98.5	117.5	97.5
## 88	38	98.5	111.0	93.5
## 89	28	100.0	101.5	82.5
## 91	32	96.0	152.0	119.0
## 93	30	96.0	122.5	93.5
## 94	26	100.0	145.0	107.5
## 95	34	97.0	139.0	107.0
## 96	44	100.0	120.0	94.5
## 97	59	94.5	115.0	95.0
## 98	47	98.0	93.0	72.0
## 99	42	62.5	138.0	114.0
## 100	33	100.0	82.0	66.5

## 101	38	97.5	123.0	96.0
## 102	26	100.0	100.5	96.0
## 103	47	88.5	111.0	79.5
## 104	27	99.0	110.0	93.0
## 105	30	99.5	112.5	104.0
## 106	37	96.0	129.5	94.0
## 107	61	99.5	108.0	83.0
## 108	64	91.0	147.5	114.0
## 109	32	99.0	140.5	94.0
## 110	39	96.0	81.0	70.5
## 111	37	97.5	123.0	96.0
## 112	41	94.0	135.0	92.5
## 114	34	99.0	128.0	91.5
## 115	57	95.5	99.0	82.5
## 118	26	94.0	104.0	88.5
## 119	25	91.0	106.0	86.5
## 120	37	98.0	121.0	100.0
## 121	46	97.0	181.0	139.5
## 125	52	99.0	186.0	143.0
## 126	29	100.0	93.5	78.0
## 127	35	93.0	127.0	92.5
## 128	34	98.5	121.5	96.0
## 129	35	98.5	103.5	84.0
## 130	33	98.0	119.5	93.0
## 132	63	91.0	120.5	96.5
## 133	30	97.5	123.0	96.0
## 134	25	96.0	98.0	82.5
## 136	41	99.0	157.5	134.0
## 138	30	99.0	128.5	96.0
## 139	47	99.0	114.5	85.0
## 141	26	95.0	98.0	70.0
## 143	74	98.5	143.5	117.0
## 144	46	92.0	108.5	87.0
## 145	31	100.0	115.0	92.5
## 146	32	97.0	141.5	104.0
## 147	65	96.0	150.0	118.0
## 148	31	100.0	169.0	128.0
## 150	30	99.5	120.5	93.0
## 151	37	95.0	142.5	110.0
## 152	36	99.0	198.0	153.0
## 153	52	97.0	112.5	93.5
## 155	25	96.5	89.5	70.5
## 157	54	97.0	105.0	87.5
## 159	31	97.5	147.0	111.5
## 160	50	84.0	103.0	96.5
## 161	38	98.5	128.0	100.0
## 162	29	97.5	143.0	115.0
## 163	38	99.0	121.0	95.0
## 164	26	98.5	112.5	99.0
## 165	45	95.0	106.5	83.5
## 166	37	97.5	123.0	96.0
## 167	28	99.0	92.0	74.5
## 168	33	99.5	153.5	124.5
## 170	81	100.0	106.5	85.0

## 171	41	95.0	124.0	101.0
## 172	59	90.0	168.5	132.5
## 173	47	95.0	133.5	102.0
## 174	49	98.0	114.0	92.5
## 175	45	95.0	127.5	104.0
## 176	37	97.0	97.5	86.5
## 177	37	95.0	115.0	91.5
## 178	38	97.0	123.0	96.0
## 179	47	88.5	111.0	79.5
## 180	35	98.0	120.0	98.0
## 181	23	100.0	131.5	109.5
## 182	37	97.0	93.5	76.0
## 183	56	93.0	115.5	93.5
## 184	32	97.5	117.0	88.5
## 186	34	94.0	129.0	97.0
## 188	43	96.5	93.5	74.5
## 189	37	97.5	123.0	96.0
## 190	27	98.0	141.5	125.5
## 191	27	99.0	127.0	101.0
## 193	40	98.0	136.0	103.0
## 198	37	97.5	123.0	96.0
## 200	20	100.0	86.0	96.0
## 201	34	99.0	142.0	126.5
## 202	38	98.5	171.5	138.5
## 203	59	97.0	161.5	134.0
## 204	24	97.5	144.0	114.0
## 205	40	93.5	136.5	106.0
## 206	27	99.0	102.0	88.0
## 207	38	98.0	115.0	81.0
## 208	64	100.0	126.0	97.5
## 209	34	97.5	148.5	114.0
## 211	55	94.5	149.0	120.5
## 212	23	97.5	183.0	132.0
## 213	50	99.0	119.0	97.0
## 214	37	97.5	123.0	96.0
## 215	44	100.0	152.0	123.0
## 217	39	97.5	106.5	96.0
## 218	75	100.0	101.0	75.5
## 219	35	97.5	120.5	98.0
## 221	37	98.5	129.0	101.5
## 222	86	90.5	90.0	76.0
## 223	63	100.0	114.5	85.5
## 224	36	99.0	105.0	88.5
## 225	25	98.5	184.5	153.5
## 226	22	100.0	151.5	108.5
## 228	38	94.0	146.0	117.5
## 229	26	98.0	128.0	108.5
## 230	48	96.0	141.5	109.5
## 231	37	99.5	167.5	151.5
## 232	32	98.0	126.0	102.5
## 233	30	100.0	145.0	129.5
## 235	28	97.0	138.0	113.0
## 236	42	96.0	153.0	120.0
## 237	60	98.0	128.0	107.5

## 238	42	95.0	128.0	99.0
## 239	34	96.0	94.5	71.5
## 241	20	96.0	102.0	76.0
## 242	34	90.0	118.0	101.0
## 243	56	97.5	112.0	82.5
## 244	32	98.5	122.0	96.5
## 246	56	100.0	116.0	90.5
## 247	34	92.0	108.0	82.5
## 248	46	98.0	124.0	97.0
## 250	27	97.5	107.0	93.0
## 251	24	98.0	170.0	96.0
## 252	33	93.5	173.5	134.0
## 253	46	95.0	95.0	80.5
## 254	37	100.0	71.0	97.0
## 255	40	99.0	123.0	96.0
## 256	54	98.5	123.0	94.5
## 257	31	94.5	115.0	96.0
## 258	56	99.0	168.5	137.0
## 259	37	100.0	110.5	82.5
## 260	44	98.0	116.5	102.5
## 262	39	100.0	152.5	111.5
## 263	19	94.0	200.5	135.0
## 264	32	97.5	117.5	90.0
## 265	35	95.0	100.0	80.5
## 266	22	100.0	112.0	104.0
## 267	42	97.0	133.0	109.0
## 268	31	100.0	160.0	121.0
## 269	29	97.5	116.0	84.5
## 270	43	95.0	133.5	97.0
## 271	44	98.0	102.0	77.0
## 272	50	96.0	123.5	98.5
## 273	36	100.0	165.5	143.5
## 274	46	94.5	120.0	97.5
## 275	32	97.0	126.0	98.0
## 276	35	98.5	125.5	105.0
## 278	36	93.5	122.0	100.0
## 279	32	97.0	93.0	96.0
## 280	30	91.0	106.5	88.5
## 281	19	98.0	124.5	99.0
## 282	23	99.5	116.0	103.0
## 284	40	98.0	119.0	105.0
## 285	37	96.0	100.0	96.0
## 286	40	95.5	175.0	136.0
## 287	41	96.0	140.0	100.5
## 288	27	99.0	94.0	78.0
## 289	46	95.0	131.0	95.5
## 291	36	100.0	152.0	117.5
## 292	28	97.0	134.5	96.0
## 294	44	96.0	120.5	92.5
## 295	43	96.5	79.5	69.5
## 296	37	97.5	123.0	96.0
## 297	44	98.5	111.0	91.5
## 298	34	91.0	145.0	110.0
## 299	33	99.0	121.5	96.0

## 300	30	99.5	124.0	112.0
## 301	31	98.0	113.5	97.5
## 303	37	99.0	128.0	106.0
## 304	41	93.5	91.5	74.5
## 306	35	100.0	134.5	101.5
## 307	28	97.0	131.0	110.0
## 309	34	99.5	92.0	82.5
## 310	33	96.0	174.0	118.5
## 312	42	92.0	116.5	92.5
## 313	25	100.0	100.5	81.0
## 314	40	96.5	112.5	86.0
## 315	37	97.5	112.0	83.0
## 316	28	94.0	124.5	96.0
## 317	34	97.5	102.0	85.0
## 318	50	97.0	183.0	135.5
## 319	40	100.0	138.0	108.5
## 321	29	98.5	125.5	102.0
## 323	44	96.0	158.0	130.0
## 324	46	92.0	92.0	73.5
## 325	40	96.5	113.5	83.5
## 326	50	99.0	103.0	82.0
## 327	40	98.5	152.0	126.5
## 328	39	98.5	147.0	102.5
## 329	35	93.5	95.5	77.0
## 331	45	92.0	82.0	67.0
## 334	40	96.0	137.0	103.5
## 335	39	99.5	113.5	86.5
## 336	40	97.5	111.0	96.0
## 337	39	97.5	112.5	91.0
## 338	35	99.0	142.0	112.0
## 340	33	94.0	105.5	81.5
## 342	36	98.5	110.5	94.0
## 343	36	100.0	101.5	96.0
## 345	44	99.5	121.0	96.0
## 346	32	98.0	93.0	82.5
## 347	34	98.0	135.5	109.5
## 348	35	99.0	121.0	98.0
## 350	28	96.5	91.0	77.5
## 351	64	97.0	90.0	76.0
## 352	49	99.0	115.0	82.5
## 353	34	96.5	127.5	108.0
## 354	34	98.0	103.0	77.5
## 357	32	94.0	92.5	81.5
## 358	50	94.0	128.0	104.0
## 359	28	98.5	122.5	103.5
## 360	30	99.5	168.0	119.5
## 361	21	97.5	100.5	80.5
## 362	33	97.5	112.5	97.0
## 363	25	100.0	123.0	71.5
## 364	28	94.0	130.0	95.0
## 367	36	95.0	142.5	106.5
## 368	39	95.0	161.5	125.5
## 370	40	100.0	105.0	80.5
## 372	36	97.5	135.0	116.0



## 374	35	100.0	118.0	96.5
## 375	44	95.0	141.0	113.5
## 376	34	99.5	112.0	98.5
## 377	52	98.0	109.0	83.5
## 378	54	99.0	101.0	80.5
## 379	34	98.5	106.0	85.5
## 380	38	86.5	106.5	81.5
## 381	31	97.0	142.5	102.5
## 382	33	93.5	172.0	130.5
## 383	39	97.5	117.5	92.0
## 384	20	94.5	115.0	88.5
## 385	42	96.5	108.0	94.5
## 386	29	99.5	129.0	96.0
## 387	22	100.0	123.5	96.0
## 388	38	93.5	139.5	113.0
## 391	34	97.0	147.0	106.0
## 392	42	100.0	135.0	110.0
## 393	32	98.0	128.5	91.5
## 394	32	96.5	146.0	116.0
## 395	52	97.5	133.5	106.5
## 397	37	97.5	123.0	96.0
## 398	47	95.0	85.0	76.0
## 399	25	100.0	150.0	121.5
## 400	32	98.0	124.0	101.0
## 401	32	100.0	98.0	78.5
## 402	40	93.0	140.0	106.0
## 403	40	97.5	155.0	126.5
## 404	32	97.0	142.0	113.0
## 405	59	94.0	134.0	101.5
## 406	40	96.0	126.0	90.5
## 407	35	97.0	141.5	109.5
## 408	27	99.0	118.0	98.0
## 409	67	96.5	112.5	83.5
## 410	33	98.5	160.5	96.0
## 411	37	98.0	87.5	71.5
## 414	22	98.0	157.0	127.0
## 416	38	100.0	87.0	68.5
## 417	24	100.0	109.0	91.0
## 418	16	98.5	118.0	103.5
## 419	33	81.5	108.5	100.0
## 420	30	100.0	134.0	109.5
## 421	53	97.5	129.5	107.0
## 423	35	99.5	101.5	77.5
## 424	37	96.0	113.0	96.0
## 426	28	100.0	115.0	93.5
## 427	37	100.0	107.5	96.0
## 428	44	98.0	131.0	101.0
## 429	46	94.0	133.0	109.0
## 430	26	100.0	98.5	74.0
## 431	39	58.0	89.0	72.5
## 432	30	97.5	118.0	89.0
## 433	34	100.0	115.0	87.0
## 435	38	86.5	124.5	104.0
## 436	30	92.5	129.0	107.0

## 437	46	98.5	129.5	111.0
## 439	42	97.5	113.0	94.0
## 440	37	100.0	127.0	107.5
## 443	48	100.0	164.0	128.0
## 444	22	98.5	110.0	83.0
## 446	36	94.5	124.5	100.0
## 448	32	91.5	127.5	106.5
## 449	41	96.5	100.0	77.5
## 450	42	96.0	97.0	83.0
## 451	38	97.0	136.0	103.5
## 452	67	89.5	90.5	79.0
## 455	36	100.0	154.0	96.0
## 456	33	96.5	119.5	89.0
## 457	32	96.0	125.0	104.0
## 458	66	95.0	136.0	100.0
## 459	38	96.5	109.0	96.0
## 460	38	100.0	99.0	78.5
## 461	44	97.0	100.5	86.0
## 463	32	97.5	89.5	68.5
## 464	37	99.5	117.5	92.0
## 465	48	95.0	117.0	85.5
## 466	46	97.5	110.5	93.5
## 467	30	99.0	125.0	96.0
## 468	24	97.5	122.0	104.5
## 469	34	96.0	78.5	61.5
## 470	40	97.0	201.5	148.5
## 471	57	95.0	118.5	91.5
## 472	40	99.0	113.5	89.0
## 473	64	95.5	142.0	111.0
## 475	62	96.5	195.5	153.5
## 477	40	83.0	109.5	95.5
## 478	36	98.5	107.0	84.0
## 479	48	100.0	145.0	110.5
## 480	43	97.0	118.5	96.0
## 481	43	98.0	150.5	128.0
## 482	37	99.0	142.5	102.0
## 483	34	93.0	144.0	96.0
## 484	86	91.5	143.0	107.5
## 485	57	97.5	92.0	68.5
## 486	27	93.5	99.0	87.5
## 487	37	100.0	116.0	93.5
## 488	42	100.0	146.0	105.5
## 489	38	93.5	125.0	106.0
## 490	28	98.0	106.0	86.5
## 491	26	100.0	130.0	102.0
## 492	28	97.5	120.5	89.5
## 494	37	97.5	99.0	75.5
## 495	53	88.0	106.0	77.5
## 496	32	95.0	99.0	79.5
## 497	44	93.0	146.0	109.5
## 498	37	97.0	154.0	123.0
## 499	36	99.0	142.5	116.0
## 500	33	94.0	105.5	81.5
## 501	34	99.0	127.0	106.0

## 504	36	97.5	124.0	100.0
## 505	48	99.0	174.0	144.5
## 507	21	97.0	148.5	119.0
## 509	42	98.5	109.0	94.0
## 510	32	100.0	91.5	74.5
## 511	53	97.5	191.5	153.0
## 514	36	96.0	123.0	100.5
## 515	38	96.0	125.0	107.0
## 516	39	100.0	125.5	103.5
## 517	36	100.0	109.0	73.5
## 518	38	95.5	157.0	117.5
## 519	45	97.0	137.5	115.0
## 520	40	93.0	99.0	84.0
## 522	48	97.5	115.5	88.5
## 523	42	96.0	108.0	84.5
## 525	32	100.0	132.0	99.5
## 527	32	99.5	92.0	76.5
## 528	45	99.5	123.0	96.0
## 529	56	100.0	124.5	100.5
## 530	17	99.5	112.0	85.0
## 531	35	96.0	135.0	112.0
## 532	46	98.0	123.0	96.0
## 533	40	95.0	135.0	98.5
## 534	45	91.0	94.5	77.0
## 535	45	97.5	165.0	148.5
## 537	38	95.0	138.0	101.5
## 538	43	100.0	136.0	106.5
## 539	24	100.0	125.0	97.0
## 540	54	99.0	122.0	92.0
## 541	36	95.0	128.0	101.0
## 542	40	99.0	143.0	116.5
## 544	29	94.0	114.0	96.0
## 545	42	100.0	140.0	119.0
## 546	34	100.0	129.5	97.0
## 551	25	96.0	147.0	106.0
## 552	32	94.0	123.0	97.5
## 553	24	98.0	138.5	108.5
## 554	49	92.0	115.0	91.5
## 557	37	93.0	111.0	83.5
## 558	39	93.5	123.0	91.0
## 559	36	98.0	139.0	111.0
## 561	50	93.0	124.5	91.5
## 563	30	100.0	95.5	63.5
## 565	35	97.5	146.5	121.0
## 567	22	99.0	142.0	112.0
## 568	45	97.5	92.5	77.5
## 569	45	90.0	109.0	90.5
## 570	49	95.0	95.0	75.0
## 571	28	100.0	115.0	90.5
## 573	40	99.0	129.5	104.0
## 574	42	100.0	123.0	94.0
## 575	56	98.5	126.0	103.0
## 576	44	93.5	113.5	99.5
## 577	40	98.0	102.0	86.0

## 578	16	99.0	115.0	96.5
## 579	40	94.0	98.0	78.5
## 582	33	100.0	151.0	117.0
## 583	29	96.0	130.5	107.0
## 584	54	96.0	139.0	102.5
## 585	27	96.0	112.0	86.0
## 586	42	100.0	143.0	111.5
## 587	36	95.5	143.0	120.5
## 590	38	100.0	103.5	80.5
## 593	34	100.0	130.0	113.5
## 594	36	99.0	89.0	63.5
## 595	42	97.0	104.0	75.5
## 596	32	97.5	151.5	114.5
## 597	32	100.0	101.0	80.0
## 598	36	96.0	158.0	113.0
## 599	46	100.0	102.5	84.0
## 600	37	96.0	129.0	97.0
## 601	56	98.0	104.0	75.5
## 602	40	95.0	119.0	95.5
## 603	37	97.5	148.0	123.5
## 604	52	99.0	92.0	77.5
## 605	60	100.0	92.0	70.0
## 606	41	98.5	123.0	91.5
## 608	32	97.0	100.0	79.0
## 609	50	100.0	119.0	103.5
## 610	43	88.5	125.5	101.5
## 611	32	100.0	127.0	85.0
## 613	31	96.5	151.0	121.0
## 614	34	99.5	161.5	119.5
## 616	58	100.0	127.0	90.0
## 617	29	98.5	116.5	96.0
## 618	40	94.5	110.5	77.5
## 619	29	96.5	122.5	97.0
## 620	73	94.0	130.5	99.0
## 622	54	97.0	109.0	93.0
## 623	48	100.0	178.0	117.5
## 625	45	96.5	135.0	116.5
## 627	38	96.0	102.0	70.5
## 629	32	100.0	126.0	100.0
## 630	32	98.0	115.0	88.0
## 632	37	97.5	123.0	96.0
## 633	68	97.0	135.5	102.0
## 634	49	99.0	139.0	94.5
## 637	41	97.5	107.0	80.5
## 639	39	99.0	124.0	96.0
## 640	51	100.0	177.0	142.5
## 641	22	99.0	104.0	86.5
## 642	83	100.0	110.0	89.0
## 643	35	98.0	107.5	91.5
## 645	46	100.0	121.0	90.5
## 646	27	98.0	112.5	87.0
## 647	34	96.0	136.5	107.5
## 649	42	96.5	101.0	87.5
## 651	37	97.5	123.0	96.0

## 652	40	100.0	98.0	86.5
## 654	66	98.0	136.0	96.0
## 655	43	97.5	172.0	132.5
## 656	40	100.0	89.0	69.5
## 658	42	98.0	146.0	107.5
## 659	44	90.5	163.0	136.0
## 661	31	98.0	129.0	94.0
## 664	37	90.5	164.5	135.5
## 665	24	96.0	124.0	94.5
## 666	35	93.5	106.5	85.0
## 667	40	96.5	96.5	79.5
## 668	25	95.5	92.0	75.0
## 669	24	99.5	98.0	79.0
## 670	27	99.5	92.5	74.5
## 671	40	93.5	127.5	87.5
## 673	50	94.0	97.5	73.5
## 674	28	100.0	100.5	84.0
## 677	42	99.0	152.0	120.5
## 679	22	95.0	124.0	91.5
## 681	30	98.0	139.0	126.5
## 682	46	99.0	99.0	86.0
## 683	40	100.0	149.0	113.5
## 684	29	100.0	97.5	84.5
## 686	44	88.0	174.0	135.0
## 688	53	97.5	112.0	96.5
## 689	30	97.5	103.0	81.5
## 690	38	94.0	104.5	80.5
## 692	38	98.0	125.0	98.0
## 693	37	99.0	130.0	99.0
## 694	28	99.0	135.0	107.0
## 695	29	99.0	101.5	82.5
## 696	37	96.5	146.5	114.0
## 697	53	96.0	90.0	73.5
## 698	40	98.5	165.0	96.0
## 699	32	99.5	138.0	103.0
## 700	50	99.5	102.0	96.0
## 701	31	88.5	120.0	99.0
## 702	44	94.5	69.5	55.5
## 703	29	100.0	108.0	77.5
## 704	46	95.0	138.0	90.0
## 705	32	96.0	131.0	103.0
## 706	50	95.5	144.5	106.5
## 707	44	93.0	141.5	106.0
## 708	37	97.5	123.0	96.0
## 709	44	97.0	143.5	113.5
## 710	48	100.0	104.0	79.5
## 711	32	100.0	107.0	77.5
## 714	37	83.5	131.5	89.0
## 715	38	100.0	105.0	77.5
## 716	26	99.0	143.0	116.0
## 717	26	97.0	150.0	121.5
## 718	59	96.5	112.5	91.0
## 720	37	97.5	173.5	122.0
## 722	47	100.0	170.5	127.0

## 724	50	99.0	119.0	94.5
## 725	39	100.0	140.5	111.0
## 727	33	99.5	130.0	97.5
## 728	36	99.0	127.0	108.0
## 729	12	100.0	90.0	81.5
## 732	30	97.0	131.0	99.0
## 733	50	96.0	124.5	92.0
## 734	32	98.5	122.5	98.0
## 735	22	100.0	135.0	111.0
## 736	36	99.5	107.5	89.5
## 737	48	100.0	124.5	107.0
## 741	72	93.0	120.0	106.0
## 742	38	93.0	116.0	85.5
## 743	38	97.5	77.5	60.5
## 744	44	99.5	132.5	104.5
## 745	43	99.0	133.0	108.0
## 746	28	98.5	138.0	105.5
## 747	32	100.0	117.0	95.0
## 748	22	96.0	171.5	134.0
## 749	28	95.0	104.0	90.5
## 750	40	95.5	110.0	89.5
## 751	39	97.5	104.0	84.5
## 752	38	99.0	108.0	80.5
## 753	25	97.0	173.0	137.5
## 755	41	96.0	118.5	94.0
## 757	49	96.5	123.5	99.0
## 759	46	97.0	133.5	116.5
## 760	46	99.5	106.0	88.0
## 761	32	93.5	110.5	96.0
## 762	48	100.0	150.0	114.0
## 763	31	100.0	140.0	96.0
## 764	25	98.0	98.5	79.5
## 765	36	95.0	123.0	96.0
## 766	45	96.0	98.0	79.5
## 768	44	85.0	86.0	71.0
## 769	49	90.5	127.0	89.0
## 770	43	100.0	98.5	71.5
## 774	26	100.0	103.0	72.5
## 775	47	96.0	158.0	128.0
## 776	40	92.0	114.5	94.0
## 777	34	98.0	138.5	107.0
## 778	36	97.0	120.0	90.0
## 779	34	90.5	102.5	87.0
## 780	42	100.0	138.5	100.0
## 782	44	99.5	134.5	91.0
## 783	30	99.5	124.0	101.0
## 784	34	97.5	92.0	74.0
## 785	74	97.5	114.0	93.5
## 786	26	100.0	112.0	84.5
## 788	38	93.0	142.0	108.0
## 789	36	97.5	115.5	85.0
## 790	25	100.0	113.5	82.0
## 791	58	96.0	113.0	95.0
## 792	33	99.0	124.5	106.0

## 793	40	99.0	85.0	64.0
## 794	30	97.0	191.0	150.5
## 795	37	97.5	123.0	96.0
## 796	29	94.5	137.5	106.0
## 797	67	97.0	154.0	123.5
## 799	37	97.5	123.0	96.0
## 801	59	92.5	105.5	91.5
## 803	61	96.5	92.5	74.5
## 804	36	100.0	119.5	95.5
## 805	36	100.0	114.5	92.5
## 806	37	97.5	123.0	96.0
## 807	52	97.0	123.0	92.0
## 808	34	93.0	166.5	117.0
## 809	30	95.0	119.5	99.0
## 810	20	100.0	104.0	81.5
## 811	48	97.0	104.0	82.5
## 812	40	94.0	139.0	109.0
## 814	40	100.0	132.0	97.5
## 815	70	91.5	146.5	110.0
## 816	48	100.0	157.0	120.0
## 817	19	95.5	170.5	125.5
## 819	32	96.5	151.0	121.5
## 820	47	97.0	129.5	101.0
## 821	36	93.5	171.5	127.0
## 822	29	100.0	128.0	102.5
## 823	36	92.5	149.0	123.0
## 824	48	100.0	155.5	134.0
## 825	48	93.5	111.0	91.0
## 826	30	99.5	115.5	95.0
## 827	44	100.0	113.0	96.5
## 828	52	97.0	123.0	96.0
## 829	35	96.5	104.5	81.5
## 830	27	100.0	120.0	97.5
## 831	31	100.0	130.5	96.0
## 835	24	97.5	109.0	96.0
## 836	96	94.0	111.0	85.5
## 837	37	100.0	111.0	89.5
## 838	31	95.5	118.0	97.5
## 839	32	100.0	160.0	121.5
## 840	28	99.5	165.5	128.5
## 841	37	100.0	141.0	96.0
## 842	38	99.5	131.0	112.5
## 843	33	97.0	111.0	92.5
## 844	35	97.0	154.5	122.5
## 845	30	95.0	208.5	165.5
## 847	30	99.0	125.0	96.0
## 849	33	99.5	134.5	104.0
## 850	41	100.0	116.5	91.0
## 851	37	98.0	155.5	114.0
## 854	30	89.5	156.5	125.5
## 855	38	95.5	103.5	78.0
## 856	30	95.5	122.0	101.5
## 857	45	95.0	115.0	92.0
## 858	24	99.5	89.0	73.5

## 859	33	99.0	126.5	97.5
## 861	34	94.5	130.5	103.5
## 862	46	96.5	166.5	124.0
## 863	37	98.0	123.0	100.5
## 864	34	95.0	126.0	102.0
## 865	44	100.0	121.0	106.0
## 867	31	97.0	207.0	151.0
## 869	55	96.0	196.5	155.5
## 870	30	100.0	141.0	96.0
## 874	39	96.0	101.0	86.5
## 875	41	98.0	68.0	54.5
## 876	40	96.0	104.0	96.0
## 877	27	99.5	150.0	90.5
## 878	44	100.0	145.0	123.0
## 879	41	99.0	75.5	67.5
## 880	46	100.0	163.0	113.5
## 881	31	99.5	110.0	83.0
## 882	38	97.0	140.0	118.5
## 883	27	100.0	117.5	96.0
## 884	24	100.0	122.0	99.5
## 885	41	99.5	89.0	71.5
## 887	37	99.0	135.0	97.5
## 888	34	96.0	110.5	81.5
## 889	34	99.5	98.0	85.0
## 890	28	98.5	107.5	93.5
## 892	33	95.5	163.5	121.5
## 893	33	100.0	95.0	96.0
## 894	36	97.5	163.0	123.0
## 895	28	100.0	120.5	94.5
## 896	28	99.5	173.5	128.0
## 897	26	100.0	152.0	116.0
## 898	46	98.0	170.5	125.5
## 901	33	91.0	96.5	69.0
## 902	56	97.5	119.0	89.0
## 904	39	98.0	118.0	94.0
## 906	32	97.5	102.5	79.0
## 907	30	98.5	136.5	113.5
## 908	48	98.0	152.0	121.5
## 909	36	95.0	160.0	117.0
## 910	50	95.0	125.5	90.5
## 911	29	94.0	124.5	93.0
## 912	35	94.5	102.0	84.5
## 913	36	95.5	96.0	86.0
## 914	32	98.0	100.5	82.0
## 915	44	94.0	111.0	82.0
## 916	43	97.5	103.5	96.0
## 917	36	99.0	123.0	92.5
## 920	33	99.5	144.5	108.5
## 921	40	97.0	176.0	138.5
## 922	34	97.0	118.0	100.5
## 923	28	97.5	126.0	102.0
## 924	34	91.5	113.0	93.5
## 925	34	100.0	120.5	96.0
## 926	46	99.0	106.5	84.5



## 927	42	97.0	138.0	113.5
## 928	63	92.5	193.0	167.0
## 929	46	92.0	98.5	81.0
## 930	75	97.0	120.5	104.5
## 931	36	92.5	145.0	106.0
## 933	48	97.5	142.0	110.0
## 934	55	100.0	137.0	111.0
## 935	45	97.0	96.0	77.0
## 936	43	99.5	111.0	85.0
## 937	39	97.5	115.0	88.5
## 938	29	100.0	105.0	85.5
## 939	33	93.5	131.0	94.0
## 940	24	99.0	121.5	91.5
## 942	32	97.0	129.0	96.0
## 944	39	98.5	142.0	114.5
## 945	39	90.0	72.5	58.5
## 946	24	99.0	134.0	104.0
## 947	24	97.5	115.0	96.0
## 948	34	94.5	127.5	111.5
## 949	41	97.5	127.5	113.5
## 950	40	99.0	153.0	121.0
## 951	24	100.0	150.0	111.0
## 953	28	94.0	124.5	105.5
## 956	42	97.5	123.0	96.0
## 958	37	96.0	149.0	114.5
## 959	55	98.5	136.0	101.0
## 960	28	100.0	162.0	118.0
## 961	37	97.5	123.0	96.0
## 962	49	96.5	85.0	70.0
## 964	56	92.5	109.5	92.0
## 965	44	97.0	109.0	82.0
## 966	42	97.0	150.0	110.5
## 967	22	100.0	167.5	126.5
## 968	29	95.0	94.5	78.0
## 969	32	99.0	103.5	67.0
## 970	32	98.0	80.0	65.0
## 972	44	100.0	98.0	70.5
## 973	52	94.0	160.0	124.5
## 974	71	94.5	114.0	98.0
## 975	32	95.0	116.5	92.5
## 976	38	92.5	129.5	91.0
## 977	28	99.0	160.0	96.0
## 978	58	99.0	99.0	70.0
## 980	24	99.0	127.0	99.0
## 981	49	97.0	102.0	76.0
## 983	72	92.0	120.5	101.0
## 984	57	97.5	123.0	93.5
## 986	51	97.0	130.0	101.5
## 987	37	97.5	192.0	140.5
## 989	34	98.0	117.0	96.5
## 990	29	99.5	145.0	104.0
## 991	32	97.0	116.0	92.5
## 992	26	100.0	79.0	64.0
## 994	30	99.0	107.0	90.0

## 995	41	94.5	156.5	128.0
## 996	37	97.5	119.0	101.5
## 997	47	100.0	124.5	93.0
## 998	40	89.5	109.5	83.0
## 1000	28	98.5	135.5	99.0
## 1002	44	98.0	135.5	100.5
## 1003	42	97.0	125.0	97.5
## 1004	51	97.0	82.5	63.5
## 1005	43	92.5	109.0	93.0
## 1006	48	98.0	153.0	113.0
## 1007	51	97.5	126.0	99.0
## 1008	26	98.5	72.0	55.0
## 1011	30	92.0	159.5	134.5
## 1013	49	92.5	91.5	73.0
## 1014	45	100.0	109.5	81.0
## 1015	22	100.0	110.0	95.0
## 1016	40	99.0	134.0	106.5
## 1017	28	100.0	95.0	83.0
## 1018	34	99.5	135.5	116.5
## 1019	32	99.5	151.0	109.5
## 1021	34	100.0	109.0	86.0
## 1022	32	98.0	98.5	68.5
## 1023	36	100.0	140.5	114.0
## 1025	56	98.5	111.0	82.0
## 1026	30	97.5	108.5	85.0
## 1028	28	96.0	131.0	107.5
## 1029	54	100.0	123.0	106.5
## 1030	38	98.5	111.5	79.0
## 1031	46	99.0	132.0	108.5
## 1032	22	98.5	130.0	104.5
## 1033	23	95.0	118.0	95.5
## 1035	36	97.0	143.0	109.0
## 1036	32	100.0	106.5	94.0
## 1037	44	97.5	116.5	92.5
## 1038	41	90.5	125.0	93.5
## 1040	40	99.0	123.0	103.5
## 1042	24	97.5	158.0	121.0
## 1043	33	96.0	155.0	129.0
## 1044	24	100.0	131.0	105.5
## 1046	34	99.0	145.0	113.5
## 1047	60	97.0	136.0	109.0
## 1048	27	100.0	132.0	95.5
## 1049	44	98.5	142.0	120.5
## 1050	23	99.0	132.5	109.5
## 1051	39	94.5	129.0	94.0
## 1053	30	90.5	132.0	104.5
## 1054	44	97.0	116.0	92.0
## 1055	38	97.5	105.5	84.5
## 1056	37	96.5	114.5	88.5
## 1057	31	97.0	152.5	116.5
## 1059	47	96.5	94.5	73.0
## 1060	37	95.5	128.0	82.5
## 1061	42	93.0	118.0	89.0
## 1062	48	97.0	114.0	86.5

## 1063	37	95.5	123.0	95.0
## 1064	41	99.0	120.0	99.0
## 1065	35	97.0	106.5	96.0
## 1068	42	94.5	155.0	116.0
## 1069	47	97.0	127.0	96.0
## 1070	44	96.0	182.0	150.5
## 1071	41	90.0	129.0	105.5
## 1072	57	98.5	109.5	91.0
## 1073	41	97.5	119.5	100.0
## 1074	34	94.5	136.0	110.5
## 1075	36	95.0	133.0	106.5
## 1076	25	98.5	126.5	103.0
## 1077	71	97.0	150.5	96.0
## 1078	47	97.5	102.5	83.0
## 1079	40	95.5	110.0	89.5
## 1080	52	95.0	162.0	129.5
## 1081	43	100.0	151.0	133.0
## 1084	54	99.5	141.5	112.0
## 1085	25	99.5	136.5	96.0
## 1086	37	82.0	114.0	83.0
## 1087	40	97.0	165.0	121.0
## 1088	37	93.5	125.5	100.0
## 1089	38	87.0	98.0	69.5
## 1090	42	99.0	107.5	83.5
## 1091	32	97.5	123.0	96.0
## 1092	37	97.5	119.5	96.0
## 1093	32	100.0	157.0	121.5
## 1094	40	98.0	120.0	86.0
## 1095	27	99.5	126.5	102.5
## 1096	34	95.5	141.0	116.5
## 1097	35	97.0	132.0	113.5
## 1099	40	98.5	136.5	104.5
## 1100	48	99.0	156.0	121.5
## 1101	33	100.0	129.0	109.5
## 1102	36	96.0	140.0	93.0
## 1103	52	89.0	153.5	120.0
## 1104	27	98.5	131.0	115.0
## 1105	34	99.0	123.5	96.0
## 1106	34	99.5	138.5	104.5
## 1107	47	95.0	135.0	108.0
## 1108	41	99.5	106.5	83.5
## 1109	42	96.0	89.0	77.0
## 1110	47	96.0	128.0	105.0
## 1111	46	99.0	110.0	83.0
## 1112	51	100.0	138.0	110.0
## 1113	35	98.0	97.5	81.0
## 1115	42	93.5	100.5	89.0
## 1118	30	96.0	105.5	75.5
## 1119	30	99.5	199.5	149.0
## 1120	35	98.5	162.0	137.5
## 1121	28	93.0	102.0	78.5
## 1122	29	98.5	145.5	130.0
## 1123	45	93.0	112.5	96.5
## 1125	34	97.0	129.0	99.5

## 1126	12	94.0	109.0	85.5
## 1127	34	97.5	98.0	84.0
## 1128	28	96.0	106.5	92.5
## 1129	32	95.0	127.5	103.5
## 1130	32	96.0	95.0	81.0
## 1132	54	93.5	112.5	92.5
## 1133	34	95.0	138.0	102.5
## 1134	37	94.0	119.0	92.0
## 1135	25	99.0	141.0	124.0
## 1136	46	98.5	138.5	113.5
## 1138	48	94.0	130.5	96.0
## 1139	25	99.5	134.0	108.0
## 1141	36	62.5	103.5	89.0
## 1142	30	95.0	120.5	81.5
## 1143	40	95.0	114.0	92.5
## 1145	46	96.0	124.0	91.0
## 1146	44	100.0	111.5	85.5
## 1147	39	96.5	120.0	101.0
## 1148	30	98.5	97.0	75.5
## 1149	28	100.0	123.0	93.5
## 1150	22	93.0	104.0	78.5
## 1151	28	97.5	102.0	78.5
## 1152	40	99.0	112.0	96.0
## 1153	43	95.0	100.0	71.5
## 1154	33	97.0	134.0	100.0
## 1155	49	100.0	139.0	111.5
## 1156	38	96.5	127.0	88.5
## 1157	29	97.0	145.0	96.0
## 1158	37	97.5	123.0	96.0
## 1159	31	94.5	154.0	108.0
## 1160	40	99.5	133.0	116.5
## 1161	37	97.5	123.0	96.0
## 1163	58	92.5	120.5	90.5
## 1164	42	97.0	102.0	70.0
## 1165	38	96.0	101.5	88.5
## 1167	37	98.5	130.0	107.0
## 1168	39	95.0	171.5	138.5
## 1169	37	94.0	162.5	119.5
## 1170	28	100.0	118.0	100.0
## 1171	60	99.5	113.5	96.0
## 1172	51	93.5	105.0	80.5
## 1173	37	97.5	123.0	96.0
## 1174	36	100.0	135.0	108.0
## 1177	58	95.0	133.5	100.5
## 1178	44	96.5	143.5	100.5
## 1179	37	100.0	122.0	97.0
## 1180	44	100.0	87.5	66.5
## 1181	28	100.0	146.5	114.0
## 1182	37	93.5	177.0	126.0
## 1183	32	98.0	141.0	108.0
## 1185	30	100.0	128.0	96.0
## 1186	37	95.5	104.0	77.0
## 1188	52	96.0	107.0	84.5
## 1189	46	100.0	121.5	107.0

## 1190	24	94.0	121.0	98.0
## 1191	32	98.0	94.0	83.0
## 1192	45	96.0	116.5	103.5
## 1193	40	98.0	130.0	96.0
## 1194	25	100.0	101.0	77.0
## 1195	45	99.0	123.0	96.0
## 1196	52	98.5	98.0	77.5
## 1197	32	96.5	125.0	107.5
## 1198	37	97.5	103.5	83.0
## 1199	40	98.0	127.5	103.5
## 1200	50	99.5	145.0	108.0
## 1201	56	95.0	80.0	65.0
## 1202	36	97.0	140.0	96.0
## 1203	28	99.0	95.0	72.0
## 1204	29	99.5	104.5	87.5
## 1205	33	97.0	100.0	78.0
## 1207	42	98.0	128.0	94.0
## 1209	54	98.0	208.0	159.5
## 1210	46	96.0	135.0	102.0
## 1211	35	97.0	90.0	70.0
## 1212	34	100.0	168.5	128.0
## 1214	37	97.5	123.0	96.0
## 1217	47	91.5	91.0	80.0
## 1218	31	98.0	166.0	138.5
## 1220	30	97.5	118.0	85.5
## 1221	44	99.5	126.5	97.5
## 1223	33	96.0	111.0	85.0
## 1224	40	98.0	180.0	141.0
## 1225	42	97.5	116.0	100.0
## 1226	36	98.0	125.0	111.5
## 1227	36	98.5	182.5	142.5
## 1228	35	100.0	148.0	121.0
## 1229	53	94.5	134.0	97.5
## 1231	42	96.5	155.5	105.5
## 1232	28	100.0	111.0	96.0
## 1235	37	96.0	83.0	71.0
## 1237	42	96.0	147.0	112.0
## 1238	37	97.5	123.0	96.0
## 1239	40	99.0	160.5	126.0
## 1240	31	100.0	141.5	117.0
## 1242	25	99.5	96.5	79.0
## 1243	37	93.5	137.5	100.0
## 1244	39	98.0	92.5	74.0
## 1245	36	97.5	96.5	72.5
## 1246	34	95.5	129.0	106.0
## 1247	55	98.0	125.5	97.0
## 1248	59	85.0	108.0	90.5
## 1249	35	99.0	120.5	99.0
## 1250	40	97.0	81.0	62.5
## 1252	28	97.5	130.0	102.0
## 1253	38	99.0	129.0	105.0
## 1255	37	98.5	132.0	103.0
## 1256	38	100.0	128.0	101.5
## 1258	37	97.5	123.0	96.0

## 1259	32	97.5	112.5	83.0
## 1262	42	98.0	120.5	108.0
## 1265	28	98.0	117.0	92.5
## 1266	32	97.5	130.5	107.5
## 1267	30	93.5	140.0	103.0
## 1268	40	100.0	110.0	95.0
## 1269	34	98.0	182.5	129.0
## 1270	40	93.5	139.5	119.0
## 1271	40	95.5	94.0	73.0
## 1272	44	100.0	94.5	72.5
## 1273	32	92.0	127.0	96.0
## 1274	25	97.0	138.0	110.5
## 1275	40	97.5	155.0	126.5
## 1276	37	100.0	117.0	102.0
## 1277	39	98.5	107.5	81.0
## 1278	34	97.0	103.0	84.5
## 1281	36	99.0	114.5	96.0
## 1282	34	99.0	143.0	119.0
## 1283	51	98.5	101.0	82.5
## 1284	38	90.0	170.0	139.0
## 1285	62	95.0	113.0	86.0
## 1286	27	100.0	140.0	107.5
## 1287	36	96.5	133.5	102.5
## 1288	37	91.0	122.5	100.5
## 1289	23	97.5	164.0	124.0
## 1290	32	98.0	130.0	95.0
## 1291	70	93.5	141.0	104.5
## 1292	30	95.0	120.0	99.0
## 1293	26	97.0	125.0	100.0
## 1295	37	98.0	115.0	88.0
## 1297	56	93.5	109.5	82.0
## 1298	48	100.0	142.5	110.0
## 1299	76	95.5	103.0	90.0
## 1300	47	98.0	153.5	120.0
## 1301	26	100.0	115.5	93.5
## 1303	51	97.5	119.5	104.5
## 1304	42	97.0	119.0	91.5
## 1305	56	97.5	104.0	89.0
## 1307	58	99.0	151.0	112.5
## 1308	42	98.0	171.0	124.5
## 1309	36	97.0	129.0	107.0
## 1310	60	98.0	161.0	130.5
## 1311	44	100.0	113.0	95.0
## 1312	26	100.0	106.0	96.0
## 1314	25	98.0	141.5	113.5
## 1315	42	97.0	109.0	89.0
## 1316	37	98.0	165.0	129.5
## 1317	37	97.5	123.0	96.0
## 1319	36	95.0	172.0	132.5
## 1320	32	98.5	127.0	105.0
## 1321	35	100.0	149.5	128.0
## 1322	49	95.5	125.5	98.5
## 1323	32	95.5	119.0	90.5
## 1324	33	96.0	144.5	107.5

## 1325	38	98.0	117.5	91.5
## 1326	17	96.0	104.0	86.5
## 1327	38	100.0	91.0	62.5
## 1328	40	99.0	128.0	101.5
## 1329	37	97.5	123.0	96.0
## 1330	42	95.0	143.0	120.0
## 1331	37	97.0	143.0	104.5
## 1332	53	94.0	156.5	129.0
## 1333	56	94.0	134.5	104.5
## 1334	40	95.0	102.0	96.0
## 1335	48	94.5	123.5	108.5
## 1336	28	100.0	117.0	92.5
## 1338	32	100.0	134.0	109.5
## 1339	33	98.0	147.0	109.0
## 1340	28	99.0	101.0	77.5
## 1342	22	100.0	112.0	85.5
## 1343	32	100.0	127.0	93.5
## 1344	78	99.5	137.5	111.0
## 1345	34	94.0	129.0	107.5
## 1347	68	97.0	181.0	143.0
## 1348	44	98.0	153.0	111.5
## 1349	32	98.0	140.0	107.0
## 1350	159	100.0	150.5	119.0
## 1351	50	99.0	125.0	86.0
## 1353	45	92.5	123.5	105.0
## 1354	27	100.0	125.5	113.0
## 1355	42	97.0	147.5	116.0
## 1356	44	95.5	113.0	85.5
## 1357	40	97.0	91.0	78.0
## 1358	37	96.0	131.0	111.0
## 1359	51	94.5	96.5	86.0
## 1360	52	96.5	172.0	128.5
## 1361	48	98.0	208.5	150.5
## 1362	53	94.5	121.5	94.0
## 1363	34	99.0	92.5	69.0
## 1364	34	97.0	157.0	117.0
## 1366	36	100.0	140.5	114.0
## 1367	40	94.0	138.5	103.5
## 1368	32	100.0	134.5	96.0
## 1369	41	97.5	140.5	109.0
## 1370	36	99.5	187.5	142.5
## 1371	37	98.5	139.0	96.0
## 1373	50	93.5	125.0	96.0
## 1375	37	92.0	140.0	108.0
## 1377	30	96.5	121.0	93.5
## 1378	32	100.0	164.0	113.5
## 1379	32	92.5	87.0	74.5
## 1380	72	99.0	123.0	109.5
## 1381	29	96.5	113.5	88.5
## 1383	36	97.5	121.0	87.0
## 1385	27	100.0	87.0	73.5
## 1386	35	98.5	158.5	107.0
## 1388	37	97.5	123.0	96.0
## 1389	32	99.0	134.0	110.5

## 1390	24	96.0	138.0	113.5
## 1391	51	98.5	146.5	99.0
## 1392	30	100.0	101.5	83.5
## 1394	42	92.5	127.0	99.5
## 1395	51	94.5	122.0	81.5
## 1396	34	93.5	111.5	97.5
## 1397	36	97.0	125.0	94.5
## 1398	41	93.5	146.5	100.5
## 1400	38	97.0	161.0	115.0
## 1401	44	97.0	85.0	63.0
## 1402	40	99.0	101.5	81.5
## 1405	40	97.0	110.5	89.5
## 1407	40	98.0	136.0	110.5
## 1408	34	99.5	150.5	96.0
## 1409	46	94.0	137.5	113.0
## 1410	40	97.5	141.5	108.5
## 1411	32	95.0	180.0	139.0
## 1412	32	98.0	121.0	89.5
## 1413	32	97.0	93.0	72.0
## 1414	32	97.0	118.5	92.0
## 1415	36	98.0	118.0	92.0
## 1417	27	100.0	95.0	76.0
## 1418	38	100.0	132.5	99.5
## 1419	40	94.0	135.0	110.0
## 1420	37	100.0	103.0	87.5
## 1422	38	95.0	64.0	52.5
## 1424	47	89.0	103.5	85.5
## 1425	38	99.0	111.0	91.0
## 1426	28	97.0	145.0	101.5
## 1427	42	95.0	185.0	132.5
## 1428	37	98.5	113.0	90.5
## 1429	43	95.5	127.0	104.5
## 1430	41	100.0	115.0	86.5
## 1431	43	97.5	141.5	110.0
## 1433	37	97.5	123.0	96.0
## 1434	58	93.5	79.5	61.0
## 1435	46	100.0	97.0	78.0
## 1436	36	99.0	122.0	106.0
## 1437	41	94.5	122.0	96.0
## 1440	40	95.0	136.0	115.5
## 1441	41	94.5	111.5	88.5
## 1442	28	100.0	107.0	94.0
## 1443	52	70.0	119.0	92.5
## 1446	50	98.0	137.0	104.0
## 1447	38	96.5	123.0	96.0
## 1448	48	96.0	88.0	69.0
## 1449	39	99.0	95.5	73.5
## 1450	44	96.0	130.5	95.0
## 1451	31	97.0	89.5	75.0
## 1452	39	93.0	115.0	92.5
## 1453	30	100.0	129.5	93.5
## 1454	32	97.0	108.0	82.5
## 1455	30	99.0	107.0	90.0
## 1456	58	100.0	125.5	113.5



## 1457	41	96.0	93.5	65.5
## 1458	43	100.0	126.5	93.5
## 1459	49	94.5	151.0	112.5
## 1460	37	99.0	127.0	95.0
## 1466	32	99.0	100.0	72.0
## 1467	36	96.0	140.0	112.5
## 1468	38	96.5	152.5	120.0
## 1469	37	97.5	123.0	96.0
## 1470	42	98.0	95.5	77.5
## 1471	33	99.0	112.5	86.5
## 1472	50	97.5	156.0	96.0
## 1475	40	99.0	137.5	118.0
## 1476	38	95.5	140.5	125.5
## 1477	44	100.0	106.5	88.0
## 1478	44	97.5	163.5	108.5
## 1479	42	97.5	142.5	117.0
## 1480	35	99.5	108.5	85.0
## 1481	55	97.0	155.5	125.0
## 1483	34	94.5	140.0	110.5
## 1484	68	96.5	117.0	96.5
## 1486	36	99.0	140.0	110.0
## 1487	33	95.5	111.5	90.5
## 1488	45	97.5	162.5	118.0
## 1489	37	99.0	123.5	98.0
## 1491	36	94.0	199.5	145.0
## 1492	40	96.0	133.0	110.0
## 1494	38	99.0	123.0	95.5
## 1495	32	97.0	68.5	60.5
## 1496	41	96.5	119.5	88.5
## 1497	47	96.0	103.0	83.0
## 1498	17	98.5	124.5	97.0
## 1501	32	97.0	113.0	93.5
## 1502	47	95.5	158.5	117.5
## 1503	38	100.0	96.5	78.5
## 1506	36	98.5	113.5	97.5
## 1507	24	100.0	121.5	93.0
## 1509	31	97.0	88.0	75.0
## 1510	50	92.0	139.0	107.0
## 1511	37	88.0	163.5	130.5
## 1512	24	100.0	124.0	102.0
## 1513	42	89.5	130.0	100.5
## 1514	36	100.0	129.0	94.5
## 1515	32	97.0	106.0	81.5
## 1516	30	99.0	123.0	82.5
## 1517	36	98.5	144.0	112.0
## 1518	30	100.0	123.0	102.0
## 1519	44	93.0	120.0	104.0
## 1520	42	99.0	134.5	109.0
## 1521	46	97.0	126.0	115.0
## 1522	32	98.0	106.0	79.0
## 1523	28	97.0	105.5	88.0
## 1524	42	97.5	99.0	80.5
## 1525	36	98.5	99.0	79.0
## 1528	30	99.5	119.0	100.5

## 1529	33	95.0	110.5	89.0
## 1530	32	98.0	74.0	58.0
## 1532	34	98.0	158.0	134.0
## 1533	59	95.0	110.5	84.0
## 1534	36	97.5	160.0	121.0
## 1535	38	93.0	115.5	89.0
## 1536	35	98.0	112.0	95.5
## 1537	46	97.0	124.0	96.0
## 1538	37	97.0	117.0	91.5
## 1540	26	95.0	121.0	92.0
## 1542	40	100.0	121.5	106.0
## 1543	46	97.0	132.0	97.0
## 1544	32	94.5	105.5	81.5
## 1545	46	95.5	140.0	116.5
## 1546	42	95.5	123.0	96.0
## 1548	35	96.5	124.5	100.0
## 1549	69	97.5	137.5	109.0
## 1550	50	97.0	152.0	110.5
## 1551	33	94.5	150.0	112.0
## 1552	25	99.5	137.0	109.5
## 1553	28	100.0	72.0	60.0
## 1554	30	100.0	160.0	124.5
## 1555	46	94.5	107.5	83.5
## 1556	44	92.5	112.0	91.5
## 1557	37	98.5	100.0	77.5
## 1558	66	98.0	133.0	100.0
## 1559	24	97.5	178.5	125.5
## 1560	42	99.5	101.0	75.5
## 1562	48	100.0	160.5	128.0
## 1563	28	96.0	126.0	102.5
## 1564	37	97.5	123.0	96.0
## 1565	30	100.0	138.5	117.0
## 1566	51	93.0	93.5	80.0
## 1567	32	95.5	100.5	85.0
## 1568	42	97.0	145.0	122.0
## 1569	66	97.0	108.0	81.0
## 1570	43	100.0	95.0	83.0
## 1571	32	100.0	104.0	89.5
## 1572	28	96.5	126.0	94.5
## 1573	38	94.0	99.0	84.0
## 1574	34	99.0	110.5	96.0
## 1575	32	99.0	123.0	98.0
## 1576	29	96.5	133.5	96.0
## 1577	40	98.0	136.0	106.5
## 1578	84	98.0	167.0	125.5
## 1579	36	99.5	114.5	96.5
## 1580	30	97.5	120.5	98.0
## 1581	30	94.0	70.0	55.5
## 1583	36	100.0	107.0	89.5
## 1584	36	99.5	105.5	84.0
## 1585	50	100.0	115.0	99.5
## 1587	32	98.0	115.0	98.0
## 1588	31	97.5	155.5	110.0
## 1589	56	97.0	130.5	105.5

## 1590	48	97.0	159.5	117.5
## 1591	69	96.0	132.0	106.0
## 1592	28	99.5	146.0	116.5
## 1594	58	98.0	106.0	87.0
## 1595	46	97.0	150.0	116.5
## 1596	33	94.5	151.0	115.5
## 1597	63	98.0	149.0	119.5
## 1598	36	97.5	120.0	93.0
## 1599	41	95.0	146.0	123.0
## 1601	42	97.5	128.0	88.5
## 1602	28	100.0	147.0	123.5
## 1603	31	100.0	160.5	104.0
## 1604	36	95.5	89.0	75.5
## 1605	31	97.0	159.0	119.5
## 1606	41	97.0	119.5	87.0
## 1608	30	100.0	122.5	98.0
## 1609	40	99.0	147.5	103.5
## 1610	48	97.5	134.0	110.0
## 1611	31	99.0	94.5	74.5
## 1612	59	97.5	131.0	104.0
## 1613	24	100.0	142.5	115.0
## 1614	37	100.0	111.0	89.0
## 1615	31	96.5	115.5	96.0
## 1616	34	97.5	118.0	93.5
## 1617	32	98.0	111.0	96.5
## 1618	34	100.0	197.5	147.5
## 1619	36	100.0	122.0	96.0
## 1620	37	94.0	116.0	91.0
## 1621	53	95.0	99.0	82.5
## 1622	33	100.0	99.5	86.5
## 1623	36	100.0	120.5	92.0
## 1625	54	99.0	74.0	56.0
## 1626	37	99.5	160.0	128.0
## 1627	43	99.0	92.0	75.5
## 1628	42	98.0	115.5	75.5
## 1630	25	95.0	116.0	94.5
## 1631	40	95.0	115.5	95.5
## 1633	42	100.0	107.0	81.0
## 1634	29	94.0	132.5	119.0
## 1635	37	98.0	120.5	110.0
## 1637	42	100.0	117.0	89.5
## 1638	38	97.0	149.0	119.0
## 1639	28	97.5	136.5	109.0
## 1641	40	95.0	110.0	86.0
## 1642	22	96.0	136.0	96.0
## 1644	24	100.0	114.0	85.0
## 1645	32	98.0	114.0	93.5
## 1647	36	100.0	129.0	101.0
## 1650	44	98.0	115.0	87.5
## 1652	37	97.5	123.0	96.0
## 1653	39	100.0	103.0	96.0
## 1654	36	95.5	120.0	100.5
## 1655	36	95.5	98.5	83.0
## 1656	58	97.0	158.0	110.0

## 1657	42	98.0	142.0	110.0
## 1659	28	99.0	131.5	96.0
## 1661	37	100.0	113.0	100.5
## 1662	25	100.0	84.5	71.5
## 1663	38	100.0	124.0	109.5
## 1664	50	100.0	115.0	86.0
## 1665	51	89.5	76.5	67.0
## 1666	37	97.5	123.0	96.0
## 1667	16	93.0	119.0	99.5
## 1668	45	99.0	156.5	122.0
## 1669	41	99.0	104.0	78.5
## 1670	44	98.0	123.0	103.0
## 1672	66	98.0	158.0	124.5
## 1674	39	99.5	108.0	87.5
## 1675	37	99.0	126.0	108.5
## 1676	39	97.0	123.0	100.5
## 1677	37	97.5	123.0	96.0
## 1678	36	96.0	83.0	66.0
## 1679	33	100.0	130.5	99.0
## 1680	53	99.0	157.5	112.5
## 1681	36	97.5	111.0	89.0
## 1682	44	96.5	112.5	89.5
## 1683	26	95.0	174.0	135.0
## 1684	37	95.0	128.0	87.5
## 1685	41	95.5	123.0	96.0
## 1686	34	95.5	178.5	133.0
## 1687	35	100.0	126.5	93.0
## 1688	30	100.0	143.5	117.5
## 1689	27	99.0	123.0	96.0
## 1690	25	100.0	115.5	96.0
## 1691	50	97.0	145.0	102.5
## 1692	19	97.5	158.0	115.0
## 1693	26	97.5	132.0	95.5
## 1694	27	98.0	107.5	75.0
## 1695	43	100.0	106.0	84.5
## 1696	23	92.0	138.0	121.5
## 1698	39	100.0	140.5	117.5
## 1699	49	94.5	112.0	87.0
## 1700	41	97.5	113.5	94.5
## 1701	47	97.0	127.5	106.5
## 1702	24	100.0	116.0	74.0
## 1703	30	99.5	145.5	116.0
## 1704	37	99.0	153.0	98.5
## 1705	32	96.0	137.0	114.0
## 1706	27	100.0	97.0	80.5
## 1708	40	99.0	89.0	71.5
## 1709	67	97.5	83.0	64.5
## 1710	37	97.5	123.0	96.0
## 1711	36	97.0	154.0	122.0
## 1712	48	97.0	113.5	85.5
## 1713	38	94.0	157.0	125.0
## 1714	32	95.0	99.0	79.5
## 1715	39	58.0	89.0	72.5
## 1716	37	95.5	159.0	125.0

## 1717	30	92.0	114.0	96.0
## 1718	38	98.0	118.5	90.0
## 1719	32	94.5	125.5	103.0
## 1720	30	99.0	136.0	113.5
## 1721	35	95.0	138.0	129.5
## 1722	31	99.0	150.5	96.0
## 1723	38	94.0	127.0	101.0
## 1724	25	95.5	97.0	80.0
## 1725	63	99.0	118.0	87.5
## 1726	69	98.5	177.0	131.5
## 1727	31	92.0	102.0	82.5
## 1728	26	97.5	87.0	96.0
## 1729	31	100.0	92.5	77.5
## 1730	29	96.5	108.0	76.5
## 1731	32	98.0	143.0	108.5
## 1732	28	100.0	120.5	108.0
## 1733	32	97.5	141.0	96.0
## 1735	68	93.0	112.0	92.5
## 1736	20	96.5	101.0	77.5
## 1737	26	100.0	127.0	90.0
## 1738	26	96.0	119.0	90.0
## 1740	40	99.0	123.0	96.0
## 1741	36	97.0	118.0	86.5
## 1742	41	96.5	87.5	78.0
## 1743	36	94.5	141.0	103.0
## 1744	37	94.0	116.0	91.0
## 1745	25	98.5	99.5	80.0
## 1747	26	85.0	85.0	96.0
## 1748	32	99.5	156.0	115.0
## 1749	43	100.0	113.5	90.5
## 1750	49	97.5	97.5	83.0
## 1751	38	96.0	97.0	75.0
## 1752	50	92.5	85.0	72.5
## 1753	37	99.5	176.0	128.0
## 1754	24	100.0	131.0	99.0
## 1756	53	99.5	128.0	107.5
## 1758	32	100.0	139.0	105.0
## 1759	40	96.0	160.0	114.0
## 1761	30	100.0	118.0	91.5
## 1762	20	95.0	116.0	96.0
## 1763	42	100.0	157.0	120.0
## 1764	36	96.0	133.5	104.5
## 1765	56	96.0	114.0	95.0
## 1766	41	96.5	119.5	96.0
## 1768	36	100.0	143.0	112.5
## 1770	28	97.0	172.5	135.5
## 1772	40	95.0	162.0	122.5
## 1773	40	100.0	120.0	90.5
## 1774	32	97.0	141.0	114.0
## 1775	97	97.5	102.5	86.0
## 1776	31	99.0	161.5	135.5
## 1778	38	98.5	158.5	118.5
## 1779	46	92.0	98.5	81.0
## 1781	34	98.0	85.5	70.0

## 1782	26	100.0	150.5	118.5
## 1784	24	99.5	89.0	73.5
## 1785	39	97.0	84.0	69.5
## 1786	26	96.0	124.0	98.5
## 1787	22	98.0	140.0	114.0
## 1788	40	96.5	129.5	96.5
## 1789	19	100.0	117.0	74.5
## 1790	41	92.0	104.0	79.0
## 1792	30	98.0	121.0	95.0
## 1793	37	97.0	146.0	113.0
## 1794	44	97.0	140.0	110.0
## 1795	24	100.0	121.0	96.0
## 1796	40	98.0	147.0	121.0
## 1798	37	97.5	123.0	96.0
## 1799	34	100.0	148.0	120.0
## 1800	47	97.5	89.0	70.0
## 1801	39	93.5	187.0	128.0
## 1802	37	96.0	139.0	109.0
## 1803	36	97.0	162.5	121.0
## 1804	69	98.0	153.5	118.5
## 1805	37	97.5	123.0	96.0
## 1806	46	98.0	114.0	86.5
## 1807	46	98.0	119.0	100.5
## 1808	30	92.0	114.0	96.0
## 1809	36	99.0	125.0	94.5
## 1812	32	100.0	105.5	84.0
## 1813	50	97.0	130.0	102.5
## 1814	32	99.5	129.5	104.5
## 1815	32	92.0	137.0	101.5
## 1816	32	98.0	174.0	126.5
## 1817	41	97.5	129.0	103.5
## 1819	36	100.0	99.0	88.0
## 1821	48	95.5	108.0	84.5
## 1822	47	96.0	176.0	131.5
## 1823	64	90.0	113.0	89.0
## 1824	58	94.0	72.0	55.0
## 1825	25	97.5	108.0	96.0
## 1827	29	100.0	128.0	112.5
## 1828	26	100.0	127.0	107.0
## 1829	37	100.0	147.0	96.5
## 1830	46	100.0	70.5	55.0
## 1831	30	96.0	137.5	111.5
## 1832	25	100.0	116.5	87.0
## 1835	46	97.5	97.5	84.5
## 1836	41	99.5	126.5	110.5
## 1837	39	95.5	115.5	100.5
## 1838	31	99.5	164.0	127.5
## 1839	37	97.5	123.0	96.0
## 1840	38	100.0	118.5	78.0
## 1841	45	98.0	149.5	114.5
## 1842	40	100.0	137.5	112.5
## 1843	33	98.5	138.5	118.5
## 1844	84	100.0	101.0	81.0
## 1845	32	96.5	124.0	99.0

## 1846	41	94.5	131.5	98.0
## 1847	34	97.0	102.0	77.0
## 1848	36	92.0	169.5	128.0
## 1849	37	98.0	184.0	128.5
## 1850	23	98.0	131.0	96.0
## 1851	40	99.5	121.0	90.0
## 1852	47	62.0	142.0	113.0
## 1853	46	99.5	143.5	112.0
## 1854	34	100.0	115.0	88.0
## 1855	44	95.5	113.0	86.0
## 1856	28	100.0	128.0	102.0
## 1857	28	100.0	86.5	75.0
## 1858	47	95.0	106.0	82.5
## 1859	37	96.5	137.5	112.0
## 1861	48	94.5	107.0	85.0
## 1865	35	96.0	123.5	106.0
## 1866	45	100.0	78.0	96.0
## 1867	44	95.0	124.0	99.0
## 1868	60	98.5	123.0	96.0
## 1869	48	96.5	171.0	96.0
## 1870	36	97.5	131.0	101.5
## 1871	37	97.5	123.0	96.0
## 1872	24	89.0	120.0	89.0
## 1873	37	98.5	125.5	97.0
## 1874	32	98.0	117.5	91.0
## 1876	20	92.0	162.0	113.5
## 1878	70	94.0	194.0	144.0
## 1879	143	92.0	165.0	121.5
## 1880	43	99.0	170.0	134.5
## 1882	55	97.5	121.5	100.5
## 1883	44	99.0	124.0	101.5
## 1884	38	99.0	114.0	96.5
## 1885	65	94.0	152.5	119.5
## 1886	51	93.0	146.0	126.5
## 1887	52	92.0	115.0	102.5
## 1888	44	98.0	97.0	84.5
## 1889	29	99.0	141.0	115.0
## 1890	37	95.5	94.5	81.0
## 1891	30	100.0	100.0	96.0
## 1892	40	92.5	121.0	97.0
## 1893	24	100.0	147.5	113.5
## 1895	54	88.5	107.0	96.0
## 1896	43	93.5	125.5	101.0
## 1897	33	99.0	123.0	96.0
## 1898	30	100.0	144.0	108.5
## 1899	70	96.0	208.5	155.5
## 1901	31	98.0	197.5	138.0
## 1902	30	98.5	73.0	60.5
## 1903	38	95.5	172.0	142.0
## 1904	36	83.5	137.0	101.5
## 1905	37	97.5	123.0	96.0
## 1906	37	97.5	115.5	89.0
## 1907	42	97.0	166.0	96.0
## 1909	43	100.0	115.5	81.5

## 1911	36	100.0	165.5	120.0
## 1912	30	95.5	159.5	119.5
## 1913	36	100.0	98.5	75.0
## 1914	40	100.0	81.0	65.5
## 1915	28	100.0	153.0	120.0
## 1916	50	97.5	123.0	96.0
## 1917	44	100.0	136.0	111.0
## 1918	25	88.0	96.5	76.0
## 1919	50	91.0	111.0	83.0
## 1920	28	97.5	122.0	99.5
## 1923	36	99.0	125.0	88.0
## 1924	32	95.0	110.5	86.0
## 1925	40	99.0	135.0	115.0
## 1926	39	97.0	116.0	100.0
## 1927	41	99.5	124.5	95.0
## 1928	59	98.5	126.0	92.0
## 1931	28	94.5	84.0	96.0
## 1932	40	100.0	113.0	94.0
## 1933	34	99.0	128.0	102.0
## 1934	53	96.0	113.0	92.0
## 1935	32	97.0	176.0	133.5
## 1936	34	99.0	117.0	96.0
## 1937	38	99.5	132.5	104.0
## 1938	35	100.0	88.0	72.5
## 1939	22	100.0	179.5	121.5
## 1940	30	99.0	93.0	81.0
## 1941	40	97.0	145.5	108.5
## 1942	20	100.0	92.5	70.5
## 1943	26	98.0	151.0	116.5
## 1944	30	94.0	155.5	121.5
## 1946	33	97.5	92.5	82.5
## 1947	39	100.0	151.0	124.0
## 1948	27	96.0	145.0	103.0
## 1949	28	95.0	136.0	105.0
## 1950	41	96.0	164.5	133.0
## 1952	37	97.5	123.0	96.0
## 1953	44	99.0	110.0	84.0
## 1955	44	97.5	143.5	114.5
## 1956	34	99.0	96.0	76.0
## 1957	41	95.0	142.0	119.0
## 1958	36	98.5	125.0	95.5
## 1959	37	97.5	123.0	96.0
## 1960	51	97.5	128.5	97.0
## 1962	34	98.5	93.5	78.0
## 1965	40	99.5	147.5	110.5
## 1967	60	98.0	108.0	81.0
## 1968	33	99.5	140.0	112.5
## 1969	34	93.5	153.5	117.0
## 1970	38	100.0	175.0	142.5
## 1971	36	97.5	103.0	96.0
## 1973	37	94.0	111.5	85.5
## 1975	10	95.0	95.0	71.5
## 1978	44	97.0	149.5	119.5
## 1979	48	98.0	96.5	85.5



## 1981	37	97.5	123.0	96.0
## 1982	44	97.5	168.0	144.5
## 1983	34	99.5	108.5	84.0
## 1984	65	99.0	136.0	101.0
## 1986	45	98.5	123.5	99.0
## 1988	38	99.5	103.0	76.0
## 1989	37	99.5	94.5	74.0
## 1990	30	96.5	116.0	86.5
## 1991	35	95.0	148.5	104.0
## 1992	27	99.0	116.0	96.5
## 1993	40	100.0	92.0	77.0
## 1994	47	92.5	92.0	70.0
## 1995	48	95.0	134.0	119.0
## 1996	38	98.0	144.0	115.5
## 1997	62	91.5	112.0	96.0
## 1999	30	97.0	112.5	84.0
## 2000	47	90.0	139.5	110.0
## 2001	57	98.0	125.0	101.5
## 2002	40	95.5	117.5	97.0
## 2003	36	96.0	98.0	79.5
## 2004	49	96.5	117.0	91.0
## 2005	38	98.0	143.0	104.5
## 2006	32	97.0	93.0	72.0
## 2007	28	100.0	133.0	96.0
## 2008	46	95.0	106.0	80.5
## 2009	48	94.0	140.0	109.5
## 2010	49	89.0	120.5	100.0
## 2011	29	96.5	129.5	110.5
## 2014	32	100.0	95.0	76.0
## 2015	37	97.5	123.0	96.0
## 2016	28	92.5	130.0	101.0
## 2017	36	99.0	140.5	121.5
## 2018	66	89.5	118.0	98.0
## 2019	34	93.0	125.5	100.5
## 2020	22	98.0	117.5	98.0
## 2024	42	98.0	104.5	76.5
## 2025	29	97.5	143.5	115.0
## 2027	36	99.0	139.0	114.0
## 2028	51	99.5	111.5	83.5
## 2029	36	94.0	79.0	68.5
## 2030	44	98.0	146.0	109.5
## 2031	42	99.5	122.5	103.0
## 2032	59	88.5	94.0	74.5
## 2033	56	91.5	109.5	87.5
## 2034	44	100.0	101.0	87.0
## 2035	49	96.0	112.0	90.5
## 2036	67	90.0	122.0	96.0
## 2037	36	97.0	140.5	107.5
## 2038	32	98.0	108.0	88.5
## 2039	36	95.5	155.5	121.0
## 2040	42	99.0	121.0	92.0
## 2041	54	97.5	123.0	96.0
## 2042	38	97.5	148.5	118.5
## 2043	38	100.0	106.0	80.5

## 2045	49	98.0	98.5	70.0
## 2047	54	96.5	111.0	90.5
## 2048	82	98.0	116.5	93.5
## 2049	36	100.0	112.0	94.0
## 2050	40	98.0	143.0	118.0
## 2051	30	99.5	166.5	103.5
## 2052	41	100.0	155.0	113.5
## 2054	32	97.0	116.5	96.0
## 2055	45	96.5	142.5	115.0
## 2057	37	99.0	113.0	86.5
## 2058	57	93.5	109.5	85.0
## 2059	41	100.0	111.5	90.5
## 2060	44	94.5	102.0	84.0
## 2062	28	93.0	135.5	97.0
## 2063	37	97.5	123.0	96.0
## 2064	44	100.0	161.0	115.5
## 2065	37	95.0	186.0	149.5
## 2067	35	100.0	90.5	76.0
## 2068	42	96.0	196.0	130.0
## 2069	35	98.0	131.5	106.5
## 2070	50	95.0	125.5	90.5
## 2071	31	96.5	108.0	96.0
## 2072	45	97.5	123.5	99.0
## 2074	44	97.0	115.5	87.5
## 2075	29	95.5	114.0	96.5
## 2077	35	99.5	119.5	95.5
## 2078	25	100.0	156.5	109.5
## 2079	25	99.5	119.0	82.0
## 2080	39	91.0	123.0	96.0
## 2081	44	92.0	188.0	147.0
## 2082	31	95.0	114.5	93.5
## 2083	58	100.0	106.0	82.0
## 2084	26	92.5	98.5	72.0
## 2085	37	98.0	151.0	104.5
## 2086	46	94.0	136.0	110.5
## 2087	44	100.0	139.5	112.0
## 2088	36	97.5	194.0	151.0
## 2090	36	95.5	127.0	96.0
## 2092	51	96.5	111.0	84.0
## 2093	32	98.0	119.0	88.5
## 2094	34	98.0	113.0	95.0
## 2095	34	100.0	118.0	86.0
## 2096	36	97.5	94.0	71.0
## 2097	52	98.0	130.0	102.5
## 2099	37	99.5	177.5	123.0
## 2100	39	96.0	138.0	105.0
## 2101	25	98.0	123.5	91.5
## 2103	30	96.0	152.5	118.5
## 2105	30	100.0	138.0	99.5
## 2106	32	91.5	102.0	80.5
## 2107	32	100.0	138.0	104.5
## 2108	28	98.0	113.0	84.0
## 2110	24	99.0	122.0	92.0
## 2111	39	98.5	160.0	123.5

## 2112	60	100.0	65.5	54.0
## 2113	42	92.0	106.5	94.0
## 2114	67	95.5	147.5	104.0
## 2115	30	96.0	145.0	109.5
## 2117	27	98.0	132.0	100.0
## 2118	37	96.0	134.5	106.5
## 2119	44	95.0	104.0	82.0
## 2120	40	100.0	133.5	119.5
## 2122	41	96.0	161.5	127.5
## 2123	26	100.0	121.0	104.0
## 2124	40	97.0	114.5	101.0
## 2125	32	98.5	139.5	107.5
## 2126	31	94.0	137.0	112.0
## 2127	62	98.0	114.5	97.0
## 2128	40	94.5	134.5	103.5
## 2130	31	95.0	109.0	89.0
## 2131	50	91.5	151.5	115.0
## 2132	26	94.0	123.5	95.0
## 2133	49	95.0	115.0	103.0
## 2134	44	96.0	106.0	82.5
## 2135	42	96.5	117.5	101.0
## 2136	34	100.0	129.5	109.0
## 2137	38	98.5	160.0	139.5
## 2138	24	100.0	106.0	71.5
## 2139	68	91.0	119.0	95.5
## 2140	30	100.0	113.0	91.5
## 2141	33	100.0	142.5	102.0
## 2142	54	96.0	149.0	109.5
## 2143	47	100.0	105.0	80.5
## 2144	73	95.0	121.5	111.5
## 2145	37	97.5	123.0	96.0
## 2146	33	99.5	96.0	96.0
## 2147	32	97.0	109.0	98.0
## 2148	29	89.5	97.5	80.0
## 2150	30	100.0	134.5	105.0
## 2151	29	93.5	122.5	90.0
## 2153	28	100.0	114.0	86.0
## 2155	61	99.5	166.0	122.0
## 2157	54	85.5	104.0	88.0
## 2158	42	99.0	103.5	85.5
## 2159	36	100.0	101.5	96.0
## 2160	38	100.0	119.5	89.0
## 2161	32	91.5	84.5	76.5
## 2162	31	97.5	126.5	106.5
## 2163	32	100.0	123.0	101.5
## 2164	37	96.5	122.0	88.0
## 2165	40	100.0	121.0	102.5
## 2166	50	92.5	117.0	96.5
## 2167	31	97.0	129.0	105.5
## 2168	40	96.0	93.0	79.0
## 2169	36	97.5	98.5	77.0
## 2170	38	98.0	92.0	73.0
## 2171	43	95.5	141.0	95.5
## 2172	32	98.5	152.0	118.5

## 2174	40	98.5	157.0	143.0
## 2175	35	96.0	107.5	84.5
## 2176	36	96.5	98.5	77.0
## 2177	54	100.0	137.0	108.0
## 2178	37	98.5	130.5	103.5
## 2179	34	100.0	92.0	70.5
## 2180	32	96.0	99.5	82.0
## 2181	40	97.5	113.0	94.0
## 2182	45	98.5	164.5	110.5
## 2184	26	100.0	116.0	90.5
## 2185	46	97.5	123.0	96.0
## 2187	49	100.0	110.0	96.0
## 2188	37	98.5	125.5	101.5
## 2189	54	96.0	81.0	66.0
## 2190	30	96.5	121.0	98.5
## 2195	33	98.5	106.0	88.0
## 2196	40	98.0	112.0	91.5
## 2197	32	99.0	103.5	84.5
## 2198	48	96.0	125.0	93.0
## 2199	40	95.5	171.5	128.0
## 2200	36	99.0	142.0	110.0
## 2201	33	99.5	106.0	77.5
## 2202	58	95.5	100.5	81.0
## 2203	49	93.5	147.5	113.0
## 2204	38	98.0	163.0	118.5
## 2205	40	88.0	128.0	105.5
## 2206	40	100.0	121.0	102.5
## 2207	36	95.5	116.5	98.0
## 2208	29	97.5	111.0	87.5
## 2209	72	90.0	123.0	96.0
## 2210	28	99.0	160.0	120.0
## 2211	42	91.5	121.5	89.0
## 2212	27	96.5	128.0	107.0
## 2213	30	93.0	138.0	106.5
## 2214	39	97.5	129.0	108.5
## 2215	41	98.5	141.0	112.0
## 2216	35	99.0	109.5	88.5
## 2218	37	100.0	116.0	96.0
## 2219	43	96.5	141.5	105.5
## 2220	51	96.5	142.0	107.0
## 2221	29	98.0	93.5	96.0
## 2223	36	93.5	102.0	79.0
## 2224	71	97.5	142.0	126.0
## 2225	32	100.0	114.0	86.5
## 2226	22	92.0	122.0	92.0
## 2227	31	100.0	82.0	61.0
## 2229	36	97.5	112.5	95.5
## 2231	37	97.5	123.0	96.0
## 2232	32	97.5	64.0	50.0
## 2234	37	94.0	142.5	102.0
## 2235	39	97.5	143.0	107.0
## 2238	36	94.0	184.5	139.0
## 2240	58	96.0	102.0	86.5
## 2241	36	100.0	179.0	135.0

## 2243	47	94.5	100.0	75.5
## 2244	66	100.0	115.0	90.5
## 2245	75	97.5	128.0	106.5
## 2246	46	100.0	84.0	64.0
## 2247	47	99.5	113.0	98.5
## 2249	40	95.0	124.0	102.0
## 2250	33	100.0	86.0	70.5
## 2251	57	94.0	126.0	103.5
## 2252	31	93.5	137.0	109.0
## 2253	26	97.0	113.0	93.0
## 2254	39	100.0	157.0	112.0
## 2255	61	97.0	121.5	95.5
## 2256	57	88.0	167.0	142.5
## 2258	60	98.0	136.0	99.5
## 2259	38	95.5	131.0	105.5
## 2260	58	96.0	203.0	156.5
## 2261	34	96.5	113.5	95.5
## 2262	38	91.5	106.0	79.5
## 2263	40	100.0	107.0	90.0
## 2266	54	98.0	162.0	130.5
## 2267	64	97.0	144.0	119.0
## 2269	37	100.0	109.0	85.0
## 2270	40	96.0	92.0	67.0
## 2272	42	97.5	145.0	105.0
## 2273	34	95.0	147.0	127.0
## 2274	67	91.5	165.0	134.5
## 2275	40	98.5	158.0	118.0
## 2276	33	98.0	143.0	118.0
## 2277	60	100.0	98.0	74.0
## 2278	31	98.5	166.0	132.5
## 2281	35	100.0	139.0	116.5
## 2282	37	99.0	160.0	125.5
## 2285	26	100.0	116.5	84.0
## 2286	33	100.0	126.0	105.0
## 2287	38	94.0	130.0	93.5
## 2288	34	100.0	140.0	105.0
## 2289	25	97.5	96.5	75.0
## 2290	47	95.5	148.0	121.0
## 2294	38	96.0	96.5	77.5
## 2296	38	95.0	179.5	127.0
## 2297	33	94.5	114.0	90.0
## 2299	24	94.5	103.0	78.5
## 2300	30	97.5	112.0	84.5
## 2301	54	94.0	102.0	80.0
## 2302	40	96.0	82.0	71.5
## 2303	43	97.5	120.5	90.5
## 2304	46	98.0	114.5	93.5
## 2305	45	97.5	130.0	100.0
## 2307	37	95.0	123.0	96.0
## 2308	39	97.0	106.0	83.5
## 2309	41	91.0	107.5	80.5
## 2310	58	96.0	151.0	106.5
## 2312	33	99.5	77.5	64.5
## 2314	30	99.5	179.5	103.5

## 2315	55	97.0	107.0	86.5
## 2316	41	95.0	120.5	89.5
## 2317	34	91.5	136.5	101.0
## 2318	39	97.5	117.5	96.0
## 2320	36	99.0	158.0	122.0
## 2322	34	95.5	133.0	104.5
## 2323	39	100.0	123.0	96.0
## 2324	26	95.5	101.0	70.5
## 2327	34	98.0	141.0	94.5
## 2328	34	95.5	82.0	67.5
## 2329	26	99.0	126.0	94.5
## 2330	40	99.5	124.0	95.5
## 2331	32	100.0	135.5	109.5
## 2333	42	91.5	118.5	90.0
## 2335	27	99.5	163.5	125.5
## 2336	32	100.0	135.5	117.0
## 2339	37	97.5	123.0	96.0
## 2340	40	97.5	145.5	105.5
## 2341	35	100.0	168.0	121.0
## 2342	37	97.5	123.0	96.0
## 2343	38	97.0	110.0	89.0
## 2344	30	99.0	109.0	83.5
## 2347	30	98.0	109.5	95.5
## 2348	30	94.0	104.5	82.0
## 2349	40	98.0	132.0	115.5
## 2350	32	100.0	127.5	98.5
## 2352	37	98.0	133.5	111.0
## 2354	35	97.5	148.0	105.0
## 2355	36	90.0	82.0	65.5
## 2356	35	99.0	99.5	78.5
## 2357	36	97.0	104.5	88.0
## 2358	32	99.0	87.0	73.5
## 2359	38	91.0	128.0	104.5
## 2360	30	94.0	117.5	93.0
## 2361	33	97.5	140.0	100.5
## 2363	36	97.0	114.0	89.0
## 2364	37	97.5	123.0	96.0
## 2365	40	97.5	142.0	116.5
## 2368	28	82.5	81.5	69.5
## 2369	36	96.0	119.0	90.5
## 2370	31	97.5	108.0	87.0
## 2371	30	97.5	145.0	115.0
## 2372	50	97.0	167.0	140.5
## 2373	29	100.0	108.5	93.0
## 2374	59	92.0	183.0	140.0
## 2375	48	97.0	112.0	81.0
## 2376	40	100.0	109.5	93.0
## 2377	31	92.5	121.0	91.0
## 2378	36	100.0	136.0	99.0
## 2379	31	92.5	106.0	82.5
## 2381	76	99.0	103.0	82.5
## 2382	39	98.5	173.0	137.5
## 2383	37	97.5	127.0	99.5
## 2384	30	97.5	123.0	96.0

```
## 2385      42      91.0      132.5      99.0
## 2386      38     100.0      128.0     101.5
## 2387      33      98.0      125.5      95.5
## 2388      64      89.5      101.5      88.5
## 2390      32     100.0      141.0     121.5
## 2391      37      97.5      123.0      96.0
## 2393      30      99.0       81.0      65.5
## 2394      38      99.0      114.0     104.5
## 2395      35     100.0      113.5      96.0
## 2397      37      99.5      137.0     104.0
## 2398      28      98.0      102.5      79.5
## 2399      41      99.0      125.5      97.0
## 2400      32      97.5      199.5     156.0
## 2401      36      98.5      115.5      90.5
## 2402      31     100.0      129.0      91.0
## 2404      21      97.0      121.0      95.0
## 2407      35     100.0      132.0      92.0
## 2412      36      97.0      114.5      87.5
## 2413      13     100.0       95.0      76.0
## 2414      51      94.0      130.0     110.5
## 2415      32     100.0      122.0      92.0
## 2416      50      97.0      109.5      76.0
## 2417      26      96.0      125.0     108.0
## 2419      30     100.0      132.0     100.5
## 2421      33      94.5      130.0     102.5
## 2422      64      92.0       96.5      80.0
## 2423      36      99.0       91.5      75.5
## 2424      31      96.5       95.5      69.5
## 2425      28     100.0      117.0      87.5
## 2427      42     100.0      123.0      94.0
## 2428      28      99.0      123.5      98.5
## 2429      34      95.0      100.0      75.0
## 2431      36      95.5      147.5     113.0
## 2432      43      99.5      169.5     130.0
## 2433      29      99.5      103.0      75.5
## 2434      45      95.0      144.0     111.5
## 2437      40      93.0      155.0     128.5
## 2438      30      96.5      156.0      96.0
## 2440      40      96.0      134.0     105.0
## [ reached 'max' / getOption("max.print") -- omitted 10702 rows ]
```

## Model Evaluation

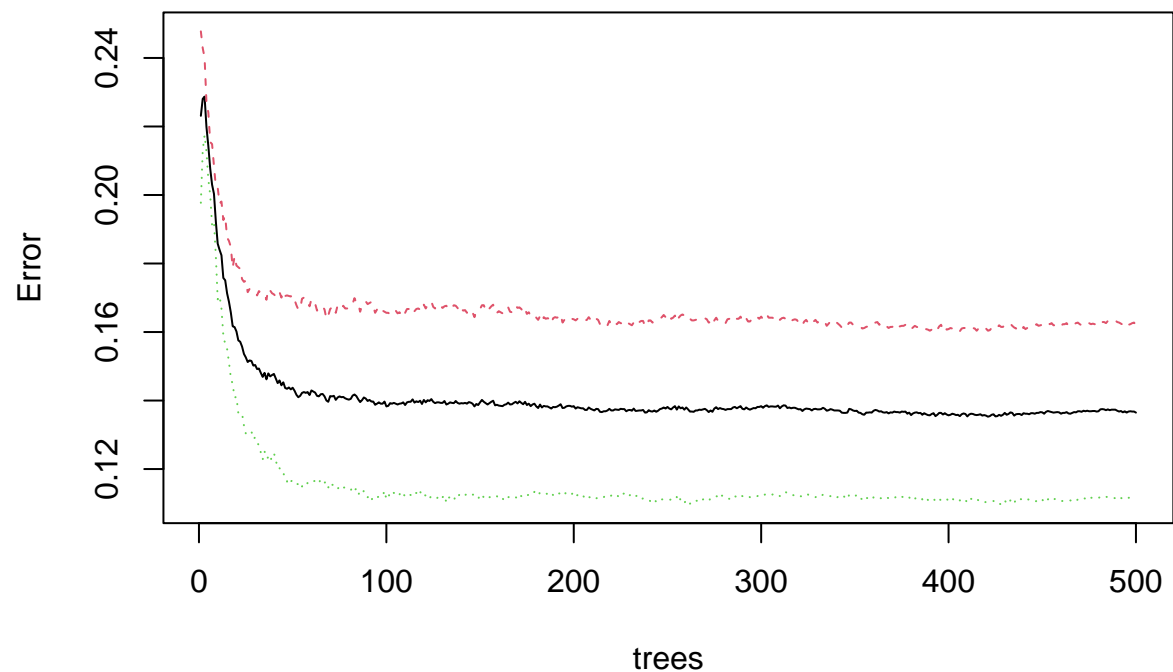
### Training and Plotting error

```
trainData_x <- trainData %>% select(-c(hospital_death))
trainData_y <- trainData$hospital_death

classifier_RF = randomForest(x = trainData_x,y = trainData_y)

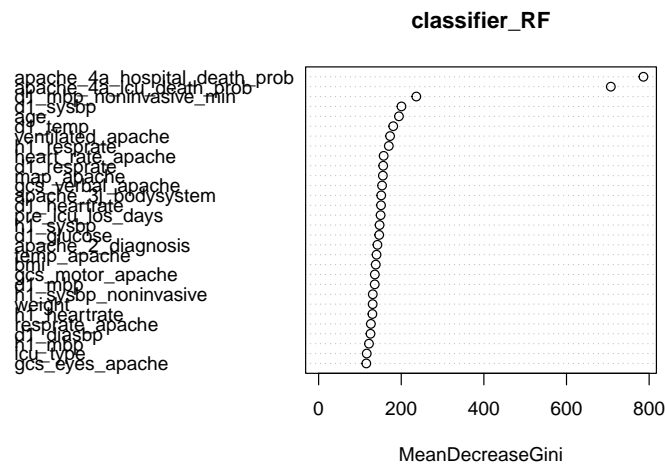
#classifier_RF = train(x = trainData_x,y = trainData_y)
plot(classifier_RF)
```

classifier\_RF



Plotting Variable Importance

```
varImpPlot(classifier_RF)
```





## Predict & Evaluation

```
testData_x <- testData %>% select(-c(hospital_death))
testData_y <- testData %>% select(c(hospital_death))
testData_y <- testData_y$hospital_death

predict_y <- predict(classifier_RF, testData_x)
predict_y <- as.vector(predict_y)
predict_y <- factor(predict_y, levels = c("Survived", "Death"))

# predict_y

confusionMatrix(predict_y, testData_y)
```

```
## Confusion Matrix and Statistics
##
##              Reference
## Prediction Survived Death
##   Survived      1310    176
##   Death          256   1426
##
##              Accuracy : 0.8636
##              95% CI : (0.8512, 0.8754)
##   No Information Rate : 0.5057
##   P-Value [Acc > NIR] : < 2.2e-16
##
##              Kappa : 0.7271
##
##  Mcnemar's Test P-Value : 0.0001442
##
##              Sensitivity : 0.8365
##              Specificity : 0.8901
##              Pos Pred Value : 0.8816
##              Neg Pred Value : 0.8478
##              Prevalence : 0.4943
##              Detection Rate : 0.4135
##   Detection Prevalence : 0.4691
##   Balanced Accuracy : 0.8633
##
##   'Positive' Class : Survived
##
```

## Time Limit

```
current_2 <- Sys.time()
deltatime_rpart <- current_2 - current_0
print("Time Modelling :")
```

```
## [1] "Time Modelling :"
```

```
print(deltatime_rpart)
```

```
## Time difference of 1.503371 mins
```