PSTAT131 Final Project

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packages

```r
#install.packages("tidyverse")
#install.packages("corrplot")
#install.packages("ggplot2")
#install.packages("GGally")
library(ggplot2)
library(GGally)
```

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

```r
library(tidyverse)
```

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

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

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

```r
library(glmnet)
```

```
## Loading required package: Matrix
```

```
##
## Attaching package: 'Matrix'
```

```
## The following objects are masked from 'package:tidyr':
##
##     expand, pack, unpack
```

```
## Loaded glmnet 4.1-3
```

```
library(knitr)
library(dplyr)
library(tidyverse)
library(modelr)
library(pander)
```

```
##
## Attaching package: 'pander'
```

```
## The following object is masked from 'package:GGally':
##
##     wrap
```

```
library(corrplot)
```

```
## corrplot 0.92 loaded
```

```
library(readxl)
```

read data

```
# this is where we will input the data

# first dataset
X2020_2021_NBA_Stats_Player_Box_Score_Advanced_Metrics <- read_excel("2020-2021 NBA Stats  Player Box S
```

```
## New names:
## * `` -> ...2
## * `` -> ...3
## * `` -> ...4
## * `` -> ...5
## * `` -> ...6
## * ...
```

```
bball_stats <- as.data.frame(X2020_2021_NBA_Stats_Player_Box_Score_Advanced_Metrics)
my_colnames <- c('Rank', 'Player', 'Team', 'Position', 'Age', 'Games.Played', 'MPG', 'Minutes%', 'Usage_
colnames(bball_stats) <- my_colnames
new_bball_stats <- bball_stats[-1,-1]
new_bball_stats
```

```
##                      Player Team Position        Age Games.Played
## 2          Precious Achiuwa  Mia        F      21.66           61
## 3             Jaylen Adams  Mil        G      25.03            7
## 4             Steven Adams  Nor        C      27.83           58
## 5              Bam Adebayo  Mia      C-F      23.83           64
## 6          LaMarcus Aldridge  San      C-F      35.83           21
## 7          LaMarcus Aldridge  Bro      C-F      35.83            5
## 8          Ty-Shon Alexander  Pho        G      22.84           15
```

```
## 9     Nickeil Alexander-Walker  Nor      G                   22.7      46
## 10            Grayson Allen  Mem      G                  25.61      50
## 11            Jarrett Allen  Bro      C                  23.07      12
## 12            Jarrett Allen  Cle      C                  23.07      51
## 13           Al-Farouq Aminu  Orl      F                  30.65      17
## 14           Al-Farouq Aminu  Chi      F                  30.65       6
## 15            Kyle Anderson  Mem    F-G                  27.66      69
## 16     Giannis Antetokounmpo  Mil      F                  26.44      61
## 17      Kostas Antetokounmpo  Lal      F                  23.49      15
## 18    Thanasis Antetokounmpo  Mil      F                  28.83      57
## 19           Carmelo Anthony  Por      F                  36.97      69
## 20             Cole Anthony  Orl      G                     21      47
## 21               OG Anunoby  Tor      F                  23.83      43
## 22         Ryan Arcidiacono  Chi      G                  27.14      44
## 23             Trevor Ariza  Mia      F 35.880000000000003      30
## 24            D.J. Augustin  Mil      G 33.520000000000003      37
## 25            D.J. Augustin  Hou      G 33.520000000000003      20
## 26             Deni Avdija  Was      F                  20.37      54
## 27            Deandre Ayton  Pho      C                  22.82      69
## 28           Udoka Azubuike  Uta    C-F                  21.66      15
## 29            Dwayne Bacon  Orl    G-F                  25.71      72
## 30         Marvin Bagley III  Sac      F                  22.18      43
## 31              LaMelo Ball  Cha      G 19.739999999999998      51
## 32              Lonzo Ball  Nor      G                  23.55      55
## 33               Mo Bamba  Orl      C                  23.01      46
## 34            Desmond Bane  Mem      G                  22.89      68
## 35          Harrison Barnes  Sac      F                  28.96      58
## 36              RJ Barrett  Nyk    F-G                  20.92      72
## 37             Will Barton  Den      G                  30.36      56
## 38          Keita Bates-Diop  San      F                  25.31      30
## 39           Nicolas Batum  Lac    G-F                  32.42      67
## 40             Aron Baynes  Tor    C-F                  34.44      53
## 41            Kent Bazemore  Gol    G-F                  31.88      67
## 42            Darius Bazley  Okc    F-G                  20.93      55
## 43             Bradley Beal  Was      G                  27.89      60
## 44            Malik Beasley  Min      G                  24.47      37
## 45              Jordan Bell  Was      F                  26.36       5
## 46              Jordan Bell  Gol      F                  26.36       1
## 47           DeAndre' Bembry  Tor    G-F                  26.87      51
## 48            Davis Bertans  Was      F                  28.51      57
## 49          Patrick Beverley  Lac      G 32.840000000000003      37
## 50              Saddiq Bey  Det      F                   22.1      70
## 51               Tyler Bey  Dal      F                  23.26      18
## 52              Khem Birch  Orl      C                  28.63      48
## 53              Khem Birch  Tor      C                  28.63      19
## 54             Goga Bitadze  Ind    C-F                  21.83      45
## 55           Bismack Biyombo  Cha      C                  28.72      66
## 56           Nemanja Bjelica  Sac      F 33.020000000000003      26
## 57           Nemanja Bjelica  Mia      F 33.020000000000003      11
## 58             Eric Bledsoe  Nor      G                  31.44      71
## 59            Keljin Blevins  Por      G                  25.48      17
## 60          Bojan Bogdanovic  Uta      F                  32.08      72
## 61         Bogdan Bogdanovic  Atl      G                  28.74      44
## 62                Bol Bol  Den    C-F                   21.5      32
```

```
## 63         Marques Bolden  Cle    C      23.08       6
## 64            Jordan Bone  Orl    G      23.53      14
## 65            Isaac Bonga  Was    G      21.52      40
## 66           Devin Booker  Pho    G      24.54      67
## 67          Chris Boucher  Tor  F-C      28.35      60
## 68         Brian Bowen II  Ind  F-G      22.62       5
## 69          Avery Bradley  Mia    G      30.47      10
## 70          Avery Bradley  Hou    G      30.47      17
## 71           Tony Bradley  Phi  C-F      23.35      20
## 72           Tony Bradley  Okc  C-F      23.35      22
## 73        Jarrell Brantley Uta    F      24.94      28
## 74       Ignas Brazdeikis  Nyk    F      22.35       4
## 75       Ignas Brazdeikis  Phi    F      22.35       1
## 76       Ignas Brazdeikis  Orl    F      22.35       8
## 77          Miles Bridges  Cha    F      23.16      66
## 78          Mikal Bridges  Pho    F      24.71      72
## 79           Amida Brimah  Ind    C      27.26       5
## 80         Oshae Brissett  Ind  F-G      22.91      21
## 81        Malcolm Brogdon  Ind    G      28.43      56
## 82          Armoni Brooks  Hou    G      22.95      20
## 83          Dillon Brooks  Mem  G-F      25.32      67
## 84      Charlie Brown Jr.  Okc    G      23.29       9
## 85         Troy Brown Jr.  Was  G-F       21.8      21
## 86         Troy Brown Jr.  Chi  G-F       21.8      13
## 87            Bruce Brown  Bro  G-F      24.75      65
## 88           Jaylen Brown  Bos  G-F      24.56      58
## 89            Moses Brown  Okc    C      21.59      43
## 90         Sterling Brown  Hou  G-F      26.26      51
## 91          Jalen Brunson  Dal    G      24.71      68
## 92          Elijah Bryant  Mil    G         20       1
## 93          Thomas Bryant  Was  C-F       23.8      10
## 94         Reggie Bullock  Nyk  G-F      30.17      65
## 95             Trey Burke  Dal    G      28.51      62
## 96             Alec Burks  Nyk    G      29.83      49
## 97           Jimmy Butler  Mia    F      31.67      52
## 98           Bruno Caboclo Hou    F      25.65       6
## 99         Devontae Cacok  Lal    F       24.6      20
## 100 Kentavious Caldwell-Pope Lal   G      28.24      67
## 101      Facundo Campazzo  Den    G      30.15      65
## 102         Vlatko Cancar  Den    F       24.1      41
## 103         Devin Cannady  Orl    G      24.99       8
## 104          Clint Capela  Atl    C         27      63
## 105       Vernon Carey Jr. Cha  F-C      20.22      19
## 106      Wendell Carter Jr. Chi  C-F     22.09      32
## 107      Wendell Carter Jr. Orl  C-F     22.09      22
## 108          Jevon Carter  Pho    G      25.67      60
## 109 Michael Carter-Williams Orl   G       29.6      31
## 110           Alex Caruso  Lal    G      27.21      58
## 111    Willie Cauley-Stein Dal    C      27.75      53
## 112         Chris Chiozza  Bro    G      25.49      22
## 113       Marquese Chriss  Gol    F      23.87       2
## 114        Brandon Clarke  Mem  F-G      24.66      59
## 115            Gary Clark  Orl    F       26.5      35
## 116            Gary Clark  Den    F       26.5       2
```

```
## 117       Gary Clark  Phi    F                   26.5          2
## 118   Jordan Clarkson  Uta    G                  28.94         68
## 119   Nicolas Claxton  Bro  F-C                  22.08         32
## 120      Amir Coffey  Lac  G-F                  23.92         44
## 121    John Collins  Atl  F-C                  23.65         63
## 122      Mike Conley  Uta    G                   33.6         51
## 123  Pat Connaughton  Mil    G                  28.36         69
## 124      Quinn Cook  Lal    G                  28.15         16
## 125      Quinn Cook  Cle    G                  28.15          7
## 126      Tyler Cook  Bro    F                  23.65          4
## 127      Tyler Cook  Det    F                  23.65         28
## 128  DeMarcus Cousins  Hou    C                  30.76         25
## 129  DeMarcus Cousins  Lac    C                  30.76         16
## 130  Robert Covington  Por    F                  30.42         70
## 131     Torrey Craig  Mil    F                  30.41         18
## 132     Torrey Craig  Pho    F                  30.41         32
## 133      Jae Crowder  Pho    F                  30.86         60
## 134    Jarrett Culver  Min  G-F                  22.24         34
## 135       Seth Curry  Phi    G                  30.73         57
## 136    Stephen Curry  Gol    G                  33.17         63
## 137     Nate Darling  Cha    G                  22.71          7
## 138   Anthony Davis  Lal  F-C                  28.18         36
## 139        Ed Davis  Min  C-F                  31.95         23
## 140    Terence Davis  Tor    G                     24         34
## 141    Terence Davis  Sac    G                     24         27
## 142     Gabriel Deck  Okc    F                  26.27         10
## 143   Dewayne Dedmon  Mia    C                  31.76         16
## 144  Matthew Dellavedova  Cle    G              30.69         13
## 145     DeMar DeRozan  San  G-F                  31.78         61
## 146    Mamadi Diakite  Mil    F                  24.32         14
## 147   Hamidou Diallo  Okc    G                   22.8         32
## 148   Hamidou Diallo  Det    G                   22.8         20
## 149     Gorgui Dieng  Mem    C                  31.33         22
## 150     Gorgui Dieng  San    C                  31.33         16
## 151  Spencer Dinwiddie  Bro    G                 28.11          3
## 152  Donte DiVincenzo  Mil    G                  24.29         66
## 153     Luka Doncic  Dal  F-G                  22.21         66
## 154    Luguentz Dort  Okc    G                  22.08         52
## 155   Damyean Dotson  Cle    G                  27.03         46
## 156     Devon Dotson  Chi    G                  21.79         11
## 157   Sekou Doumbouya  Det    F 20.399999999999999         56
## 158       PJ Dozier  Den  G-F                  24.56         50
## 159     Goran Dragic  Mia    G                  35.03         50
## 160   Andre Drummond  Cle    C                  27.77         25
## 161   Andre Drummond  Lal    C                  27.77         21
## 162     Jared Dudley  Lal    F                  35.85         12
## 163        Kris Dunn  Atl    G                  27.16          4
## 164    Kevin Durant  Bro    F 32.630000000000003         35
## 165   Anthony Edwards  Min    G                  19.78         72
## 166    Carsen Edwards  Bos    G                  23.18         31
## 167       CJ Elleby  Por  F-G                  20.92         30
## 168   Henry Ellenson  Tor  F-C                  24.34          2
## 169   Wayne Ellington  Det    G                  33.46         46
## 170      Joel Embiid  Phi  C-F                  27.17         51
```

```
## 171        James Ennis III  Orl    F               30.88     41
## 172            Drew Eubanks  San  F-C               24.29     54
## 173             Dante Exum   Cle    G               25.84      6
## 174             Tacko Fall   Bos    C               25.43     18
## 175          Derrick Favors  Uta    F               29.84     68
## 176        Cristiano Felicio Chi  F-C               28.86     18
## 177        Terrance Ferguson Phi    G                  23     13
## 178          Bruno Fernando  Atl  F-C               22.75     33
## 179           Yogi Ferrell   Cle    G               28.02      2
## 180           Yogi Ferrell   Lac    G               28.02      8
## 181    Dorian Finney-Smith   Dal    F               28.04     60
## 182           Malik Fitts    Lac    F                  20      3
## 183          Malachi Flynn   Tor    G               23.02     47
## 184            Bryn Forbes   Mil    G               27.82     70
## 185           Trent Forrest  Uta    G               22.93     30
## 186          Evan Fournier   Orl  G-F               28.55     26
## 187          Evan Fournier   Bos  G-F               28.55     16
## 188           De'Aaron Fox   Sac    G               23.41     58
## 189          Robert Franks   Orl    F                  20      7
## 190            Tim Frazier   Mem    G               30.54      5
## 191         Markelle Fultz   Orl    G               22.97      8
## 192          Wenyen Gabriel  Nor    F               24.14     21
## 193          Daniel Gafford  Chi  F-C               22.63     31
## 194          Daniel Gafford  Was  F-C               22.63     23
## 195         Danilo Gallinari Atl    F 32.770000000000003     51
## 196       Langston Galloway  Pho    G               29.44     40
## 197          Darius Garland  Cle    G                21.3     54
## 198             Marc Gasol   Lal    C 36.299999999999997     52
## 199              Rudy Gay    San  F-G               34.75     63
## 200            Paul George   Lac    F               31.04     54
## 201             Taj Gibson   Nyk    F                35.9     45
## 202         Harry Giles III  Por  F-C               23.07     38
## 203  Shai Gilgeous-Alexander Okc  G-F               22.85     35
## 204            Anthony Gill  Was    F               28.58     26
## 205        Freddie Gillespie Tor    F                  20     20
## 206            Rudy Gobert   Uta    C               28.89     71
## 207         Brandon Goodwin  Atl    G               25.62     47
## 208           Aaron Gordon   Orl    F               25.67     25
## 209           Aaron Gordon   Den    F               25.67     25
## 210            Eric Gordon   Hou    G               32.39     27
## 211         Devonte' Graham  Cha    G               26.23     55
## 212            Jerami Grant  Det    F               27.18     54
## 213            Danny Green   Phi    G                33.9     69
## 214          Draymond Green  Gol    F                31.2     63
## 215          JaMychal Green  Den  F-C                30.9     58
## 216           Javonte Green  Bos  G-F               27.82     25
## 217           Javonte Green  Chi  G-F               27.82     16
## 218             Jeff Green   Bro    F               34.72     68
## 219             Josh Green   Dal    G                20.5     39
## 220           Blake Griffin  Det    F               32.17     20
## 221           Blake Griffin  Bro    F               32.17     26
## 222              Kyle Guy    Sac    G               23.77     31
## 223          Rui Hachimura   Was    F               23.27     57
## 224           Ashton Hagans  Min  G-F               21.86      2
```

```
## 225        Tyrese Haliburton  Sac   G               21.21   58
## 226             Donta Hall  Orl    C               23.78   13
## 227              Josh Hall  Okc    F                20.6   21
## 228          R.J. Hampton  Den    G               20.27   25
## 229          R.J. Hampton  Orl    G               20.27   26
## 230       Tim Hardaway Jr.  Dal  G-F               29.17   70
## 231          James Harden  Hou    G               31.72    8
## 232          James Harden  Bro    G               31.72   36
## 233       Maurice Harkless  Mia  F-G               28.02   11
## 234       Maurice Harkless  Sac  F-G               28.02   26
## 235           Jared Harper  Nyk    G               23.67    8
## 236       Montrezl Harrell  Lal  F-C                27.3   69
## 237            Gary Harris  Den    G               26.67   19
## 238            Gary Harris  Orl    G               26.67   20
## 239           Jalen Harris  Tor    G               22.76   13
## 240             Joe Harris  Bro  G-F               29.69   69
## 241     Shaquille Harrison  Uta    G               27.61   17
## 242     Shaquille Harrison  Den    G               27.61   17
## 243          Tobias Harris  Phi    F               28.84   62
## 244     Isaiah Hartenstein  Den  C-F               23.03   30
## 245     Isaiah Hartenstein  Cle  C-F               23.03   16
## 246              Josh Hart  Nor    G                26.2   47
## 247          Udonis Haslem  Mia    F               40.94    1
## 248           Jaxson Hayes  Nor  C-F               20.98   60
## 249          Killian Hayes  Det    G 19.809999999999999   26
## 250         Gordon Hayward  Cha    F               31.15   44
## 251     Juancho Hernangomez  Min   F               25.63   52
## 252      Willy Hernangomez  Nor  C-F               26.97   47
## 253            Tyler Herro  Mia    G               21.32   54
## 254            Buddy Hield  Sac    G               28.41   71
## 255            George Hill  Okc    G               35.04   14
## 256            George Hill  Phi    G               35.04   16
## 257           Solomon Hill  Atl    F               30.16   71
## 258            Nate Hinton  Dal  G-F               21.94   21
## 259           Jaylen Hoard  Okc    F               22.13   19
## 260          Aaron Holiday  Ind    G               24.63   66
## 261           Jrue Holiday  Mil    G               30.93   59
## 262         Justin Holiday  Ind  F-G 32.119999999999997   72
## 263 Rondae Hollis-Jefferson  Por   F               26.37   11
## 264         Richaun Holmes  Sac    F               27.59   61
## 265           Rodney Hood  Por  G-F               28.57   38
## 266           Rodney Hood  Tor  G-F               28.57   17
## 267             Al Horford  Okc  C-F 34.950000000000003   28
## 268    Talen Horton-Tucker  Lal    G               20.47   65
## 269       Danuel House Jr.  Hou  F-G               27.94   36
## 270          Dwight Howard  Phi  C-F               35.44   69
## 271          Markus Howard  Den    G               22.21   37
## 272           Kevin Huerter  Atl  G-F              22.72   69
## 273           Elijah Hughes  Uta   G               23.19   18
## 274        De'Andre Hunter  Atl  F-G               23.46   23
## 275      Chandler Hutchison  Chi  F-G              25.06    7
## 276      Chandler Hutchison  Was  F-G              25.06   18
## 277            Serge Ibaka  Lac    F               31.66   41
## 278         Andre Iguodala  Mia  G-F 37.299999999999997   63
```

```
## 279        Ersan Ilyasova  Uta       F               34.01         17
## 280          Joe Ingles    Uta     F-G 33.619999999999997          67
## 281      Brandon Ingram    Nor       F                23.7         61
## 282         Kyrie Irving   Bro       G               29.15         54
## 283          Wes Iwundu    Dal       F               26.41         23
## 284          Wes Iwundu    Nor       F               26.41         18
## 285     Jaren Jackson Jr.  Mem     F-C               21.67         11
## 286       Frank Jackson    Det       G               23.04         40
## 287        Josh Jackson    Det     G-F               24.26         62
## 288      Justin Jackson    Okc       F               26.14         33
## 289      Justin Jackson    Mil       F               26.14          1
## 290      Reggie Jackson    Lac       G               31.09         67
## 291         Justin James   Sac     G-F               24.31         36
## 292         LeBron James   Lal       F 36.380000000000003          45
## 293           Mike James   Bro       G               30.75         13
## 294      DaQuan Jeffries   Sac     G-F               23.71         18
## 295      DaQuan Jeffries   Hou     G-F               23.71         13
## 296           Ty Jerome    Okc     G-F               23.86         33
## 297          Isaiah Joe    Phi       G               21.87         41
## 298        Alize Johnson   Bro       F               25.07         18
## 299      Cameron Johnson   Pho       F                25.2         60
## 300        James Johnson   Dal       F               34.24         29
## 301        James Johnson   Nor       F               34.24         22
## 302       Keldon Johnson   San     F-G                21.6         69
## 303      Stanley Johnson   Tor     F-G               24.97         61
## 304        Tyler Johnson   Bro       G               29.03         39
## 305          Nikola Jokic  Den       C               26.24         72
## 306      Derrick Jones Jr. Por       F               24.25         58
## 307         Damian Jones   Pho       C               25.88         14
## 308         Damian Jones   Lal       C               25.88          8
## 309         Damian Jones   Sac       C               25.88         17
## 310          Mason Jones   Hou       G               22.82         26
## 311          Mason Jones   Phi       G               22.82          6
## 312            Tre Jones   San       G               21.35         37
## 313           Tyus Jones   Mem       G               25.02         70
## 314       DeAndre Jordan   Bro       C               32.82         57
## 315          Cory Joseph   Sac       G               29.74         44
## 316          Cory Joseph   Det       G               29.74         19
## 317     Mfiondu Kabengele  Lac     F-C               23.76         23
## 318     Mfiondu Kabengele  Cle     F-C               23.76         16
## 319       Frank Kaminsky   Pho     F-C               28.12         47
## 320           Enes Kanter  Por       C               28.99         72
## 321        Luke Kennard    Lac       G               24.89         63
## 322           Louis King   Sac       F               22.11          6
## 323           Maxi Kleber  Dal       F                29.3         50
## 324        Nathan Knight   Atl     F-C               23.66         33
## 325        Kevin Knox II   Nyk       F               21.77         42
## 326          John Konchar  Mem       G               25.15         43
## 327        Furkan Korkmaz  Phi     G-F               23.81         55
## 328         Luke Kornet    Chi     F-C               25.84         13
## 329         Luke Kornet    Bos     F-C               25.84         18
## 330       Rodions Kurucs   Bro       F               23.28          5
## 331       Rodions Kurucs   Hou       F               23.28         11
## 332       Rodions Kurucs   Mil       F               23.28          5
```

```
## 333          Kyle Kuzma  Lal   F                25.81  68
## 334        Anthony Lamb  Hou   F                23.32  24
## 335         Jeremy Lamb  Ind   G-F              28.96  36
## 336       Romeo Langford  Bos  G-F              21.56  18
## 337          Zach LaVine  Chi  G-F              26.19  58
## 338          Jake Layman  Min  F                 27.2  45
## 339           T.J. Leaf   Por  F                24.05   7
## 340        Jalen Lecque   Ind  G                20.92   4
## 341          Damion Lee   Gol  G-F              28.57  57
## 342           Saben Lee   Det  G                 21.9  48
## 343            Alex Len   Tor  C                27.92   7
## 344            Alex Len   Was  C                27.92  57
## 345       Kawhi Leonard   Lac  F                29.88  52
## 346      Meyers Leonard   Mia  F-C              29.22   3
## 347        Caris LeVert   Bro  G                26.73  12
## 348        Caris LeVert   Ind  G                26.73  35
## 349      Kira Lewis Jr.   Nor  G                20.11  54
## 350      Damian Lillard   Por  G                30.84  67
## 351        Nassir Little  Por  F-G              21.26  48
## 352        Kevon Looney   Gol  F                25.27  61
## 353         Brook Lopez   Mil   C 33.119999999999997  70
## 354         Robin Lopez   Was   C 33.119999999999997  71
## 355  Marcos Louzada Silva Nor  G                   20   3
## 356          Kevin Love   Cle  F-C              32.69  25
## 357          Kyle Lowry   Tor  G                35.15  46
## 358 Timothe Luwawu-Cabarrot Bro G-F             26.02  58
## 359          Trey Lyles   San  F                25.53  23
## 360         Will Magnay   Nor  C                22.93   1
## 361          Thon Maker   Cle  F-C                 20   8
## 362        Theo Maledon   Okc  G                19.93  65
## 363          Karim Mane   Orl  G                   21  10
## 364        Nico Mannion   Gol  G                20.18  30
## 365        Terance Mann   Lac  G-F              24.58  67
## 366     Boban Marjanovic  Dal  C                32.75  33
## 367      Lauri Markkanen  Chi  F-C              23.99  51
## 368       Naji Marshall   Nor  F                23.31  32
## 369    Kenyon Martin Jr.  Hou  F                20.36  45
## 370        Caleb Martin   Cha  F                25.63  53
## 371         Cody Martin   Cha  F                25.63  52
## 372     Jeremiah Martin   Cle  G                24.91   9
## 373        Kelan Martin   Ind  F                25.79  35
## 374         Frank Mason   Orl  G                27.12   4
## 375     Garrison Mathews  Was  G                24.56  64
## 376      Dakota Mathias   Phi  G                25.85   8
## 377     Wesley Matthews   Lal   G 34.590000000000003  58
## 378        Tyrese Maxey   Phi  G                20.53  61
## 379         Skylar Mays   Atl  G                 23.7  33
## 380       Patrick McCaw   Tor  G                25.56   5
## 381        CJ McCollum    Por  G                29.66  47
## 382      T.J. McConnell   Ind  G                29.14  69
## 383     Jalen McDaniels   Cha  F-C              23.29  47
## 384      Jaden McDaniels  Min  F                20.63  63
## 385      Doug McDermott   Ind  F                29.37  66
## 386       Sean McDermott  Mem  F                24.53  18
```

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## 387         JaVale McGee  Cle     C-F              33.32        33
## 388         JaVale McGee  Den     C-F              33.32        13
## 389      Rodney McGruder  Det       G               29.8        16
## 390      Alfonzo McKinnie Lal       F              28.66        39
## 391     Jordan McLaughlin Min       G               25.1        51
## 392         Ben McLemore  Hou       G              28.26        32
## 393         Ben McLemore  Lal       G              28.26        21
## 394         Nicolo Melli  Nor       F               30.3        22
## 395         Nicolo Melli  Dal       F               30.3        23
## 396    De'Anthony Melton  Mem       G              22.97        52
## 397         Sam Merrill   Mil       G                 25        30
## 398        Chimezie Metu  Sac     F-C              24.15        36
## 399       Khris Middleton Mil       F              29.76        68
## 400         Darius Miller Okc       F              31.16        18
## 401          Paul Millsap Den       F              36.26        56
## 402          Patty Mills  San       G              32.76        68
## 403         Shake Milton  Phi     G-F              24.64        63
## 404      Donovan Mitchell Uta       G              24.69        53
## 405          Adam Mokoka  Chi       G              22.83        14
## 406           Malik Monk  Cha       G              23.28        42
## 407         E'Twaun Moore Pho       G              32.22        27
## 408           Ja Morant   Mem       G              21.77        63
## 409         Juwan Morgan  Uta       F              24.08        29
## 410     Marcus Morris Sr. Lac       F               31.7        57
## 411       Markieff Morris Lal       F               31.7        61
## 412         Monte Morris  Den       G              25.89        47
## 413         Mychal Mulder Gol       G              26.93        60
## 414       Dejounte Murray San       G              24.66        67
## 415          Jamal Murray Den       G              24.23        48
## 416         Mike Muscala  Okc     F-C              29.88        35
## 417       Svi Mykhailiuk  Det     G-F              23.93        36
## 418       Svi Mykhailiuk  Okc     G-F              23.93        30
## 419          Abdel Nader  Pho       F              27.64        24
## 420       Larry Nance Jr. Cle     F-C              28.37        35
## 421        Aaron Nesmith  Bos     G-F              21.58        46
## 422            Raul Neto  Was       G              28.99        64
## 423         Georges Niang Uta       F              27.92        72
## 424           Zeke Nnaji  Den     F-C 20.350000000000001       41
## 425         Nerlens Noel  Nyk     C-F               27.1        64
## 426        Jaylen Nowell  Min       G              21.86        42
## 427      Frank Ntilikina  Nyk       G               22.8        33
## 428       James Nunnally  Nor       F              30.84         9
## 429        Kendrick Nunn  Mia       G              25.79        56
## 430         Jusuf Nurkic  Por       C              26.73        37
## 431          David Nwaba  Hou     G-F              28.34        30
## 432         Jordan Nwora  Mil       F              22.69        30
## 433         Semi Ojeleye  Bos       F              26.45        56
## 434        Jahlil Okafor  Det     C-F              25.42        27
## 435          Chuma Okeke  Orl       F              22.75        45
## 436          Josh Okogie  Min       G              22.71        59
## 437       Onyeka Okongwu  Atl     F-C              20.43        50
## 438          Isaac Okoro  Cle     F-G               20.3        67
## 439           KZ Okpala   Mia     F-G              22.05        37
## 440        Victor Oladipo Ind       G              29.03         9
```

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## 441        Victor Oladipo  Hou    G                    29.03         20
## 442        Victor Oladipo  Mia    G                    29.03          4
## 443       Cameron Oliver   Hou    F                       20          4
## 444         Kelly Olynyk   Mia  F-C                    30.08         43
## 445         Kelly Olynyk   Hou  F-C                    30.08         27
## 446        Royce O'Neale   Uta    F                    27.95         71
## 447             Miye Oni   Uta  G-F                    23.78         54
## 448          Cedi Osman    Cle    F                    26.11         59
## 449        Daniel Oturu    Lac    C                    21.66         30
## 450      Kelly Oubre Jr.   Gol  F-G                    25.44         55
## 451        Jabari Parker   Sac    F                    26.17          3
## 452        Jabari Parker   Bos    F                    26.17         10
## 453        Eric Paschall   Gol    F                    24.53         40
## 454     Anzejs Pasecniks   Was  C-F                    25.41          1
## 455    Patrick Patterson   Lac    F                    32.18         38
## 456        Justin Patton   Hou    C                    23.92         13
## 457          Chris Paul    Pho    G                    36.03         70
## 458       Cameron Payne    Pho    G                    26.77         60
## 459      Gary Payton II    Gol    G                    28.46         10
## 460       Elfrid Payton    Nyk    G                    27.23         63
## 461        Norvel Pelle    Bro    C                    28.28          3
## 462        Norvel Pelle    Sac    C                    28.28          1
## 463        Norvel Pelle    Nyk    C                    28.28          9
## 464        Reggie Perry    Bro  F-C                    21.15         26
## 465         Theo Pinson    Nyk  G-F                    25.53         17
## 466       Mason Plumlee    Det  F-C                     31.2         56
## 467        Jakob Poeltl    San    C                    25.59         69
## 468      Vincent Poirier   Phi  C-F                    27.58         10
## 469    Aleksej Pokusevski  Okc    C                    19.39         45
## 470        Jordan Poole    Gol    G                    21.91         51
## 471     Kevin Porter Jr.   Hou  G-F                    21.03         26
## 472   Michael Porter Jr.   Den    F                    22.88         61
## 473       Otto Porter Jr.  Chi    F                    27.95         25
## 474       Otto Porter Jr.  Orl    F                    27.95          3
## 475        Jontay Porter   Mem  C-F                     21.5         11
## 476         Bobby Portis   Mil    F                    26.26         66
## 477    Kristaps Porzingis  Dal  F-C                    25.79         43
## 478        Dwight Powell   Dal  F-C                    29.83         58
## 479        Norman Powell   Tor    G                    27.98         42
## 480        Norman Powell   Por    G                    27.98         27
## 481        Taurean Prince  Bro    F                    27.15         12
## 482        Taurean Prince  Cle    G                    27.15         29
## 483      Payton Pritchard  Bos    G                     23.3         66
## 484    Immanuel Quickley   Nyk    G                    21.92         64
## 485       Jahmi'us Ramsey  Sac    G 19.940000000000001        13
## 486       Chasson Randle   Orl    G                    28.28         41
## 487        Julius Randle   Nyk  F-C                    26.46         71
## 488          Cam Reddish   Atl  F-G                    21.71         26
## 489            JJ Redick   Nor    G                    36.89         31
## 490            JJ Redick   Dal    G                    36.89         13
## 491           Paul Reed    Phi    F                    21.92         26
## 492            Naz Reid    Min  C-F                    21.72         70
## 493     Cameron Reynolds   San    F                    26.27          3
## 494     Cameron Reynolds   Hou    F                    26.27          2
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## 495       Nick Richards  Cha      C             23.46           18
## 496      Josh Richardson  Dal      G             27.67           59
## 497        Grant Riller  Cha      G             24.27            7
## 498        Austin Rivers  Nyk      G             28.79           21
## 499        Austin Rivers  Den      G             28.79           15
## 500       Andre Roberson  Bro    G-F             29.45            5
## 501  Glenn Robinson III  Sac      F             27.35           23
## 502      Duncan Robinson  Mia      F             27.07           72
## 503      Jerome Robinson  Was      G             24.23           17
## 504      Justin Robinson  Okc      G              23.6            9
## 505    Mitchell Robinson  Nyk    C-F             23.13           31
## 506         Isaiah Roby  Okc      F             23.28           61
## 507         Rajon Rondo  Atl      G 35.229999999999997           27
## 508         Rajon Rondo  Lac      G 35.229999999999997           18
## 509        Derrick Rose  Det      G             32.61           15
## 510        Derrick Rose  Nyk      G             32.61           35
## 511        Terrence Ross  Orl    G-F             30.28           46
## 512         Terry Rozier  Cha      G             27.17           69
## 513          Ricky Rubio  Min      G             30.57           68
## 514      D'Angelo Russell  Min      G             25.23           42
## 515      Domantas Sabonis  Ind    F-C             25.04           62
## 516         Luka Samanic  San      F             21.35           33
## 517      JaKarr Sampson  Ind      F             28.16           29
## 518         Dario Saric  Pho    F-C             27.11           50
## 519      Tomas Satoransky  Chi      G             29.55           58
## 520      Dennis Schroder  Lal      G             27.67           61
## 521           Mike Scott  Phi      F             32.83           51
## 522          Jay Scrubb  Lac      G             20.71            4
## 523        Collin Sexton  Cle      G             22.36           60
## 524       Landry Shamet  Bro      G             24.18           61
## 525      Iman Shumpert  Bro      G             30.89            2
## 526        Pascal Siakam  Tor      F             27.12           56
## 527          Chris Silva  Mia      F             24.66           11
## 528          Chris Silva  Sac      F             24.66            4
## 529          Ben Simmons  Phi    G-F             24.82           58
## 530       Anfernee Simons  Por      G             21.94           64
## 531    Deividas Sirvydis  Det    F-G             20.93           20
## 532      Alen Smailagic  Gol      F             20.74           15
## 533        Marcus Smart  Bos      G              27.2           48
## 534     Dennis Smith Jr.  Nyk      G             23.47            3
## 535     Dennis Smith Jr.  Det      G             23.47           20
## 536           Ish Smith  Was      G             32.86           44
## 537         Jalen Smith  Pho    F-C             21.17           27
## 538          Tony Snell  Atl      G             29.52           47
## 539        Ray Spalding  Hou      F             24.18            2
## 540      Cassius Stanley  Ind      G             21.75           24
## 541       Lamar Stevens  Cle      F             23.86           40
## 542      Isaiah Stewart  Det    F-C 19.989999999999998           68
## 543           Max Strus  Mia    G-F             25.13           39
## 544        Edmond Sumner  Ind      G             25.38           53
## 545       Jae'Sean Tate  Hou      F             25.55           70
## 546        Jayson Tatum  Bos    F-G             23.21           64
## 547         Jeff Teague  Bos      G             32.93           34
## 548         Jeff Teague  Mil      G             32.93           21
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## 549       Garrett Temple  Chi  G-F              35.03    56
## 550        Tyrell Terry  Dal    G              20.63    11
## 551        Daniel Theis  Bos  F-C              29.12    42
## 552        Daniel Theis  Chi    F              29.12    23
## 553       Brodric Thomas  Hou    G               24.3     4
## 554       Brodric Thomas  Cle    G               24.3    28
## 555        Isaiah Thomas  Nor    G 32.270000000000003     3
## 556         Khyri Thomas  Hou    G              25.02     5
## 557          Matt Thomas  Tor    G              26.78    26
## 558          Matt Thomas  Uta    G              26.78    19
## 559      Tristan Thompson  Bos  C-F              30.18    54
## 560    Sindarius Thornwell  Nor    G               26.5    14
## 561    Sindarius Thornwell  Orl    G               26.5     7
## 562      Matisse Thybulle  Phi  G-F               24.2    65
## 563        Killian Tillie  Mem  F-C               23.2    18
## 564       Xavier Tillman  Mem    F              22.34    59
## 565      Anthony Tolliver  Phi    F              35.96    11
## 566           Obi Toppin  Nyk    F               23.2    62
## 567  Juan Toscano-Anderson  Gol    F               28.1    53
## 568          Axel Toupane  Mil  G-F                 20     8
## 569    Karl-Anthony Towns  Min  C-F               25.5    50
## 570        Gary Trent Jr.  Por  G-F              22.33    41
## 571        Gary Trent Jr.  Tor  G-F              22.33    17
## 572          P.J. Tucker  Hou    F              36.03    32
## 573          P.J. Tucker  Mil    F              36.03    20
## 574         Rayjon Tucker  Phi    G              23.64    14
## 575         Myles Turner  Ind  C-F              25.15    47
## 576     Jonas Valanciunas  Mem    C              29.03    62
## 577      Denzel Valentine  Chi    G               27.5    62
## 578      Jarred Vanderbilt  Min    F              22.12    64
## 579       Fred VanVleet  Tor    G              27.22    52
## 580       Anderson Varejao  Cle    F 38.630000000000003     5
## 581        Devin Vassell  San  G-F              20.73    62
## 582         Gabe Vincent  Mia    G              24.92    50
## 583          Noah Vonleh  Bro    F              25.73     4
## 584        Nikola Vucevic  Orl    C              30.56    44
## 585        Nikola Vucevic  Chi    C              30.56    26
## 586           Dean Wade  Cle  F-C              24.49    63
## 587        Moritz Wagner  Was  F-C              24.06    25
## 588        Moritz Wagner  Bos  F-C              24.06     9
## 589        Moritz Wagner  Orl  F-C              24.06    11
## 590      Lonnie Walker IV  San  G-F              22.42    60
## 591         Kemba Walker  Bos    G              31.03    43
## 592           John Wall  Hou    G              30.69    40
## 593       Brad Wanamaker  Gol    G              31.81    39
## 594       Brad Wanamaker  Cha    G              31.81    22
## 595          T.J. Warren  Ind    F               27.7     4
## 596      P.J. Washington  Cha    F              22.73    64
## 597        Yuta Watanabe  Tor  G-F              26.59    50
## 598        Tremont Waters  Bos    G              23.35    26
## 599          Paul Watson  Tor    G              26.38    27
## 600  Quinndary Weatherspoon  San    G              24.68    20
## 601      Russell Westbrook  Was    G              32.51    65
## 602           Coby White  Chi    G              21.25    69
```

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## 603       Derrick White San   G          26.87       36
## 604      Hassan Whiteside Sac   C          31.93       36
## 605      Greg Whittington Den   F          28.27        4
## 606         Andrew Wiggins Gol   F          26.23       71
## 607    Robert Williams III Bos   C-F         23.58       52
## 608         Grant Williams Bos   F          22.46       63
## 609       Kenrich Williams Okc   G-F         26.46       66
## 610          Lou Williams Lac    G 34.549999999999997       42
## 611          Lou Williams Atl    G 34.549999999999997       24
## 612        Zion Williamson Nor   F          20.86       61
## 613       Patrick Williams Chi   F          19.72       71
## 614            D.J. Wilson Mil   F          25.24       12
## 615            D.J. Wilson Hou   F-C         25.24       23
## 616          Dylan Windler Cle   G-F         24.65       31
## 617        Justise Winslow Mem   F-G         25.14       26
## 618        Cassius Winston Was   G          23.21       22
## 619          James Wiseman Gol   C          20.13       39
## 620      Robert Woodard II Sac   F          21.65       13
## 621         Christian Wood Hou   F          25.64       41
## 622            Delon Wright Det   G          29.06       36
## 623            Delon Wright Sac   G          29.06       27
## 624         Thaddeus Young Chi   F           32.9       68
## 625             Trae Young Atl   G          22.66       63
## 626            Cody Zeller Cha   F-C         28.61       48
## 627            Ivica Zubac Lac   C          24.16       72
##                 MPG           Minutes%      Usage_Rate     Turnover rate
## 2              12.1              25.2          19.5              13.5
## 3               2.6               5.4          18.5                 0
## 4              27.7              57.6          11.7              17.7
## 5              33.5              69.7          23.7                15
## 6              25.9                54          22.7                 7
## 7                26              54.3 19.899999999999999              11.8
## 8               3.2               6.6          14.9 18.899999999999999
## 9              21.9              45.6          23.2              12.4
## 10             25.2              52.5          16.8               9.6
## 11             26.6              55.5          15.5              19.3
## 12             30.3              63.1          16.8              13.1
## 13             21.6              44.9          14.3              20.6
## 14             11.2              23.4 9.8000000000000007              19.7
## 15             27.4                57          18.5              10.4
## 16               33              68.7          32.5              13.2
## 17              3.7               7.8          20.8              41.2
## 18 9.6999999999999993 20.100000000000001          15.3              21.3
## 19             24.5                51          23.1               6.7
## 20             27.1              56.4          24.3              14.8
## 21 33.299999999999997 69.400000000000006          19.2              11.8
## 22 10.199999999999999              21.3          13.1               7.4
## 23               28              58.4          15.1               7.5
## 24             19.3              40.1          14.3                14
## 25             20.8              43.4            21              15.1
## 26             23.3              48.5            12                 9
## 27             30.6              63.8          18.2              11.8
## 28              3.8               7.9          12.4              18.3
## 29             25.7              53.6          19.8               5.3
```

```
## 30               25.9                 53.9                 23.5 9.6999999999999993
## 31               28.8                   60                 26.1               16.3
## 32               31.8                 66.2                 20.5               14.5
## 33               15.8 32.799999999999997                 21.9               10.1
## 34               22.3                 46.5 16.100000000000001 10.199999999999999
## 35 36.299999999999997                 75.5                 17.2               11.1
## 36               34.9                 72.7                 23.4               10.5
## 37                 31 64.599999999999994                   19               12.7
## 38 8.1999999999999993                   17                 14.8                8.4
## 39               27.4                 57.1                 11.8               10.8
## 40               18.5                 38.5                 16.2               12.5
## 41 19.899999999999999                 41.5                 16.3 16.100000000000001
## 42               31.2 64.900000000000006                   22               13.7
## 43 35.799999999999997                 74.5                 34.1               10.6
## 44 32.799999999999997 68.400000000000006                   24                8.6
## 45               13.4                   28                 14.2                 13
## 46               14.7                 30.6                 11.3               25.8
## 47 19.100000000000001 39.700000000000003                 14.6               21.6
## 48               25.7                 53.5                 15.9                5.9
## 49               22.5                 46.9                 14.6               12.4
## 50               27.3                 56.8                 18.7                7.3
## 51                3.9 8.1999999999999993 16.899999999999999                 11
## 52               19.8                 41.3                 12.2                8.5
## 53               30.4                 63.3                 15.8                9.9
## 54               12.5                   26                   18                7.1
## 55 20.399999999999999                 42.6                 11.5               19.8
## 56 16.899999999999999 35.200000000000003                 19.3               14.3
## 57               14.2                 29.6                 15.9                9.1
## 58               29.7                   62                 18.5               12.1
## 59 4.4000000000000004 9.1999999999999993                 14.4                 20
## 60               30.8 64.099999999999994                 22.8               10.9
## 61               29.7                 61.8                 21.3                8.5
## 62                  5                 10.4                 21.2               16.8
## 63                4.8                  9.9                   13               23.5
## 64                 14                 29.2                 12.6                5.3
## 65               10.8                 22.5 10.199999999999999               20.7
## 66               33.9 70.599999999999994 32.700000000000003               12.4
## 67               24.2                 50.4                 20.6                6.7
## 68                2.8                  5.9                 13.4                  0
## 69               21.1                 43.9 16.899999999999999               11.4
## 70                 23                 47.9                 13.8                 15
## 71               14.4                 29.9                 12.8                  7
## 72                 18                 37.5                   18                 16
## 73 4.9000000000000004                 10.3                   19               13.1
## 74                1.8                  3.7 18.100000000000001 34.700000000000003
## 75                7.9                 16.5                 16.3                  0
## 76               29.2                 60.9 17.600000000000001               11.5
## 77               29.3                   61                 17.3               13.6
## 78               32.6 67.900000000000006                 14.9                7.4
## 79                5.9                 12.2 19.399999999999999                 30
## 80               24.7                 51.5                 15.6                5.3
## 81               34.5                 71.8                 25.9 9.8000000000000007
## 82                 26                 54.2 17.899999999999999                 10
## 83               29.8                 62.1                 26.1                9.6
```

```
## 84   16.899999999999999                    35.1           14.9             11.2
## 85              13.7           28.5 16.100000000000001      14.3
## 86              18.2           37.9           11.5                8
## 87              22.3           46.5           15.9 10.199999999999999
## 88              34.5           71.8           29.7             11.5
## 89              21.4           44.6             17             11.7
## 90              24.1           50.2           13.5             10.5
## 91                25             52           20.2             10.3
## 92              31.6           65.8           24.3             21.8
## 93              27.1           56.4           17.2 9.8000000000000007
## 94                30           62.5           14.4              7.1
## 95              14.7           30.6 19.899999999999999                8
## 96              25.6           53.3           21.4 8.1999999999999993
## 97              33.6 69.900000000000006           26.6             10.6
## 98               6.1           12.6           25.6             18.3
## 99   4.9000000000000004 10.199999999999999 16.899999999999999      10.6
## 100             28.4           59.1           14.2             10.9
## 101             21.9           45.7           13.1 17.100000000000001
## 102              6.9           14.3           14.4             15.1
## 103 9.3000000000000007           19.3           19.2                6
## 104             30.1           62.8 19.899999999999999              8.4
## 105                6           12.6           17.2             10.9
## 106             24.7           51.5           19.2               14
## 107             26.5           55.3           19.5               11
## 108             11.9           24.9             15              6.6
## 109             25.8           53.7           20.2 18.399999999999999
## 110               21           43.7           14.8             18.3
## 111 17.100000000000001           35.6             12             11.8
## 112             10.6             22           20.9             14.4
## 113             13.4           27.8           28.4             11.3
## 114               24             50           17.3              5.7
## 115             18.2           37.9           10.3             11.2
## 116              2.1            4.3              0             <NA>
## 117              6.4           13.3            3.4                0
## 118             26.7           55.7           29.8 9.1999999999999993
## 119 18.600000000000001 38.700000000000003             14              9.4
## 120                9           18.7           15.1             11.1
## 121             29.3           61.1           22.2              8.9
## 122             29.4           61.2           23.1             12.4
## 123             22.8           47.5           11.6              7.5
## 124              3.9            8.1           21.8              9.6
## 125             13.6           28.4           21.6              8.5
## 126              4.2            8.6           10.5               25
## 127               15           31.3           14.2             15.4
## 128             20.2           42.2           23.1             14.2
## 129             12.9           26.9           27.8             19.3
## 130               32           66.8           11.5             10.7
## 131             11.2           23.3           10.8              9.6
## 132             18.8 39.200000000000003           15.5              9.5
## 133             27.5           57.2           15.7              9.5
## 134             14.7           30.6           18.2             12.9
## 135             28.7           59.9 17.100000000000001               10
## 136 34.200000000000003 71.099999999999994 34.799999999999997      12.2
## 137              3.7            7.8           15.4             10.7
```

```
## 138 32.299999999999997                    67.2                 29.2                  9.5
## 139                 13                     27.1                  7.9                 12.4
## 140               14.5                     30.2                 21.6                 11.7
## 141               21.5                     44.8                   22                 11.5
## 142               21.2                     44.1 16.600000000000001                   7.3
## 143               13.2                     27.4                 19.3                 14.5
## 144               17.2                     35.9                 12.4                  9.4
## 145 33.700000000000003                    70.2                 26.1 9.6999999999999993
## 146               10.1                       21                 14.6                  6.1
## 147               23.8                     49.5                 22.5                 12.1
## 148               23.3                     48.5                 21.6                 11.7
## 149 16.899999999999999 35.200000000000003 16.899999999999999                 14.8
## 150               11.3                     23.6 18.100000000000001                 13.2
## 151               21.4                     44.7                   16                 21.2
## 152               27.5                     57.3                 16.7                 12.7
## 153 34.299999999999997 71.400000000000006                        36                 15.3
## 154               29.7                     61.8                 21.7                   10
## 155               19.7                     41.1 16.899999999999999                   12
## 156 4.5999999999999996                      9.5 18.100000000000001                    0
## 157               15.5 32.299999999999997                       17.8                 12.4
## 158               21.8                     45.4                 17.2                 10.9
## 159               26.7                     55.7                 24.5 16.399999999999999
## 160               28.9                     60.2                 31.3                 15.6
## 161               24.8                     51.6                 22.5                   16
## 162                6.7                       14                  5.9                 18.2
## 163               11.4                     23.6 16.100000000000001 17.899999999999999
## 164               33.1 68.900000000000006                       31.2                 14.5
## 165               32.1                       67                   27                 10.8
## 166                8.9                     18.5                 19.3                  5.7
## 167                6.4                     13.4 17.399999999999999                  6.4
## 168               19.2                       40                 17.7                    0
## 169                 22                     45.8                 16.7                  8.5
## 170               31.1                     64.8 35.299999999999997                 12.2
## 171               24.1                     50.1                 13.9                 11.6
## 172                 14                     29.1 17.100000000000001                 15.2
## 173 19.399999999999999 40.299999999999997                       12.7                 20.7
## 174                7.5                     15.7                 13.2                 14.4
## 175               15.3                     31.8                   13                 11.5
## 176 4.5999999999999996 9.6999999999999993                       12.5 16.600000000000001
## 177                3.8                      7.9                  9.6                 36.4
## 178                6.8                     14.3                 14.4                 28.1
## 179               20.3                     42.2                 26.8                 12.1
## 180               12.1                     25.1 17.899999999999999                    0
## 181                 32                     66.7                 12.3                    9
## 182                3.6                      7.5                 12.3                    0
## 183               19.7                     41.1                   19                 10.5
## 184               19.3 40.299999999999997                       18.5                  7.3
## 185               10.1                       21                 14.3                 20.9
## 186               30.3                       63                 26.2                 11.3
## 187               29.5                     61.5                   18                  9.6
## 188               35.1 73.099999999999994                        31                 11.9
## 189               14.4                       30                 15.3                  5.6
## 190               12.4                     25.8                 18.2                   15
## 191               26.9                       56                 26.2                 13.8
```

```
## 192             11.5               23.9               14.4               18.2
## 193             12.4               25.8               14.4               17.3
## 194             17.8                 37 18.899999999999999 10.199999999999999
## 195               24               49.9               21.2                7.2
## 196             10.9               22.8               17.3                7.6
## 197             33.1 69.099999999999994               24.9                 16
## 198 19.100000000000001 39.799999999999997               11.8               19.7
## 199             21.5               44.9               23.6 8.8000000000000007
## 200 33.700000000000003               70.3                 30               14.5
## 201             20.8               43.3 9.6999999999999993               10.8
## 202 9.1999999999999993 19.100000000000001               15.9               15.5
## 203 33.700000000000003               70.2               27.8               13.7
## 204              8.4               17.5               14.2               10.7
## 205 19.600000000000001 40.799999999999997               12.2               10.9
## 206             30.8               64.2                 17               13.7
## 207             13.2               27.5               19.5                 13
## 208             29.4               61.3               23.9               16.5
## 209             25.9                 54 17.100000000000001               11.4
## 210             29.2               60.9               25.2               10.9
## 211             30.2               62.8               21.4 10.199999999999999
## 212             33.9 70.599999999999994               28.5                9.1
## 213               28               58.4                 14               10.5
## 214             31.5               65.5               13.1                 31
## 215             19.3 40.200000000000003 17.600000000000001               11.7
## 216             13.8               28.8               12.1               13.4
## 217                8               16.7                 14               14.5
## 218               27               56.2               15.6 8.1999999999999993
## 219             11.4               23.8               11.9               14.2
## 220             31.3               65.2 19.600000000000001               11.4
## 221             21.5               44.9 18.899999999999999               12.3
## 222              7.6               15.8               19.7 10.199999999999999
## 223             31.5               65.7 18.100000000000001                8.6
## 224              2.1                4.3 10.199999999999999                100
## 225             30.1               62.7 18.100000000000001               12.5
## 226             13.8               28.7                 14               13.8
## 227               16 33.299999999999997 18.100000000000001 17.399999999999999
## 228 9.3000000000000007 19.399999999999999               14.3               14.4
## 229             25.2               52.5               21.5               12.9
## 230             28.4               59.1               23.4                6.1
## 231 36.299999999999997               75.5               28.7 17.399999999999999
## 232             36.6               76.3               28.4               16.7
## 233             11.2               23.4                6.2               17.8
## 234             24.9                 52               12.6               10.5
## 235                2                4.2               24.1 34.200000000000003
## 236             22.9               47.7               21.7                9.4
## 237             30.6               63.8               13.7                7.6
## 238             24.9                 52               20.2                9.9
## 239             13.2               27.6               22.6               15.6
## 240               31               64.7               16.2                7.8
## 241              3.3                6.8               21.4 18.100000000000001
## 242             16.3               33.9               11.2                8.4
## 243             32.5               67.7               23.9                9.5
## 244              9.1 18.899999999999999               18.7                 18
## 245 17.899999999999999 37.299999999999997               19.7               17.8
```

```
## 246               28.7               59.8               13.5               11.8
## 247                2.7                5.6               33.4                  0
## 248 16.100000000000001               33.5               16.2               10.5
## 249               25.8               53.7                 19               28.5
## 250                 34               70.8               23.9                 11
## 251               17.3               36.1               17.2                7.3
## 252                 18               37.5                 17                9.9
## 253               30.3               63.1               23.5               11.9
## 254 34.299999999999997 71.400000000000006               20.7               11.1
## 255               26.3               54.9               16.5                8.4
## 256 18.899999999999999               39.5               15.2               17.8
## 257               21.3               44.4               10.3               11.7
## 258 4.400000000000004 9.300000000000007               24.3 9.6999999999999993
## 259               16.8                 35               16.3               13.8
## 260               17.8               37.1               19.5               12.3
## 261 32.299999999999997               67.3               22.2               12.6
## 262               30.3               63.2                 14                7.5
## 263 9.800000000000007               20.3               10.8                7.4
## 264               29.2               60.8               17.5               10.3
## 265 19.100000000000001 39.799999999999997               14.1               13.1
## 266               12.7               26.5               14.2                  7
## 267               27.9               58.2               21.6                7.3
## 268 20.100000000000001               41.8               21.7               16.3
## 269               25.9                 54               15.3               10.7
## 270               17.3               36.1               18.3               22.1
## 271                5.5               11.5               27.2               14.1
## 272               30.8               64.2               17.2                9.4
## 273                3.5                7.4               25.6               15.9
## 274               29.5               61.4               20.2 9.1999999999999993
## 275                9.1 18.899999999999999               16.3               20.9
## 276               15.7 32.700000000000003 16.100000000000001               13.6
## 277               23.3               48.5 20.100000000000001 10.199999999999999
## 278               21.3               44.3               11.2               20.2
## 279 8.6999999999999993 18.100000000000001               18.8               12.5
## 280               27.9                 58 16.600000000000001               16.3
## 281 34.299999999999997               71.5                 28                 11
## 282               34.9               72.8               30.3 9.800000000000007
## 283               12.5               26.1                9.9                9.4
## 284                 14               29.1               11.8 18.399999999999999
## 285               23.5               48.9               25.9                9.5
## 286               18.5               38.4               21.4 9.6999999999999993
## 287               25.2               52.4               26.5                 15
## 288               16.5               34.4               20.2                 12
## 289               32.6 67.900000000000006                 14 9.1999999999999993
## 290                 23                 48                 20               10.6
## 291                8.6                 18               19.7               10.6
## 292               33.4 69.599999999999994               31.9               15.2
## 293               18.2 37.799999999999997               22.9 16.100000000000001
## 294               12.9               26.8               12.6               11.8
## 295 20.100000000000001               41.8               11.3                8.6
## 296               23.9               49.7               18.8               13.5
## 297 9.300000000000007               19.5 17.399999999999999                7.1
## 298               10.5               21.8 19.100000000000001               10.9
## 299                 24               49.9                 17                7.3
```

```
## 300 17.399999999999999 36.200000000000003                    16.2                 14.6
## 301                24.5                    51                      18                 12.1
## 302                28.5                  59.4                    19.2                    9
## 303                16.5 34.299999999999997                    13.4 17.399999999999999
## 304                17.5                  36.5                    13.4                  8.1
## 305                34.6                    72                    29.6                 13.1
## 306                22.7                  47.3                    12.3                  8.5
## 307                 6.7                  13.9                    12.8                 22.4
## 308                  14                  29.1                    10.6                 18.3
## 309                  20                  41.7                    12.7                 14.9
## 310                11.8                  24.6                    23.1                 16.8
## 311                 4.5                   9.4                    20.7                  7.6
## 312                 7.3                  15.1 16.100000000000001                 13.1
## 313                17.5                  36.4 16.600000000000001                   10
## 314                21.9                  45.5                    13.2                 22.6
## 315                21.5                  44.7                    14.3                   14
## 316                26.4                    55                    19.8                 14.9
## 317 4.0999999999999996                   8.5                    19.2                 14.8
## 318                11.6                  24.2 16.899999999999999                 12.5
## 319                15.2                  31.7                      19                  7.2
## 320                24.4                  50.8 17.399999999999999                   11
## 321 19.600000000000001 40.799999999999997 17.100000000000001                 10.1
## 322                14.2                  29.6                    20.5 9.8000000000000007
## 323                26.8                  55.9                    10.6 9.3000000000000007
## 324                 8.4 17.600000000000001                    21.6                 10.9
## 325                11.1                    23                    16.2                 10.1
## 326                13.4                  27.9                    12.4                 10.6
## 327                19.3 40.200000000000003                    20.5                  9.1
## 328                 7.2                    15                    13.8                  3.4
## 329                14.1                  29.4                    13.7                  7.4
## 330                 3.2                   6.6 8.3000000000000007                    0
## 331                 6.8                  14.2                    17.5                 29.1
## 332                 6.7                    14                      16                 31.1
## 333                28.7                  59.9                    20.3                 12.4
## 334                17.3                    36                      15                   13
## 335                21.3                  44.3 18.399999999999999                  6.6
## 336                15.7 32.700000000000003                    11.3                 13.5
## 337                35.1                    73                    31.1                 13.9
## 338                13.9                    29                    15.1                 11.5
## 339 5.0999999999999996                  10.5                    15.7                 15.5
## 340                   3                   6.3 36.299999999999997                    0
## 341 18.899999999999999                  39.4                    12.8 9.3000000000000007
## 342                16.3                  33.9                      17 18.100000000000001
## 343                10.8                  22.6                    11.8 38.799999999999997
## 344                15.8                    33                    16.7                 12.9
## 345                34.1                    71                    28.6 9.1999999999999993
## 346 9.8000000000000007 20.399999999999999                    15.2                 20.2
## 347                27.8                  57.9                    31.5                 10.8
## 348                32.9 68.599999999999994                    27.9                 10.1
## 349                16.7                  34.9                    18.3                  8.6
## 350 35.799999999999997 74.599999999999994                    31.4                 11.6
## 351                13.3                  27.8                    13.8 8.8000000000000007
## 352                  19                  39.6                     9.4                 14.5
## 353                27.2                  56.6 16.899999999999999 8.3000000000000007
```

```
## 354 19.100000000000001 39.700000000000003 17.100000000000001                    13.4
## 355               18.8               39.1               11.9                    18.8
## 356               24.9               51.9               21.9                    12.2
## 357 34.799999999999997               72.5               21.4                    15.9
## 358 18.100000000000001 37.700000000000003 17.399999999999999                    10.3
## 359               15.6               32.4               12.9                     5.7
## 360                3.3                6.9               25.5                      50
## 361                9.6 19.899999999999999               14.7                    11.6
## 362               27.3                 57 19.399999999999999                    17.3
## 363 8.800000000000007 18.399999999999999                8.9                    16.5
## 364               12.1               25.3               18.5                    20.3
## 365 18.899999999999999 39.299999999999997               15.1 9.300000000000007
## 366 8.199999999999993 17.100000000000001               24.6                       8
## 367               25.8               53.8               20.2                     8.5
## 368               21.9               45.6               16.8                    13.6
## 369               23.7               49.4               15.7 9.699999999999999
## 370               15.4 32.200000000000003               16.7                    10.4
## 371               16.3                 34               12.5                    16.2
## 372                8.4 17.399999999999999               23.9                    14.6
## 373 9.199999999999993               19.2               20.9                    10.1
## 374               19.8               41.3               17.5                    15.6
## 375               16.2 33.799999999999997               11.5                     3.5
## 376               15.4 32.200000000000003                 18                     1.9
## 377               19.5               40.6               11.4 8.800000000000007
## 378               15.3                 32                 23 8.199999999999993
## 379 8.199999999999993                 17 19.100000000000001                     7.6
## 380                6.7               13.9                  3                       0
## 381                 34 70.900000000000006               27.1                     6.4
## 382                 26               54.2               15.3                    20.9
## 383               19.2               40.1                 17                    12.6
## 384                 24                 50                 12                    10.8
## 385               24.5               51.1                 20                       7
## 386 8.800000000000007               18.3               10.9                     9.9
## 387               15.2               31.8               24.6                    15.8
## 388               13.5               28.1               21.7                    17.2
## 389               12.1               25.2               18.2 8.699999999999999
## 390                6.6               13.8 17.899999999999999                     4.7
## 391 18.399999999999999 38.299999999999997               13.7                    16.7
## 392               16.8                 35               21.1                    10.5
## 393               17.5               36.5               19.5                     9.1
## 394                 11               22.9                 12                    10.1
## 395               14.1               29.4               12.9                     5.3
## 396 20.100000000000001               41.9               19.5                    13.7
## 397                7.8               16.2               15.1                    11.9
## 398               13.6               28.2                 20                    12.8
## 399               33.4               69.5                 25                    13.1
## 400               10.9               22.8               13.2                    13.1
## 401               20.8               43.2 18.600000000000001                    10.3
## 402               24.8               51.6 18.399999999999999                     9.1
## 403               23.2               48.3                 25                    12.2
## 404               33.4 69.599999999999994               33.5                    10.7
## 405                  4                8.4 18.899999999999999                    20.5
## 406               20.9               43.6               23.8                    11.3
## 407               14.4                 30               17.2                    15.3
```

```
## 408               32.6 67.900000000000006                27.2               15.3
## 409 5.0999999999999996               10.6                10.9               10.8
## 410               26.3               54.9 20.100000000000001                8.4
## 411               19.7                 41               16.5               11.9
## 412               25.5                 53               16.5                7.5
## 413               12.8               26.6               16.2                5.5
## 414               31.9               66.5               23.4 10.199999999999999
## 415               35.5 73.900000000000006                24.7               11.1
## 416 18.399999999999999               38.4                 20                6.9
## 417 17.600000000000001 36.700000000000003                 19               14.2
## 418                 23               47.9                 21               14.4
## 419               14.8               30.8                 19               12.6
## 420               31.2                 65               13.9               15.8
## 421               14.5               30.3               13.7               10.8
## 422               21.9               45.7               15.9                9.9
## 423                 16               33.4 17.399999999999999               10.9
## 424                9.5               19.8               12.8                6.1
## 425               24.2               50.3 9.1999999999999993               20.3
## 426 18.100000000000001               37.6               21.4                7.2
## 427 9.8000000000000007               20.3               13.6               11.2
## 428                5.3               11.1                 14               12.6
## 429               29.5               61.4               20.9               10.5
## 430               23.8               49.6               22.3                 16
## 431               22.6               47.1               16.5                6.4
## 432                9.1                 19                 26               14.1
## 433                 17 35.299999999999997                11.6 8.1999999999999993
## 434               12.9               26.8               16.7               15.8
## 435               25.2               52.4               14.5                 10
## 436               20.3               42.3               12.1               12.5
## 437                 12               25.1               14.7               14.3
## 438               32.4 67.599999999999994                14.3                 12
## 439               12.1               25.2               11.9               12.8
## 440 33.299999999999997               69.3               26.5 9.6999999999999993
## 441               33.5               69.7               29.8               10.9
## 442               27.8               57.9               26.3               21.6
## 443               21.9               45.5 18.399999999999999                7.9
## 444               26.9                 56               17.5               12.3
## 445               31.1               64.8               22.9               15.7
## 446               31.6               65.7                9.6               16.7
## 447                9.6                 20 9.8000000000000007               13.6
## 448               25.6               53.3 20.399999999999999               11.3
## 449                5.4               11.2               18.3               13.6
## 450               30.7               63.9               22.1                  8
## 451                9.1                 19               15.8                 30
## 452               13.8               28.8 18.899999999999999               11.5
## 453 17.399999999999999 36.200000000000003                23.5               11.2
## 454                6.3               13.1               39.4               83.3
## 455               15.3               31.9                 14                  6
## 456                 19               39.5               13.1                5.3
## 457               31.4               65.5               22.6                 14
## 458                 18               37.5               19.8               12.5
## 459                  4                8.4               16.7                6.3
## 460               23.6               49.1               23.2               13.3
## 461 9.3000000000000007               19.3               15.7                 30
```

```
## 462                  3.8                  7.9                 31.3                  0
## 463                  5.8                   12                  6.8                  0
## 464                  8.1 16.899999999999999 20.399999999999999               15.2
## 465                    2                  4.2                 13.1                 10
## 466                 26.8                 55.8                 16.3               18.8
## 467                 26.7                 55.7                 13.4               14.8
## 468                  3.9                  8.1 19.399999999999999                 17
## 469                 24.2                 50.5                 20.5               18.8
## 470 19.399999999999999                 40.4                   25 8.8000000000000007
## 471                 32.1 66.900000000000006                 25.4               18.2
## 472                 31.3                 65.3                 21.8 8.1999999999999993
## 473                 21.6                   45                 19.5               10.3
## 474                 22.2                 46.2                 17.7                  0
## 475 4.9000000000000004 10.199999999999999 18.899999999999999               28.9
## 476                 20.8                 43.3                   21                8.1
## 477                 30.9                 64.3                 26.5                6.4
## 478 16.600000000000001 34.700000000000003                 13.2               13.9
## 479                 30.4                 63.4                 24.2               10.8
## 480                 34.4 71.599999999999994                 20.5 9.6999999999999993
## 481                 18.2 37.799999999999997 19.399999999999999               11.4
## 482                 23.7                 49.4                 19.7               11.6
## 483                 19.2                   40                 16.7               10.8
## 484 19.399999999999999                 40.5                 25.6                8.1
## 485                  7.3                 15.1                 19.7                6.9
## 486 20.399999999999999                 42.5                 15.7               15.1
## 487                 37.6                 78.2                 29.3               13.7
## 488                 28.9                 60.1                 19.3 10.199999999999999
## 489 18.600000000000001 38.799999999999997 18.899999999999999                9.6
## 490                 11.3                 23.5 19.899999999999999 16.600000000000001
## 491                  6.8                 14.2                 22.7               12.8
## 492                 19.2                 40.1                 22.5                9.5
## 493                  2.1                  4.3                   14                  0
## 494                 17.2 35.700000000000003                 19.8                  0
## 495                  3.5                  7.2                 11.6               17.8
## 496                 30.3                 63.2 18.399999999999999               10.6
## 497                  3.9                  8.1                 20.6                7.7
## 498                 21.1                 43.9                 16.5               13.5
## 499                 26.9                   56                 14.2               10.6
## 500                 12.6                 26.2                 11.7               11.8
## 501 16.100000000000001                 33.5                   14 9.1999999999999993
## 502                 31.4 65.400000000000006 16.600000000000001 9.6999999999999993
## 503 17.899999999999999                 37.4                 16.7               15.5
## 504 9.8000000000000007                 20.3                 12.2                7.9
## 505                 27.5                 57.3                 11.8               11.5
## 506                 23.4                 48.7                 17.7                 19
## 507                 14.9                   31                 16.2                 26
## 508 20.399999999999999                 42.6                 18.3               26.4
## 509                 22.8                 47.4                 30.1               12.3
## 510                 26.8                 55.8                 24.3                9.6
## 511                 29.3                   61                 24.1 9.6999999999999993
## 512                 34.5                   72                 24.4                9.5
## 513                 26.1                 54.3                   16 16.399999999999999
## 514                 28.5                 59.3                 29.1               13.5
## 515                   36                   75                 24.1 16.899999999999999
```

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```
## 516 9.3000000000000007                 19.5 19.399999999999999                 14.5
## 517                 10.9                 22.7 18.899999999999999                 10.7
## 518 17.399999999999999 36.299999999999997                 22.6                 12.9
## 519                 22.5                 46.9                 15.2                 20.9
## 520                 32.1                 66.8                 22.9                 15.8
## 521                 16.7 34.799999999999997                 11.9                  8.1
## 522                 21.1                 43.9                 23.8                 15.5
## 523 35.299999999999997 73.400000000000006                 29.7                 11.6
## 524                   23                 47.9                 16.7                  8.9
## 525                  5.5                 11.5                 19.8                   20
## 526 35.799999999999997 74.599999999999994                 26.4                 10.6
## 527                  7.5                 15.7                 15.6                 31.5
## 528                  2.4 4.9000000000000004 18.100000000000001                   25
## 529                 32.4 67.400000000000006                 20.2 19.600000000000001
## 530                 17.3                   36                 18.3 9.1999999999999993
## 531                  6.7                 13.9                 15.6                 10.5
## 532                  5.6                 11.6                 17.7                 14.4
## 533                 32.9 68.599999999999994 18.399999999999999                 14.2
## 534 9.1999999999999993                 19.2                   22                  7.3
## 535 19.600000000000001                 40.9                 18.8                 14.8
## 536                   21                 43.7                 15.8                 11.6
## 537                  5.8                   12                 17.2                 11.7
## 538                 21.1                   44                  8.6                 10.7
## 539                  9.4                 19.5 17.899999999999999                 38.1
## 540                  3.9                  8.1                 21.9                  2.1
## 541                 12.5                   26                 15.9                 12.7
## 542                 21.4                 44.6                 15.5                   13
## 543                   13                 27.1                 18.3                  3.9
## 544                 16.2                 33.9                 18.3                 13.8
## 545                 29.2                 60.8 16.399999999999999                 12.5
## 546 35.799999999999997                 74.5                 30.8                 10.4
## 547 18.100000000000001 37.799999999999997                 17.7                 15.4
## 548                 15.9                 33.1                 17.5 17.899999999999999
## 549                 27.3                 56.9                   13                 12.4
## 550 5.0999999999999996                 10.7                 15.2                 10.4
## 551                 24.5                 50.9                   15                 11.4
## 552                 24.9                   52                 16.8                 11.3
## 553                  6.1                 12.6                 24.7                 28.4
## 554                 13.4                 27.9                 15.8                 13.2
## 555 16.100000000000001                 33.5                 29.5                 17.7
## 556                 30.6                 63.7                 21.1                  7.9
## 557                  7.4                 15.4                   16                  8.4
## 558                  7.1                 14.7                 24.4                 10.5
## 559                 23.8                 49.6                 14.8                 14.1
## 560                  5.2                 10.9                 14.8                 15.5
## 561                 20.5                 42.7 9.1999999999999993 9.8000000000000007
## 562                   20                 41.6                  9.4                 11.3
## 563                 10.1                   21                 14.8                  3.1
## 564 18.399999999999999 38.299999999999997                 14.3                 12.3
## 565                    9                 18.8 9.8000000000000007                 13.3
## 566                   11                   23                 15.9                  9.4
## 567                 20.9                 43.5                   11                 21.8
## 568                  7.7                 15.9                  9.6                    0
## 569 33.799999999999997 70.400000000000006                 29.1                 13.7
```

```
## 570                30.8 64.099999999999994 20.100000000000001                        5.3
## 571                31.8                66.2                22.9                        4.2
## 572                  30                62.4                 7.7                         19
## 573                19.8                41.3                 5.8                       12.7
## 574 4.9000000000000004                10.1                19.2                       13.2
## 575                  31                64.5 16.399999999999999                       11.9
## 576                28.3                  59                22.4                       10.7
## 577                16.7 34.799999999999997                19.5                          9
## 578                17.8                37.1                12.3                       15.9
## 579                36.5 76.099999999999994                23.9                        9.1
## 580                 7.2                  15                25.4                        4.8
## 581                  17                35.5                14.3                        6.3
## 582                13.1                27.3 19.100000000000001                       12.3
## 583                 2.7                 5.6                20.2                         40
## 584                34.1                  71                29.9                          8
## 585                32.6 67.900000000000006                28.2                        7.8
## 586                19.2                40.1                12.9                        8.4
## 587                  15                31.3                18.3                       12.7
## 588                 6.8                14.1 16.899999999999999 37.700000000000003
## 589                  26                54.1                18.2                       10.8
## 590                25.4                52.8                20.2 9.1999999999999993
## 591                31.8                66.3                26.1                       10.6
## 592 32.200000000000003 67.099999999999994                31.7                       14.7
## 593                  16                33.4                  16                       15.8
## 594                19.5                40.5 18.100000000000001 18.899999999999999
## 595                29.4                61.1                21.5                        6.7
## 596                30.5                63.6 19.399999999999999                       14.6
## 597                14.5                30.1                12.7                          9
## 598                 9.1                  19                21.5                       22.8
## 599                  11                22.9                13.8                        9.5
## 600                 6.1                12.6                18.7                       19.2
## 601                36.4 75.900000000000006                30.3                         18
## 602                31.2 65.099999999999994                22.5                       13.9
## 603                29.5                61.6                22.4 8.1999999999999993
## 604                15.2                31.6                23.5                       13.4
## 605                   3                 6.3                10.9                          0
## 606 33.299999999999997 69.400000000000006                23.3 9.6999999999999993
## 607 18.899999999999999                39.5                  15                       15.2
## 608 18.100000000000001                37.6                12.3                       17.2
## 609                21.6                  45                15.3                       14.8
## 610                21.9                45.5                26.5                         12
## 611                21.1                43.9                24.3                       14.6
## 612 33.200000000000003                69.2                29.8                       11.6
## 613                27.9                58.2                14.9                       14.4
## 614 8.6999999999999993                18.2                19.2                        8.4
## 615                14.3                29.7 19.899999999999999                       11.8
## 616                16.5                34.5                14.9                       18.3
## 617                19.5                40.6                21.9                       14.1
## 618                 4.5 9.3000000000000007 17.100000000000001                       12.3
## 619                21.4                44.7                23.8                       12.9
## 620                 3.5                 7.3                23.2 4.0999999999999996
## 621 32.299999999999997 67.400000000000006                25.9                        9.9
## 622                29.2                60.9                15.8                       12.6
## 623                25.8                53.7 17.100000000000001                       12.7
```

```
## 624                24.3            50.6          22.3             16
## 625 33.700000000000003            70.3            33           16.2
## 626                20.9            43.6          18.3           11.9
## 627                22.3            46.5          15.2           14.7
##     free throws attempted       Free throw% 2-point field goals attempted
## 2                     110 0.50900000000000001                          227
## 3                       0                   0                            6
## 4                     135 0.44400000000000001                          305
## 5                     354 0.79900000000000004                          792
## 6                      37 0.83799999999999997                          173
## 7                      10                   1                           43
## 8                       2                 0.5                            3
## 9                      66 0.72699999999999998                          239
## 10                     91 0.86799999999999999                          140
## 11                     61               0.754                           65
## 12                    229                0.69                          398
## 13                     17 0.82399999999999995                           58
## 14                      5                 0.8                            4
## 15                    184 0.78300000000000003                          397
## 16                    581 0.68500000000000005                          879
## 17                     13 0.46200000000000002                           10
## 18                     49                0.51                          108
## 19                    156 0.89100000000000001                          452
## 20                    131 0.83199999999999996                          380
## 21                    102 0.78400000000000003                          257
## 22                     20                0.65                           50
## 23                     44 0.77300000000000002                           98
## 24                     40                 0.9                           63
## 25                     54 0.90700000000000003                           63
## 26                     45 0.64400000000000002                          144
## 27                    173 0.76900000000000002                          667
## 28                     10                 0.8                            9
## 29                    176 0.82399999999999995                          519
## 30                    134 0.57499999999999996                          382
## 31                    165 0.75800000000000001                          411
## 32                     64 0.78100000000000003                          245
## 33                     66 0.68200000000000005                          183
## 34                     49 0.81599999999999995                          228
## 35                    235                0.83                          386
## 36                    276               0.746                          750
## 37                    121 0.78500000000000003                          351
## 38                     21 0.66700000000000004                           50
## 39                     58 0.82799999999999996                          141
## 40                     41 0.70699999999999996                          200
## 41                     78 0.69199999999999995                          208
## 42                    178 0.70199999999999996                          404
## 43                    459 0.88900000000000001                         1009
## 44                     80                0.85                          279
## 45                      0                   0                           18
## 46                      2                 0.5                            2
## 47                     66 0.68200000000000005                          175
## 48                    115                0.87                           50
## 49                     45                 0.8                           79
## 50                    147 0.84399999999999997                          232
```

```
## 51             5                 0.6                  18
## 52            85 0.74099999999999999             188
## 53            44 0.63600000000000001             140
## 54            61 0.73799999999999999             115
## 55           105 0.44800000000000001             241
## 56            42 0.76200000000000001              92
## 57             9 0.55600000000000005              19
## 58           195 0.68700000000000006             376
## 59             0                   0              12
## 60           265               0.879             464
## 61            44 0.90900000000000003             232
## 62            15 0.66700000000000004              34
## 63             8               0.625               3
## 64             0                   0              22
## 65             8               0.625              34
## 66           392 0.86699999999999999             916
## 67           193 0.78800000000000003             325
## 68             1                   1               3
## 69             9 0.77800000000000002              28
## 70             6 0.83299999999999996              42
## 71            11 0.63600000000000001              74
## 72            44 0.70499999999999996             120
## 73             2                   1              24
## 74             2                   1               1
## 75             0                   0               2
## 76            12 0.66700000000000004              52
## 77           113 0.86699999999999999             332
## 78           131                0.84             353
## 79             3                   1               8
## 80            65 0.76900000000000002              73
## 81           177 0.86399999999999999             606
## 82            12 0.58299999999999996              35
## 83           195 0.81499999999999995             659
## 84            10                 0.9              22
## 85            15 0.66700000000000004              43
## 86             6 0.83299999999999996              31
## 87           117 0.73499999999999999             364
## 88           250 0.76400000000000001             701
## 89           126 0.61899999999999999             269
## 90            31 0.80600000000000005             119
## 91           151 0.79500000000000004             427
## 92             3                   1               8
## 93            24 0.66700000000000004              70
## 94            55 0.90900000000000003             163
## 95            57 0.89500000000000002             189
## 96           118 0.85599999999999998             254
## 97           416 0.86299999999999999             634
## 98             2                 0.5              12
## 99            11 0.45500000000000002              29
## 100          112 0.86599999999999999             211
## 101           91               0.879              99
## 102           13 0.76900000000000002              40
## 103            7 0.85699999999999998              12
## 104          227 0.57299999999999995             696
```

```
## 105           11 0.81799999999999995                 29
## 106          111 0.73899999999999999                230
## 107           68 0.72099999999999997                176
## 108            7 0.57099999999999995                 72
## 109           80 0.61299999999999999                209
## 110           76 0.64500000000000002                168
## 111           78                0.628                171
## 112           17 0.76500000000000001                 46
## 113            4                  0.5                  9
## 114          113                 0.69                418
## 115           10                  0.8                 23
## 116            0                    0                  0
## 117            0                    0                  1
## 118          144 0.89600000000000002                476
## 119           64 0.48399999999999999                140
## 120           38 0.71099999999999997                 47
## 121          204 0.83299999999999996                563
## 122          142 0.85199999999999998                305
## 123           40 0.77500000000000002                115
## 124            5                  0.8                 13
## 125            3                    1                 29
## 126            0                    0                  3
## 127           35 0.48599999999999999                 98
## 128           59                0.746                 94
## 129           22 0.68200000000000005                 76
## 130           62 0.80600000000000005                153
## 131            2                  0.5                 24
## 132           20                  0.8                 97
## 133           75                 0.76                112
## 134           48 0.60399999999999998                115
## 135           77 0.89600000000000002                272
## 136          395 0.91600000000000004                564
## 137            3                    1                  0
## 138          214 0.73799999999999999                513
## 139           12 0.83299999999999996                 44
## 140           18 0.88900000000000001                 88
## 141           37 0.78400000000000003                101
## 142           22 0.81799999999999995                 52
## 143           27 0.74099999999999999                 60
## 144            4                    1                 31
## 145          440                 0.88                846
## 146           14 0.78600000000000003                 32
## 147          132                0.629                256
## 148           68 0.66200000000000003                132
## 149           43 0.88400000000000001                 60
## 150           24 0.83299999999999996                 33
## 151            6                    1                  9
## 152           71 0.71799999999999997                257
## 153          471                 0.73                803
## 154          164 0.74399999999999999                310
## 155           36 0.66700000000000004                134
## 156            0                    0                 14
## 157           64 0.70299999999999996                167
## 158           66 0.63600000000000001                205
```

```
## 159                    122 0.82799999999999996                  310
## 160                    129 0.59699999999999998                  372
## 161                     76 0.60499999999999998                  192
## 162                      0                    0                    3
## 163                      4                 0.75                   10
## 164                    238 0.88200000000000001                  414
## 165                    272 0.77600000000000002                  690
## 166                     13 0.84599999999999997                   48
## 167                     15 0.73299999999999998                   32
## 168                      4                 0.75                    5
## 169                     35                  0.8                   63
## 170                    548 0.85899999999999999                  745
## 171                     87 0.80500000000000005                  139
## 172                    106 0.72599999999999998                  203
## 173                      2                  0.5                   15
## 174                     15 0.33300000000000002                   29
## 175                     80 0.73799999999999999                  241
## 176                     16 0.56299999999999994                   11
## 177                      0                    0                    2
## 178                     22 0.68200000000000005                   42
## 179                      2                    0                   12
## 180                      7                    1                   17
## 181                     41 0.75600000000000001                  164
## 182                      0                    0                    1
## 183                     56 0.80400000000000005                  173
## 184                     61                 0.77                  188
## 185                     19                    1                   45
## 186                    123 0.79700000000000004                  181
## 187                     14 0.71399999999999997                   77
## 188                    417 0.71899999999999997                  790
## 189                     13 0.92300000000000004                   13
## 190                      6 0.33300000000000002                   12
## 191                     19 0.89500000000000002                   88
## 192                     17 0.64700000000000002                   28
## 193                     41 0.65900000000000003                   87
## 194                     67 0.67200000000000004                  138
## 195                    174 0.92500000000000004                  221
## 196                     23 0.95699999999999996                   62
## 197                    132 0.84799999999999998                  536
## 198                     50                 0.72                   72
## 199                    102 0.80400000000000005                  350
## 200                    228 0.86799999999999999                  537
## 201                     55 0.72699999999999998                  143
## 202                     27 0.59299999999999997                   74
## 203                    229 0.80800000000000005                  395
## 204                     16 0.81299999999999994                   36
## 205                     33 0.69699999999999995                   84
## 206                    374                0.623                  575
## 207                     43 0.65100000000000002                  120
## 208                    105                0.629                  181
## 209                     44 0.70499999999999996                  142
## 210                    114 0.82499999999999996                  157
## 211                    158 0.84199999999999997                  192
## 212                    343 0.84499999999999997                  603
```

```
## 213           40 0.7750000000000002                   113
## 214           88 0.7950000000000004                   254
## 215           57 0.8070000000000005                   176
## 216           30 0.6670000000000004                    49
## 217           10                  1                    23
## 218          161 0.7760000000000002                   280
## 219           23 0.56499999999999995                   68
## 220           62               0.71                    98
## 221           55 0.7820000000000003                   108
## 222           20                0.8                    42
## 223          161               0.77                   511
## 224            0                  0                     0
## 225           56 0.85699999999999998                  323
## 226           34 0.6760000000000005                    35
## 227           44                0.5                    62
## 228           12               0.75                    42
## 229           70 0.6570000000000003                   184
## 230          174 0.81599999999999995                  382
## 231           60 0.8830000000000001                    63
## 232          263 0.85599999999999998                  337
## 233            2                  0                     2
## 234           41 0.8050000000000005                    79
## 235            4               0.75                     3
## 236          256 0.70699999999999996                  593
## 237           30 0.73299999999999998                   81
## 238           48              0.875                   123
## 239            9 0.7780000000000002                    36
## 240           63 0.7780000000000002                   263
## 241            6 0.83299999999999996                   18
## 242           16 0.81299999999999994                   44
## 243          204 0.8920000000000002                   716
## 244           36 0.61099999999999999                   80
## 245           35 0.6860000000000005                    85
## 246           89 0.7750000000000002                   150
## 247            0                  0                     2
## 248          120 0.7750000000000002                   266
## 249           17 0.82399999999999995                  129
## 250          185 0.84299999999999997                  453
## 251           97 0.61899999999999999                  131
## 252           93 0.6670000000000004                   258
## 253          117 0.8030000000000005                   402
## 254          104 0.84599999999999997                  271
## 255           25               0.84                    63
## 256           25               0.76                    54
## 257           46 0.7610000000000001                    85
## 258           10                0.7                    23
## 259           41 0.6830000000000005                    77
## 260           83 0.81899999999999995                  254
## 261          136 0.7870000000000003                   540
## 262           85 0.7880000000000003                   172
## 263           16 0.56299999999999994                   17
## 264          170 0.7940000000000004                   564
## 265           12               0.75                   117
## 266           16 0.93799999999999994                   30
```

```
## 267                 22 0.81799999999999995                     208
## 268                129 0.77500000000000002                     357
## 269                 63 0.65100000000000002                     116
## 270                210 0.57599999999999996                     283
## 271                  9 0.77800000000000002                      41
## 272                 64 0.78100000000000003                     345
## 273                  4                 0.75                       7
## 274                 85 0.85899999999999999                     153
## 275                  2                    1                      15
## 276                 23 0.82599999999999996                      66
## 277                 53 0.81100000000000005                     250
## 278                 38 0.65800000000000003                      66
## 279                  5                    1                      13
## 280                 90 0.84399999999999997                     156
## 281                320                0.878                     726
## 282                218 0.92200000000000004                     708
## 283                 14 0.85699999999999998                      29
## 284                 17 0.82399999999999995                      32
## 285                 42 0.83299999999999996                      65
## 286                 75 0.81299999999999994                     143
## 287                218 0.72899999999999998                     451
## 288                 35 0.85699999999999998                     101
## 289                  2                  0.5                       3
## 290                 82 0.81699999999999995                     303
## 291                 36 0.58299999999999996                      73
## 292                255 0.69799999999999995                     537
## 293                 27 0.77800000000000002                      61
## 294                  7 0.85699999999999998                      29
## 295                  1                    1                      24
## 296                 34 0.76500000000000001                     119
## 297                 24                 0.75                      27
## 298                 13                    1                      62
## 299                 59 0.84699999999999998                     148
## 300                 29 0.58599999999999997                      85
## 301                 47 0.59599999999999997                     122
## 302                196                 0.74                     524
## 303                 55                  0.8                      96
## 304                 21 0.85699999999999998                      51
## 305                394 0.86799999999999999                    1056
## 306                 91 0.64800000000000002                     168
## 307                 11 0.54500000000000004                      15
## 308                 12 0.91700000000000004                      17
## 309                 35 0.71399999999999997                      66
## 310                 57 0.61399999999999999                      50
## 311                  7 0.71399999999999997                       7
## 312                 19 0.89500000000000002                      73
## 313                 45 0.91100000000000003                     273
## 314                 92                  0.5                     249
## 315                 47 0.76600000000000001                     156
## 316                 41                0.878                     138
## 317                  6 0.83299999999999996                      14
## 318                 14 0.78600000000000003                      25
## 319                 60 0.61699999999999999                     172
## 320                164 0.77400000000000002                     557
```

```
## 321                 31 0.83899999999999997                           190
## 322                  6                  1                              23
## 323                 37 0.91900000000000004                            63
## 324                 55                0.8                              66
## 325                 20                0.8                              54
## 326                 30 0.83299999999999996                            82
## 327                 82 0.73199999999999998                           155
## 328                  4                0.5                               4
## 329                  2                0.5                              38
## 330                  0                  0                               1
## 331                  2                0.5                               6
## 332                  2                  1                               4
## 333                 97 0.69099999999999995                           377
## 334                 21 0.85699999999999998                            47
## 335                 75 0.94699999999999995                           148
## 336                 12               0.75                              41
## 337                298 0.84899999999999998                           646
## 338                 37 0.70299999999999996                           106
## 339                  2                  1                              10
## 340                  3                  1                               8
## 341                 44 0.90900000000000003                            80
## 342                 89 0.68500000000000005                           187
## 343                  6                0.5                               4
## 344                110 0.63600000000000001                           249
## 345                295 0.88500000000000001                           654
## 346                  2                0.5                               0
## 347                 34 0.76500000000000001                           137
## 348                146 0.82199999999999995                           419
## 349                 51 0.84299999999999997                           217
## 350                482 0.92700000000000005                           630
## 351                 45                0.8                              87
## 352                 48 0.64600000000000002                           180
## 353                142 0.84499999999999997                           359
## 354                137 0.72299999999999998                           406
## 355                  0                  0                               5
## 356                 51 0.82399999999999995                            96
## 357                160              0.875                             265
## 358                 43 0.81399999999999995                           117
## 359                 23 0.65200000000000002                            50
## 360                  0                  0                               0
## 361                 11 0.90900000000000003                            16
## 362                135              0.748                             301
## 363                  5                0.8                              11
## 364                 28 0.82099999999999995                            53
## 365                 94               0.83                             259
## 366                 38 0.81599999999999995                           114
## 367                 92 0.82599999999999996                           224
## 368                 75 0.70699999999999996                           126
## 369                 84 0.71399999999999997                           222
## 370                 64 0.64100000000000001                           131
## 371                 43 0.58099999999999996                           130
## 372                  5                0.2                              21
## 373                 10                0.9                              78
## 374                  7 0.71399999999999997                            19
```

```
## 375                  95 0.8840000000000001                   39
## 376                   6 0.3330000000000002                   22
## 377                  41 0.85399999999999998                  55
## 378                  70               0.871                  326
## 379                  25                0.88                   58
## 380                   3                   1                    1
## 381                 133 0.8120000000000006                  464
## 382                  48 0.68799999999999994                 442
## 383                  64 0.70299999999999996                 179
## 384                  45                 0.6                  169
## 385                  98 0.81599999999999995                 379
## 386                   8                   1                   11
## 387                  55 0.65500000000000003                 195
## 388                  12 0.66700000000000004                  63
## 389                   8                0.75                   46
## 390                  18 0.55600000000000005                  54
## 391                  30 0.76700000000000002                 150
## 392                  32 0.71899999999999997                  58
## 393                  21 0.76200000000000001                  27
## 394                   7 0.85699999999999998                  22
## 395                  18 0.72199999999999998                  34
## 396                  51 0.80400000000000005                 182
## 397                   4                   1                   25
## 398                  43 0.72099999999999997                 142
## 399                 236 0.8980000000000002                  709
## 400                  12                   1                    6
## 401                  98 0.72399999999999998                 258
## 402                  78                0.91                  182
## 403                 176                0.83                  464
## 404                 316 0.84499999999999997                 630
## 405                   1                   0                    9
## 406                  72 0.81899999999999995                 187
## 407                  14 0.85699999999999998                  86
## 408                 372 0.72799999999999998                 716
## 409                   7 0.42899999999999999                  17
## 410                  89                0.82                  288
## 411                  50                0.72                  169
## 412                  73 0.79500000000000004                 253
## 413                  22 0.63600000000000001                  51
## 414                 134 0.7910000000000004                  775
## 415                 153 0.86899999999999999                 476
## 416                  36 0.91700000000000004                  83
## 417                  30                 0.8                   52
## 418                  20                 0.7                  140
## 419                  37 0.75700000000000001                  73
## 420                  49 0.61199999999999999                 158
## 421                  28 0.78600000000000003                  70
## 422                  85 0.8820000000000001                  283
## 423                  23 0.95699999999999996                 113
## 424                  15                 0.8                   44
## 425                  70 0.71399999999999997                 221
## 426                  55 0.81799999999999995                 185
## 427                  18 0.4440000000000001                   31
## 428                   2                 0.5                    1
```

```
## 429           60 0.9330000000000005            338
## 430          113 0.61899999999999999           303
## 431           68 0.69099999999999995           154
## 432           25             0.76               73
## 433           32             0.75               63
## 434           24 0.70799999999999996            92
## 435           40             0.75              183
## 436          108 0.7690000000000002            146
## 437           57 0.6320000000000001            146
## 438          157 0.72599999999999998           345
## 439           15 0.5330000000000003             46
## 440           37             0.73               83
## 441           83 0.7830000000000003            228
## 442           18 0.6670000000000004             26
## 443            4             0.25               20
## 444           40 0.7750000000000002            134
## 445          135 0.84399999999999997           196
## 446           46 0.84799999999999998           116
## 447            6 0.83299999999999996            11
## 448           95              0.8              262
## 449           12             0.75               47
## 450          177 0.69499999999999995           439
## 451            0              0                  6
## 452           13 0.7690000000000002             38
## 453           94 0.71299999999999997           244
## 454            0              0                  0
## 455           17 0.7650000000000001             53
## 456            4             0.75               36
## 457          181 0.9340000000000005            621
## 458           56 0.8930000000000002            229
## 459            4             0.75                9
## 460          107 0.6820000000000005            524
## 461            0              0                  7
## 462            4             0.75                1
## 463            2             0.5                 7
## 464           13 0.7690000000000002             57
## 465            0              0                  1
## 466          169 0.6690000000000004            373
## 467          124 0.5080000000000001            430
## 468            6 0.3330000000000002             11
## 469           42 0.73799999999999999           201
## 470          119 0.8820000000000001            198
## 471           94 0.73399999999999999           206
## 472          134 0.7910000000000004            435
## 473           37 0.83799999999999997           107
## 474            5              1                 16
## 475            5             0.6                 7
## 476           73             0.74              442
## 477          138 0.85499999999999998           425
## 478          124 0.7820000000000003            173
## 479          163 0.86499999999999999           297
## 480          108             0.88              205
## 481           27 0.88900000000000001            37
## 482           49 0.83699999999999997           135
```

```
## 483                45 0.8890000000000001               170
## 484               174 0.8910000000000001               277
## 485                 5                 1                 19
## 486                48 0.7920000000000004               107
## 487               429 0.8110000000000005               933
## 488                82 0.81699999999999995              137
## 489                47 0.95699999999999996               74
## 490                 5               0.8                 15
## 491                 8               0.5                 72
## 492               166 0.69299999999999995              407
## 493                 0                 0                  2
## 494                 0                 0                  4
## 495                11 0.6360000000000001                8
## 496               108 0.9170000000000004               351
## 497                 0                 0                  8
## 498                14 0.71399999999999997               58
## 499                17 0.70599999999999996               38
## 500                 2               0.5                  6
## 501                23 0.9130000000000003                55
## 502                75 0.82699999999999996              104
## 503                20               0.8                 53
## 504                 5               0.6                  7
## 505                53 0.49099999999999999              176
## 506               117 0.74399999999999999              320
## 507                 2               0.5                 65
## 508                15                 1                 61
## 509                50              0.84                145
## 510                77 0.8830000000000001               337
## 511               138              0.87                352
## 512               202 0.81699999999999995              562
## 513               150 0.86699999999999999              284
## 514               149 0.76500000000000001              342
## 515               328 0.73199999999999998              742
## 516                29 0.5520000000000005                62
## 517                29 0.6550000000000003                98
## 518                99 0.84799999999999998              207
## 519                79 0.84799999999999998              210
## 520               243 0.84799999999999998              548
## 521                12 0.6670000000000004                56
## 522                 5                 1                 27
## 523               383 0.81499999999999995              841
## 524                78 0.84599999999999997              123
## 525                 0                 0                  1
## 526               301 0.82699999999999996              715
## 527                15 0.73299999999999998               12
## 528                 0                 0                  3
## 529               287 0.61299999999999999              573
## 530                57 0.8070000000000005               120
## 531                 6               0.5                 12
## 532                 6 0.3330000000000002                17
## 533               162              0.79                228
## 534                 6 0.83299999999999996                6
## 535                20               0.7                 80
## 536                33 0.57599999999999996              248
```

```
## 537                       7 0.71399999999999997                          33
## 538                      11                    1                          62
## 539                       2                    0                           3
## 540                       9 0.77800000000000002                          30
## 541                      51 0.72499999999999998                         111
## 542                      92 0.69599999999999995                         346
## 543                      24 0.66700000000000004                          39
## 544                      83 0.81899999999999995                         194
## 545                     147 0.69399999999999995                         431
## 546                     340 0.86799999999999999                         833
## 547                      61 0.83599999999999997                         132
## 548                      44 0.86399999999999999                          69
## 549                      50                  0.8                         181
## 550                       3 0.33300000000000002                           9
## 551                      67 0.68700000000000006                         193
## 552                      43 0.65100000000000002                         121
## 553                       7 0.71399999999999997                           1
## 554                      39 0.66700000000000004                          48
## 555                       2                    1                          15
## 556                       9                    1                          39
## 557                       7 0.85699999999999998                          21
## 558                       7 0.85699999999999998                          26
## 559                     120 0.59199999999999997                         323
## 560                       2                    0                          12
## 561                       6 0.66700000000000004                          11
## 562                      18 0.44400000000000001                         100
## 563                      11 0.81799999999999995                          24
## 564                      53 0.64200000000000002                         234
## 565                       6 0.83299999999999996                           3
## 566                      26 0.73099999999999998                         124
## 567                      31                 0.71                         117
## 568                       7 0.71399999999999997                           9
## 569                     311 0.85899999999999999                         560
## 570                      75 0.77300000000000002                         219
## 571                      31 0.80600000000000005                         137
## 572                      23 0.78300000000000003                          45
## 573                       5                  0.6                          13
## 574                      19 0.73699999999999999                          11
## 575                     142 0.78200000000000003                         226
## 576                     203 0.77300000000000002                         685
## 577                      17 0.94099999999999995                         174
## 578                     102 0.55900000000000005                         231
## 579                     191 0.88500000000000001                         394
## 580                       9 0.55600000000000005                          15
## 581                      51 0.84299999999999997                         153
## 582                      23                 0.87                          84
## 583                       0                    0                           1
## 584                     110 0.82699999999999996                         620
## 585                      46                 0.87                         336
## 586                      39 0.76900000000000002                          98
## 587                      52 0.78800000000000003                          80
## 588                       2                  0.5                           8
## 589                      33                0.879                          50
## 590                      70 0.81399999999999995                         327
```

```
## 591                     149 0.8990000000000002                          323
## 592                     211              0.749                          477
## 593                      56 0.8930000000000002                          112
## 594                      45 0.8890000000000001                          102
## 595                      10                0.8                           44
## 596                     145              0.745                          397
## 597                      29 0.8279999999999996                           90
## 598                      17 0.9409999999999995                           46
## 599                       8              0.625                           18
## 600                      16 0.8129999999999994                           29
## 601                     413 0.6560000000000003                          965
## 602                     142 0.9010000000000002                          448
## 603                     114 0.8509999999999998                          210
## 604                      79 0.5190000000000002                          223
## 605                       0                  0                            1
## 606                     238 0.7139999999999997                          690
## 607                      73 0.6159999999999999                          256
## 608                      51 0.5879999999999997                          118
## 609                      63 0.5709999999999995                          294
## 610                     119 0.8659999999999999                          311
## 611                      54               0.87                          163
## 612                     529 0.6979999999999995                         1003
## 613                     125 0.7279999999999998                          390
## 614                       2                0.5                           15
## 615                      23 0.6959999999999995                           66
## 616                      27 0.7780000000000002                           53
## 617                      35 0.5709999999999995                          156
## 618                       6 0.8329999999999996                           16
## 619                      86              0.628                          330
## 620                       8              0.375                           14
## 621                     198 0.6310000000000001                          434
## 622                      90 0.7890000000000003                          204
## 623                      36 0.8329999999999996                          142
## 624                     113              0.628                          618
## 625                     546 0.8860000000000001                          715
## 626                     119 0.7139999999999997                          296
## 627                     171 0.7890000000000003                          390
##                   2-point% 3-point field goals attempted         three-point %
## 2   0.5460000000000004                                1                     0
## 3   0.1670000000000001                                2                     0
## 4                 0.62                                3                     0
## 5   0.5729999999999995                                8                  0.25
## 6   0.5090000000000001                               75                  0.36
## 7   0.4879999999999999                                5                   0.8
## 8   0.3330000000000002                                9                 0.222
## 9   0.4849999999999999                              219 0.3469999999999998
## 10  0.4709999999999997                              274 0.3910000000000001
## 11  0.6770000000000005                                0                     0
## 12               0.623                               19                 0.316
## 13                 0.5                               31 0.2260000000000001
## 14                0.25                                6 0.1670000000000001
## 15  0.5390000000000003                              261                  0.36
## 16  0.6360000000000001                              221 0.3029999999999999
## 17                 0.3                                0                     0
```

```
## 18   0.55600000000000005          29   0.24099999999999999
## 19   0.42899999999999999         325   0.40899999999999997
## 20   0.42399999999999999         172   0.33700000000000002
## 21   0.56399999999999995         261   0.39800000000000002
## 22               0.48             67            0.373
## 23                0.5            143             0.35
## 24   0.34899999999999998         129             0.38
## 25   0.47599999999999998          88   0.38600000000000001
## 26   0.53500000000000003         168            0.315
## 27   0.63900000000000001          20              0.2
## 28   0.44400000000000001           0                0
## 29   0.44900000000000001         207   0.28499999999999998
## 30   0.55000000000000004         108   0.34300000000000003
## 31   0.48899999999999999         261   0.35199999999999998
## 32   0.48199999999999998         455            0.378
## 33   0.56799999999999995         118   0.32200000000000001
## 34   0.51300000000000001         271            0.432
## 35   0.56699999999999995         256   0.39100000000000001
## 36   0.45700000000000002         309   0.40100000000000002
## 37   0.45900000000000002         257   0.38100000000000001
## 38                0.5             17   0.29399999999999998
## 39   0.57399999999999995         271   0.40600000000000003
## 40   0.53500000000000003         103   0.26200000000000001
## 41   0.48599999999999999         184   0.40799999999999997
## 42               0.47            286   0.28999999999999998
## 43   0.53500000000000003         373   0.34899999999999998
## 44   0.48699999999999999         321   0.39900000000000002
## 45   0.38900000000000001           2                0
## 46                0                0                0
## 47   0.58899999999999997          53   0.26400000000000001
## 48               0.48            428   0.39500000000000002
## 49   0.46800000000000003         141   0.39700000000000002
## 50   0.44800000000000001         460             0.38
## 51   0.33300000000000002           4             0.25
## 52   0.47899999999999998          21             0.19
## 53   0.61399999999999999          31   0.28999999999999998
## 54   0.54800000000000004          79            0.253
## 55   0.58899999999999997           1                0
## 56   0.56499999999999995          58   0.29299999999999998
## 57   0.52600000000000002          27             0.37
## 58              0.495            355   0.34100000000000003
## 59               0.25              8             0.25
## 60   0.48699999999999999         461             0.39
## 61   0.52200000000000002         333            0.438
## 62   0.47099999999999997          24            0.375
## 63   0.33300000000000002           0                0
## 64   0.59099999999999997          32            0.313
## 65                0.5             47   0.27700000000000002
## 66   0.54300000000000004         371             0.34
## 67   0.60899999999999999         235   0.38300000000000001
## 68   0.33300000000000002           1                0
## 69   0.53600000000000003          38   0.42099999999999999
## 70   0.38100000000000001          63             0.27
## 71   0.68899999999999995           1                0
```

```
## 72   0.66700000000000004            2                    0
## 73   0.54200000000000004           28   0.42899999999999999
## 74                    0             0                    0
## 75                    0             1                    0
## 76   0.46200000000000002           27   0.40699999999999997
## 77   0.59299999999999997          290                  0.4
## 78   0.64900000000000002          315   0.42499999999999999
## 79                0.625             0                    0
## 80   0.54800000000000004           78   0.42299999999999999
## 81   0.49299999999999999          374   0.38800000000000001
## 82   0.51400000000000001          157   0.38200000000000001
## 83   0.46100000000000002          372   0.34399999999999997
## 84   0.36399999999999999           21   0.23799999999999999
## 85                0.442            46   0.30399999999999999
## 86   0.67700000000000005           24   0.33300000000000002
## 87   0.59899999999999998           59   0.28799999999999998
## 88   0.53500000000000003          410   0.39800000000000002
## 89   0.54300000000000004            0                    0
## 90                0.496           215   0.42299999999999999
## 91   0.57799999999999996          200   0.40500000000000003
## 92                0.625             5                  0.2
## 93   0.71399999999999997           21   0.42899999999999999
## 94   0.52100000000000002          398                 0.41
## 95   0.49199999999999999          164   0.35399999999999998
## 96   0.42499999999999999          246   0.41499999999999998
## 97   0.53800000000000003          102                0.245
## 98   0.66700000000000004            5                    0
## 99   0.58599999999999997            0                    0
## 100 0.46400000000000002          293                 0.41
## 101 0.44400000000000001          216   0.35199999999999998
## 102                0.6            33   0.27300000000000002
## 103 0.41699999999999998           16                0.375
## 104 0.59499999999999997            0                    0
## 105 0.58599999999999997            7   0.14299999999999999
## 106 0.52600000000000002           22   0.36399999999999999
## 107 0.53400000000000003           29   0.24099999999999999
## 108 0.52800000000000002          151                0.371
## 109 0.43099999999999999           61                0.246
## 110 0.46400000000000002          137   0.40100000000000002
## 111 0.66700000000000004           11 9.0999999999999998E-2
## 112 0.39100000000000001           42                 0.31
## 113 0.44400000000000001            5                  0.2
## 114 0.56499999999999995           77                 0.26
## 115 0.39100000000000001          108   0.28699999999999998
## 116                    0            0                    0
## 117                    0            0                    0
## 118 0.52300000000000002          599   0.34699999999999998
## 119 0.63600000000000001            5                  0.2
## 120 0.46800000000000003           56   0.41099999999999998
## 121 0.61499999999999999          208   0.39900000000000002
## 122 0.47899999999999998          335   0.41199999999999998
## 123 0.58299999999999996          272                0.371
## 124 0.53800000000000003           13   0.38500000000000001
## 125                0.379           13   0.46200000000000002
```

```
## 126 0.33300000000000002             0                   0
## 127 0.68400000000000005             2                 0.5
## 128 0.42599999999999999           116 0.33600000000000002
## 129 0.56599999999999995            19 0.42099999999999999
## 130 0.45100000000000001           356               0.379
## 131 0.41699999999999998            22 0.36399999999999999
## 132 0.61899999999999999            84 0.36899999999999999
## 133 0.45500000000000002           380 0.38900000000000001
## 134 0.48699999999999999            53               0.245
## 135 0.48499999999999999           280                0.45
## 136 0.56899999999999995           801 0.42099999999999999
## 137                   0             7 0.28599999999999998
## 138 0.53600000000000003           100                0.26
## 139             0.432              0                   0
## 140 0.48899999999999999           122 0.36099999999999999
## 141 0.53500000000000003           145               0.372
## 142 0.57699999999999996            15 0.13300000000000001
## 143              0.75              5                 0.2
## 144 0.32300000000000001            25                0.16
## 145 0.51500000000000001            74 0.25700000000000001
## 146 0.46899999999999997             8               0.125
## 147 0.51200000000000001            41 0.29299999999999998
## 148 0.49199999999999999            41                0.39
## 149 0.55000000000000004            48 0.47899999999999998
## 150 0.66700000000000004            22               0.318
## 151 0.44400000000000001             7 0.28599999999999998
## 152 0.47499999999999998           346               0.379
## 153 0.56699999999999995           548                0.35
## 154             0.432            329 0.34300000000000003
## 155 0.54500000000000004           159 0.28899999999999998
## 156 0.71399999999999997             7 0.14299999999999999
## 157 0.48499999999999999           115 0.22600000000000001
## 158 0.49299999999999999           149               0.315
## 159 0.48099999999999998           244               0.373
## 160 0.48399999999999999             8                   0
## 161 0.53100000000000003             0                   0
## 162                   0             6 0.33300000000000002
## 163               0.1             2                   0
## 164 0.57699999999999996           189                0.45
## 165 0.48399999999999999           520 0.32900000000000001
## 166 0.60399999999999998            63 0.28599999999999998
## 167 0.56299999999999994            34 0.20599999999999999
## 168               0.6             9               0.222
## 169 0.52400000000000002           275 0.42199999999999999
## 170 0.54100000000000004           154               0.377
## 171             0.504            104               0.433
## 172 0.56200000000000006             2                   1
## 173 0.53300000000000003            11               0.182
## 174 0.72399999999999998             0                   0
## 175 0.64300000000000002             2                   0
## 176 0.63600000000000001             2                   0
## 177               0.5             5                   0
## 178 0.42899999999999999             2                   0
## 179 0.41699999999999998             9 0.33300000000000002
```

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```
## 180 0.35299999999999998          19              0.316
## 181 0.61599999999999999         302 0.39400000000000002
## 182                   0           2               0.5
## 183 0.42199999999999999         168 0.32100000000000001
## 184 0.51100000000000001         341 0.45200000000000001
## 185                 0.6          26             0.192
## 186 0.53600000000000003         188 0.38800000000000001
## 187 0.42899999999999999          95 0.46300000000000002
## 188 0.53900000000000003         320 0.32200000000000001
## 189 0.61499999999999999          15 0.33300000000000002
## 190                0.25           8                 0
## 191                0.42          16              0.25
## 192 0.39300000000000002          32 0.40600000000000003
## 193                0.69           0                 0
## 194 0.68100000000000005           0                 0
## 195 0.46600000000000003         254 0.40600000000000003
## 196 0.48399999999999999          85 0.42399999999999999
## 197 0.47899999999999998         266 0.39500000000000002
## 198 0.52800000000000002         122              0.41
## 199 0.45100000000000001         278 0.38100000000000001
## 200                0.51         416 0.41099999999999998
## 201 0.67100000000000004          15               0.2
## 202 0.45900000000000002          23 0.34799999999999998
## 203 0.54700000000000004         170 0.41799999999999998
## 204 0.63900000000000001          24 0.29199999999999998
## 205 0.52400000000000002           0                 0
## 206                0.68           4                 0
## 207               0.433         103             0.311
## 208 0.47499999999999998         112             0.375
## 209 0.60599999999999998          64 0.26600000000000001
## 210 0.57299999999999995         210 0.32900000000000001
## 211                0.38         477             0.375
## 212 0.47299999999999998         329              0.35
## 213               0.434         432 0.40500000000000003
## 214 0.53500000000000003         126              0.27
## 215 0.53400000000000003         198 0.39900000000000002
## 216 0.65300000000000002          22             0.318
## 217 0.47799999999999998           8             0.375
## 218 0.56399999999999995         250 0.41199999999999998
## 219 0.55900000000000005          25              0.16
## 220 0.42899999999999999         124             0.315
## 221 0.57399999999999995          81 0.38300000000000001
## 222 0.38100000000000001          46 0.28299999999999997
## 223 0.51900000000000002         137 0.32800000000000001
## 224                   0           0                 0
## 225 0.52900000000000003         296 0.40899999999999997
## 226 0.71399999999999997           0                 0
## 227 0.41899999999999998          37             0.108
## 228 0.47599999999999998          18 0.27800000000000002
## 229 0.48399999999999999          69 0.31900000000000001
## 230 0.52400000000000002         529 0.39100000000000001
## 231 0.55600000000000005          72 0.34699999999999998
## 232 0.55200000000000005         262 0.36599999999999999
## 233                   0          11 0.45500000000000002
```

```
## 234 0.58199999999999996      73              0.247
## 235                   0       1                   0
## 236 0.63200000000000001      10                   0
## 237 0.55600000000000005      75                0.32
## 238 0.36599999999999999      66  0.36399999999999999
## 239 0.52800000000000002      36  0.47199999999999998
## 240 0.55500000000000005     444  0.47499999999999998
## 241 0.33300000000000002       2                   0
## 242 0.38600000000000001      14               0.214
## 243 0.54600000000000004     208  0.39400000000000002
## 244 0.51300000000000001       0                   0
## 245                 0.6       6  0.33300000000000002
## 246 0.58699999999999997     193  0.32600000000000001
## 247                   1       0                   0
## 248 0.63500000000000001      14  0.42899999999999999
## 249 0.39500000000000002      72  0.27800000000000002
## 250               0.499     205  0.41499999999999998
## 251 0.57299999999999995     168  0.32700000000000001
## 252 0.58099999999999996      10                 0.1
## 253               0.498     297                0.36
## 254 0.44600000000000001     721  0.39100000000000001
## 255 0.61899999999999999      57  0.38600000000000001
## 256 0.46300000000000002      23  0.39100000000000001
## 257 0.44700000000000001     212  0.32100000000000001
## 258 0.47799999999999998      19  0.21099999999999999
## 259 0.57099999999999995      11                   0
## 260 0.40600000000000003     182  0.36799999999999999
## 261 0.56100000000000005     283  0.39200000000000002
## 262 0.49399999999999999     453  0.38200000000000001
## 263 0.52900000000000003       1                   0
## 264 0.64500000000000002      11               0.182
## 265                0.41      84  0.29799999999999999
## 266                 0.4      29                0.31
## 267                0.51     152  0.36799999999999999
## 268 0.52400000000000002     131  0.28199999999999997
## 269 0.48299999999999998     156  0.34599999999999997
## 270 0.61099999999999999      20                0.25
## 271 0.53700000000000003      65  0.27700000000000002
## 272                0.51     386  0.36299999999999999
## 273 0.28599999999999998      23  0.34799999999999998
## 274 0.58199999999999996      95  0.32600000000000001
## 275 0.26700000000000002       3  0.33300000000000002
## 276 0.40899999999999997      19  0.36799999999999999
## 277 0.58799999999999997     115  0.33900000000000002
## 278                0.53     182                0.33
## 279 0.23100000000000001      41               0.439
## 280                0.59     406  0.45100000000000001
## 281                0.51     375  0.38100000000000001
## 282 0.56100000000000005     378  0.40200000000000002
## 283 0.48299999999999998      23                0.13
## 284 0.46899999999999997      18               0.111
## 285 0.55400000000000005      60  0.28299999999999997
## 286                0.51     150  0.40699999999999997
## 287 0.48599999999999999     257                 0.3
```

```
## 288 0.51500000000000001      111 0.30599999999999999
## 289 0.33300000000000002        6 0.33300000000000002
## 290 0.46500000000000002      282           0.433
## 291 0.52100000000000002       38 0.36799999999999999
## 292 0.59199999999999997      285 0.36499999999999999
## 293           0.377           31 0.35499999999999998
## 294 0.51700000000000002       28 0.32100000000000001
## 295           0.625           39 0.28199999999999997
## 296 0.47899999999999998      168 0.42299999999999999
## 297 0.33300000000000002      106 0.36799999999999999
## 298           0.629            6 0.16700000000000001
## 299 0.58099999999999996      335 0.34899999999999998
## 300 0.61199999999999999       60            0.25
## 301 0.51600000000000001       60 0.26700000000000002
## 302 0.53100000000000003      181 0.33100000000000002
## 303 0.45800000000000002      137 0.32800000000000001
## 304 0.47099999999999997      132 0.36399999999999999
## 305 0.60599999999999998      237 0.38800000000000001
## 306 0.61899999999999999      136           0.316
## 307 0.53300000000000003        1               0
## 308 0.94099999999999995        0               0
## 309 0.68200000000000005        4            0.25
## 310           0.48            64 0.35899999999999999
## 311 0.57099999999999995        2             0.5
## 312 0.46600000000000003        5             0.6
## 313 0.48699999999999999      140 0.32100000000000001
## 314 0.76300000000000001        1               0
## 315 0.51300000000000001       94            0.33
## 316 0.54300000000000004       38 0.36799999999999999
## 317 0.35699999999999998       18           0.222
## 318           0.6             32 0.28100000000000003
## 319 0.52300000000000002       85 0.36499999999999999
## 320 0.60699999999999998        4            0.25
## 321 0.51100000000000001      224 0.44600000000000001
## 322 0.56499999999999995       11 0.36399999999999999
## 323           0.46           212            0.41
## 324           0.47            33           0.182
## 325 0.38900000000000001       89 0.39300000000000002
## 326 0.58499999999999996       56           0.375
## 327 0.44500000000000001      269           0.375
## 328           0.75            23 0.26100000000000001
## 329 0.68400000000000005       36            0.25
## 330             0              2             0.5
## 331           0.5             15 0.13300000000000001
## 332           0.5              4            0.75
## 333 0.52500000000000002      380 0.36099999999999999
## 334 0.48899999999999999       71 0.32400000000000001
## 335 0.45900000000000002      128 0.40600000000000003
## 336           0.39            18 0.27800000000000002
## 337 0.57099999999999995      477 0.41899999999999998
## 338 0.64200000000000002       78 0.29499999999999998
## 339           0.5              0               0
## 340           0.125            1               0
## 341 0.63800000000000001      194 0.39700000000000002
```

```
## 342 0.48699999999999999          23 0.34799999999999998
## 343                 0.5           6                 0.5
## 344 0.64700000000000002          19 0.26300000000000001
## 345 0.55700000000000005         254 0.39800000000000002
## 346                   0           7 0.42899999999999999
## 347 0.47399999999999998          63 0.34899999999999998
## 348               0.501         195               0.318
## 349 0.41499999999999998         120 0.33300000000000002
## 350 0.51900000000000002         704 0.39100000000000001
## 351 0.57499999999999996          80                0.35
## 352 0.57799999999999996          17 0.23499999999999999
## 353 0.63200000000000001         281 0.33800000000000002
## 354                0.65          18 0.27800000000000002
## 355                 0.2           8                0.25
## 356 0.47899999999999998         156 0.36499999999999999
## 357 0.48699999999999999         331 0.39600000000000002
## 358                0.47         239               0.314
## 359 0.57999999999999996          40                0.35
## 360                   0           1                   0
## 361               0.625           2                   0
## 362 0.40200000000000002         313 0.33500000000000002
## 363               0.182           2                 0.5
## 364 0.32100000000000001          60 0.36699999999999999
## 365 0.54100000000000004          91 0.41799999999999998
## 366 0.53500000000000003           8               0.125
## 367 0.58499999999999996         296 0.40200000000000002
## 368 0.42099999999999999          83 0.34899999999999998
## 369 0.57199999999999995          96 0.36499999999999999
## 370               0.496         125               0.248
## 371 0.51500000000000001          58 0.27600000000000002
## 372 0.28599999999999998          12                0.25
## 373 0.48699999999999999          60                 0.4
## 374 0.36799999999999999           5                 0.4
## 375 0.53800000000000003         198 0.38400000000000001
## 376                 0.5          26               0.308
## 377 0.41799999999999998         197 0.33500000000000002
## 378 0.51200000000000001         103 0.30099999999999999
## 379 0.51700000000000002          40                0.35
## 380                   1           0                   0
## 381 0.50900000000000001         420 0.40200000000000002
## 382 0.58599999999999997          48               0.313
## 383 0.54700000000000004         105 0.33300000000000002
## 384 0.54400000000000004         198 0.36399999999999999
## 385 0.64100000000000001         286 0.38800000000000001
## 386 0.72699999999999998          22 0.22700000000000001
## 387 0.54900000000000004          20                0.25
## 388 0.50800000000000001           4                   0
## 389 0.56499999999999995          24 0.45800000000000002
## 390 0.59299999999999997          39                0.41
## 391 0.44700000000000001          92 0.35899999999999999
## 392 0.43099999999999999         166 0.33100000000000002
## 393 0.48099999999999998         114 0.36799999999999999
## 394 0.36399999999999999          37               0.189
## 395               0.441          48 0.33300000000000002
```

```
## 396 0.46700000000000003          211 0.41199999999999998
## 397               0.44            47 0.44700000000000001
## 398 0.54900000000000004          37 0.35099999999999998
## 399 0.50800000000000001         365 0.41399999999999998
## 400 0.83299999999999996          42 0.40500000000000003
## 401 0.55000000000000004         143 0.34300000000000003
## 402                0.5          430               0.374
## 403 0.49399999999999999         203                0.35
## 404 0.47599999999999998         461 0.38600000000000001
## 405 0.66700000000000004          10                 0.1
## 406 0.47099999999999997         212 0.40100000000000002
## 407 0.51200000000000001          35               0.314
## 408              0.499          241 0.30299999999999999
## 409 0.58799999999999997          13               0.308
## 410 0.47199999999999998         296 0.47299999999999998
## 411 0.52100000000000002         209               0.311
## 412 0.53400000000000003         134 0.38100000000000001
## 413 0.66700000000000004         214 0.39700000000000002
## 414 0.48799999999999999         199               0.317
## 415 0.52300000000000002         316 0.40799999999999997
## 416 0.61399999999999999         184                0.37
## 417 0.51900000000000002         171 0.33300000000000002
## 418 0.54300000000000004         143 0.33600000000000002
## 419 0.53400000000000003          43 0.41899999999999998
## 420 0.55100000000000005         114                0.36
## 421 0.54300000000000004         108                0.37
## 422 0.51200000000000001         164                0.39
## 423 0.46899999999999997         292 0.42499999999999999
## 424 0.59099999999999997          57 0.42099999999999999
## 425               0.62            3                   0
## 426              0.497          150 0.33300000000000002
## 427 0.19400000000000001          48 0.47899999999999998
## 428                  1           12 0.33300000000000002
## 429 0.58299999999999996         320 0.38100000000000001
## 430 0.52500000000000002          30                 0.4
## 431 0.57799999999999996          63                0.27
## 432 0.46600000000000003          62 0.45200000000000001
## 433 0.49199999999999999         158 0.36699999999999999
## 434 0.66300000000000003           9               0.222
## 435               0.47          141 0.34799999999999998
## 436                0.5          108 0.26900000000000002
## 437 0.65800000000000003           3                   0
## 438              0.501          214 0.28999999999999998
## 439 0.52200000000000002          50                0.24
## 440               0.47           69 0.36199999999999999
## 441 0.46500000000000002         153                0.32
## 442 0.46200000000000002          17 0.23499999999999999
## 443               0.75           13               0.308
## 444 0.63400000000000001         242               0.318
## 445 0.64300000000000002         125 0.39200000000000002
## 446 0.58599999999999997         278 0.38500000000000001
## 447 0.45500000000000002          88 0.34100000000000003
## 448 0.45800000000000002         324 0.30599999999999999
## 449 0.44700000000000001           5                 0.2
```

```
## 450 0.519000000000002        285                0.316
## 451 0.667000000000004          1                   0
## 452 0.632000000000001         10                 0.2
## 453 0.533000000000003         54  0.333000000000002
## 454                0           1                   0
## 455 0.603999999999998        112  0.356999999999998
## 456 0.556000000000005         34  0.265000000000001
## 457 0.543000000000004        258  0.395000000000002
## 458 0.515000000000001        166                0.44
## 459 0.889000000000001          4                 0.5
## 460             0.46          98  0.285999999999998
## 461 0.428999999999999          0                   0
## 462                0           0                   0
## 463 0.713999999999997          0                   0
## 464 0.490999999999999         21                0.19
## 465                1           8                   0
## 466            0.627           7                   0
## 467 0.615999999999999          0                   0
## 468 0.273000000000002          1                   0
## 469 0.403000000000002        207  0.280000000000003
## 470 0.545000000000004        276  0.350999999999998
## 471 0.515000000000001        161               0.311
## 472            0.628         382  0.445000000000001
## 473 0.476999999999998         95                 0.4
## 474              0.5           9               0.111
## 475 0.713999999999997          8               0.375
## 476 0.541000000000004        157  0.470999999999997
## 477 0.536000000000003        258               0.376
## 478 0.665000000000004         21  0.237999999999999
## 479 0.552000000000005        269               0.439
## 480            0.502         147  0.360999999999999
## 481 0.459000000000002         37  0.350999999999998
## 482 0.385000000000001        118  0.414999999999998
## 483 0.481999999999998        248  0.410999999999998
## 484 0.401000000000002        303  0.389000000000001
## 485 0.526000000000002         19  0.263000000000001
## 486 0.449000000000001        130  0.338000000000002
## 487 0.473999999999998        389  0.410999999999998
## 488             0.46         126  0.262000000000001
## 489 0.485999999999999        140  0.363999999999999
## 490 0.267000000000002         38  0.395000000000002
## 491 0.582999999999996          6                   0
## 492 0.596999999999998        174  0.350999999999998
## 493              0.5           0                   0
## 494              0.5          12                0.25
## 495              0.5           1                   0
## 496            0.501         267                0.33
## 497             0.75           4                 0.5
## 498 0.517000000000002         77  0.363999999999999
## 499              0.5          72               0.375
## 500 0.167000000000001          8               0.125
## 501 0.472999999999998         44  0.363999999999999
## 502            0.625         613  0.407999999999997
## 503 0.321000000000001         42  0.262000000000001
```

```
## 504 0.42899999999999999              14 0.28599999999999998
## 505 0.65300000000000002               0                  0
## 506 0.54700000000000004             109 0.29399999999999998
## 507 0.41499999999999998              45              0.378
## 508 0.52500000000000002              44              0.432
## 509 0.45500000000000002              39 0.33300000000000002
## 510 0.50700000000000001              90 0.41099999999999998
## 511 0.46899999999999997             264 0.33700000000000002
## 512 0.51200000000000001             571 0.38900000000000001
## 513 0.44700000000000001             214              0.308
## 514 0.47099999999999997             310 0.38700000000000001
## 515 0.58199999999999996             162 0.32100000000000001
## 516 0.56499999999999995              43 0.27900000000000003
## 517 0.54100000000000004              15                0.2
## 518 0.51200000000000001             135 0.34799999999999998
## 519 0.60499999999999998             118 0.35599999999999998
## 520 0.47599999999999998             212 0.33500000000000002
## 521 0.41099999999999998             155 0.34200000000000003
## 522 0.44400000000000001               9              0.222
## 523 0.50800000000000001             264              0.371
## 524 0.46300000000000002             333 0.38700000000000001
## 525                   1               3                  0
## 526 0.50900000000000001             246 0.29699999999999999
## 527 0.66700000000000004               1                  1
## 528 0.33300000000000002               0                  0
## 529 0.56200000000000006              10                0.3
## 530                 0.4             281 0.42699999999999999
## 531 0.33300000000000002              28 0.35699999999999998
## 532 0.41199999999999998              10                0.4
## 533 0.48199999999999998             282               0.33
## 534 0.33300000000000002               4                  0
## 535 0.46300000000000002              55 0.34499999999999997
## 536 0.44800000000000001              49 0.36699999999999999
## 537 0.54500000000000004              17 0.23499999999999999
## 538 0.41899999999999998             109 0.56899999999999995
## 539 0.66700000000000004               1                  0
## 540 0.33300000000000002              13 0.23100000000000001
## 541 0.52300000000000002              25               0.16
## 542 0.59199999999999997              63 0.33300000000000002
## 543 0.89700000000000002             148 0.33800000000000002
## 544 0.58199999999999996              88 0.39800000000000002
## 545 0.59399999999999997             195              0.308
## 546               0.502             485 0.38600000000000001
## 547 0.39400000000000002              56 0.46400000000000002
## 548 0.50700000000000001              26 0.38500000000000001
## 549               0.503             200 0.33500000000000002
## 550 0.55600000000000005               7                  0
## 551 0.65300000000000002              95 0.34699999999999998
## 552 0.63600000000000001              57 0.28100000000000003
## 553                   1               6 0.16700000000000001
## 554 0.45800000000000002              53 0.28299999999999997
## 555                 0.4              12               0.25
## 556                0.59              27 0.33300000000000002
## 557 0.33300000000000002              41 0.41499999999999998
```

```
## 558 0.61499999999999999     39 0.25600000000000001
## 559 0.52300000000000002      3                0
## 560 0.33300000000000002      9 0.33300000000000002
## 561 0.36399999999999999     14 0.28599999999999998
## 562             0.59        143 0.30099999999999999
## 563            0.375         33 0.30299999999999999
## 564             0.62         65 0.33800000000000002
## 565                0         14 0.28599999999999998
## 566            0.629         85 0.30599999999999999
## 567 0.71799999999999997     92 0.40200000000000002
## 568 0.33300000000000002      2              0.5
## 569 0.54100000000000004    315 0.38700000000000001
## 570            0.438        305 0.39700000000000002
## 571 0.43099999999999999    124 0.35499999999999998
## 572 0.46700000000000003     86            0.314
## 573 0.38500000000000001     33 0.39400000000000002
## 574 0.63600000000000001      7 0.28599999999999998
## 575 0.60599999999999998    206 0.33500000000000002
## 576 0.61199999999999999     57 0.36799999999999999
## 577 0.43099999999999999    242 0.33100000000000002
## 578 0.61499999999999999      5              0.2
## 579 0.41599999999999998    476 0.36599999999999999
## 580 0.26700000000000002      1                0
## 581 0.46400000000000002    150 0.34699999999999998
## 582              0.5        149            0.309
## 583                0          2                0
## 584 0.51500000000000001    288 0.40600000000000003
## 585 0.50900000000000001    152 0.38800000000000001
## 586 0.57099999999999995    213 0.36599999999999999
## 587 0.61299999999999999     42             0.31
## 588             0.25          6 0.33300000000000002
## 589             0.44         43            0.372
## 590 0.47699999999999998    282 0.35499999999999998
## 591 0.48599999999999999    353             0.36
## 592 0.44900000000000001    249            0.317
## 593 0.42899999999999999     61 0.21299999999999999
## 594              0.5         24            0.125
## 595 0.61399999999999999      7                0
## 596 0.47899999999999998    290 0.38600000000000001
## 597 0.47799999999999998     90              0.4
## 598 0.41299999999999998     38 0.39500000000000002
## 599 0.44400000000000001     64 0.46899999999999997
## 600 0.51700000000000002      6 0.16700000000000001
## 601 0.47499999999999998    273            0.315
## 602 0.47299999999999998    454 0.35899999999999999
## 603 0.48599999999999999    243 0.34599999999999997
## 604 0.56499999999999995      1                0
## 605                0          2                0
## 606 0.52900000000000003    368             0.38
## 607 0.72699999999999998      2                0
## 608 0.50800000000000001    129            0.372
## 609 0.56799999999999995    117 0.44400000000000001
## 610            0.437        119            0.378
## 611 0.36799999999999999     54 0.44400000000000001
```

```
## 612                0.622                                  34  0.29399999999999998
## 613 0.51500000000000001                                  138  0.39100000000000001
## 614                  0.4                                  28  0.35699999999999998
## 615 0.48499999999999999                                  59  0.33900000000000002
## 616 0.58499999999999996                                  78  0.33300000000000002
## 617                 0.41                                  54                0.185
## 618                0.375                                  17  0.47099999999999997
## 619 0.54200000000000004                                  38                0.316
## 620                  0.5                                   6  0.16700000000000001
## 621 0.58099999999999996                                 206                0.374
## 622 0.51500000000000001                                  89  0.34799999999999998
## 623                  0.5                                  83  0.39800000000000002
## 624 0.57899999999999996                                  45  0.26700000000000002
## 625 0.49099999999999999                                 397  0.34300000000000003
## 626 0.59799999999999998                                  28  0.14299999999999999
## 627 0.65600000000000003                                   4                 0.25
##       effective shooting %    True shooting %              PPG
## 2     0.54400000000000004 0.55000000000000004                5
## 3                   0.125               0.125              0.3
## 4     0.61399999999999999 0.59599999999999997              7.6
## 5     0.57099999999999995               0.626             18.7
## 6     0.51800000000000002 0.54500000000000004             13.7
## 7     0.56299999999999994 0.61099999999999999             12.8
## 8     0.33300000000000002 0.34899999999999998              0.6
## 9                   0.502 0.52200000000000002               11
## 10    0.54700000000000004 0.58599999999999997             10.6
## 11    0.67700000000000005                0.73             11.2
## 12    0.61599999999999999 0.64900000000000002             13.2
## 13    0.44400000000000001 0.48199999999999998              5.5
## 14                   0.25 0.36899999999999999              1.5
## 15                   0.54 0.57799999999999996             12.4
## 16                    0.6 0.63300000000000001             28.1
## 17                    0.3 0.38200000000000001              0.8
## 18    0.51500000000000001 0.52300000000000002              2.9
## 19    0.50600000000000001 0.54800000000000004             13.4
## 20    0.44900000000000001               0.496             12.9
## 21    0.58099999999999996 0.60599999999999998             15.9
## 22    0.52600000000000002 0.54100000000000004              3.1
## 23    0.51500000000000001 0.54200000000000004              9.4
## 24                  0.497 0.54200000000000004              6.1
## 25    0.53600000000000003 0.60399999999999998             10.6
## 26                  0.502 0.51500000000000001              6.3
## 27                  0.629 0.65300000000000002             14.4
## 28    0.44400000000000001 0.59699999999999998 1.100000000000001
## 29                  0.443                0.49             10.9
## 30    0.54200000000000004 0.55400000000000005             14.1
## 31                  0.504 0.53900000000000003             15.7
## 32    0.53700000000000003 0.55100000000000005             14.6
## 33    0.53500000000000003 0.55600000000000005                8
## 34    0.58599999999999997                 0.6 9.199999999999993
## 35    0.57499999999999996               0.626 16.10000000000001
## 36                    0.5 0.53500000000000003 17.60000000000001
## 37    0.50700000000000001 0.53800000000000003             12.7
## 38    0.48499999999999999 0.51800000000000002              2.6
```

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```
## 39  0.59699999999999998 0.61699999999999999                   8.1
## 40  0.48699999999999999               0.505                   6.1
## 41  0.54500000000000004 0.56399999999999995                   7.2
## 42  0.45600000000000002 0.49099999999999999                  13.7
## 43  0.53200000000000003 0.59299999999999997                  31.3
## 44  0.54700000000000004 0.56999999999999995 19.600000000000001
## 45                 0.35                0.35                   2.8
## 46                    0 0.17399999999999999                   1
## 47  0.54400000000000004 0.56999999999999995                   5.7
## 48  0.58099999999999996                0.62                  11.5
## 49  0.55000000000000004 0.57999999999999996                   7.5
## 50                 0.53 0.56599999999999995                  12.2
## 51  0.34100000000000003               0.372                   1
## 52  0.45900000000000002 0.51700000000000002                   5.3
## 53  0.58199999999999996 0.59599999999999997                  11.9
## 54  0.47899999999999998 0.52300000000000002 5.0999999999999996
## 55  0.58699999999999997 0.57399999999999995                   5
## 56  0.51700000000000002 0.55500000000000005                   7.2
## 57  0.54300000000000004 0.55000000000000004                   5
## 58                0.503 0.53200000000000003                  12.2
## 59                  0.3                 0.3                   0.7
## 60  0.53600000000000003 0.58799999999999997                  17
## 61  0.60199999999999998 0.61599999999999999 16.399999999999999
## 62  0.50900000000000001 0.53400000000000003 2.2000000000000002
## 63  0.33300000000000002 0.53700000000000003                   1.2
## 64  0.51900000000000002 0.51900000000000002                   4
## 65  0.45100000000000001 0.46100000000000002                   2
## 66  0.53300000000000003 0.58699999999999997                  25.6
## 67  0.59499999999999997 0.63400000000000001                  13.6
## 68                 0.25 0.33800000000000002                   0.6
## 69  0.59099999999999997 0.60699999999999998                   8.5
## 70  0.39500000000000002 0.40899999999999997                   5.2
## 71                 0.68 0.68300000000000005                   5.5
## 72  0.65600000000000003 0.67600000000000005 8.6999999999999993
## 73  0.59599999999999997 0.60499999999999998 2.2999999999999998
## 74                    0 0.53200000000000003                   0.5
## 75                    0                   0                   0
## 76  0.51300000000000001 0.52800000000000002                  11.1
## 77  0.59599999999999997               0.625                  12.7
## 78  0.64400000000000002 0.66800000000000004                  13.5
## 79                0.625 0.69699999999999995                   2.6
## 80  0.59299999999999997 0.63800000000000001                  10.9
## 81  0.52700000000000002 0.56100000000000005                  21.2
## 82  0.56299999999999994 0.56499999999999995                  11.2
## 83  0.48099999999999998 0.51500000000000001                  17.2
## 84                 0.36 0.42199999999999999 4.4000000000000004
## 85  0.44900000000000001 0.47099999999999997                   4.3
## 86                  0.6 0.61599999999999999                   5.5
## 87  0.57599999999999996 0.60399999999999998 8.8000000000000007
## 88  0.55800000000000005 0.58599999999999997                  24.7
## 89  0.54300000000000004 0.56999999999999995                   8.6
## 90  0.58499999999999996 0.59799999999999998 8.1999999999999993
## 91  0.58799999999999997 0.61799999999999999                  12.6
## 92                  0.5 0.55900000000000005                  16
```

```
## 93   0.69799999999999995 0.70399999999999996                14.3
## 94   0.58699999999999997 0.60599999999999998                10.9
## 95                  0.51 0.5440000000000004                  6.6
## 96   0.5220000000000002 0.56399999999999995                 12.7
## 97   0.5140000000000001 0.60699999999999998                 21.5
## 98   0.47099999999999997 0.47499999999999998                 2.8
## 99   0.58599999999999997 0.57599999999999996                   2
## 100  0.5520000000000005                 0.59 9.6999999999999993
## 101                0.502 0.5580000000000005                  6.1
## 102  0.5140000000000001                 0.54                 2.1
## 103                  0.5 0.5470000000000004                  4.3
## 104  0.59499999999999997 0.60199999999999998                15.2
## 105  0.5140000000000001 0.56299999999999994                 2.4
## 106  0.5280000000000002 0.57799999999999996                10.9
## 107                 0.51 0.5490000000000004                 11.7
## 108  0.5470000000000004 0.5480000000000004 4.0999999999999996
## 109  0.41699999999999998 0.4490000000000001 8.8000000000000007
## 110  0.5260000000000002 0.5470000000000004                  6.4
## 111  0.6350000000000001 0.6470000000000002                  5.3
## 112  0.42599999999999999 0.4610000000000002                   4
## 113  0.39300000000000002 0.41199999999999998                 6.5
## 114  0.5370000000000003 0.5600000000000005                 10.3
## 115  0.42399999999999999                0.439                 3.4
## 116                 <NA>                 <NA>                   0
## 117                    0                    0                   0
## 118  0.5220000000000002 0.5490000000000004 18.399999999999999
## 119                0.624 0.61199999999999999                 6.6
## 120  0.5490000000000004 0.58499999999999996                 3.2
## 121                 0.61 0.6450000000000002 17.600000000000001
## 122  0.5520000000000005 0.58899999999999997                16.2
## 123  0.56499999999999995 0.57799999999999996                 6.8
## 124  0.5580000000000005 0.58499999999999996                 2.1
## 125  0.47599999999999998                0.496                 6.1
## 126  0.33300000000000002 0.33300000000000002                 0.5
## 127  0.6850000000000005 0.6670000000000004                  5.5
## 128  0.46899999999999997 0.5110000000000001                 9.6
## 129  0.57899999999999996 0.59699999999999998                 7.8
## 130  0.5330000000000003 0.5530000000000005                  8.5
## 131  0.47799999999999998                 0.48                 2.5
## 132  0.58799999999999997 0.60299999999999998                 7.2
## 133  0.5550000000000005 0.57399999999999995                10.1
## 134  0.4490000000000001 0.47599999999999998                 5.3
## 135  0.58199999999999996 0.60699999999999998                12.5
## 136  0.60499999999999998 0.6550000000000003                  32
## 137  0.42899999999999999 0.5410000000000004                 1.3
## 138  0.5120000000000001 0.5560000000000005                 21.8
## 139                0.432 0.48699999999999999                 2.1
## 140  0.5190000000000002 0.5370000000000003                  6.9
## 141  0.5490000000000004 0.56999999999999995                11.1
## 142  0.49299999999999999 0.5480000000000004                 8.4
## 143  0.71499999999999997 0.73499999999999999                 7.1
## 144  0.28599999999999998                0.312                 2.8
## 145                0.505 0.59099999999999997                21.6
## 146  0.41299999999999998 0.47699999999999998                 3.1
```

```
## 147                0.502 0.5360000000000003                11.9
## 148 0.5140000000000001 0.5490000000000004                11.2
## 149                0.625 0.6820000000000005                 7.9
## 150 0.59099999999999997 0.6480000000000002                 5.3
## 151                0.438 0.5360000000000003                 6.7
## 152 0.5280000000000002 0.5420000000000004                10.4
## 153 0.5500000000000004 0.58699999999999997                27.7
## 154 0.47499999999999998 0.5130000000000001                14
## 155 0.48499999999999999                0.499                 6.7
## 156 0.5480000000000004 0.5480000000000004                 2.1
## 157 0.42599999999999999 0.4590000000000002 5.0999999999999996
## 158 0.48399999999999999                0.503                 7.7
## 159 0.5150000000000001 0.5530000000000005                13.4
## 160 0.47399999999999998                  0.5                17.5
## 161 0.5310000000000003 0.5540000000000005                11.9
## 162 0.3330000000000002 0.3330000000000002                 0.5
## 163 8.3000000000000004E-2                0.182                 1.3
## 164 0.60799999999999998 0.6660000000000004                26.9
## 165 0.48799999999999999 0.5230000000000002                19.3
## 166                0.505 0.5270000000000002                 4
## 167                0.432 0.4680000000000003 2.2999999999999998
## 168 0.42899999999999999 0.47599999999999998                 7.5
## 169 0.61199999999999999                0.625                 9.6
## 170 0.5450000000000004 0.6360000000000001                28.5
## 171 0.56599999999999995 0.61299999999999999                 8.4
## 172 0.57099999999999995 0.61799999999999999                 5.8
## 173 0.42299999999999999 0.42799999999999999                 3.8
## 174 0.72399999999999998                 0.66                 2.6
## 175 0.6380000000000001 0.6630000000000003                 5.4
## 176 0.5380000000000003 0.57399999999999995                 1.3
## 177 0.14299999999999999 0.14299999999999999                 0.2
## 178 0.40899999999999997 0.47499999999999998                 1.5
## 179 0.4520000000000001                0.434                 9.5
## 180 0.41699999999999998 0.47299999999999998 4.5999999999999996
## 181                  0.6 0.60899999999999999 9.8000000000000007
## 182                  0.5                  0.5                 1
## 183 0.4520000000000001 0.48299999999999998                 7.5
## 184 0.61799999999999999 0.6310000000000001                10
## 185 0.48599999999999999 0.5540000000000005                 2.9
## 186 0.5600000000000005 0.60399999999999998                19.7
## 187 0.57599999999999996 0.58399999999999996                13
## 188 0.5230000000000002 0.56499999999999995                25.2
## 189 0.5540000000000005 0.6380000000000001                 6.1
## 190                 0.15 0.17699999999999999                 1.6
## 191 0.41299999999999998 0.4580000000000002                12.9
## 192 0.5080000000000001 0.5330000000000003                 3.4
## 193                 0.69                  0.7                 4.7
## 194 0.6810000000000005 0.69599999999999995                10.1
## 195 0.5420000000000004 0.61299999999999999                13.3
## 196 0.57099999999999995 0.60499999999999998                 4.8
## 197 0.5170000000000002 0.5470000000000004 17.399999999999999
## 198 0.58199999999999996 0.60599999999999998                 5
## 199                0.505 0.5320000000000003                11.4
## 200 0.5570000000000005 0.59799999999999998                23.3
```

```
## 201  0.63600000000000001 0.66100000000000003                    5.4
## 202  0.47399999999999998               0.496                    2.8
## 203  0.57099999999999995               0.623                   23.7
## 204  0.55800000000000005 0.59699999999999998                    3.1
## 205  0.52400000000000002 0.56299999999999994                    5.6
## 206  0.67500000000000004 0.68300000000000005                   14.3
## 207  0.44800000000000001 0.47099999999999997 4.9000000000000004
## 208  0.50900000000000001 0.53700000000000003                   14.6
## 209  0.54100000000000004 0.56399999999999995 10.199999999999999
## 210  0.52700000000000002 0.57699999999999996                   17.8
## 211                 0.51 0.55200000000000005                   14.8
## 212  0.49099999999999999 0.55600000000000005                   22.3
## 213  0.57199999999999995 0.58099999999999996                    9.5
## 214  0.49199999999999999                0.53                      7
## 215  0.56799999999999995                0.59                    8.1
## 216  0.59899999999999998               0.624                    4.2
## 217                  0.5 0.57899999999999996                    2.6
## 218                 0.59               0.624                     11
## 219  0.47299999999999998                0.49                    2.6
## 220  0.45300000000000001 0.49099999999999999                   12.3
## 221  0.57399999999999995                0.61                     10
## 222  0.40300000000000002 0.44900000000000001                    2.8
## 223  0.51300000000000001 0.54900000000000004                   13.8
## 224                 <NA>                <NA>                      0
## 225  0.56899999999999995 0.58499999999999996                     13
## 226  0.71399999999999997 0.73099999999999998                    5.6
## 227  0.32300000000000001 0.36299999999999999 4.0999999999999996
## 228  0.45800000000000002                0.49                    2.6
## 229  0.48199999999999998 0.51100000000000001                   11.2
## 230  0.56000000000000005 0.58899999999999997 16.600000000000001
## 231  0.53700000000000003 0.61299999999999999                   24.8
## 232  0.55100000000000005 0.61899999999999999                   24.6
## 233  0.57699999999999996                0.54                    1.4
## 234                 0.48 0.52600000000000002                    6.9
## 235                    0                0.26                    0.4
## 236                0.622                0.65                   13.5
## 237  0.51900000000000002 0.54400000000000004 9.6999999999999993
## 238  0.42899999999999999 0.48499999999999999 10.199999999999999
## 239  0.61799999999999999 0.63200000000000001                    7.4
## 240  0.65400000000000003 0.66300000000000003                   14.1
## 241                  0.3               0.375                      1
## 242                0.371 0.43099999999999999                    3.3
## 243  0.55600000000000005 0.59699999999999998                   19.5
## 244  0.51300000000000001 0.54300000000000004                    3.5
## 245  0.59299999999999997                0.62 8.3000000000000007
## 246  0.53200000000000003 0.56799999999999995 9.1999999999999993
## 247                    1                   1                      4
## 248  0.63600000000000001 0.67500000000000004                    7.5
## 249  0.40300000000000002 0.42199999999999999                    6.8
## 250  0.53700000000000003 0.58399999999999996 19.600000000000001
## 251  0.52700000000000002 0.54900000000000004                    7.2
## 252  0.56499999999999995 0.59099999999999997                    7.8
## 253  0.51600000000000001 0.54300000000000004                   15.1
## 254  0.54800000000000004 0.56699999999999995 16.600000000000001
```

```
## 255                 0.6               0.63               11.8
## 256                 0.5 0.545000000000000004                  6
## 257 0.47099999999999997               0.496 4.4000000000000004
## 258 0.405000000000000003               0.442                  2
## 259                 0.5 0.547000000000000004                6.1
## 260 0.467000000000000003               0.503                7.2
## 261 0.56999999999999995 0.591999999999999997               17.7
## 262 0.551000000000000005 0.570999999999999995               10.5
## 263                 0.5 0.539000000000000003                2.5
## 264 0.638000000000000001 0.669000000000000004               14.2
## 265 0.424999999999999999               0.436                4.7
## 266               0.432                 0.5                3.9
## 267 0.528000000000000002 0.538000000000000003               14.2
## 268               0.497 0.537000000000000003                  9
## 269               0.504 0.525000000000000002 8.800000000000007
## 270 0.59599999999999997                0.61                  7
## 271 0.462000000000000002 0.47699999999999998                2.8
## 272 0.528000000000000002 0.541000000000000004               11.9
## 273 0.467000000000000003 0.48799999999999999                1.7
## 274 0.546000000000000004 0.60299999999999998                 15
## 275 0.30599999999999999 0.34399999999999997                1.9
## 276               0.441 0.49399999999999999                5.2
## 277 0.56299999999999994 0.58499999999999996               11.1
## 278               0.504 0.519000000000000002 4.4000000000000004
## 279 0.556000000000000005 0.57799999999999996                3.8
## 280 0.652000000000000002 0.672000000000000004               12.1
## 281 0.531000000000000003 0.58399999999999996               23.8
## 282 0.57599999999999996 0.61399999999999999               26.9
## 283 0.35599999999999998 0.42099999999999999                2.1
## 284                0.36               0.435                2.8
## 285 0.49199999999999999 0.551000000000000005               14.4
## 286 0.561000000000000005 0.59799999999999998 9.800000000000007
## 287 0.47199999999999998 0.515000000000000001               13.4
## 288 0.48599999999999999 0.519000000000000002                7.2
## 289 0.444000000000000001 0.455000000000000002                  9
## 290 0.554000000000000005 0.57599999999999996               10.7
## 291 0.532000000000000003 0.548000000000000004                3.9
## 292 0.57699999999999996 0.60299999999999998                 25
## 293 0.42899999999999999 0.48099999999999998                7.7
## 294                 0.5 0.524000000000000002                3.5
## 295                 0.5               0.504 4.9000000000000004
## 296 0.56999999999999995 0.58499999999999996               10.7
## 297 0.508000000000000001 0.533000000000000003                3.7
## 298 0.59599999999999997 0.638000000000000001                5.2
## 299 0.541000000000000004 0.56299999999999994                9.6
## 300 0.514000000000000001 0.526000000000000002                5.7
## 301 0.47799999999999998               0.498 9.1999999999999993
## 302 0.522000000000000002 0.557000000000000005               12.8
## 303 0.47899999999999998 0.519000000000000002 4.4000000000000004
## 304 0.525000000000000002 0.546000000000000004                5.4
## 305 0.60199999999999998 0.647000000000000002               26.4
## 306 0.554000000000000005 0.57599999999999996                6.8
## 307                 0.5 0.528000000000000002                1.6
## 308 0.94099999999999995 0.96499999999999997                5.4
```

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```
## 309  0.66400000000000003 0.69099999999999995                 6.9
## 310  0.51300000000000001 0.54600000000000004                 5.8
## 311  0.61099999999999999 0.66200000000000003                 2.7
## 312  0.49399999999999999 0.54400000000000004                 2.5
## 313  0.48499999999999999 0.51100000000000001                 6.3
## 314                 0.76 0.73299999999999998                 7.5
## 315  0.50600000000000001 0.53400000000000003                 6.6
## 316  0.54500000000000004 0.58799999999999997                  12
## 317  0.34399999999999997                 0.39                 1.2
## 318                  0.5 0.53800000000000003                 4.3
## 319  0.53100000000000003 0.54700000000000004                 6.6
## 320  0.60499999999999998 0.63600000000000001                11.2
## 321  0.59699999999999998 0.60799999999999998 8.300000000000007
## 322  0.55900000000000005                  0.6                 7.3
## 323  0.57999999999999996 0.60599999999999998                 7.1
## 324  0.40400000000000003                0.503                 3.8
## 325  0.51400000000000001 0.53700000000000003                 3.9
## 326  0.57599999999999996 0.60799999999999998                 4.3
## 327                 0.52 0.54400000000000004                 9.1
## 328  0.44400000000000001 0.45200000000000001                   2
## 329  0.53400000000000003 0.53400000000000003 4.400000000000004
## 330                  0.5                  0.5                 0.6
## 331  0.28599999999999998 0.29699999999999999                 1.2
## 332  0.81299999999999994 0.84499999999999997                   3
## 333  0.53300000000000003 0.54600000000000004                12.9
## 334  0.48699999999999999 0.52300000000000002                 5.5
## 335  0.52900000000000003 0.58699999999999997                10.1
## 336  0.39800000000000002                0.436                 3.1
## 337  0.59599999999999997 0.63400000000000001                27.4
## 338  0.55700000000000005 0.57699999999999996 5.099999999999996
## 339                  0.5 0.55100000000000005                 1.7
## 340                0.111 0.24199999999999999                 1.3
## 341  0.60799999999999998 0.63600000000000001                 6.5
## 342                 0.49 0.53600000000000003                 5.6
## 343                 0.65 0.63300000000000001 2.2999999999999998
## 344                0.629 0.64300000000000002                 7.1
## 345  0.56799999999999995                0.622                24.8
## 346  0.64300000000000002 0.63500000000000001                 3.3
## 347                 0.49 0.51600000000000001                18.5
## 348  0.49299999999999999 0.53500000000000003                20.7
## 349  0.44500000000000001 0.47699999999999998                 6.4
## 350  0.55400000000000005                0.623                28.7
## 351  0.55100000000000005 0.58899999999999997 4.5999999999999996
## 352  0.55800000000000005 0.57499999999999996 4.0999999999999996
## 353  0.57699999999999996 0.61099999999999999                12.3
## 354                 0.64 0.66300000000000003                   9
## 355                0.308                0.308                 2.7
## 356  0.52200000000000002 0.55600000000000005                12.2
## 357  0.54600000000000004 0.59299999999999997                17.2
## 358  0.47099999999999997 0.49299999999999999                 6.4
## 359  0.55600000000000005 0.57399999999999995                   5
## 360                    0                    0                   0
## 361  0.55600000000000005 0.65700000000000003                 3.8
## 362  0.45400000000000001 0.48899999999999999                10.1
```

```
## 363   0.26900000000000002 0.36199999999999999 1.100000000000001
## 364                  0.442 0.49099999999999999 4.0999999999999996
## 365   0.56299999999999994 0.60299999999999998                   7
## 366   0.51200000000000001 0.56200000000000006                 4.7
## 367   0.59499999999999997                 0.62                13.6
## 368   0.46200000000000002 0.50800000000000001                 7.7
## 369   0.56399999999999995                 0.59 9.3000000000000007
## 370                  0.436 0.46500000000000002                   5
## 371   0.48399999999999999                  0.5                   4
## 372                  0.318                0.313                 2.4
## 373   0.53600000000000003 0.55100000000000005                 4.5
## 374   0.41699999999999998 0.46200000000000002                 6.3
## 375   0.56999999999999995 0.63500000000000001                 5.5
## 376   0.47899999999999998 0.47399999999999998                   6
## 377   0.48399999999999999 0.51700000000000002                 4.8
## 378                  0.498 0.53100000000000003                   8
## 379                   0.52 0.56899999999999995                 3.8
## 380                      1  1.078000000000001                   1
## 381   0.55400000000000005 0.57699999999999996                23.1
## 382   0.57399999999999995 0.58299999999999996                 8.6
## 383                   0.53 0.55400000000000005                 7.4
## 384   0.54500000000000004 0.55200000000000005                 6.8
## 385   0.61599999999999999 0.63500000000000001                13.6
## 386                   0.47 0.53400000000000003 2.2000000000000002
## 387   0.53300000000000003 0.55400000000000005                   8
## 388   0.47799999999999998                0.498                 5.5
## 389   0.60699999999999998 0.61899999999999999                 5.7
## 390   0.60199999999999998 0.60399999999999998                 3.1
## 391   0.48099999999999998                0.502                   5
## 392                   0.48                  0.5                 7.4
## 393   0.53900000000000003 0.55900000000000005                   8
## 394                  0.314 0.34599999999999997                   2
## 395   0.47599999999999998 0.50600000000000001                   4
## 396   0.54800000000000004 0.56799999999999995                 9.1
## 397                   0.59 0.60299999999999998                   3
## 398   0.54500000000000004 0.57099999999999995                 6.3
## 399   0.54600000000000004 0.58799999999999997 20.399999999999999
## 400   0.63500000000000001 0.68500000000000005 4.0999999999999996
## 401   0.53700000000000003 0.56499999999999995                   9
## 402   0.54300000000000004 0.56899999999999995                10.8
## 403                  0.503 0.54900000000000004                  13
## 404                   0.52 0.56899999999999995                26.4
## 405   0.39500000000000002 0.38600000000000001 1.100000000000001
## 406                   0.54 0.56899999999999995                11.7
## 407                    0.5 0.52300000000000002 4.9000000000000004
## 408   0.48699999999999999 0.53700000000000003 19.100000000000001
## 409   0.53300000000000003 0.52900000000000003                 1.2
## 410   0.59199999999999997 0.61399999999999999                13.4
## 411   0.49099999999999999 0.50900000000000001                 6.7
## 412   0.54700000000000004 0.57399999999999995 10.199999999999999
## 413   0.60899999999999999 0.61299999999999999                 5.6
## 414   0.48499999999999999 0.50900000000000001                15.7
## 415   0.55900000000000005 0.59199999999999997                21.2
## 416   0.57299999999999995 0.59899999999999998 9.6999999999999993
```

```
## 417                 0.504 0.52700000000000002                    6.9
## 418 0.52300000000000002 0.53100000000000003                   10.3
## 419 0.56899999999999995 0.60499999999999998                    6.7
## 420 0.54600000000000004 0.55700000000000005 9.300000000000007
## 421 0.55100000000000005 0.57299999999999995                    4.7
## 422 0.53900000000000003 0.57499999999999996 8.6999999999999993
## 423                  0.59 0.60199999999999998                    6.9
## 424 0.61399999999999999 0.63200000000000001                    3.3
## 425 0.61199999999999999 0.63600000000000001 5.0999999999999996
## 426                 0.499 0.52800000000000002                      9
## 427 0.51300000000000001 0.51200000000000001                    2.7
## 428 0.53800000000000003                  0.54                    1.7
## 429 0.57799999999999996 0.59599999999999997                   14.6
## 430 0.53200000000000003 0.55400000000000005                   11.5
## 431 0.52800000000000002 0.55900000000000005 9.1999999999999993
## 432 0.56299999999999994 0.58599999999999997                    5.7
## 433 0.53400000000000003 0.55300000000000005 4.5999999999999996
## 434 0.63400000000000001                  0.65                    5.4
## 435 0.49199999999999999 0.51100000000000001                    7.8
## 436 0.45900000000000002 0.52400000000000002                    5.4
## 437 0.64400000000000002 0.65500000000000003 4.5999999999999996
## 438 0.47599999999999998 0.51400000000000001                    9.6
## 439                 0.438 0.44800000000000001                    2.5
## 440                 0.503 0.53500000000000003                     20
## 441 0.47099999999999997 0.50800000000000001                   21.2
## 442 0.41899999999999998 0.47099999999999997                     12
## 443 0.63600000000000001 0.61899999999999999                   10.8
## 444 0.53300000000000003 0.54900000000000004                     10
## 445                 0.621 0.67400000000000004                     19
## 446 0.57999999999999996 0.59899999999999998                      7
## 447                 0.505 0.51700000000000002                    1.9
## 448 0.45800000000000002 0.48799999999999999                   10.4
## 449                 0.433 0.47099999999999997                    1.8
## 450                 0.501 0.52900000000000003                   15.4
## 451 0.57099999999999995 0.57099999999999995                    2.7
## 452 0.56299999999999994 0.59599999999999997                    6.4
## 453 0.52700000000000002 0.56100000000000005                    9.5
## 454                     0                     0                      0
## 455 0.55800000000000005 0.57099999999999995                    5.2
## 456 0.47899999999999998 0.48799999999999999                    5.4
## 457 0.55700000000000005 0.59899999999999998 16.399999999999999
## 458 0.57599999999999996 0.60199999999999998                    8.4
## 459 0.84599999999999997 0.84699999999999998                    2.5
## 460 0.45500000000000002 0.47799999999999998                   10.1
## 461 0.42899999999999999 0.42899999999999999                      2
## 462                     0 0.54300000000000004                      3
## 463 0.71399999999999997 0.69799999999999995                    1.2
## 464                 0.436 0.46600000000000003                      3
## 465                 0.111                 0.111                    0.1
## 466 0.61599999999999999 0.63900000000000001                   10.4
## 467 0.61599999999999999 0.61199999999999999                    8.6
## 468                  0.25 0.27300000000000002                    0.8
## 469 0.41199999999999998                  0.43 8.1999999999999993
## 470 0.53500000000000003 0.58099999999999996                     12
```

```
## 471    0.49299999999999999 0.52800000000000002 16.600000000000001
## 472    0.64600000000000002 0.66300000000000003                  19
## 473    0.53500000000000003 0.56599999999999995                 9.9
## 474                   0.38               0.441                   8
## 475    0.63300000000000001                0.64                   2
## 476    0.58399999999999996 0.59699999999999998                11.4
## 477    0.54700000000000004 0.58199999999999996 20.100000000000001
## 478    0.63100000000000001 0.68799999999999994                 5.9
## 479    0.60199999999999998 0.64500000000000002 19.600000000000001
## 480    0.51800000000000002 0.57599999999999996                  17
## 481    0.49299999999999999 0.56499999999999995                 8.1
## 482                  0.496 0.53200000000000003                10.1
## 483    0.56200000000000006 0.58199999999999996                 7.7
## 484                  0.497 0.55700000000000005                11.4
## 485    0.46100000000000002               0.498                 3.1
## 486    0.48099999999999998 0.51500000000000001                 6.5
## 487    0.51600000000000001 0.56699999999999995                24.1
## 488    0.42799999999999999 0.48799999999999999                11.2
## 489    0.52600000000000002 0.57499999999999996 8.6999999999999993
## 490                    0.5 0.51600000000000001 4.4000000000000004
## 491    0.53800000000000003                0.54                 3.4
## 492    0.57599999999999996 0.59899999999999998                11.2
## 493                    0.5                 0.5                 0.7
## 494    0.40600000000000003 0.40600000000000003                 6.5
## 495    0.44400000000000001 0.54200000000000004                 0.8
## 496                  0.498 0.53700000000000003                12.1
## 497                   0.75                0.75                 2.6
## 498    0.53300000000000003 0.54500000000000004                 7.3
## 499    0.54100000000000004 0.55800000000000005 8.6999999999999993
## 500    0.17899999999999999 0.20200000000000001                 1.2
## 501                  0.505 0.55400000000000005                 5.3
## 502    0.61399999999999999               0.628                13.1
## 503    0.35299999999999998                 0.4 4.9000000000000004
## 504    0.42899999999999999 0.45300000000000001 2.2999999999999998
## 505    0.65300000000000002 0.64200000000000002 8.3000000000000007
## 506                   0.52 0.55500000000000005 8.6999999999999993
## 507    0.47699999999999998 0.47799999999999998                 3.9
## 508    0.57599999999999996 0.60899999999999999                 7.6
## 509    0.46500000000000002 0.51700000000000002                14.2
## 510                   0.53 0.56499999999999995                14.9
## 511    0.48499999999999999                0.53                15.6
## 512    0.54800000000000004 0.57599999999999996 20.399999999999999
## 513    0.45400000000000001 0.51600000000000001                 8.6
## 514    0.52300000000000002 0.55500000000000005                  19
## 515    0.56399999999999995 0.60099999999999998                20.3
## 516                  0.505 0.51800000000000002                 3.7
## 517    0.50900000000000001 0.53300000000000003 4.5999999999999996
## 518    0.51600000000000001 0.56699999999999995 8.6999999999999993
## 519    0.57899999999999996 0.61599999999999999                 7.7
## 520    0.48399999999999999 0.54300000000000004                15.4
## 521    0.48599999999999999 0.49199999999999999                 4.2
## 522    0.41699999999999998 0.45800000000000002 8.8000000000000007
## 523    0.51900000000000002 0.57299999999999995                24.3
## 524    0.54900000000000004 0.57799999999999996 9.3000000000000007
```

```
## 525                0.25               0.25                  1
## 526 0.49299999999999999 0.54700000000000004               21.4
## 527 0.73099999999999998 0.76500000000000001                2.7
## 528 0.33300000000000002 0.33300000000000002                0.5
## 529 0.56000000000000005 0.58399999999999996               14.3
## 530 0.56899999999999995 0.58899999999999997                7.8
## 531 0.47499999999999998 0.48099999999999998                2.1
## 532 0.48099999999999998 0.47199999999999998                1.9
## 533 0.48899999999999999 0.53900000000000003               13.1
## 534                 0.2 0.35599999999999998                  3
## 535 0.48499999999999999               0.504                7.3
## 536 0.46500000000000002 0.47299999999999998                6.7
## 537                0.48               0.499                  2
## 538 0.69599999999999995 0.70799999999999996                5.3
## 539                 0.5                0.41                  2
## 540 0.33700000000000002 0.38300000000000001                1.5
## 541 0.47099999999999997 0.52100000000000002 4.0999999999999996
## 542 0.57799999999999996 0.59699999999999998                7.9
## 543 0.58799999999999997 0.59699999999999998                6.1
## 544 0.58699999999999997               0.626                7.5
## 545 0.55300000000000005 0.57499999999999996               11.3
## 546                0.53 0.57599999999999996               26.4
## 547 0.48399999999999999 0.54200000000000004                6.9
## 548 0.52600000000000002 0.60299999999999998                6.6
## 549               0.503 0.52500000000000002                7.6
## 550               0.313               0.318                  1
## 551 0.60899999999999999               0.625                9.5
## 552 0.56699999999999995 0.58399999999999996                 10
## 553 0.35699999999999998               0.496                2.5
## 554               0.441 0.48699999999999999 4.0999999999999996
## 555 0.38900000000000001 0.41199999999999998                7.7
## 556 0.55300000000000005 0.58599999999999997 16.399999999999999
## 557 0.52400000000000002 0.54500000000000004                2.7
## 558 0.47699999999999998               0.499                3.6
## 559 0.51800000000000002                0.54                7.6
## 560 0.40500000000000003 0.38800000000000001                1.2
## 561                 0.4               0.434                3.4
## 562 0.50800000000000001 0.50800000000000001                3.9
## 563 0.42099999999999999 0.46100000000000002                3.2
## 564 0.59499999999999997 0.60499999999999998                6.6
## 565 0.35299999999999998               0.433                1.5
## 566 0.56000000000000005 0.57399999999999995 4.0999999999999996
## 567 0.66700000000000004 0.67600000000000005                5.7
## 568 0.40899999999999997               0.497                1.8
## 569 0.55500000000000005 0.61199999999999999               24.8
## 570                0.53 0.55000000000000004                 15
## 571 0.47899999999999998               0.501               16.2
## 572 0.46899999999999997                 0.5 4.4000000000000004
## 573 0.53300000000000003 0.53900000000000003                2.6
## 574 0.55600000000000005 0.64500000000000002                2.4
## 575 0.55700000000000005 0.59899999999999998               12.6
## 576 0.60699999999999998 0.63600000000000001 17.100000000000001
## 577 0.46899999999999997 0.47899999999999998                6.5
## 578 0.60799999999999998 0.61199999999999999                5.4
```

```
## 579  0.48899999999999999 0.5340000000000003 19.600000000000001
## 580                 0.25 0.3260000000000001                2.6
## 581  0.49199999999999999 0.5240000000000002                5.5
## 582  0.47599999999999998               0.498                4.8
## 583                    0                   0                  0
## 584  0.54500000000000004 0.56499999999999995               24.5
## 585  0.53200000000000003 0.5500000000000004               21.5
## 586  0.55600000000000005 0.57299999999999995                  6
## 587  0.56100000000000005 0.61399999999999999                7.1
## 588  0.35699999999999998                0.37                1.2
## 589                0.495 0.56299999999999994                 11
## 590                0.502 0.5230000000000002               11.2
## 591  0.51400000000000001 0.55900000000000005               19.3
## 592  0.45800000000000002               0.503               20.6
## 593                 0.39 0.4680000000000003                4.7
## 594                 0.44 0.5180000000000002                6.9
## 595  0.52900000000000003 0.5600000000000005               15.5
## 596  0.52100000000000002 0.5490000000000004               12.9
## 597  0.53900000000000003 0.56499999999999995 4.400000000000004
## 598  0.49399999999999999 0.5410000000000004                3.8
## 599  0.64600000000000002 0.6490000000000002 4.099999999999996
## 600  0.47099999999999997 0.5470000000000004 2.2999999999999998
## 601  0.47399999999999998 0.50900000000000001               22.2
## 602  0.50600000000000001                0.54               15.1
## 603                0.503 0.5500000000000004               15.4
## 604  0.56299999999999994 0.56599999999999995                8.1
## 605                    0                   0                  0
## 606  0.54300000000000004 0.56799999999999995 18.600000000000001
## 607  0.72099999999999997 0.71899999999999997                  8
## 608  0.53400000000000003 0.5460000000000004                4.7
## 609  0.59599999999999997 0.59899999999999998                  8
## 610  0.47299999999999998 0.5290000000000003               12.1
## 611                0.442               0.496                 10
## 612  0.61599999999999999 0.6490000000000002                 27
## 613  0.53400000000000003 0.5620000000000006 9.1999999999999993
## 614  0.48799999999999999                0.49                3.6
## 615                0.496 0.5180000000000002                6.1
## 616  0.53400000000000003 0.56299999999999994                5.2
## 617                0.376 0.3950000000000002                6.8
## 618  0.54500000000000004 0.57499999999999996                1.9
## 619  0.53500000000000003 0.5520000000000005               11.5
## 620  0.42499999999999999 0.42499999999999999                1.5
## 621  0.57399999999999995 0.59099999999999997                 21
## 622  0.51700000000000002 0.5620000000000006               10.4
## 623  0.53600000000000003 0.56299999999999994                 10
## 624  0.56699999999999995 0.57699999999999996               12.1
## 625                0.499 0.5889999999999997               25.3
## 626  0.56499999999999995 0.5989999999999998                9.4
## 627  0.65400000000000003 0.69299999999999995                  9
##              RPG   Total rebound %        APG        Assist %
## 2           3.4 16.100000000000001        0.5             6.1
## 3           0.4 8.6999999999999993        0.3            12.6
## 4           8.9 17.399999999999999        1.9             9.1
## 5             9              15.3        5.4            26.9
```

```
## 6                       4.5 9.1999999999999993                   1.7 10.199999999999999
## 7                       4.8 10.199999999999999                   2.6                14.3
## 8                       0.7                11.9                   0.4                15.2
## 9                       3.1                 7.8 2.2000000000000002                14.7
## 10                      3.2                 6.7 2.2000000000000002                11.5
## 11                     10.4                21.6                   1.7 8.3000000000000007
## 12                      9.9                18.3                   1.7 8.8000000000000007
## 13                      5.4                12.9                   1.7                11.4
## 14                      3.2                15.6                   0.3                 3.5
## 15                      5.7                11.1                   3.6                18.3
## 16                       11                17.5                   5.9                28.7
## 17                      1.3 19.100000000000001                   0.1 2.2999999999999998
## 18       2.2000000000000002                11.8                   0.8                10.3
## 19                      3.1                 6.8                   1.5 9.1999999999999993
## 20                      4.7                   9 4.0999999999999996                24.2
## 21                      5.5                 9.1 2.2000000000000002                10.1
## 22                      1.5 8.1999999999999993                   1.3                16.3
## 23                      4.8 9.8000000000000007                   1.8                 9.4
## 24                      1.4                 3.7                   3 18.600000000000001
## 25       2.2000000000000002                 5.6                   3.9                28.3
## 26                      4.8                  11                   1.2                 6.3
## 27                     10.5                19.5                   1.4                 6.8
## 28                      0.9                12.1                   0                   0
## 29                      3.1                 6.3                   1.3                 7.9
## 30                      7.4                15.9                   1                 5.8
## 31                      5.9                11.1                   6.1                33.9
## 32                      4.8 8.1999999999999993                   5.7                25.4
## 33                      5.8                  19                   0.8                 8.1
## 34                      3.1                 7.3                   1.7                10.6
## 35                      6.6 10.199999999999999                   3.5                  13
## 36                      5.8                 8.9                   3                13.8
## 37                        4                 7.4                   3.2                14.1
## 38                      1.6                10.7                   0.4                 6.6
## 39                      4.7 9.6999999999999993 2.2000000000000002                10.5
## 40                      5.2                15.3                   0.9                   7
## 41                      3.4                 9.1                   1.6                11.1
## 42                      7.2                  12                   1.8                 8.9
## 43                      4.7                   7 4.4000000000000004                21.3
## 44       4.4000000000000004                 7.2                   2.4                11.6
## 45                      3.8                  15                   1                 9.4
## 46                        5 18.100000000000001                   2                15.8
## 47                      2.9 8.3000000000000007                   2.1                15.5
## 48                        3                 6.1                   0.9 4.4000000000000004
## 49                      3.2                   8                   2.1                  12
## 50       4.5999999999999996 9.3000000000000007                   1.4                 7.6
## 51                        1                  14                   0.2                 5.6
## 52       5.0999999999999996                13.2 1.1000000000000001                   8
## 53                      7.5                13.6                   1.9                 9.4
## 54                      3.3                14.5                   0.8                 8.9
## 55                      5.3                13.9                   1.2 8.3000000000000007
## 56                      3.8                12.6                   1.9                15.3
## 57                      2.5                 9.9                   1.8                18.7
## 58                      3.4                 6.3                   3.8                17.3
## 59                      0.6                 7.1                   0.2                 6.7
```

```
## 60                   3.9                   6.7                   1.9                9.1
## 61                   3.6                   6.7                   3.3 17.600000000000001
## 62                   0.8                   8.5                   0.2                  6
## 63                     1                  11.7                     0                  0
## 64                   1.7                   6.4                   1.3               13.6
## 65                   1.7                   8.1                   0.6                6.5
## 66                   4.2                     7                   4.3               20.6
## 67                   6.7                  15.3 1.1000000000000001                  7
## 68                   0.6                  11.5                     0                  0
## 69                   1.8 4.9000000000000004                   1.4                 10
## 70    2.2999999999999998                   5.3                   1.9               11.2
## 71                   5.2 19.899999999999999                   0.9 8.6999999999999993
## 72                   6.1                  17.7                   0.9                8.4
## 73                     1                  10.4                   0.5 16.100000000000001
## 74                   0.5                  15.3                   0.3               17.3
## 75                     2                  13.9                     0                  0
## 76    5.0999999999999996                   9.1                     2               10.6
## 77                     6                  11.1 2.2000000000000002               11.4
## 78                   4.3                   7.4                   2.1 8.8000000000000007
## 79                   1.6                  14.8                   0.2                4.7
## 80                   5.5                    12                   0.9 4.5999999999999996
## 81                   5.3 8.3000000000000007                   5.9               25.7
## 82                   3.4                     7                   1.5                8.6
## 83                   2.9                   5.2 2.2999999999999998               11.7
## 84                   1.9                   5.8                     1 8.1999999999999993
## 85                   2.9                  11.3                   0.9                8.5
## 86                   3.4                  10.3                   0.8                5.6
## 87                   5.4                  13.3                   1.6 9.8000000000000007
## 88                     6 9.6999999999999993                   3.4               16.5
## 89                   8.9                  21.7                   0.2                1.7
## 90    4.4000000000000004 9.6999999999999993                   1.4                8.4
## 91                   3.4                   7.5                   3.5               21.3
## 92                     6                    10                     3               12.8
## 93                   6.1                  11.9                   1.5 8.1999999999999993
## 94                   3.4                   6.2                   1.5                7.4
## 95                   0.9                   3.3                   1.3               12.9
## 96    4.5999999999999996 9.8000000000000007 2.2000000000000002               13.2
## 97                   6.9                  11.8                   7.1               35.1
## 98    2.2999999999999998                  20.5                   0.2 4.5999999999999996
## 99                   1.6                  17.8                   0.1                1.5
## 100                  2.7                   5.3                   1.9 9.1999999999999993
## 101                  2.1                   5.3                   3.6               20.2
## 102                  1.2                  10.3                   0.3                6.4
## 103                  0.6                   3.5                   0.1                2.1
## 104                 14.3                    26                   0.8 4.0999999999999996
## 105                  1.4                  12.8                   0.1                2.6
## 106                  7.8 17.399999999999999 2.2000000000000002               12.3
## 107 8.8000000000000007                  17.2                   1.6 9.6999999999999993
## 108                  1.5                   7.3                   1.2                 13
## 109                  4.5                     9 4.0999999999999996               24.1
## 110                  2.9                   7.8                   2.8 18.100000000000001
## 111                  4.5                  14.4                   0.7                5.3
## 112 1.1000000000000001                   5.7                     3               36.9
## 113                  6.5                  25.9                     1               11.2
```

```
## 114               5.6                12.3                1.6                9.5
## 115               3.2                 9.1                0.9                6.4
## 116               0.5                13.8                  0                  0
## 117                 1                 8.6                0.5                9.1
## 118                 4                   8                2.5               15.3
## 119               5.2                15.4                0.9                6.4
## 120                 1                 6.3                0.5                7.4
## 121               7.4                13.8                1.2                6.9
## 122               3.5                 6.2                  6               30.6
## 123               4.8                11.1                1.2                6.3
## 124               0.3                 4.5                0.3               12.5
## 125               1.7                   7                1.9               22.1
## 126               0.5                 6.7                0.5               14.5
## 127               3.4                12.4                0.5                5.6
## 128               7.6 20.100000000000001                2.4                 18
## 129               4.5 19.600000000000001                  1               12.4
## 130               6.7                11.1                1.7                6.8
## 131               2.4                11.2                0.9                9.5
## 132               4.8                14.5                  1                7.4
## 133               4.7 9.6999999999999993                2.1                 10
## 134               3.1                11.3                0.7                6.8
## 135               2.4 4.5999999999999996                2.7               13.6
## 136               5.5                 8.6                5.8               30.5
## 137               0.1                 2.1                0.1 5.0999999999999996
## 138               7.9                13.8                3.1 16.399999999999999
## 139                 5                20.8                0.9                  9
## 140               1.9                 7.4 1.1000000000000001               11.5
## 141               3.3                 8.4                1.7               11.3
## 142                 4 9.8000000000000007                2.4               17.3
## 143               5.4                23.4                0.8                9.6
## 144               1.8                   6                4.5 35.200000000000003
## 145               4.2                 6.7                6.9                 32
## 146               2.4                12.7                0.6                6.9
## 147               5.2                11.3                2.4 16.399999999999999
## 148               5.4                12.8                1.2 8.3000000000000007
## 149               4.5                  14                1.3               10.6
## 150               2.6                12.3                1.2               14.9
## 151               4.3                11.2                  3               17.5
## 152               5.8                  11                3.1               14.2
## 153                 8                12.8                8.6               44.1
## 154               3.6                 6.4                1.7 8.8000000000000007
## 155                 2                 5.7                  2               15.1
## 156               0.5                 5.5                0.6               21.3
## 157               2.6 9.1999999999999993                0.8                  8
## 158               3.6                 9.5                1.8               11.2
## 159               3.3                 7.2 4.4000000000000004               25.9
## 160              13.5                  26                2.6               16.2
## 161 10.199999999999999                23.1                1.4                  9
## 162               1.8                14.6                0.4                7.6
## 163               1.5                 7.2                0.5                5.4
## 164               7.1                11.8                5.6               27.5
## 165               4.7                 7.9                2.9               14.6
## 166               0.8                 5.3                0.5                7.4
## 167 1.1000000000000001                 8.9                0.3                7.1
```

## 168	6	17.2	2.5	18.7
## 169	1.8	4.7	1.5	10.199999999999999
## 170	10.5	18.7	2.8	16.2
## 171	4	8.6999999999999993	1.5	9.3000000000000007
## 172	4.5	17	0.8	7.8
## 173	2.8	8.1999999999999993	2.200000000000002	15.7
## 174	2.9	21.4	0.2	3.1
## 175	5.5	19.2	0.6	6
## 176	1.4	17.2	0.5	13.6
## 177	0.1	1.1000000000000001	0.2	4.9000000000000004
## 178	2.4	18.899999999999999	0.3	5.8
## 179	3.5	9.6	2.5	20.6
## 180	1.5	7	2.1	23.6
## 181	5.4	9.4	1.7	7.2
## 182	1	15.6	0	0
## 183	2.5	6.9	2.9	21.4
## 184	1.6	4.3	0.6	4.5
## 185	1.5	7.7	1.5	19.899999999999999
## 186	2.9	4.9000000000000004	3.7	20.9
## 187	3.3	6.2	3.1	14.9
## 188	3.5	5.5	7.2	32.700000000000003
## 189	2	7.2	0.7	7.5
## 190	1.6	6.8	3.2	30.8
## 191	3.1	6	5.4	33.1
## 192	2.6	12.2	0.5	5.9
## 193	3.3	14.9	0.5	6.2
## 194	5.6	16.600000000000001	0.5	4.4000000000000004
## 195	4.2	9.5	1.5	9.1999999999999993
## 196	1.1000000000000001	5.4	0.7	8
## 197	2.4	4	6.1	30.9
## 198	4.0999999999999996	12.1	2.1	14.6
## 199	4.8	11.9	1.4	9.6999999999999993
## 200	6.6	11.1	5.2	24.6
## 201	5.6	14.5	0.8	5.4
## 202	3.5	20.399999999999999	0.8	11.3
## 203	4.7	7.3	5.9	31.2
## 204	2	12.4	0.4	6.7
## 205	4.9000000000000004	13.6	0.5	3.2
## 206	13.5	23.3	1.3	6
## 207	1.5	6.1	2	21.7
## 208	6.6	11.7	4.2	23
## 209	4.7	10.3	2.200000000000002	11.8
## 210	2.1	3.9	2.6	14.6
## 211	2.7	4.8	5.4	26.3
## 212	4.5999999999999996	7.6	2.8	14.3
## 213	3.8	7.4	1.7	8.3000000000000007
## 214	7.1	12.1	8.9	36.5
## 215	4.8	14	0.9	6.4
## 216	2.1	8.4	0.4	4.3
## 217	1.2	8.1999999999999993	0.4	6.1
## 218	3.9	7.9	1.6	7.8
## 219	2	9.6999999999999993	0.7	8.3000000000000007
## 220	5.2	9.1999999999999993	3.9	18.399999999999999
## 221	4.7	11.9	2.4	15.5

```
## 222 1.1000000000000001 8.3000000000000007                        1              17.8
## 223                5.5 9.1999999999999993                      1.4               6.3
## 224                  0                  0                        0                 0
## 225                  3                5.5                      5.3              24.6
## 226                4.8 17.899999999999999                      0.8               9.4
## 227                2.8                9.1                      1.3              11.6
## 228                  2               12.2                      0.6               7.7
## 229                  5 10.199999999999999                      2.8              17.8
## 230                3.3                6.4                      1.8 9.8000000000000007
## 231 5.0999999999999996                7.5                     10.4              46.9
## 232                8.6               12.9                     10.9              43.8
## 233                1.2                  6                      0.6               7.3
## 234                  3                6.6                      1.4               7.2
## 235                0.3                6.7                      0.1               7.6
## 236                6.2               15.2 1.1000000000000001               7.7
## 237                2.5 4.5999999999999996                      1.7               7.1
## 238                1.6                3.3 2.2999999999999998              14.1
## 239                1.4                5.8                      1.3                16
## 240                3.6                6.4                      1.9               8.4
## 241                0.5                8.6                      0.5              21.6
## 242 2.2999999999999998                  8                      0.9               7.1
## 243                6.8               11.4                      3.5 17.600000000000001
## 244                2.8               17.7                      0.5               7.4
## 245                  6               18.7                      2.5              22.8
## 246                  8               15.2 2.2999999999999998              10.5
## 247                  1               21.2                        0                 0
## 248                4.3               14.5                      0.6               5.2
## 249                2.7                5.7                      5.3              29.7
## 250                5.9 9.3000000000000007 4.0999999999999996              19.5
## 251                3.9               12.3                      0.7               5.6
## 252                7.1               21.4 1.1000000000000001               8.4
## 253 4.9000000000000004 9.3000000000000007                      3.4                18
## 254                4.7                7.6                      3.6              14.7
## 255                2.1 4.0999999999999996                      3.1              18.2
## 256                  2                5.8                      1.9              13.3
## 257                  3                7.7 1.1000000000000001               6.4
## 258                0.4                5.3                      0.4              12.3
## 259                3.4               10.6                      1.3              11.2
## 260                1.3 4.0999999999999996                      1.9              14.1
## 261                4.5                7.4                      6.1              26.3
## 262                3.6                6.4                      1.7               7.1
## 263                2.4               12.9                      1.2              15.6
## 264 8.3000000000000007               15.7                      1.7 8.3000000000000007
## 265                1.9                5.4                      1.2               8.5
## 266                1.8                7.6                      0.4               3.8
## 267                6.7               12.5                      3.4 20.100000000000001
## 268                2.6                7.3                      2.8              20.8
## 269                3.7                7.5                      1.9              10.6
## 270                8.4               26.7                      0.9               7.2
## 271                0.6                5.8                      0.5              12.6
## 272                3.3                5.9                      3.5              16.3
## 273                0.5                7.5                      0.3              13.5
## 274                4.8                8.9                      1.9 9.6999999999999993
## 275                2.9 17.399999999999999                      0.6               7.9
```

```
## 276              3.2               10.9               0.7                  6
## 277              6.7               16.2               1.8               11.5
## 278              3.5                9.4 2.2999999999999998            14.3
## 279              1.7               10.4               0.2                3.8
## 280              3.6                6.9               4.7                 24
## 281 4.900000000000004          7.8 4.900000000000004             22.4
## 282              4.8                7.5                 6               28.6
## 283              1.9                8.4               0.4 4.400000000000004
## 284              2.6                9.9               0.4                3.9
## 285              5.6               12.7 1.1000000000000001             6.8
## 286 2.200000000000002          6.5               0.9                7.9
## 287 4.0999999999999996         9.1 2.2999999999999998            15.1
## 288 2.200000000000002          6.8               1.5               14.5
## 289                6 9.6999999999999993               1                3.7
## 290              2.9                  7               3.1                 19
## 291              0.8                5.4               0.6                9.9
## 292              7.7               12.9               7.8               41.8
## 293              2.5                7.5               4.2               30.6
## 294              1.6                6.9               0.3                3.3
## 295              3.2                8.6               1.2                8.6
## 296              2.8                6.1               3.6               23.7
## 297              0.9                5.2               0.5                7.2
## 298                5               26.3               0.8               10.9
## 299              3.3                7.9               1.4                  8
## 300                3                9.4               1.7               13.7
## 301 4.0999999999999996 9.1999999999999993 2.200000000000002            12.2
## 302                6               11.1               1.8                8.9
## 303              2.5                8.4               1.5                 12
## 304                2                6.2               1.2 8.6999999999999993
## 305             10.8               17.8 8.300000000000007             40.4
## 306              3.5 8.300000000000007               0.8                4.8
## 307              1.3               10.9               0.3                5.3
## 308              3.3                 13               0.1                1.3
## 309              4.5               12.5               1.4                9.4
## 310                2 8.800000000000007               1.5 19.100000000000001
## 311              0.7                8.1               0.5 16.399999999999999
## 312              0.6                4.2 1.1000000000000001              20
## 313                2                6.1               3.7               28.6
## 314              7.5 18.899999999999999               1.6               10.1
## 315 2.2999999999999998          5.9               2.5               14.9
## 316              3.2                6.6               5.5 33.700000000000003
## 317              0.6                8.4               0.2                6.9
## 318              2.9               13.8               0.8                9.6
## 319                4               14.9               1.7               15.3
## 320               11               24.2               1.2                7.2
## 321              2.6                7.3               1.7               11.9
## 322                3               11.7               1.5               15.4
## 323              5.2               10.7               1.4                6.6
## 324 2.200000000000002         14.1               0.2                  4
## 325              1.5                7.1               0.5                5.9
## 326                3               11.8 1.1000000000000001            10.7
## 327              2.1                5.9               1.5               11.1
## 328              1.2                9.5               0.3                5.5
## 329              2.9               11.4 1.1000000000000001            10.9
```

```
## 330                 0.6               10.5                 0.4                 15.3
## 331                   1                7.8                 0.4                  7.1
## 332                 1.8                 14                 0.8                 15.2
## 333                 6.1                 12                 1.9 9.8000000000000007
## 334                 2.9                  9                   1                  7.8
## 335                 3.6 9.3000000000000007                 1.5                  9.4
## 336                 1.9                6.9                 0.7                  5.9
## 337                   5                7.9 4.9000000000000004                 23.4
## 338                 1.5                5.8                 0.6                  6.4
## 339                 0.7                7.5                 0.1                  3.9
## 340                 1.3               22.4                 0.5 20.399999999999999
## 341                 3.2                8.9                 1.3                  9.1
## 342                   2                6.9                 3.6 33.200000000000003
## 343                 1.6                  8                 0.4                  5.2
## 344 4.4000000000000004               14.6                 0.8                  7.2
## 345                 6.5               10.7                 5.2                 24.9
## 346 2.2999999999999998               13.6                 0.7                  9.6
## 347                 4.3                8.6                   6 34.200000000000003
## 348 4.5999999999999996                7.6 4.9000000000000004                 22.8
## 349                 1.3                4.3 2.2999999999999998                 18.7
## 350                 4.2                6.3                 7.5                 34.6
## 351                 2.7               10.7                 0.5 4.9000000000000004
## 352                 5.3               14.7                 1.9                 13.3
## 353                   5                9.6                 0.7                  3.5
## 354                 3.8               10.6                 0.8                  5.9
## 355                   1                2.9                   1                  6.5
## 356                 7.4               16.7                 2.5                   16
## 357                 5.3                8.4                 7.3                 31.8
## 358 2.2000000000000002                6.8                 1.2                  8.5
## 359                 3.7               12.8                 0.6                  5.3
## 360                   0                  0                   0                    0
## 361 2.2999999999999998               13.1                 0.5                  7.8
## 362                 3.2                6.2                 3.5                 18.8
## 363                 1.4 8.1999999999999993                 0.4                    6
## 364                 1.5                6.7 2.2999999999999998                 25.6
## 365                 3.6               10.8                 1.6                 11.3
## 366                 3.9                 26                 0.3                  5.9
## 367                 5.3               11.3                 0.9                    5
## 368 4.5999999999999996               11.5                 2.8                 16.5
## 369                 5.4               12.1 1.1000000000000001                  6.8
## 370                 2.7 9.3000000000000007                 1.3                 11.5
## 371                 3.1               10.3                 1.7                 13.9
## 372                 0.8                5.2                 0.4                  7.9
## 373 2.2000000000000002               13.1                 0.5                  7.5
## 374                   3                7.8                   3                 22.2
## 375                 1.4 4.4000000000000004                 0.4                  3.1
## 376                 0.9                3.1                 1.6                   15
## 377                 1.6                4.7                 0.9                  6.3
## 378                 1.7                6.1                   2 19.899999999999999
## 379 1.1000000000000001                7.1                 0.9 16.399999999999999
## 380                 0.6 4.9000000000000004                 0.8                   15
## 381                 3.9                6.2                 4.7                   23
## 382                 3.7                7.7                 6.6 34.299999999999997
## 383                 3.6               10.1 1.1000000000000001                  8.6
```

```
## 384               3.7 8.3000000000000007 1.1000000000000001                    6.4
## 385               3.3                 7.4                 1.3                    7.8
## 386 1.1000000000000001                 6.4                 0.2                    3.2
## 387               5.2 18.899999999999999                   1                   11.4
## 388               5.3                22.3                 0.5                    4.8
## 389               1.4                 6.3                   1                   13.6
## 390               1.4                11.7                 0.2                    3.6
## 391               2.1                 6.2                 3.8                     28
## 392               2.1                 6.6                 0.9                    7.8
## 393               1.6                 5.2                 0.5                    4.3
## 394               2.6                12.8 1.1000000000000001                   12.7
## 395               2.8                  11                 0.8                    7.7
## 396               3.1 8.1999999999999993                 2.5                   17.5
## 397                 1                 6.8                 0.7                   11.4
## 398               3.1                12.8                 0.8 8.1999999999999993
## 399                 6                 9.4                 5.4                   23.2
## 400               1.3                 6.3                 1.2                   15.4
## 401               4.7                12.7                 1.8                   11.6
## 402               1.7                 3.7                 2.4                   13.5
## 403 2.2999999999999998                 5.6                 3.1                   20.3
## 404 4.4000000000000004                   7                 5.2                   26.7
## 405               0.4 4.9000000000000004                 0.4                   11.9
## 406               2.4                 6.2                 2.1                   15.7
## 407               1.7                 6.6                 1.5                   13.7
## 408                 4                 6.5                 7.4                   33.5
## 409                 1                10.1                 0.3                      8
## 410 4.0999999999999996 8.8000000000000007                   1                    5.6
## 411 4.4000000000000004                12.4                 1.2                    8.6
## 412                 2 4.5999999999999996                 3.2 17.100000000000001
## 413                 1                 4.2                 0.4                    4.8
## 414               7.1                11.8                 5.4                   25.9
## 415                 4                 6.5                 4.8                   20.3
## 416               3.8                10.6                 0.8                      7
## 417               2.1                 6.5                 1.6                   13.5
## 418                 3                 6.7                 1.8                   12.3
## 419               2.6                 9.9                 0.8                    7.3
## 420               6.7                  12                 3.1                   14.4
## 421               2.8                10.6                 0.5 4.5999999999999996
## 422               2.4                 5.9 2.2999999999999998                     14
## 423               2.4                 8.1                 0.8                    7.3
## 424               1.6 9.3000000000000007                 0.2                      3
## 425               6.4                14.3                 0.7 4.0999999999999996
## 426 2.2999999999999998                 6.8                 1.5                   12.5
## 427               0.9                 5.2                 0.6 8.1999999999999993
## 428                 1 10.199999999999999                 0.3                    8.1
## 429               3.2                 6.2                 2.6                   14.5
## 430                 9                20.2                 3.4                   21.4
## 431               3.9 9.3000000000000007                   1                    6.9
## 432                 2                11.5                 0.2                    3.6
## 433               2.6                 8.6                 0.7 5.0999999999999996
## 434               2.4                10.4                 0.5                    6.1
## 435                 4 8.3000000000000007 2.2000000000000002                   13.2
## 436               2.6                 7.1 1.1000000000000001                      7
## 437               3.3                14.8                 0.4 4.4000000000000004
```

```
## 438                   3.1                  5.3                   1.9                   8.6
## 439                   1.8 8.6999999999999993                   0.5                   5.8
## 440                   5.7 9.1999999999999993                   4.2                  18.7
## 441                   4.8                  7.6                     5                  25.3
## 442                   3.5                  7.2                   3.5                  18.8
## 443                   5.3                 12.8                   1.3                   9.5
## 444                   6.1                 12.9                   2.1                  11.7
## 445                   8.4                 14.5 4.0999999999999996                  21.9
## 446                   6.8                 11.5                   2.5                  10.4
## 447                   1.6                  8.6                   0.5                   6.8
## 448                   3.4                  7.4                   2.9                  17.7
## 449                   1.6                 16.8                   0.3                   8.5
## 450                     6                 10.4                   1.3                   6.5
## 451                     2                 12.2                   0.3                     5
## 452                   3.6                 14.5                     1                  10.8
## 453                   3.2 9.8000000000000007                   1.3                  11.4
## 454                     1                  8.4                     1                  17.8
## 455                     2                  7.3                   0.8                   6.7
## 456                   3.8                 10.6 1.1000000000000001                   8.1
## 457 4.4000000000000004                    8                   8.9 40.799999999999997
## 458                   2.4                  7.6                   3.6                  28.1
## 459 1.1000000000000001                 14.5                   0.1                     4
## 460                   3.4                  7.9                   3.2                  21.6
## 461 2.2999999999999998                 13.9                     0                     0
## 462                     1                 14.6                     1                  29.7
## 463                   1.2                 11.5                   0.1                   2.7
## 464                   2.8 19.100000000000001                   0.5                     9
## 465                   0.3                    8                   0.1                   3.7
## 466 9.3000000000000007                 19.3                   3.6                    21
## 467                   7.9                 15.8                   1.9                  10.1
## 468                   1.3                 18.3                   0.2                   6.6
## 469                   4.7 10.199999999999999 2.2000000000000002                  13.1
## 470                   1.8                    5                   1.9                  15.4
## 471                   3.8                  6.3                   6.3                  31.2
## 472                   7.3                 13.2 1.1000000000000001                   5.6
## 473                   5.5                 14.2                     2                  13.1
## 474                   4.7                 10.9                   1.7                  11.4
## 475                   1.3                 13.7                   0.1                   2.5
## 476                   7.1 17.899999999999999 1.1000000000000001                   7.4
## 477                   8.9                 15.8                   1.6                   8.4
## 478 4.0999999999999996                 13.5 1.1000000000000001                   8.9
## 479                     3                  5.4                   1.8                    10
## 480                   3.3 5.0999999999999996                   1.9                   8.1
## 481                   2.8                  8.6                   0.6                   4.3
## 482                   3.7 8.8000000000000007                   2.4                  15.4
## 483                   2.4                  6.9                   1.8                  13.3
## 484                   2.1                    6                     2                  16.2
## 485                   0.8                  5.9                   0.5 8.6999999999999993
## 486                     2 5.0999999999999996                   1.8                  12.9
## 487 10.199999999999999                 14.7                     6                  27.2
## 488                     4                  7.6                   1.3                   6.5
## 489                   1.7 4.9000000000000004                   1.3                   9.5
## 490                   0.9                  4.5                   0.8                  10.3
## 491 2.2999999999999998 18.899999999999999                   0.5                  10.9
```

```
## 492 4.5999999999999996              12.9                  1 8.6999999999999993
## 493                 0                 0                  0                 0
## 494               2.5               7.8                  1 8.6999999999999993
## 495               0.6               9.5                0.1               4.2
## 496               3.3                 6                2.6              12.1
## 497               0.1                 2                0.4              20.6
## 498 2.2000000000000002               5.8                  2              13.9
## 499 2.2999999999999998 4.9000000000000004                2.6              12.5
## 500                 3              13.2                0.8               7.4
## 501                 2               6.8                0.9                 7
## 502               3.5               6.3                1.8 8.3000000000000007
## 503 2.2000000000000002               6.6                1.5 10.199999999999999
## 504               0.8 4.0999999999999996                  1              14.1
## 505               8.1                16                0.5               2.9
## 506               5.6              12.4                1.8              11.4
## 507                 2               7.5                3.5 32.200000000000003
## 508               3.1               8.4                5.8              38.6
## 509               1.9               4.7                4.2              32.5
## 510               2.9               5.8                4.2              26.3
## 511               3.4               6.1                2.4              13.4
## 512 4.4000000000000004               6.9                4.2                20
## 513               3.3               6.8                6.4 33.299999999999997
## 514               2.6                 5                5.8 33.700000000000003
## 515                12                18                6.7              27.5
## 516               2.1              11.7                0.5               6.9
## 517               2.7              13.2                0.1               1.8
## 518               3.8              12.4                1.3              10.4
## 519               2.4                 6                4.7              27.9
## 520               3.5                 6                5.8              26.9
## 521               2.4               7.8                0.8               6.1
## 522               3.5 9.3000000000000007                0.3               1.7
## 523               3.1 4.9000000000000004 4.4000000000000004              22.6
## 524               1.8 4.4000000000000004                1.6 9.3000000000000007
## 525               0.5                 5                  0                 0
## 526               7.2              11.1                4.5              20.5
## 527 2.2999999999999998              17.3                0.5              10.3
## 528               0.5              11.7                  0                 0
## 529               7.2              12.2                6.9              31.3
## 530 2.2000000000000002               6.8                1.4              11.4
## 531               1.5              12.1                0.3               5.4
## 532 1.1000000000000001 10.199999999999999                0.3               6.6
## 533               3.5               5.9                5.7              23.6
## 534               0.7               3.9                  1              14.6
## 535               2.7               7.5                3.7              28.8
## 536               3.4               8.6                3.9              24.7
## 537               1.4              13.5                0.1               3.4
## 538               2.4               6.2                1.3               7.9
## 539                 2              11.4                  0                 0
## 540               0.8              11.6                  0               1.4
## 541               2.4              10.7                0.6               7.5
## 542               6.7              17.3                0.9               6.3
## 543 1.1000000000000001 4.5999999999999996                0.6               7.3
## 544               1.8               5.9                0.9               7.9
## 545               5.3 9.8000000000000007                2.5              13.2
```

```
## 546                  7.4                 11.5                 4.3                 20.3
## 547                  1.7  5.0999999999999996                 2.1                 16.2
## 548                  1.5  4.9000000000000004                 2.8                 22.2
## 549                  2.8                  5.8 2.2000000000000002                 10.5
## 550                  0.5                  5.9                 0.5                 13.9
## 551                  5.2                 11.9                 1.6 9.3000000000000007
## 552                  5.9                 13.1                 1.8                   10
## 553                    1  8.8000000000000007                   1                 22.5
## 554                  1.8                  7.3                 0.9                  9.9
## 555                  1.3                  4.5                 1.7                   15
## 556                  3.6                  6.3                   5                 26.9
## 557                  0.8                    6                 0.3                  6.7
## 558                  1.2                  9.1                 0.5                 11.2
## 559                  8.1                   19                 1.2                  7.2
## 560                  0.4                  3.7                 0.3                    7
## 561                  1.9                  4.7                 2.4                   16
## 562                  1.9                  5.3                   1                  6.3
## 563                  1.3                    7                 0.4                  5.6
## 564                  4.3                 12.5                 1.3                  9.4
## 565                  0.9                  5.6                 0.2                  2.5
## 566 2.2000000000000002                   11                 0.5                  6.4
## 567 4.4000000000000004                 11.2                 2.8 18.100000000000001
## 568                  0.8                  5.2                 0.5                  7.6
## 569                 10.6                   17                 4.5                 22.6
## 570 2.2000000000000002                  3.9                 1.4                  6.7
## 571                  3.6                  6.2                 1.3                  6.4
## 572 4.5999999999999996 8.1999999999999993                 1.4                  6.1
## 573                  2.8                  7.4                 0.8 4.5999999999999996
## 574                  0.8                  8.9                 0.4                 12.2
## 575                  6.5                 11.4                   1 4.4000000000000004
## 576                 12.5                 23.4                 1.8                   10
## 577                  3.2                 10.5                 1.7                   14
## 578                  5.8                 17.5                 1.2 9.3000000000000007
## 579                  4.2                  6.4                 6.3                 26.7
## 580                    4                 31.1                 0.6                 12.2
## 581                  2.8  8.8000000000000007                 0.9                  7.1
## 582 1.1000000000000001  4.9000000000000004                 1.3                 15.1
## 583                  0.3  5.0999999999999996                 0.3                 10.4
## 584                 11.8  17.899999999999999                 3.8                 22.1
## 585                 11.6                 19.7                 3.9                   20
## 586                  3.4                  9.9                 1.2                  8.9
## 587                  2.9                 10.3                 1.3                 11.7
## 588                  2.1  17.399999999999999                 0.7                 12.4
## 589 4.9000000000000004 9.8000000000000007 1.1000000000000001                  6.4
## 590                  2.6                  5.4                 1.7                  9.6
## 591                    4                  6.9 4.9000000000000004                 23.8
## 592                  3.2                  5.3                 6.9 36.200000000000003
## 593                  1.7                  5.6                 2.5                 20.8
## 594                  1.8  4.9000000000000004                 3.4                 24.9
## 595                  3.5                  6.5                 1.3                  6.4
## 596                  6.5                 11.6                 2.5                 12.2
## 597                  3.2                   12                 0.8                  7.7
## 598                  0.8  4.9000000000000004                 2.4                 36.4
## 599                  1.7  8.3000000000000007                 0.6 8.1999999999999993
```

```
## 600                 0.6                4.8               0.4                  9
## 601                11.5               16.8              11.7               48.6
## 602 4.099999999999996              7.3               4.8               21.8
## 603                  3                5.4               3.5 17.399999999999999
## 604                  6               21.9               0.6                5.6
## 605                  0                  0                 0                  0
## 606 4.900000000000004              7.8               2.4               10.9
## 607                6.9               20.2               1.8               14.2
## 608                2.8 8.6999999999999993                 1                7.4
## 609 4.099999999999996                9.9 2.2999999999999998 16.399999999999999
## 610                2.1                5.4               3.4               23.3
## 611                2.1                5.4               3.4               23.7
## 612                7.2               11.8               3.7               19.8
## 613 4.5999999999999996              9.1               1.4                6.7
## 614                2.1               12.6               0.3                3.7
## 615                3.8               14.1               0.9 9.3000000000000007
## 616                3.5               11.6 1.1000000000000001                9.4
## 617                4.5               12.3               1.9               13.3
## 618                0.4 4.900000000000004               0.5               16.3
## 619                5.8               14.4               0.7 4.9000000000000004
## 620                1.2 19.600000000000001               0.2                6.2
## 621                9.6               15.9               1.7                9.4
## 622 4.5999999999999996 8.6999999999999993                5               25.7
## 623                3.9                8.4               3.6 18.899999999999999
## 624                6.2               14.1               4.3               27.1
## 625                3.9                6.3               9.4               45.5
## 626                6.8               17.7               1.8               13.2
## 627                7.2 18.100000000000001               1.3                7.9
##                     SPG                BPG                TPG
## 2                  0.33               0.46                0.7
## 3                     0                  0                  0
## 4                  0.93               0.66               1.36
## 5                  1.17               1.03               2.64
## 6                  0.38               0.86               0.95
## 7                   0.6 2.2000000000000002                1.4
## 8                     0 7.0000000000000007E-2               0.2
## 9                  1.02               0.48                1.5
## 10                 0.92               0.16               0.96
## 11    0.57999999999999996              1.58               1.83
## 12                 0.47               1.41               1.53
## 13                    1               0.53               1.47
## 14                 0.33                  0                0.5
## 15                 1.22               0.83               1.25
## 16                 1.18               1.21               3.39
## 17                 0.13               0.27               0.73
## 18                 0.39               0.18               0.75
## 19                 0.67 0.5500000000000004               0.88
## 20                 0.64               0.38 2.2599999999999998
## 21                 1.53               0.72               1.74
## 22                  0.2                  0               0.23
## 23                    1                0.6                0.7
## 24                 0.54               0.03               0.92
## 25                  0.4                  0               1.55
## 26                 0.59 0.2800000000000003               0.61
```

```
## 27                       0.59                      1.17                  1.48
## 28  7.000000000000007E-2                      0.27                   0.2
## 29                       0.61 7.000000000000007E-2                  0.63
## 30                       0.49                      0.49                  1.37
## 31                       1.59                      0.35                  2.84
## 32                       1.49     0.56000000000000005    2.2400000000000002
## 33                        0.3                      1.26                   0.8
## 34                       0.62                      0.24                  0.87
## 35                       0.74                      0.19                   1.6
## 36                       0.74     0.28000000000000003                  1.93
## 37                       0.89                      0.41                  1.71
## 38                       0.37                      0.17                  0.23
## 39                       1.03     0.55000000000000004                  0.79
## 40                        0.3                      0.43                  0.87
## 41                       1.03                      0.49                  1.22
## 42                       0.53                      0.45    2.2200000000000002
## 43         1.1499999999999999                      0.37                  3.12
## 44                       0.81                      0.19                  1.62
## 45                        0.6                       0.6                   0.6
## 46                          0                         2                     1
## 47                       1.04                      0.35                  1.39
## 48         0.57999999999999996                      0.23   0.57999999999999996
## 49                       0.76                      0.76                  0.92
## 50                       0.74                       0.2                  0.86
## 51                          0                      0.06                  0.17
## 52                       0.67       0.57999999999999996                  0.48
## 53                       0.89        1.1599999999999999    1.1100000000000001
## 54                        0.2                      1.33                  0.38
## 55                       0.26        1.1200000000000001                  1.08
## 56                       0.31                      0.08                  1.08
## 57                       0.64                      0.27                  0.45
## 58                       0.77                      0.34                  1.58
## 59                       0.12                         0   0.28999999999999998
## 60                       0.63                      0.06                  1.78
## 61         1.1100000000000001                       0.3                  1.23
## 62                       0.09                      0.31                  0.41
## 63                       0.33                      0.33                  0.33
## 64        0.14000000000000001                         0                  0.21
## 65        0.28000000000000003                      0.23   0.55000000000000004
## 66                       0.79                      0.24                  3.09
## 67        0.57999999999999996                      1.85                  0.77
## 68                          0                         0                     0
## 69                        0.7                       0.1                   0.9
## 70                       0.82                      0.18    1.1200000000000001
## 71                        0.3                      0.65                   0.3
## 72                       0.41                      0.77                  1.23
## 73                       0.25 7.000000000000007E-2   0.28999999999999998
## 74                          0                         0                  0.25
## 75                          0                         0                     0
## 76                        0.5                      0.38                  1.38
## 77                       0.67                      0.79                  1.61
## 78                       1.06                      0.88                  0.81
## 79                          0                         1                   0.8
## 80                        0.9                      0.95                  0.48
```

```
## 81                 0.88                     0.27 2.0499999999999998
## 82                  0.6                     0.25 1.1000000000000001
## 83    1.1599999999999999                     0.39                 1.78
## 84                 0.44                     0.22                 0.67
## 85   0.14000000000000001                     0.19                 0.76
## 86                 0.54                     0.15                 0.38
## 87                 0.86                     0.43                 0.83
## 88                 1.24   0.55000000000000004                 2.72
## 89                 0.72   1.1200000000000001                    1
## 90                 0.75                     0.24                  0.8
## 91                 0.51                     0.01                 1.18
## 92                    0                        1                    4
## 93                  0.4                      0.8 1.1000000000000001
## 94                  0.8                     0.17                 0.69
## 95                  0.6                      0.1                 0.53
## 96                 0.63   0.28999999999999998                    1
## 97                 2.08                     0.35                  2.1
## 98                    0                     0.33                 0.67
## 99                 0.25                      0.2                  0.2
## 100                0.93                     0.39                 1.01
## 101                1.22                     0.22 1.1200000000000001
## 102                0.27                     0.05                 0.34
## 103                0.63                     0.13                 0.25
## 104                 0.7   2.0499999999999998   1.1599999999999999
## 105                0.05                     0.26                 0.26
## 106  0.56000000000000005                     0.75                 1.53
## 107                0.77                     0.82                 1.32
## 108                0.48                     0.15                 0.27
## 109                0.81   0.55000000000000004                 2.23
## 110  1.1000000000000001                     0.26                 1.31
## 111                 0.4                     0.81 0.55000000000000004
## 112                0.32                     0.27                 0.73
## 113                   0                        1                    1
## 114                1.03                     0.86 0.56000000000000005
## 115                0.34                      0.2                 0.49
## 116                   0                        0                    0
## 117                 0.5                        0                    0
## 118                 0.9                     0.15                 1.69
## 119                0.72                     1.25 0.56000000000000005
## 120                0.23                        0                 0.34
## 121                0.54                        1                 1.33
## 122                1.37                     0.18                 1.94
## 123                0.68                     0.33                 0.48
## 124                0.06                     0.06                 0.19
## 125                0.43                        0 0.56999999999999995
## 126                   0                        0                 0.25
## 127  0.28999999999999998 7.0000000000000007E-2                 0.75
## 128                0.84                     0.72                 1.56
## 129                0.81                     0.38                 1.56
## 130                1.44                      1.2                 0.91
## 131                 0.5                     0.39 0.28000000000000003
## 132                0.59                     0.59                 0.63
## 133                0.82                     0.43                 0.92
## 134                 0.5                     0.26                 0.82
```

```
## 135                  0.77  0.140000000000001   1.1399999999999999
## 136                  1.21               0.13                 3.38
## 137                     0  0.140000000000001 0.140000000000001
## 138                  1.25               1.64                 2.06
## 139  0.56999999999999995  0.56999999999999995                 0.3
## 140                   0.5               0.21                 0.85
## 141                  1.04               0.26                 1.26
## 142                   0.8                  0                 0.6
## 143  0.56000000000000005               0.38                 0.81
## 144                  0.31               0.08                 0.46
## 145                  0.92               0.25                 1.95
## 146                   0.5               0.43                 0.21
## 147                  0.97               0.38                 1.53
## 148                   0.5                0.6                 1.35
## 149                  0.77               0.64                    1
## 150  0.56000000000000005               0.13                 0.63
## 151                  0.67               0.33                 1.67
## 152   1.0900000000000001               0.23                 1.39
## 153                  0.97  0.55000000000000004                 4.26
## 154                  0.87               0.37                 1.52
## 155                  0.35               0.09                 0.91
## 156                  0.36                  0                    0
## 157                  0.43               0.16                 0.79
## 158                  0.62               0.44                 0.94
## 159                  0.66  0.140000000000001                 2.38
## 160                   1.6  1.1599999999999999                 3.24
## 161   1.1000000000000001               0.95   2.0499999999999998
## 162                  0.08               0.08                 0.17
## 163                   0.5                0.5                 0.75
## 164                  0.71               1.29                 3.43
## 165   1.1399999999999999               0.49   2.2400000000000002
## 166                  0.23               0.03                 0.23
## 167                   0.2                0.1                 0.17
## 168                     0                0.5                    0
## 169                  0.39                0.2                 0.72
## 170                  0.98               1.35                 3.12
## 171                  0.78               0.17                 0.9
## 172                  0.33               0.91                 0.83
## 173                  0.67               0.33                 1.17
## 174                  0.06   1.1100000000000001                 0.33
## 175                  0.47                  1                 0.53
## 176                  0.22                  0                 0.22
## 177                  0.08                  0                 0.31
## 178                  0.12               0.09                 0.64
## 179                   1.5                0.5                 1.5
## 180                   0.5               0.25                    0
## 181                  0.87                0.4                 0.8
## 182                     0                  0                    0
## 183                  0.83               0.15                 0.91
## 184                  0.33               0.01                 0.63
## 185                   0.3               0.13                 0.7
## 186                  1.04               0.35                 2.08
## 187                  1.25               0.63                 1.19
## 188                   1.5               0.47                    3
```

```
## 189               0.43                   0.43 0.28999999999999998
## 190                0.4                    0.2                 0.8
## 191                  1                   0.25                2.25
## 192               0.43                   0.38                0.71
## 193               0.35     1.1000000000000001                0.71
## 194               0.65                   1.78                0.83
## 195               0.59                    0.2                0.84
## 196                0.2                      0                0.33
## 197               1.22                   0.11                3.04
## 198                0.5     1.1200000000000001                1.02
## 199               0.73                   0.63                1.03
## 200  1.1499999999999999                   0.44                3.31
## 201               0.69     1.0900000000000001                0.49
## 202               0.21                   0.34                0.53
## 203               0.77                   0.66                3.03
## 204               0.38                   0.15                0.31
## 205               0.65                   1.05                 0.6
## 206  0.56000000000000005                  2.68                1.66
## 207               0.36                      0                0.77
## 208               0.64                    0.8                2.68
## 209               0.68    0.56000000000000005  1.1599999999999999
## 210               0.52                   0.48                1.89
## 211               0.87                   0.11                1.53
## 212               0.65                   1.07                2.02
## 213               1.33                   0.81                0.96
## 214                1.7                   0.83                2.98
## 215               0.45                   0.38                0.91
## 216               0.72                   0.08                0.52
## 217               0.63                   0.25                0.38
## 218               0.53                    0.4                0.79
## 219               0.41                   0.08                0.44
## 220                0.7                    0.1                 1.6
## 221               0.69                    0.5  1.1499999999999999
## 222               0.19                      0                0.35
## 223               0.79                   0.12                1.19
## 224                  0                      0                 0.5
## 225               1.33                   0.48                1.59
## 226               0.38                   0.77                0.62
## 227               0.19                   0.05                1.19
## 228                0.2                   0.08                0.44
## 229               0.62                   0.35                1.62
## 230               0.44                   0.16                0.91
## 231               0.88                   0.75                4.25
## 232               1.28                   0.75                3.97
## 233               0.18                   0.36                0.27
## 234               1.08                   0.65                0.77
## 235                  0                      0                0.38
## 236               0.67                   0.71                1.07
## 237               0.89                   0.21                0.74
## 238  0.55000000000000004                   0.3  1.1499999999999999
## 239               0.62                      0                1.08
## 240               0.68                    0.2                 0.9
## 241               0.12                      0 0.28999999999999998
## 242               0.88    0.28999999999999998                0.35
```

```
## 243                0.89               0.82                1.73
## 244                0.37               0.67                 0.7
## 245                 0.5               1.19                1.44
## 246                0.81               0.26  1.0900000000000001
## 247                   0                  0                   0
## 248                0.42               0.63                0.65
## 249                1.04               0.38                3.19
## 250                1.18               0.32  2.0699999999999998
## 251                0.37               0.13                0.52
## 252                0.47               0.49                0.72
## 253                0.65               0.31                1.87
## 254                0.89               0.42                1.83
## 255                0.86  0.14000000000000001                0.86
## 256                0.69               0.19                1.19
## 257                 0.7               0.15                0.59
## 258  0.28999999999999998                0.1                0.24
## 259                0.68               0.26                0.89
## 260                 0.7                0.2                   1
## 261                1.64               0.63                2.15
## 262                1.03  0.56999999999999995                0.75
## 263                0.18               0.36                0.18
## 264                0.64               1.56                1.23
## 265                0.53               0.11                0.82
## 266                0.24               0.18  0.28999999999999998
## 267                0.89               0.93                1.04
## 268                0.97               0.32                1.63
## 269  0.57999999999999996               0.44                   1
## 270                0.43                0.9                1.62
## 271                0.11               0.03                0.49
## 272                1.19               0.26  1.1399999999999999
## 273                0.06               0.06                0.33
## 274                0.83               0.52                1.26
## 275  0.14000000000000001                  0                0.71
## 276                0.61  0.28000000000000003                0.83
## 277                0.22  1.1499999999999999                1.07
## 278                0.92               0.52                1.06
## 279                0.59               0.18                0.47
## 280                0.67               0.18                1.75
## 281                0.69               0.59  2.5099999999999998
## 282                1.41               0.69                2.39
## 283                0.39               0.13                0.26
## 284                0.33               0.06                0.72
## 285  1.0900000000000001               1.64                1.36
## 286                0.38               0.03                0.88
## 287                0.85               0.76                2.29
## 288                0.45               0.06                0.94
## 289                   0                  0                   1
## 290                0.63                0.1  1.1000000000000001
## 291                0.22               0.08                0.42
## 292                1.07  0.56000000000000005                3.73
## 293                0.46               0.08                1.54
## 294                0.39               0.22                0.44
## 295                0.62               0.46                0.46
## 296                0.61               0.18                1.42
```

```
## 297  0.28999999999999998                   0.1                   0.27
## 298  0.28000000000000003   0.28000000000000003                    0.5
## 299                 0.62                  0.27                   0.67
## 300                 0.83                  0.79                   0.93
## 301                 0.82                  0.86                   1.27
## 302  0.57999999999999996                  0.35   1.1299999999999999
## 303                 0.85                  0.31                   0.89
## 304                 0.36                     0                   0.44
## 305                 1.32                  0.67                   3.08
## 306                 0.64                  0.93   0.55000000000000004
## 307 7.0000000000000007E-2                 0.36                   0.43
## 308                 0.13                  0.88                   0.63
## 309                 0.53                     1                   0.88
## 310                 0.23                  0.04                   1.08
## 311                 0.17                     0                   0.17
## 312                 0.22                     0                   0.35
## 313                  0.9                  0.09                   0.69
## 314                  0.3    1.1399999999999999                   1.49
## 315                 0.86                   0.2                      1
## 316                 1.21                  0.47                   1.79
## 317                 0.09                  0.13                   0.26
## 318                 0.38                  0.63   0.56000000000000005
## 319                  0.3                  0.36                   0.47
## 320                 0.46                  0.67                   1.08
## 321                 0.35   0.14000000000000001                   0.76
## 322                 1.17                   0.5                   0.67
## 323                 0.48                   0.7                    0.6
## 324                 0.27                   0.3                   0.45
## 325  0.28999999999999998   0.14000000000000001                    0.4
## 326                  0.7                  0.21                   0.42
## 327                 0.89                  0.16                   0.84
## 328                 0.15                  0.54                   0.08
## 329                 0.11                  1.39                   0.33
## 330                    0                     0                      0
## 331  0.55000000000000004                  0.36                   0.82
## 332                  0.6                     0                    0.8
## 333                  0.5                   0.6                   1.66
## 334                 0.25                  0.21                   0.79
## 335                 0.94                  0.64                   0.61
## 336                 0.33                  0.22   0.56000000000000005
## 337                 0.79                  0.47                    3.5
## 338                 0.64                  0.42   0.57999999999999996
## 339  0.28999999999999998   0.14000000000000001   0.28999999999999998
## 340                    0                     0                      0
## 341                 0.67   0.14000000000000001                   0.53
## 342                 0.67                  0.27   1.1499999999999999
## 343  0.14000000000000001                  0.86   1.1399999999999999
## 344                 0.33                  1.02                   0.82
## 345                 1.56                   0.4                   2.02
## 346                    0                     0                   0.67
## 347                 1.08                   0.5                   2.17
## 348                 1.51                  0.69                   2.17
## 349                  0.7                  0.19                   0.63
## 350                 0.93                  0.25                   3.03
```

```
## 351                   0.1                   0.27                0.38
## 352                  0.36                   0.36                0.61
## 353    0.56999999999999995                   1.47                0.91
## 354                  0.21                   0.62                1.06
## 355                  0.67                      0                   1
## 356                  0.64                   0.08                1.52
## 357                  1.02                   0.26                2.74
## 358    0.56999999999999995                    0.1                0.74
## 359                  0.26                   0.04                0.26
## 360                     0                      0                   1
## 361                  0.25                    0.5                0.38
## 362                  0.85                   0.17                2.17
## 363                     0                    0.2                 0.3
## 364                  0.53                   0.03                1.07
## 365                  0.45                   0.19                 0.6
## 366                  0.06                   0.18                0.36
## 367                  0.51    0.28999999999999998                1.02
## 368                  0.81                   0.31                1.19
## 369                  0.67                   0.91                0.84
## 370                   0.7                   0.23                0.62
## 371                  0.73                   0.23                0.77
## 372    0.56000000000000005                   0.22                0.67
## 373    0.28999999999999998    0.28999999999999998                0.46
## 374                     0                      0                1.25
## 375                  0.45                   0.11                0.16
## 376                  0.13                   0.38                0.13
## 377                  0.64    0.28000000000000003                0.45
## 378                  0.43                   0.21                0.67
## 379                  0.42                   0.06                0.27
## 380                   0.4                      0                   0
## 381                  0.94                   0.45                1.36
## 382                  1.86                   0.33                1.96
## 383                   0.6                    0.4                0.96
## 384    0.56000000000000005                   0.95                0.75
## 385                   0.3                   0.09                 0.8
## 386                  0.11                   0.17                0.22
## 387                  0.48                   1.21                1.36
## 388                  0.23                   1.08    1.1499999999999999
## 389                   0.5                   0.06                0.44
## 390                  0.18                      0                0.13
## 391                     1                   0.12                   1
## 392                  0.63                   0.09                0.88
## 393    0.14000000000000001    0.28999999999999998                0.71
## 394                  0.41                   0.05                0.32
## 395                  0.26                   0.13                0.22
## 396      1.1299999999999999                    0.6                1.27
## 397                  0.27                   0.03                0.33
## 398                  0.39                   0.53                0.81
## 399      1.0900000000000001                   0.15                 2.6
## 400                  0.67    0.28000000000000003                0.44
## 401                  0.91                   0.64                0.91
## 402                   0.6                   0.04                0.96
## 403                  0.62    0.28999999999999998                1.63
## 404                  0.98    0.28000000000000003                2.77
```

```
## 405 0.14000000000000001 7.000000000000007E-2              0.36
## 406                 0.45                  0.1              1.31
## 407 0.56000000000000005                 0.19              0.85
## 408                  0.9                 0.21              3.22
## 409 0.14000000000000001                 0.03 0.14000000000000001
## 410                  0.6                 0.26                 1
## 411                 0.36                 0.31              0.89
## 412                 0.72 0.28000000000000003              0.72
## 413                  0.2                  0.2              0.27
## 414                 1.51                  0.1              1.75
## 415                 1.33                 0.27              2.23
## 416                 0.23                 0.31               0.6
## 417                 0.75                 0.17              1.08
## 418                  0.8                  0.2              1.63
## 419                 0.42                 0.38              0.79
## 420                 1.74                 0.49              1.57
## 421                 0.33                  0.2               0.5
## 422    1.1399999999999999                 0.09              0.83
## 423                 0.36                  0.1              0.71
## 424                 0.17                  0.1              0.17
## 425   1.0900000000000001   2.2000000000000002              1.02
## 426                 0.52 0.28999999999999998              0.67
## 427 0.55000000000000004                 0.12              0.33
## 428                    0                    0              0.22
## 429                 0.96                 0.25              1.43
## 430                 1.03                 1.08              1.97
## 431                    1                  0.7 0.56999999999999995
## 432                 0.53                 0.23               0.8
## 433                  0.3                    0              0.38
## 434                 0.22                 0.19              0.78
## 435                 1.07                 0.51              0.84
## 436                 0.92                 0.47              0.73
## 437                 0.46                 0.66 0.57999999999999996
## 438                 0.93                 0.36              1.28
## 439                 0.27                  0.3              0.41
## 440                 1.67                 0.22                 2
## 441                  1.2                  0.5 2.5499999999999998
## 442                 1.75                  0.5               3.5
## 443                  0.5                    1              0.75
## 444                 0.93                  0.6              1.28
## 445                 1.44                 0.59              2.63
## 446                  0.8                 0.45              1.17
## 447                  0.2                 0.15               0.3
## 448                  0.9                 0.15              1.36
## 449                 0.17                 0.23               0.3
## 450                 1.04                 0.76              1.27
## 451                    0                 0.33                 1
## 452                  0.1                  0.4               0.7
## 453                  0.3                 0.18              1.08
## 454                    0                    0                 5
## 455                 0.37                 0.21 0.28999999999999998
## 456                 0.92                 1.08              0.31
## 457                 1.43                 0.26              2.23
## 458                  0.6                 0.27                 1
```

```
## 459                  0.6                   0.1                   0.1
## 460                 0.75   0.14000000000000001                  1.63
## 461                    0                     1                     1
## 462                    0                     0                     0
## 463                 0.11                  0.67                     0
## 464                 0.23                  0.23 0.57999999999999996
## 465                    0                     0                  0.06
## 466                 0.77                  0.89                  1.88
## 467                 0.68                  1.78                  1.22
## 468                    0                   0.3                   0.3
## 469                 0.44                  0.93   2.2000000000000002
## 470                 0.51                  0.18                     1
## 471                 0.73                  0.31                   3.5
## 472                 0.66                  0.89                  1.28
## 473                 0.48                  0.16                     1
## 474                 1.33                     0                     0
## 475                 0.27                  0.09                  0.64
## 476                 0.79                  0.39                  0.85
## 477                 0.47                  1.35                  1.19
## 478                  0.6                  0.52                  0.69
## 479   1.1200000000000001                  0.19                  1.83
## 480                  1.3                  0.37                  1.59
## 481                 0.67                  0.67                  0.92
## 482                 0.69                  0.52                  1.24
## 483 0.56000000000000005   0.14000000000000001                   0.8
## 484                 0.47                  0.19                  0.91
## 485                 0.31                  0.08                  0.23
## 486 0.56000000000000005                  0.12   1.1200000000000001
## 487                  0.9                  0.25                  3.38
## 488                 1.27                  0.35                  1.31
## 489 0.28999999999999998                  0.06                  0.81
## 490                 0.15                  0.08                  0.85
## 491                 0.38                   0.5                  0.46
## 492                 0.49                  1.07                  0.99
## 493                    0                     0                     0
## 494                    0                     0                     0
## 495                    0                     0                  0.17
## 496                 1.03                  0.41                  1.34
## 497 0.14000000000000001                     0 0.14000000000000001
## 498 0.56999999999999995                     0                  1.05
## 499                  1.2                  0.13                  0.93
## 500                  0.6                   0.2                   0.4
## 501                 0.17                  0.13                  0.48
## 502                  0.6   0.28000000000000003   1.1299999999999999
## 503                 0.71                  0.35   1.1200000000000001
## 504                 0.33                     0                  0.22
## 505   1.1299999999999999                  1.45                  0.84
## 506                 0.85                  0.61                  1.85
## 507                  0.7 7.0000000000000007E-2                  1.44
## 508                 0.94                  0.11   2.2200000000000002
## 509                  1.2                  0.27                  1.93
## 510                 0.89                  0.43                   1.4
## 511                 1.02                  0.46                  1.59
## 512                 1.25                  0.38                  1.87
```

```
## 513                 1.46                      0.06                   1.63
## 514                 1.07                      0.43                   2.67
## 515                 1.23                      0.53                   3.44
## 516                 0.24                      0.24                   0.61
## 517 7.0000000000000007E-2                     0.48                   0.52
## 518                  0.6                       0.08     1.1399999999999999
## 519                 0.69                       0.24                   1.66
## 520    1.1599999999999999                      0.21                   2.67
## 521                 0.47                       0.27                   0.37
## 522                    1                          0                   1.75
## 523                 1.05                       0.17                   2.78
## 524                 0.52                       0.16                   0.79
## 525                  0.5                          0                    0.5
## 526    1.1399999999999999                      0.68     2.3199999999999998
## 527                 0.09                       0.45                   0.82
## 528                    0                       0.25                   0.25
## 529                  1.6                        0.6                   2.98
## 530    0.28000000000000003                      0.13                   0.67
## 531                  0.1                          0                   0.25
## 532                  0.2                       0.33                   0.33
## 533                  1.5                        0.5                      2
## 534                    1                          0                   0.33
## 535                    1                        0.7                   1.25
## 536                 0.73                        0.3                   0.93
## 537                 0.04                       0.19                   0.26
## 538    0.28000000000000003                      0.23                   0.45
## 539                    0                          1                    1.5
## 540                 0.04                       0.08                   0.04
## 541                 0.43                       0.33     0.57999999999999996
## 542    0.56000000000000005                      1.26                   0.99
## 543    0.28000000000000003                      0.05                   0.21
## 544                 0.62                       0.19                   0.96
## 545                 1.21                       0.51                   1.41
## 546                 1.17                       0.48                   2.67
## 547                 0.76                       0.21     1.1499999999999999
## 548                 0.38                       0.24                   1.19
## 549                 0.77                       0.52                   1.02
## 550                 0.45                          0                   0.18
## 551                  0.6                       1.02                   0.98
## 552                  0.7                       0.61     1.0900000000000001
## 553                 0.25                       0.25                      1
## 554                  0.5                       0.32                   0.64
## 555                 0.33                          0                      2
## 556                  1.8                        1.2                    1.2
## 557                 0.08                          0                   0.23
## 558                 0.11                          0                   0.42
## 559                 0.44                       0.61     1.1499999999999999
## 560                 0.36 7.0000000000000007E-2 0.28999999999999998
## 561                    1    0.14000000000000001                      0.43
## 562                 1.62    1.0900000000000001                      0.49
## 563    0.28000000000000003                      0.44                   0.11
## 564                 0.75    0.56000000000000005                      0.76
## 565                 0.27                       0.18                   0.27
## 566                 0.27                       0.24                   0.37
```

```
## 567               0.77               0.49                1.17
## 568               0.25               0.38                   0
## 569               0.76 1.1399999999999999                 3.2
## 570                0.9               0.15                0.76
## 571 1.1200000000000001               0.24                0.71
## 572               0.88 0.5600000000000005                1.03
## 573                0.5                0.1                0.35
## 574 0.14000000000000001                  0 0.28999999999999998
## 575               0.85               3.38                1.43
## 576 0.5600000000000005               0.92                1.61
## 577               0.48               0.11                0.68
## 578                  1               0.73                0.83
## 579               1.67               0.71                1.83
## 580                  0                0.4                 0.2
## 581               0.69 0.28999999999999998                0.35
## 582               0.42               0.04                0.68
## 583                  0                  0                 0.5
## 584               0.95               0.64                1.89
## 585               0.88               0.77                1.65
## 586               0.54               0.33                0.48
## 587               0.88               0.32                0.84
## 588                  0               0.11                   1
## 589               0.36               0.82                1.18
## 590               0.48               0.25                1.08
## 591 1.1200000000000001 0.2800000000000003 2.0499999999999998
## 592               1.05               0.78                3.53
## 593               0.67               0.15                0.95
## 594               0.73               0.23                1.55
## 595                0.5                  0                   1
## 596 1.0900000000000001               1.23                   2
## 597               0.52                0.4                0.38
## 598 0.57999999999999996               0.04                1.04
## 599               0.19               0.11                0.33
## 600                0.4                0.1                 0.5
## 601               1.35               0.35                 4.8
## 602 0.5500000000000004               0.22 2.2599999999999998
## 603               0.72                  1                1.25
## 604               0.25               1.28 1.1100000000000001
## 605                  0                  0                   0
## 606               0.93               0.99                1.76
## 607               0.83               1.77                   1
## 608               0.51               0.37                0.89
## 609               0.86               0.26 1.1499999999999999
## 610               0.93                0.1                1.57
## 611               0.33               0.08                1.71
## 612               0.93               0.64                2.74
## 613                0.9               0.65                1.38
## 614               0.08               0.33                0.33
## 615               0.43               0.52                0.78
## 616               0.61               0.39                1.03
## 617 0.57999999999999996               0.46                1.42
## 618               0.09               0.05                0.23
## 619 0.2800000000000003               0.92                1.54
## 620                  0               0.23                0.08
```

```
## 621                   0.83                1.17                1.95
## 622                   1.58                0.53                1.33
## 623                   1.56                0.37                 1.3
## 624     1.0900000000000001                0.59                   2
## 625                   0.84                0.17   4.1399999999999997
## 626    0.56000000000000005                0.35                1.06
## 627                   0.33                0.86   1.1299999999999999
##       Versatility_Index   Offensive Rating Defensive rating
## 2                   6.7              106.8             99.7
## 3     5.0999999999999996               <NA>             <NA>
## 4                   7.3              119.7            107.8
## 5                  11.6              121.7              105
## 6                   7.3              107.3              110
## 7     8.3000000000000007              116.4            107.4
## 8                   6.9               <NA>             <NA>
## 9                   7.7              100.5            106.5
## 10                  6.7              115.3            109.9
## 11    8.8000000000000007              134.4            106.6
## 12                    8              124.4            111.2
## 13                  6.8                 93            108.5
## 14                    4                 77            101.9
## 15    9.3000000000000007              117.2            106.7
## 16                 14.8              121.1            102.2
## 17    5.0999999999999996               <NA>             <NA>
## 18                  7.1              103.3            100.5
## 19                  6.5              111.4            111.1
## 20    9.3000000000000007               98.4            109.4
## 21                  6.9              113.2            108.2
## 22                  7.1              117.6            105.3
## 23                  6.2                111            107.1
## 24                  6.1              114.8            112.5
## 25                  8.6              118.2            115.2
## 26                  5.7              102.6            103.8
## 27                  7.8              127.1            102.8
## 28                    0               <NA>             <NA>
## 29                  5.5              101.7            112.8
## 30                  7.3              108.9            110.5
## 31                 11.5              107.3            104.2
## 32    9.3000000000000007              109.8            109.5
## 33                  8.4              110.3            101.7
## 34                  6.5              114.7            107.5
## 35                  7.9              122.3            117.4
## 36                  7.7              106.2            104.7
## 37                    7              106.8            111.4
## 38                  5.8              105.6            109.9
## 39                  6.4              124.1            107.9
## 40                  6.6              103.8            103.3
## 41                  6.8              101.3            100.5
## 42                  7.2               92.4            112.9
## 43    9.6999999999999993              113.3            110.5
## 44                  7.2              108.8              115
## 45                  6.6               85.6            106.3
## 46                  5.9 69.900000000000006             97.8
## 47                  6.8              104.1            106.8
```

```
## 48   4.9000000000000004             119.8        108.1
## 49                  6.6             117.2        100.7
## 50                  6.3             111.5          110
## 51                    6             <NA>         <NA>
## 52                  6.3             119.5        109.8
## 53                  7.3             122.4        108.5
## 54                  7.6             115.3         99.4
## 55                  6.2             111.5        105.6
## 56   8.8000000000000007             109.8          109
## 57                    8               116         99.2
## 58                  7.3             107.8        112.2
## 59                    4              66.2        109.2
## 60                  6.5             113.1        107.4
## 61                  7.8             121.1        108.3
## 62                  5.6              91.6          107
## 63                    0             100.2        116.4
## 64                  5.9             112.6        113.7
## 65                  4.7              89.4        102.2
## 66                  9.1             110.1        107.6
## 67                  7.7             127.2        103.3
## 68                    0             <NA>         <NA>
## 69                  5.3             110.3        102.4
## 70   4.9000000000000004              83.7        112.1
## 71   8.1999999999999993 143.80000000000001         99.8
## 72                  8.1             122.2        106.7
## 73                  8.6             119.8         97.3
## 74                  9.4             <NA>         <NA>
## 75                    0                 0        110.9
## 76                  6.6             103.3        108.3
## 77                  7.5             115.5        108.2
## 78                  6.1               131        110.7
## 79                  6.4               101        102.1
## 80                  6.1 129.19999999999999         109.6
## 81                 10.1               113        112.1
## 82                  5.9             105.1        113.1
## 83                  6.5             101.2          104
## 84                  4.8              88.4        105.5
## 85                  6.5              92.5        106.1
## 86                  5.4             122.1        106.6
## 87                  7.6             123.9          105
## 88   9.1999999999999993             111.6        107.3
## 89   4.5999999999999996             116.6        103.5
## 90                  6.1             114.1        110.1
## 91                  8.5               123        110.7
## 92                  8.4              98.9        103.8
## 93                  7.5             131.1        104.9
## 94   5.0999999999999996             118.4        105.2
## 95                  5.4               110        110.7
## 96                  7.9             113.5        102.9
## 97                 12.1               127        107.8
## 98                  7.1              83.1         98.6
## 99                  5.6             112.8         98.8
## 100                 5.2             113.9        105.5
## 101                 6.5             116.1        105.9
```

```
## 102                 5.3             103.5            108.8
## 103                 2.7             105.2            103.8
## 104                 7.4             124.3            103.3
## 105 4.5999999999999996             107.1              104
## 106 9.3000000000000007             114.8            100.9
## 107 8.3000000000000007             111.8              106
## 108                 6.5             115.1            106.7
## 109                 8.5              92.3            106.7
## 110                 7.1             105.9            100.3
## 111                   6               128             99.5
## 112                 8.9             107.2            109.6
## 113                10.4              87.7             97.5
## 114                 7.5             118.6            107.7
## 115                 4.7              96.9            112.9
## 116                   0              <NA>             <NA>
## 117                   0              56.9            100.4
## 118                 8.5             108.9            105.2
## 119                 6.7             123.5            102.1
## 120                 5.2             114.5              108
## 121                 7.4             124.3            104.1
## 122                 9.5             122.3            104.6
## 123                   6             120.2            107.6
## 124                 5.9              <NA>             <NA>
## 125                 7.9             104.9            109.7
## 126                 4.8                88            108.1
## 127                 5.6             117.2            107.8
## 128                11.1             101.7             97.7
## 129 10.199999999999999             106.1               92
## 130                 5.7             112.2            107.8
## 131                 6.3             112.3            101.2
## 132                 6.9             121.2            102.9
## 133                 6.7             112.9            106.4
## 134                 6.1              95.3            106.6
## 135                   6             117.7            107.7
## 136                11.8             118.8            108.6
## 137                 2.5              <NA>             <NA>
## 138                  10               110            103.1
## 139                 6.5             127.7             95.9
## 140                 6.7             100.6            107.2
## 141                 7.4             106.5              111
## 142 8.1999999999999993               121            113.1
## 143                 9.5 134.80000000000001             90.5
## 144                 6.6             100.3            110.2
## 145 10.199999999999999             121.6            110.7
## 146                 6.5               109            100.6
## 147                 8.9             105.8            104.3
## 148                 7.2             104.5            103.6
## 149                 8.5             126.8            102.2
## 150                   9             125.2            103.7
## 151 8.3000000000000007               102            108.5
## 152 8.3000000000000007             111.1            107.3
## 153                14.5             113.7            107.3
## 154                 5.9              99.9            109.3
## 155                 6.1              98.9              115
```

```
## 156              7.5        125.6          108
## 157              5.7         92.5        105.1
## 158              6.8        103.5        107.8
## 159 8.6999999999999993      104.2        106.6
## 160             11.8         96.9        100.8
## 161              8.9        106.1         89.5
## 162              4.2         93.2        100.7
## 163              3.5         40.9         91.4
## 164             12.4        121.4        109.3
## 165                8        101.4        113.6
## 166              5.3        107.5        108.8
## 167              5.7        104.4        104.7
## 168             10.1        120.5         95.9
## 169              5.4        117.8        112.5
## 170             12.1        120.8        100.1
## 171              6.1        119.4        108.5
## 172              7.9        118.2        101.7
## 173              5.9         86.4        109.6
## 174              6.1        123.1         96.3
## 175              6.8        136.6         94.2
## 176              8.4        124.2        100.3
## 177              1.7         <NA>         <NA>
## 178                6         85.6        102.2
## 179              8.6         90.2        105.5
## 180              8.1        121.7        106.8
## 181              5.6        123.5        109.4
## 182                0         <NA>         <NA>
## 183              7.7        102.9        109.5
## 184 4.4000000000000004       118        111.6
## 185              7.4        112.4        104.5
## 186              7.9          114          111
## 187              6.9        116.1        107.5
## 188 9.8000000000000007      112.3        112.8
## 189              5.7          133        110.4
## 190              6.5           63        103.5
## 191              8.9         95.9        109.2
## 192              5.7        102.6        101.9
## 193              6.4        127.2         99.9
## 194              6.8        132.5        103.3
## 195              7.3        122.5        106.6
## 196              5.7        117.4        111.3
## 197              7.7        104.5        113.1
## 198              7.3        114.5         97.4
## 199              7.9          103        105.5
## 200               11        112.7        105.6
## 201              5.6        137.9         99.5
## 202              8.6        105.8         98.5
## 203             10.3        117.7        111.9
## 204              6.4        119.2          102
## 205 4.9000000000000004      119.5          105
## 206 8.1999999999999993      129.9         99.1
## 207              7.4        100.2        110.2
## 208             10.1        102.8        109.9
## 209              7.3        114.6        110.3
```

```
## 210                6.3        108.4        115.8
## 211                7.9        115.3        113.6
## 212                7.8        108.8          110
## 213                5.6        113.3          105
## 214 9.6999999999999993       109.8        101.2
## 215                6.8        115.2        101.5
## 216 4.4000000000000004       119.4        106.5
## 217                5.4        111.5        102.4
## 218                6.1        121.8          111
## 219                5.4        105.4        108.2
## 220                  8        100.9          109
## 221                  9        120.6        102.8
## 222                7.7         98.5        112.5
## 223                  6        106.8        109.6
## 224                  0         <NA>         <NA>
## 225                7.9        117.8        116.9
## 226                8.1        140.6        104.7
## 227                6.2         73.3        106.3
## 228                6.3         99.3        105.6
## 229                8.6        100.4        110.7
## 230                6.5          116        112.4
## 231               12.1        118.8        114.6
## 232               14.4        122.4        107.8
## 233                3.6          105        104.3
## 234 4.9000000000000004       105.6        109.3
## 235 4.5999999999999996        <NA>         <NA>
## 236                7.9        126.4        101.2
## 237                4.5          112        111.6
## 238                5.4         99.4          113
## 239                7.2        109.9        108.5
## 240                5.9        125.3        111.7
## 241                7.6         <NA>         <NA>
## 242                4.7         96.7        102.9
## 243                9.5          118        104.9
## 244                7.5        108.6         90.1
## 245               11.2        116.8         97.8
## 246                7.7        115.2        105.7
## 247                  0         <NA>         <NA>
## 248                6.7        130.6          105
## 249                7.1         81.5        107.5
## 250 9.1999999999999993       113.9        110.7
## 251                6.2        110.4        112.7
## 252 8.6999999999999993       123.4        105.6
## 253 8.3000000000000007       103.6        110.3
## 254                7.6        108.5        113.9
## 255                6.5        126.6          116
## 256                  6        104.4        106.6
## 257 4.5999999999999996       103.5        108.3
## 258                6.2         90.5        106.3
## 259                7.1        108.8        110.4
## 260                5.9         98.6        110.7
## 261 9.6999999999999993       119.9        109.2
## 262                5.3        111.3        111.7
## 263                7.9        134.5        104.7
```

```
## 264                    8              129.5              106.7
## 265 4.5999999999999996               91.1              112.5
## 266 4.4000000000000004              102.8              111.5
## 267 9.8000000000000007              111.2                109
## 268                    8              102.6               99.7
## 269                  6.1              103.7              112.2
## 270 8.6999999999999993              112.3               89.3
## 271                  6.9                 89              105.6
## 272                  6.7              112.1              108.5
## 273                  7.2               <NA>               <NA>
## 274                    7              118.4              106.8
## 275                  6.5 67.099999999999994               97.5
## 276                  5.8               93.2              105.8
## 277 8.8000000000000007              118.4              105.3
## 278                  6.2              102.6              106.4
## 279                    5              108.2               87.8
## 280                  8.4 128.19999999999999              105.6
## 281 9.6999999999999993              114.9              111.3
## 282                 10.5                121              109.3
## 283                  3.7               92.6              106.6
## 284 4.0999999999999996               85.6              107.2
## 285                  7.6              108.5               95.8
## 286                  5.8              111.5              110.2
## 287                    8               96.5              103.8
## 288                    7              101.8              112.4
## 289 4.5999999999999996               98.7              114.2
## 290                    8              116.1              106.6
## 291                  5.7              106.1              115.3
## 292                 13.7              113.8              103.8
## 293                  9.5              102.8              113.3
## 294                  3.7              101.8              111.8
## 295                  5.3              106.5                109
## 296                    8              113.2              110.4
## 297 5.0999999999999996              107.7              104.2
## 298                 10.5              131.1              102.6
## 299                  5.9              111.9              109.6
## 300                  7.1              104.1              102.1
## 301                  7.1              100.9              104.4
## 302                  7.3              110.5              108.5
## 303                  6.2              101.5              103.8
## 304                  5.4              110.6              111.9
## 305                 15.4 129.80000000000001              104.8
## 306                  4.7              120.1              110.1
## 307 5.0999999999999996              100.4                 94
## 308                  3.5              157.6               90.2
## 309                    7                130                109
## 310 8.8000000000000007              100.7              111.6
## 311 8.6999999999999993                139              106.6
## 312                  6.5              111.8              113.6
## 313 8.1999999999999993              114.7              112.8
## 314 8.1999999999999993              126.5              104.9
## 315                  6.3              108.3              110.9
## 316                    9              117.5              107.4
## 317 5.0999999999999996               77.3               93.7
```

```
## 318               7.4                107                105.9
## 319               9.4              116.6                102.9
## 320 8.6999999999999993 132.30000000000001              105.5
## 321               6.8              117.2                107.9
## 322                 9              120.5                106.1
## 323               5.6              122.8                108.1
## 324               5.7                106                106.8
## 325               5.2              104.2                104.6
## 326               7.2              124.5                106.1
## 327               6.3              107.7                  106
## 328                 5               98.9                115.3
## 329               6.8                116                109.5
## 330               6.6               <NA>                 <NA>
## 331 4.5999999999999996                 53              106.3
## 332 9.6999999999999993              126.1                 85.1
## 333               7.4              104.8                104.3
## 334               5.8              104.9                112.1
## 335               7.1              118.8                106.5
## 336 4.0999999999999996               94.3              109.7
## 337                10              114.7                109.5
## 338               4.8                107                112.2
## 339               3.9               96.7                114.7
## 340              12.6               <NA>                 <NA>
## 341               6.4              121.1                105.6
## 342               8.4              111.5                  106
## 343               4.2               76.7                103.5
## 344               7.4              121.2                102.1
## 345              11.1              125.4                108.1
## 346               7.1              101.3                 94.6
## 347              11.2              107.6                110.5
## 348               9.4              106.4                109.2
## 349               6.4              105.1                107.3
## 350              10.8              124.8                116.1
## 351               5.5              120.1                111.9
## 352               7.3 129.69999999999999              101.9
## 353               5.2              120.2                107.6
## 354               6.3              123.7                110.2
## 355                 3               65.8                109.3
## 356 9.8000000000000007              107.4              110.2
## 357                10              116.9                  108
## 358               5.7               99.7                  108
## 359               5.7              115.5                111.2
## 360                 0               <NA>                 <NA>
## 361               6.8              132.1                108.4
## 362               7.1                 94                110.7
## 363               3.9 76.599999999999994              106.8
## 364                 8               98.2                106.5
## 365               7.3              124.6                103.8
## 366               8.6              120.7                101.5
## 367               6.2              115.3                109.7
## 368               8.5              105.2                106.2
## 369               6.4              116.7                109.6
## 370               6.7               98.6                107.6
## 371               6.8                106                109.4
```

```
## 372 4.4000000000000004                  62.8      116.3
## 373                      7.4            105.2      104.3
## 374                      7.8             98.1      110.5
## 375                      3.6            129.4      107.7
## 376                      5.3            106.9      109.8
## 377                      3.9            105.9      104.7
## 378                      7.9            109.6      104.3
## 379                      7.6            120.8        110
## 380                      4.7            231.8       97.9
## 381 8.8000000000000007               120      114.9
## 382                      9.1            116.9      109.2
## 383                      6.4            106.5        105
## 384                        5            107.7        108
## 385                      6.3            120.8      111.9
## 386                      3.6            108.9      112.8
## 387                      9.1            102.8       97.8
## 388                      7.2             97.3       87.2
## 389                      6.6            120.1      110.6
## 390                      5.8            122.4      100.4
## 391                      7.4              110      114.1
## 392                      5.7             94.8      109.3
## 393                      4.2              104      102.7
## 394                      6.5               92      102.7
## 395                      5.9            114.9      106.8
## 396 8.1999999999999993               109.2      105.5
## 397                      6.6            117.5        108
## 398                      7.4            108.6      107.2
## 399                     10.4            115.5      107.1
## 400                      6.8            129.6      109.1
## 401 8.1999999999999993               116      104.2
## 402                      5.7            110.7      113.7
## 403                      7.8            108.4      104.4
## 404                     10.1            114.8      105.4
## 405                      5.6 72.900000000000006      107.5
## 406                      7.4            107.6      112.5
## 407                      6.4            102.9        107
## 408                     10.1            107.6      112.5
## 409                      5.6            115.6       96.6
## 410                      5.8            116.4      106.8
## 411                      6.7            100.8        101
## 412                      6.3            120.9      114.1
## 413 4.0999999999999996               112.9      110.1
## 414                     10.6            105.5        107
## 415                      8.4            116.2      111.1
## 416                      6.7            115.6      108.6
## 417                      6.5             99.4      110.9
## 418                      6.6             96.6      113.3
## 419                      6.5            110.4      104.1
## 420                      7.4            108.8      108.5
## 421                      5.2            112.3      102.6
## 422                      6.6            114.7      108.2
## 423                      5.9            113.7      101.5
## 424                      4.3              125      109.9
## 425                      4.7            120.3       97.3
```

```
## 426                6.9          106.8      110.3
## 427 4.5999999999999996        101.8       96.7
## 428                  6          107      116.3
## 429                6.7          110.6      108.5
## 430               11.9          112.7      101.8
## 431                5.8          115.1      109.2
## 432                5.8          101.7      103.6
## 433                4.8          113.9      111.8
## 434                5.8          113.7      105.2
## 435                6.5          106.5      112.6
## 436 4.9000000000000004        108.4        109
## 437                6.1          123.6       96.7
## 438                4.7          102.5      110.9
## 439                4.3           94      101.3
## 440                9.4          104.1      107.3
## 441                9.5          100.3      111.6
## 442                7.6           85.9      100.5
## 443                7.7          117.4      104.6
## 444                7.5          105.6        101
## 445               11.2          123.1        105
## 446                6.2          120      102.1
## 447                4.8          109.7        100
## 448                7.3          100.2        110
## 449                7.1          105.5       97.1
## 450                6.4          103.3      106.8
## 451                5.2           82.7      105.6
## 452 8.1999999999999993        117.6      109.7
## 453                7.8          105.6      105.1
## 454                  0           20.7       88.8
## 455                5.3          118.5      107.7
## 456                5.9          108      102.8
## 457                 11          123.7        106
## 458 9.3000000000000007        121.3      105.5
## 459                6.5          152.6       83.7
## 460                8.1           98.9      104.6
## 461                  0           75.8       83.2
## 462               15.2         <NA>       <NA>
## 463                3.6 149.80000000000001      103.1
## 464                  8          100.3       94.2
## 465                2.9         <NA>       <NA>
## 466               10.5          122.2       99.7
## 467                7.6          123.1      105.3
## 468                6.1         <NA>       <NA>
## 469                7.3           81      111.7
## 470                7.1          111.2      107.7
## 471 9.1999999999999993        100.7      112.8
## 472                6.8          124.6      108.5
## 473 8.8000000000000007        113.6      107.6
## 474                7.2          101.2      107.2
## 475                5.2           92.2       88.5
## 476                8.6          120        103
## 477                8.5          116.7      105.3
## 478                7.2          135.6       99.8
## 479                6.2          117.1      110.5
```

```
## 480              5.5              113.4              113.6
## 481              5.2              105              106
## 482              7.6              105.6              109.7
## 483              6.7              116.3              109.1
## 484              7.5              113.4              103.9
## 485              5.9              102              112.7
## 486              5.6              97.8              110.7
## 487             12.1              110.9              100.3
## 488              5.4              99.1              106.2
## 489              5.8              112.5              112.1
## 490              5.2              93.2              109.6
## 491 9.3000000000000007              110.7              91.8
## 492              7.8              114.3              104.2
## 493              0              <NA>              <NA>
## 494              5.9              95              116
## 495              4.2              <NA>              <NA>
## 496              6.2              108.6              109.9
## 497              4.8              <NA>              <NA>
## 498              6              105.2              105.8
## 499              5.6              112.7              108.2
## 500              4.5              78.5              109.5
## 501              5.3              112.1              116.8
## 502              5.5              112.8              107.4
## 503              5.7              80.3              106
## 504              5              102              106.8
## 505              4.7              130.5              99.5
## 506              7.6              101.4              103.8
## 507              8.1              97.5              108.6
## 508             10.1              118              105.9
## 509              8.5              103.8              111.4
## 510              8.5              115.1              109
## 511              6.9              103              111
## 512              8.4              113.3              111.8
## 513 8.6999999999999993              113.1              110.1
## 514 9.3000000000000007              108              114.4
## 515             13.1              115.1              103.7
## 516              6.8              96.4              100.6
## 517              3.9              103.7              100.5
## 518              8.1              109              101.9
## 519              7.9              118.4              109.9
## 520              8.5              107.1              102.7
## 521              4.8              101              103.5
## 522              4 81.599999999999994              107
## 523              7.8              110.7              112.1
## 524              5.2              112.5              112.3
## 525              0              55.9              117.4
## 526              9.9              110.6              107.4
## 527              7.8              116.9              86.1
## 528              0              <NA>              <NA>
## 529             11              114              100.2
## 530              6.7              116.5              111.5
## 531              5.9              90              107.7
## 532              6.1              92              100.9
## 533              7.8              113.2              108.7
```

```
## 534               5.6              83.5              92.9
## 535               8.5               106             106.6
## 536               8.5             105.1             109.1
## 537               4.5              96.2             103.7
## 538               4.8 134.69999999999999          110.2
## 539                 0              60.2             104.1
## 540                 0              <NA>              <NA>
## 541               5.8               103               106
## 542               6.8               117             100.8
## 543 4.9000000000000004             115.4             107.7
## 544               5.7             111.3             107.5
## 545               7.3             113.9             107.1
## 546              10.5             113.4             109.7
## 547               6.4             107.4             110.2
## 548               7.6             117.8             112.9
## 549               5.3               105             108.4
## 550 4.9000000000000004 75.099999999999994          109.9
## 551                 7               122             103.6
## 552               7.6             115.7             106.4
## 553               8.9              88.4              96.3
## 554               5.6              96.5             108.1
## 555               6.4 78.099999999999994          112.5
## 556 8.6999999999999993             122.8             113.3
## 557               4.7             105.9             114.7
## 558               7.3              99.8               106
## 559               7.1             114.5             105.4
## 560                 4 76.099999999999994          111.8
## 561 4.9000000000000004             104.3             108.9
## 562               3.9             103.6             100.2
## 563               4.7             103.4             104.9
## 564               7.2             117.9             102.6
## 565               2.9              90.7             106.3
## 566                 6             111.9             102.9
## 567               7.9             120.7             102.4
## 568               4.7             118.6             105.5
## 569              12.5             116.4             105.4
## 570               4.7               112             116.4
## 571               5.3             100.3             112.7
## 572 4.0999999999999996                99             109.3
## 573               3.6             119.1             107.4
## 574               7.5             122.7              99.4
## 575               5.6             111.4             104.4
## 576              10.3             124.9               101
## 577               7.9              99.6             108.1
## 578               7.5             120.6               104
## 579 8.8000000000000007             112.4               111
## 580 10.199999999999999              90.1             104.6
## 581               5.7             107.5             106.6
## 582               5.8              97.8               103
## 583                 0              <NA>              <NA>
## 584              12.1             111.7             108.1
## 585              12.2               112             105.2
## 586                 6             115.5               111
## 587                 8             116.4                97
```

```
## 588                7.1 65.400000000000006                97
## 589                  6              109.2             104.4
## 590                5.8               99.9             111.1
## 591                9.1              113.5             112.6
## 592                9.6               99.3             116.4
## 593                6.8               99.5             106.2
## 594                7.1              104.6             108.3
## 595                5.6                107             104.7
## 596                7.8              104.3             105.8
## 597                6.2              116.4             107.6
## 598                8.5              107.7             108.9
## 599                5.9              120.3             104.9
## 600                5.4               96.6               100
## 601               15.8              104.1             104.3
## 602                8.6              105.5             108.3
## 603                7.4              110.6             108.7
## 604                8.1              106.8             103.2
## 605                  0               <NA>              <NA>
## 606                7.2              107.4             108.7
## 607 9.800000000000007 137.80000000000001             101.5
## 608                5.2                104             101.9
## 609                7.8              115.4             106.2
## 610                8.1              107.9             110.5
## 611                7.9              100.7             114.2
## 612               10.8              123.4             109.8
## 613                5.6              104.6             109.1
## 614                  6               96.2             101.4
## 615                7.7              100.6             106.8
## 616                6.6                102             108.9
## 617                7.9               81.8             104.1
## 618                6.4              110.5             109.7
## 619                6.7               99.5              98.3
## 620                8.1               <NA>              <NA>
## 621 8.6999999999999993              110.5             109.4
## 622                8.5              119.1             110.5
## 623                8.1              114.9             115.4
## 624               11.3              115.3             104.5
## 625               11.6              116.9             111.9
## 626 9.3000000000000007              121.8             101.5
## 627                7.9              134.5               101
```

```r
# second dataset
labels <- c('Player','Position', 'Age', 'Team', 'Games', 'Minutes played', 'Player Efficiency Rating',
data_advanced <- read.csv("nba2021_advanced.csv", col.names = labels, na= "XXX")
data_advanced
```

```
##                      Player Position Age Team Games Minutes.played
## 1         Precious Achiuwa       PF  21  MIA    28            408
## 2            Jaylen Adams       PG  24  MIL     6             17
## 3            Steven Adams        C  27  NOP    27            760
## 4             Bam Adebayo        C  23  MIA    26            873
## 5         LaMarcus Aldridge        C  35  SAS    18            480
## 6          Ty-Shon Alexander       SG  22  PHO     3              8
## 7   Nickeil Alexander-Walker       SG  22  NOP    23            441
```

```
## 8            Grayson Allen  SG  25  MEM  19    454
## 9            Jarrett Allen   C  22  TOT  28    734
## 10           Jarrett Allen   C  22  BRK  12    320
## 11           Jarrett Allen   C  22  CLE  16    414
## 12          Al-Farouq Aminu  PF  30  ORL   2     16
## 13            Kyle Anderson  PF  27  MEM  24    675
## 14     Giannis Antetokounmpo PF  26  MIL  27    906
## 15      Kostas Antetokounmpo PF  23  LAL   1      8
## 16    Thanasis Antetokounmpo SF  28  MIL  18    149
## 17          Carmelo Anthony  PF  36  POR  27    683
## 18             Cole Anthony  PG  20  ORL  25    667
## 19               OG Anunoby  SF  23  TOR  18    619
## 20          Ryan Arcidiacono PG  26  CHI  11    107
## 21             D.J. Augustin PG  33  MIL  27    480
## 22              Deni Avdija  SF  20  WAS  22    503
## 23            Deandre Ayton   C  22  PHO  27    866
## 24            Udoka Azubuike  C  21  UTA  12     49
## 25             Dwayne Bacon  SG  25  ORL  29    721
## 26          Marvin Bagley III PF 21  SAC  25    623
## 27               LaMelo Ball PG  19  CHO  28    776
## 28               Lonzo Ball  PG  23  NOP  25    772
## 29                Mo Bamba    C  22  ORL  13    113
## 30             Desmond Bane  SG  22  MEM  20    456
## 31            Harrison Barnes PF 28  SAC  27    948
## 32               RJ Barrett  SG  20  NYK  30   1012
## 33               Will Barton SF  30  DEN  25    744
## 34           Keita Bates-Diop SF 25  SAS   8     27
## 35             Nicolas Batum SF  32  LAC  27    806
## 36              Aron Baynes   C  34  TOR  25    470
## 37            Kent Bazemore  SF  31  GSW  27    448
## 38             Darius Bazley PF  20  OKC  28    872
## 39              Bradley Beal SG  27  WAS  24    846
## 40             Malik Beasley SG  24  MIN  29    951
## 41               Jordan Bell  C  26  WAS   3     50
## 42            DeAndre' Bembry SF 26  TOR  19    261
## 43             Dāvis Bertāns PF  28  WAS  23    593
## 44          Patrick Beverley PG  32  LAC  20    483
## 45               Saddiq Bey  SF  21  DET  26    529
## 46                Tyler Bey  SF  22  DAL   4     13
## 47                Khem Birch  C  28  ORL  29    631
## 48              Goga Bitadze  C  21  IND  13    124
## 49           Bismack Biyombo  C  28  CHO  26    585
## 50           Nemanja Bjelica PF  32  SAC  13    211
## 51              Eric Bledsoe SG  31  NOP  27    780
## 52            Keljin Blevins SF  25  POR   8     38
## 53         Bogdan Bogdanović SG  28  ATL   9    213
## 54          Bojan Bogdanović SF  31  UTA  29    891
## 55                  Bol Bol  PF  21  DEN  12     65
## 56            Marques Bolden  C  22  CLE   6     29
## 57              Jordan Bone  PG  23  ORL  14    196
## 58               Isaac Bonga SF  21  WAS  17    230
## 59             Devin Booker  SG  24  PHO  23    810
## 60             Chris Boucher  C  28  TOR  28    654
## 61               Brian Bowen SF  22  IND   1      5
```

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## 62              Avery Bradley   SG  30  MIA  10         211
## 63               Tony Bradley    C  23  PHI  10         117
## 64           Jarrell Brantley   PF  24  UTA   8          22
## 65           Ignas Brazdeikis   SF  22  NYK   4           7
## 66              Mikal Bridges   SF  24  PHO  27         898
## 67              Miles Bridges   PF  22  CHO  28         747
## 68           Malcolm Brogdon    PG  28  IND  29        1045
## 69              Dillon Brooks   SF  25  MEM  24         700
## 70                Bruce Brown   PG  24  BRK  26         498
## 71               Jaylen Brown   SG  24  BOS  26         868
## 72                Moses Brown    C  21  OKC   7          31
## 73             Sterling Brown   SG  25  HOU  26         556
## 74             Troy Brown Jr.   SF  21  WAS  13         205
## 75               Jalen Brunson  PG  24  DAL  24         578
## 76              Thomas Bryant    C  23  WAS  10         271
## 77             Reggie Bullock   SF  29  NYK  25         669
## 78                Trey Burke    PG  28  DAL  27         466
## 79                 Alec Burks   SG  29  NYK  18         459
## 80               Jimmy Butler   SF  31  MIA  16         527
## 81              Bruno Caboclo   PF  25  HOU   6          36
## 82             Devontae Cacok   PF  24  LAL   1           2
## 83    Kentavious Caldwell-Pope   SG  27  LAL  25         627
## 84           Facundo Campazzo   PG  29  DEN  25         350
## 85              Vlatko Čančar   PF  23  DEN  13          45
## 86               Clint Capela    C  26  ATL  25         732
## 87           Vernon Carey Jr.    C  19  CHO   3           6
## 88               Jevon Carter   PG  25  PHO  23         256
## 89          Wendell Carter Jr.   C  21  CHI  16         425
## 90      Michael Carter-Williams  SG  29  ORL  10         246
## 91                Alex Caruso   PG  26  LAL  22         412
## 92         Willie Cauley-Stein    C  27  DAL  26         454
## 93              Chris Chiozza   PG  25  BRK  12         111
## 94             Marquese Chriss   PF  23  GSW   2          27
## 95                 Gary Clark   SF  26  ORL  26         545
## 96             Brandon Clarke   PF  24  MEM  20         543
## 97             Jordan Clarkson  SG  28  UTA  29         760
## 98               Amir Coffey    SG  23  LAC  19         154
## 99               John Collins   PF  23  ATL  28         884
## 100              Mike Conley    PG  33  UTA  23         674
## 101           Pat Connaughton   SG  28  MIL  25         475
## 102                Quinn Cook   PG  27  LAL  15          51
## 103           DeMarcus Cousins    C  30  HOU  25         506
## 104           Robert Covington  PF  30  POR  26         816
## 105               Torrey Craig   SF  30  MIL  15         175
## 106                Jae Crowder   PF  30  PHO  24         670
## 107             Jarrett Culver   SG  21  MIN  16         339
## 108                Seth Curry   SG  30  PHI  22         637
## 109             Stephen Curry   PG  32  GSW  29         987
## 110              Anthony Davis   PF  27  LAL  23         755
## 111                   Ed Davis    C  31  MIN  19         264
## 112              Terence Davis   SG  23  TOR  22         304
## 113               DeMar DeRozan  PF  31  SAS  25         835
## 114              Hamidou Diallo  SG  22  OKC  28         673
## 115              Gorgui Dieng    C  31  MEM  19         336
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## 116       Spencer Dinwiddie    SG  27  BRK   3     64
## 117       Donte DiVincenzo     SG  24  MIL  28    732
## 118       Luka Dončić          PG  21  DAL  27    954
## 119       Luguentz Dort        SG  21  OKC  27    800
## 120       Damyean Dotson       SG  26  CLE  24    490
## 121       Devon Dotson         PG  21  CHI   1     10
## 122       Sekou Doumbouya      PF  20  DET  24    314
## 123       PJ Dozier            SG  24  DEN  17    330
## 124       Goran Dragić         PG  34  MIA  17    451
## 125       Andre Drummond        C  27  CLE  25    722
## 126       Jared Dudley         PF  35  LAL   6     22
## 127       Kevin Durant         PF  32  BRK  19    679
## 128       Anthony Edwards      SG  19  MIN  29    817
## 129       Carsen Edwards       SG  22  BOS  13    134
## 130       CJ Elleby            SF  20  POR  12     96
## 131       Wayne Ellington      SG  33  DET  21    481
## 132       Joel Embiid           C  26  PHI  23    748
## 133       James Ennis          SF  30  ORL  20    438
## 134       Drew Eubanks          C  23  SAS  11    139
## 135       Dante Exum           SG  25  CLE   6    116
## 136       Tacko Fall            C  25  BOS   6     49
## 137       Derrick Favors        C  29  UTA  27    444
## 138       Cristiano Felício     C  28  CHI   6     38
## 139       Terrance Ferguson    SG  22  PHI   7     24
## 140       Bruno Fernando        C  22  ATL  15    132
## 141       Yogi Ferrell         PG  27  CLE   2     40
## 142     Dorian Finney-Smith    PF  27  DAL  19    583
## 143       Malachi Flynn        PG  22  TOR  13    106
## 144       Bryn Forbes          SG  27  MIL  28    514
## 145       Trent Forrest        PG  22  UTA   4     13
## 146       Evan Fournier        SF  28  ORL  15    430
## 147       De'Aaron Fox         PG  23  SAC  26    860
## 148       Tim Frazier          PG  30  MEM   3     33
## 149       Markelle Fultz       PG  22  ORL   8    215
## 150       Wenyen Gabriel       PF  23  NOP   3     10
## 151       Daniel Gafford       PF  22  CHI  23    330
## 152       Danilo Gallinari     PF  32  ATL  16    315
## 153       Langston Galloway    SG  29  PHO  22    245
## 154       Darius Garland       PG  21  CLE  21    679
## 155       Marc Gasol            C  36  LAL  29    579
## 156       Rudy Gay             PF  34  SAS  26    572
## 157       Paul George          SF  30  LAC  20    680
## 158       Taj Gibson           PF  35  NYK   8    109
## 159       Harry Giles           C  22  POR  22    260
## 160  Shai Gilgeous-Alexander   SG  22  OKC  22    741
## 161       Anthony Gill         PF  28  WAS  10     65
## 162       Rudy Gobert           C  28  UTA  29    878
## 163       Brandon Goodwin      PG  25  ATL  22    280
## 164       Aaron Gordon         PF  25  ORL  19    552
## 165       Eric Gordon          SG  32  HOU  22    646
## 166       Devonte' Graham      PG  25  CHO  25    821
## 167       Jerami Grant         SF  26  DET  28   1017
## 168       Danny Green          SF  33  PHI  29    824
## 169       Draymond Green       PF  30  GSW  24    695
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## 170           JaMychal Green    PF   30   DEN   24    511
## 171           Javonte Green    SG   27   BOS   18    276
## 172             Jeff Green    PF   34   BRK   30    780
## 173             Josh Green    SG   20   DAL   17    212
## 174           Blake Griffin    PF   31   DET   20    626
## 175               Kyle Guy    PG   23   SAC   10     79
## 176          Rui Hachimura    PF   22   WAS   19    555
## 177           Ashton Hagans    PG   21   MIN    2      4
## 178        Tyrese Haliburton    PG   20   SAC   25    734
## 179               Josh Hall    SF   20   OKC    7     51
## 180            R.J. Hampton    PG   19   DEN   21    180
## 181          Tim Hardaway Jr.    SG   28   DAL   27    825
## 182            James Harden    SG   31   TOT   24    903
## 183            James Harden    SG   31   HOU    8    290
## 184            James Harden    SG   31   BRK   16    613
## 185         Maurice Harkless    SF   27   MIA   10    109
## 186            Jared Harper    PG   23   NYK    2      5
## 187        Montrezl Harrell     C   27   LAL   29    714
## 188             Gary Harris    SG   26   DEN   19    581
## 189            Jalen Harris    SG   22   TOR    2      4
## 190              Joe Harris    SF   29   BRK   30    928
## 191           Tobias Harris    PF   28   PHI   26    896
## 192        Shaquille Harrison    SG   27   UTA   16     54
## 193               Josh Hart    SF   25   NOP   28    785
## 194        Isaiah Hartenstein     C   22   DEN   18    157
## 195             Jaxson Hayes     C   20   NOP   21    246
## 196            Killian Hayes    PG   19   DET    7    148
## 197          Gordon Hayward    SF   30   CHO   26    922
## 198         Juan Hernangómez    PF   25   MIN   13    242
## 199        Willy Hernangómez     C   26   NOP   13    222
## 200             Tyler Herro    SG   21   MIA   20    687
## 201             Buddy Hield    SG   28   SAC   27    940
## 202             George Hill    PG   34   OKC   14    369
## 203            Solomon Hill    PF   29   ATL   28    532
## 204             Nate Hinton    SG   21   DAL    6     19
## 205           Aaron Holiday    PG   24   IND   29    576
## 206            Jrue Holiday    PG   30   MIL   23    747
## 207          Justin Holiday    SG   31   IND   29    935
## 208          Richaun Holmes     C   27   SAC   25    739
## 209             Rodney Hood    SF   28   POR   23    436
## 210              Al Horford     C   34   OKC   19    536
## 211       Talen Horton-Tucker    SG   20   LAL   25    413
## 212            Daniel House    SF   27   HOU   17    474
## 213           Dwight Howard     C   35   PHI   29    483
## 214           Markus Howard    SG   21   DEN   14     48
## 215            Kevin Huerter    SG   22   ATL   28    890
## 216            Elijah Hughes    SF   22   UTA    6     27
## 217           De'Andre Hunter    SF   23   ATL   18    579
## 218        Chandler Hutchison    SF   24   CHI    7     64
## 219              Serge Ibaka     C   31   LAC   29    701
## 220           Andre Iguodala    SF   37   MIA   26    552
## 221              Joe Ingles    SF   33   UTA   25    665
## 222          Brandon Ingram    SF   23   NOP   28    974
## 223            Kyrie Irving    PG   28   BRK   20    707
```

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## 224          Wesley Iwundu      SF   26   DAL   17          232
## 225           Frank Jackson     PG   22   DET    7           39
## 226            Josh Jackson     SG   23   DET   26          627
## 227          Justin Jackson     SF   25   OKC   18          324
## 228          Reggie Jackson     SG   30   LAC   27          562
## 229             Justin James    SF   24   SAC    8           50
## 230            LeBron James     PG   36   LAL   29         1006
## 231          DaQuan Jeffries    SG   23   SAC    3           41
## 232              Isaiah Joe     SG   21   PHI   16          212
## 233          Cameron Johnson    PF   24   PHO   27          686
## 234           James Johnson     PF   33   DAL   23          424
## 235          Keldon Johnson     SF   21   SAS   27          812
## 236         Stanley Johnson     PF   24   TOR   25          368
## 237           Tyler Johnson     SG   28   BRK   13          159
## 238            Nikola Jokić     C    25   DEN   28         1006
## 239            Damian Jones     C    25   PHO   11           78
## 240         Derrick Jones Jr.   SF   23   POR   24          650
## 241              Mason Jones    SG   22   HOU   18          201
## 242               Tre Jones    PG   21   SAS    9           27
## 243               Tyus Jones    PG   24   MEM   24          565
## 244           DeAndre Jordan    C    32   BRK   28          606
## 245             Cory Joseph    PG   29   SAC   27          534
## 246      Mfiondu Kabengele     PF   23   LAC   17           69
## 247          Frank Kaminsky     C    27   PHO   20          316
## 248             Enes Kanter     C    28   POR   28          702
## 249            Luke Kennard    SG   24   LAC   29          639
## 250             Maxi Kleber    PF   29   DAL   17          435
## 251           Nathan Knight    PF   23   ATL    9           54
## 252              Kevin Knox    SF   21   NYK   23          373
## 253            John Konchar    SG   24   MEM   16          264
## 254          Furkan Korkmaz    SG   23   PHI   18          351
## 255             Luke Kornet    PF   25   CHI    6           43
## 256          Rodions Kurucs   SF-PF  22   TOT   14           73
## 257          Rodions Kurucs    PF   22   BRK    5           16
## 258          Rodions Kurucs    SF   22   HOU    9           57
## 259              Kyle Kuzma    SF   25   LAL   29          724
## 260             Jeremy Lamb    SG   28   IND   16          401
## 261             Zach LaVine    SG   25   CHI   27          962
## 262             Jake Layman    SF   26   MIN   19          292
## 263            Jalen Lecque    PG   20   IND    3            9
## 264              Damion Lee    SG   28   GSW   29          561
## 265               Saben Lee    PG   21   DET    8           70
## 266                Alex Len    C    27   TOT   20          292
## 267                Alex Len    C    27   TOR    7           76
## 268                Alex Len    C    27   WAS   13          216
## 269           Kawhi Leonard    SF   29   LAC   23          792
## 270           Meyers Leonard    C    28   MIA    3           29
## 271             Caris LeVert    SG   26   BRK   12          334
## 272           Kira Lewis Jr.   PG   19   NOP   17          223
## 273           Damian Lillard    PG   30   POR   27          969
## 274            Nassir Little    PF   20   POR   13          141
## 275             Kevon Looney    C    24   GSW   21          308
## 276              Brook Lopez    C    32   MIL   28          760
## 277              Robin Lopez    C    32   WAS   26          505
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## 278             Kevin Love  PF  32  CLE   2    46
## 279             Kyle Lowry  PG  34  TOR  25   859
## 280  Timothé Luwawu-Cabarrot  SF  25  BRK  30   590
## 281             Trey Lyles  PF  25  SAS  14   165
## 282             Thon Maker   C  23  CLE   8    76
## 283          Théo Maledon  PG  19  OKC  23   538
## 284            Karim Mané  PG  20  ORL   6    56
## 285           Terance Mann  SG  24  LAC  27   407
## 286           Nico Mannion  PG  19  GSW   6    36
## 287       Boban Marjanović   C  32  DAL  15   108
## 288         Lauri Markkanen  PF  23  CHI  14   426
## 289           Naji Marshall  SF  23  NOP   3     8
## 290           Caleb Martin  SF  25  CHO  23   363
## 291            Cody Martin  SF  25  CHO  17   159
## 292           Kelan Martin  SF  25  IND  11    43
## 293       Kenyon Martin Jr.  SF  20  HOU   7    69
## 294        Frank Mason III   G  26  ORL   4    79
## 295       Garrison Mathews  SG  24  WAS  20   322
## 296         Dakota Mathias  SG  25  PHI   8   123
## 297        Wesley Matthews  SG  34  LAL  22   449
## 298          Tyrese Maxey  SG  20  PHI  28   472
## 299            Skylar Mays  SG  23  ATL  10    68
## 300           CJ McCollum  SG  29  POR  13   440
## 301          T.J. McConnell  PG  28  IND  26   623
## 302         Jaden McDaniels  PF  20  MIN  23   431
## 303         Jalen McDaniels  SF  23  CHO  10   108
## 304         Doug McDermott  PF  29  IND  28   733
## 305         Sean McDermott  SF  24  MEM   6    92
## 306            JaVale McGee   C  33  CLE  20   313
## 307         Rodney McGruder  SG  29  DET   8    64
## 308        Alfonzo McKinnie  SF  28  LAL  14    44
## 309       Jordan McLaughlin  PG  24  MIN  17   310
## 310            Ben McLemore  SG  27  HOU  20   303
## 311           Nicolò Melli  PF  30  NOP  13   137
## 312       De'Anthony Melton  PG  22  MEM  12   258
## 313            Sam Merrill  SG  24  MIL   9    55
## 314          Chimezie Metu   C  23  SAC  11    71
## 315         Khris Middleton  SF  29  MIL  28   924
## 316           Darius Miller  SF  30  OKC  12   111
## 317             Patty Mills  PG  32  SAS  27   687
## 318           Paul Millsap  PF  35  DEN  26   621
## 319           Shake Milton  SG  24  PHI  22   536
## 320        Donovan Mitchell  SG  24  UTA  27   908
## 321            Adam Mokoka  SG  22  CHI   7    42
## 322             Malik Monk  SG  22  CHO  15   316
## 323           E'Twaun Moore  SG  31  PHO  14   227
## 324              Ja Morant  PG  21  MEM  16   484
## 325           Juwan Morgan  PF  23  UTA  12    64
## 326           Marcus Morris  PF  31  LAC  21   524
## 327        Markieff Morris  PF  31  LAL  23   353
## 328            Monte Morris  PG  25  DEN  27   701
## 329           Mychal Mulder  PG  26  GSW  28   303
## 330         Dejounte Murray  PG  24  SAS  27   821
## 331            Jamal Murray  PG  23  DEN  26   908
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## 332          Mike Muscala    C  29  OKC  26    495
## 333  Sviatoslav Mykhailiuk   SF  23  DET  27    417
## 334            Abdel Nader   SF  27  PHO  12    172
## 335        Larry Nance Jr.   PF  28  CLE  19    635
## 336          Aaron Nesmith   SF  21  BOS  13    191
## 337             Raul Neto   PG  28  WAS  21    396
## 338         Georges Niang   PF  27  UTA  29    381
## 339            Zeke Nnaji   PF  20  DEN  15    112
## 340           Nerlens Noel    C  26  NYK  25    475
## 341          Jaylen Nowell   SG  21  MIN  15    236
## 342        Frank Ntilikina   PG  22  NYK   4     42
## 343          Kendrick Nunn   PG  25  MIA  20    567
## 344           Jusuf Nurkić    C  26  POR  12    280
## 345            David Nwaba   SF  28  HOU  24    560
## 346            Jordan Nwora   SF  22  MIL  10     82
## 347          Royce O'Neale   SF  27  UTA  29    944
## 348          Semi Ojeleye   PF  26  BOS  27    530
## 349          Jahlil Okafor    C  25  DET  12    120
## 350            Chuma Okeke   PF  22  ORL  13    282
## 351            Josh Okogie   SG  22  MIN  23    467
## 352        Onyeka Okongwu    C  20  ATL   9     93
## 353            Isaac Okoro   SG  20  CLE  24    792
## 354             KZ Okpala   PF  21  MIA  14    168
## 355         Victor Oladipo   SG  28  TOT  20    640
## 356         Victor Oladipo   SG  28  IND   9    300
## 357         Victor Oladipo   SG  28  HOU  11    340
## 358          Kelly Olynyk    C  29  MIA  27    703
## 359              Miye Oni   SG  23  UTA  23    185
## 360            Cedi Osman   SF  25  CLE  29    766
## 361           Daniel Oturu    C  21  LAC  10     42
## 362        Kelly Oubre Jr.   SF  25  GSW  29    853
## 363          Eric Paschall   PF  24  GSW  26    459
## 364        Anžejs Pasečņiks    C  25  WAS   1      6
## 365       Patrick Patterson   PF  31  LAC  10    130
## 366             Chris Paul   PG  35  PHO  26    843
## 367          Cameron Payne   PG  26  PHO  16    275
## 368          Elfrid Payton   PG  26  NYK  30    831
## 369            Norvel Pelle  F-C  27  BRK   3     28
## 370            Reggie Perry   PF  20  BRK  14    147
## 371            Theo Pinson   SG  25  NYK   9     21
## 372          Mason Plumlee    C  30  DET  26    726
## 373           Jakob Poeltl    C  25  SAS  27    600
## 374        Vincent Poirier    C  27  PHI   4     18
## 375     Aleksej Pokusevski   PF  19  OKC  17    296
## 376           Jordan Poole   SG  21  GSW  15    143
## 377     Michael Porter Jr.   SF  22  DEN  18    486
## 378            Otto Porter   SF  27  CHI  16    372
## 379            Bobby Portis    C  25  MIL  28    610
## 380       Kristaps Porziņģis    C  25  DAL  17    509
## 381          Dwight Powell    C  29  DAL  17    277
## 382          Norman Powell   SG  27  TOR  26    735
## 383          Taurean Prince   PF  26  TOT  27    592
## 384          Taurean Prince   PF  26  BRK  12    218
## 385          Taurean Prince   PF  26  CLE  15    374
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## 386         Payton Pritchard    SG  23  BOS  22   472
## 387      Immanuel Quickley      PG  21  NYK  26   505
## 388        Jahmi'us Ramsey      SG  19  SAC   4    16
## 389        Chasson Randle        G  27  ORL   1    19
## 390          Julius Randle      PF  26  NYK  30  1101
## 391           Cam Reddish      SF  21  ATL  24   692
## 392            J.J. Redick      SG  36  NOP  25   456
## 393              Paul Reed      PF  21  PHI   5    55
## 394               Naz Reid       C  21  MIN  27   581
## 395          Nick Richards      PF  23  CHO   8    23
## 396        Josh Richardson      SG  27  DAL  19   601
## 397          Austin Rivers      SG  28  NYK  21   442
## 398        Duncan Robinson      SF  26  MIA  28   931
## 399     Glenn Robinson III     SF  27  SAC  22   346
## 400       Jerome Robinson      SG  23  WAS  13   221
## 401      Mitchell Robinson       C  22  NYK  27   778
## 402            Isaiah Roby      PF  22  OKC  22   445
## 403             Rajon Rondo     PG  34  ATL  14   214
## 404            Derrick Rose     PG  32  TOT  20   445
## 405            Derrick Rose     PG  32  DET  15   342
## 406            Derrick Rose      G  32  NYK   5   103
## 407           Terrence Ross    SG  29  ORL  28   806
## 408            Terry Rozier    SG  26  CHO  26   867
## 409             Ricky Rubio    PG  30  MIN  27   679
## 410        D'Angelo Russell    PG  24  MIN  20   583
## 411        Domantas Sabonis    PF  24  IND  29  1055
## 412            Luka Šamanić    PF  21  SAS   4    11
## 413          JaKarr Sampson    PF  27  IND  13    78
## 414            Dario Šarić    PF  26  PHO  10   181
## 415       Tomáš Satoranský    SG  29  CHI  16   320
## 416         Dennis Schröder    SG  27  LAL  29   902
## 417              Mike Scott    PF  32  PHI  11   193
## 418           Collin Sexton    SG  22  CLE  24   847
## 419           Landry Shamet    SG  23  BRK  26   494
## 420           Pascal Siakam    PF  26  TOR  25   895
## 421             Chris Silva    PF  24  MIA   6    53
## 422             Ben Simmons    PG  24  PHI  25   835
## 423         Anfernee Simons    SG  21  POR  25   447
## 424         Deividas Sirvydis   SG  20  DET   4     5
## 425            Marcus Smart    PG  26  BOS  17   549
## 426        Dennis Smith Jr.    PG  23  TOT   7    85
## 427        Dennis Smith Jr.    PG  23  NYK   3    28
## 428        Dennis Smith Jr.     G  23  DET   4    57
## 429              Ish Smith    PG  32  WAS  19   391
## 430            Jalen Smith    PF  20  PHO   8    50
## 431             Tony Snell    SG  29  ATL  15   193
## 432           Ray Spalding     F  23  HOU   2    19
## 433         Cassius Stanley    SG  21  IND   8    23
## 434           Lamar Stevens    PF  23  CLE  18   265
## 435         Isaiah Stewart     C  19  DET  26   466
## 436               Max Strus    SF  24  MIA  16   235
## 437           Edmond Sumner    SG  25  IND  16   150
## 438           Jae'Sean Tate    SF  25  HOU  28   763
## 439           Jayson Tatum    SF  22  BOS  23   810
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## 440            Jeff Teague   PG  32  BOS  23   397
## 441         Garrett Temple   SG  34  CHI  26   715
## 442           Tyrell Terry   PG  20  DAL  11    56
## 443           Daniel Theis    C  28  BOS  26   623
## 444          Brodric Thomas   SG  24  HOU   4    24
## 445             Matt Thomas   SG  26  TOR  14    84
## 446        Tristan Thompson   PF  29  BOS  26   586
## 447      Sindarius Thornwell  SG  26  NOP  10    51
## 448         Matisse Thybulle  SG  23  PHI  26   461
## 449       Xavier Tillman Sr.  PF  22  MEM  19   402
## 450              Obi Toppin   PF  22  NYK  20   240
## 451    Juan Toscano-Anderson  SG  27  GSW  16   349
## 452       Karl-Anthony Towns   C  25  MIN   9   298
## 453           Gary Trent Jr.  SG  22  POR  26   785
## 454             P.J. Tucker   PF  35  HOU  26   780
## 455            Myles Turner    C  24  IND  27   842
## 456        Jonas Valančiūnas   C  28  MEM  19   522
## 457         Denzel Valentine  SG  27  CHI  23   462
## 458         Jarred Vanderbilt  PF  21  MIN  27   517
## 459            Fred VanVleet   SG  26  TOR  28  1020
## 460            Devin Vassell  SF  20  SAS  26   451
## 461            Gabe Vincent   PG  24  MIA  18   292
## 462             Noah Vonleh    F  25  BRK   3     8
## 463          Nikola Vučević    C  30  ORL  29   974
## 464               Dean Wade   PF  24  CLE  23   192
## 465           Moritz Wagner    C  23  WAS  14   191
## 466            Kemba Walker   PG  30  BOS  13   364
## 467           Lonnie Walker   SG  22  SAS  25   666
## 468               John Wall   PG  30  HOU  19   591
## 469           Brad Wanamaker  PG  31  GSW  29   465
## 470             T.J. Warren   SF  27  IND   4   117
## 471          P.J. Washington  PF  22  CHO  24   691
## 472           Yuta Watanabe   SF  26  TOR  18   223
## 473           Tremont Waters  PG  23  BOS   9    90
## 474             Paul Watson   SF  26  TOR  13    42
## 475   Quinndary Weatherspoon  SG  24  SAS   5    24
## 476        Russell Westbrook  PG  32  WAS  19   631
## 477              Coby White   PG  20  CHI  27   904
## 478           Derrick White   SG  26  SAS   8   189
## 479         Hassan Whiteside   C  31  SAC  20   296
## 480           Andrew Wiggins  PF  25  GSW  29   934
## 481          Grant Williams   PF  22  BOS  24   462
## 482        Kenrich Williams   PF  26  OKC  28   512
## 483             Lou Williams   PG  34  LAC  28   626
## 484         Patrick Williams  PF  19  CHI  26   720
## 485          Robert Williams   C  23  BOS  21   317
## 486         Zion Williamson   PF  20  NOP  27   880
## 487              D.J. Wilson  PF  24  MIL  10    94
## 488            Dylan Windler  SF  24  CLE  15   262
## 489          Cassius Winston  PG  22  WAS   6    44
## 490           James Wiseman    C  19  GSW  20   419
## 491           Christian Wood    C  25  HOU  17   530
## 492          Robert Woodard   SF  21  SAC   6    17
## 493             Delon Wright  SG  28  DET  28   823
```

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## 494          Thaddeus Young    PF  32  CHI    23          592
## 495              Trae Young    PG  22  ATL    26          901
## 496             Cody Zeller     C  28  CHO    15          361
## 497            Ivica Zubac      C  23  LAC    30          586
##     Player.Efficiency.Rating true.shooting.. X3.point.attempt.rate
## 1                       15.1          0.599                  0.000
## 2                       -6.9          0.125                  0.250
## 3                       15.9          0.592                  0.006
## 4                       22.7          0.641                  0.015
## 5                       15.2          0.542                  0.298
## 6                      -11.9          0.000                  0.333
## 7                       12.0          0.502                  0.463
## 8                       14.0          0.630                  0.721
## 9                       22.5          0.695                  0.021
## 10                      21.3          0.730                  0.000
## 11                      23.5          0.675                  0.032
## 12                       7.5          0.798                  1.000
## 13                      17.8          0.579                  0.401
## 14                      28.3          0.620                  0.216
## 15                      -9.1          0.000                  0.000
## 16                      10.3          0.688                  0.269
## 17                      13.8          0.515                  0.386
## 18                      10.3          0.469                  0.309
## 19                      14.7          0.632                  0.548
## 20                      11.2          0.534                  0.667
## 21                      10.8          0.514                  0.642
## 22                       8.9          0.534                  0.576
## 23                      17.7          0.617                  0.058
## 24                      10.6          0.622                  0.000
## 25                      10.7          0.513                  0.297
## 26                      13.9          0.530                  0.260
## 27                      18.2          0.542                  0.414
## 28                      14.2          0.554                  0.622
## 29                      23.4          0.560                  0.278
## 30                      12.6          0.631                  0.548
## 31                      15.7          0.615                  0.392
## 32                      13.1          0.504                  0.233
## 33                      11.6          0.540                  0.396
## 34                       0.3          0.215                  0.444
## 35                      14.8          0.670                  0.683
## 36                       8.4          0.463                  0.370
## 37                      14.7          0.647                  0.462
## 38                       9.6          0.489                  0.455
## 39                      24.8          0.591                  0.308
## 40                      16.7          0.581                  0.510
## 41                       8.0          0.333                  0.133
## 42                      13.2          0.671                  0.259
## 43                      11.5          0.589                  0.891
## 44                      13.7          0.603                  0.637
## 45                      13.0          0.593                  0.665
## 46                      14.0          0.444                  0.000
## 47                      16.1          0.577                  0.086
## 48                      18.3          0.635                  0.316
## 49                      12.6          0.569                  0.008
```

```
## 50                   12.6           0.567              0.388
## 51                   12.6           0.556              0.518
## 52                   -6.0           0.111              0.333
## 53                    9.9           0.543              0.744
## 54                   12.3           0.567              0.544
## 55                    4.7           0.504              0.375
## 56                   13.4           0.537              0.000
## 57                    9.0           0.519              0.593
## 58                    5.0           0.523              0.611
## 59                   17.2           0.593              0.317
## 60                   23.4           0.650              0.405
## 61                   17.8           0.615              0.000
## 62                   10.4           0.607              0.576
## 63                   20.3           0.537              0.028
## 64                   10.3           0.563              0.750
## 65                   11.4           0.532              0.000
## 66                   16.3           0.634              0.489
## 67                   12.0           0.581              0.442
## 68                   18.3           0.548              0.365
## 69                   10.3           0.485              0.389
## 70                   12.8           0.590              0.172
## 71                   22.3           0.598              0.303
## 72                   33.5           0.650              0.000
## 73                   12.9           0.590              0.613
## 74                    5.4           0.461              0.581
## 75                   16.4           0.626              0.340
## 76                   18.8           0.704              0.231
## 77                    8.9           0.540              0.605
## 78                   13.7           0.571              0.511
## 79                   13.5           0.550              0.543
## 80                   24.2           0.559              0.110
## 81                    9.2           0.475              0.294
## 82                   38.7           1.000              0.000
## 83                    9.8           0.589              0.548
## 84                   12.1           0.561              0.667
## 85                    2.1           0.269              0.571
## 86                   23.1           0.582              0.000
## 87                   29.8           0.387              0.333
## 88                    8.3           0.447              0.671
## 89                   17.1           0.613              0.109
## 90                    8.2           0.418              0.207
## 91                   11.5           0.596              0.515
## 92                   14.8           0.646              0.051
## 93                   10.7           0.414              0.439
## 94                   11.9           0.412              0.357
## 95                    5.3           0.423              0.853
## 96                   16.6           0.539              0.162
## 97                   19.0           0.588              0.575
## 98                   10.1           0.637              0.525
## 99                   19.3           0.635              0.261
## 100                  19.8           0.593              0.536
## 101                  13.2           0.570              0.672
## 102                  12.4           0.560              0.524
## 103                  15.1           0.511              0.552
```

```
## 104                10.0          0.511          0.710
## 105                11.6          0.568          0.486
## 106                11.5          0.540          0.771
## 107                10.7          0.518          0.279
## 108                14.1          0.652          0.471
## 109                25.6          0.661          0.578
## 110                24.7          0.588          0.151
## 111                12.2          0.462          0.000
## 112                11.2          0.563          0.570
## 113                21.7          0.603          0.143
## 114                15.9          0.539          0.138
## 115                18.6          0.678          0.426
## 116                10.1          0.536          0.438
## 117                12.7          0.536          0.552
## 118                26.8          0.586          0.340
## 119                 9.5          0.531          0.542
## 120                 9.9          0.504          0.532
## 121                 6.7          0.500          0.000
## 122                 6.1          0.441          0.382
## 123                13.6          0.576          0.394
## 124                13.4          0.566          0.400
## 125                20.9          0.500          0.021
## 126                11.5          1.500          1.000
## 127                25.1          0.652          0.315
## 128                10.5          0.479          0.403
## 129                12.2          0.551          0.545
## 130                12.2          0.592          0.621
## 131                12.8          0.633          0.769
## 132                30.8          0.661          0.169
## 133                12.7          0.622          0.369
## 134                12.4          0.500          0.000
## 135                 6.1          0.428          0.423
## 136                22.5          0.612          0.000
## 137                20.6          0.675          0.010
## 138                18.1          0.731          0.000
## 139                -5.9          0.000          1.000
## 140                 7.4          0.472          0.091
## 141                12.7          0.434          0.429
## 142                11.0          0.595          0.693
## 143                 4.5          0.356          0.590
## 144                11.8          0.629          0.599
## 145                 9.2          0.347          1.000
## 146                17.5          0.593          0.482
## 147                19.9          0.564          0.304
## 148                 0.3          0.250          0.250
## 149                12.2          0.458          0.154
## 150                -1.4          0.000          0.333
## 151                17.6          0.689          0.000
## 152                12.5          0.594          0.570
## 153                13.2          0.650          0.575
## 154                12.9          0.533          0.288
## 155                10.3          0.550          0.570
## 156                13.9          0.524          0.434
## 157                23.2          0.662          0.474
```

```
## 158               10.6             0.530             0.250
## 159               11.3             0.486             0.129
## 160               21.6             0.612             0.311
## 161                7.9             0.425             0.700
## 162               23.2             0.644             0.004
## 163                8.1             0.431             0.510
## 164               14.9             0.528             0.394
## 165               16.8             0.612             0.578
## 166               12.1             0.503             0.652
## 167               18.7             0.579             0.373
## 168                9.7             0.550             0.757
## 169               10.3             0.431             0.331
## 170               14.6             0.585             0.536
## 171               12.7             0.595             0.339
## 172               12.2             0.647             0.534
## 173                6.4             0.514             0.333
## 174               10.0             0.491             0.559
## 175               11.8             0.408             0.500
## 176               12.9             0.549             0.255
## 177              -12.6             0.000             0.000
## 178               17.5             0.629             0.548
## 179               -2.3             0.285             0.444
## 180                7.3             0.473             0.340
## 181               14.2             0.579             0.586
## 182               24.2             0.648             0.500
## 183               22.7             0.613             0.533
## 184               24.9             0.668             0.482
## 185                4.6             0.551             0.800
## 186              -11.9             0.532             0.000
## 187               21.3             0.676             0.017
## 188                9.3             0.544             0.481
## 189              -10.5             0.000             0.000
## 190               14.9             0.688             0.631
## 191               19.7             0.615             0.270
## 192                7.0             0.393             0.053
## 193               12.5             0.577             0.590
## 194               19.1             0.568             0.000
## 195               15.5             0.662             0.000
## 196               -1.4             0.334             0.426
## 197               18.7             0.598             0.313
## 198               10.5             0.511             0.587
## 199               20.6             0.578             0.076
## 200               12.1             0.535             0.420
## 201               10.7             0.540             0.736
## 202               16.0             0.630             0.475
## 203                6.4             0.494             0.750
## 204               -6.5             0.288             0.385
## 205                7.1             0.464             0.425
## 206               19.9             0.593             0.371
## 207               12.4             0.628             0.676
## 208               18.2             0.677             0.024
## 209                5.0             0.427             0.359
## 210               17.6             0.547             0.425
## 211               11.7             0.521             0.287
```

```
## 212            8.9        0.496        0.604
## 213           13.9        0.575        0.073
## 214           -6.4        0.259        0.724
## 215           11.9        0.539        0.537
## 216            9.8        0.477        0.667
## 217           17.5        0.640        0.390
## 218            0.5        0.344        0.167
## 219           18.2        0.593        0.287
## 220            8.9        0.492        0.766
## 221           16.7        0.694        0.675
## 222           20.4        0.592        0.356
## 223           25.3        0.647        0.346
## 224            3.6        0.367        0.500
## 225            1.5        0.344        0.625
## 226           12.2        0.530        0.420
## 227           12.1        0.569        0.509
## 228           13.3        0.534        0.462
## 229            6.6        0.360        0.267
## 230           24.2        0.600        0.355
## 231            3.5        0.250        0.500
## 232           10.3        0.546        0.789
## 233           13.2        0.588        0.687
## 234           12.3        0.550        0.407
## 235           15.3        0.556        0.260
## 236            9.6        0.558        0.597
## 237           11.1        0.616        0.681
## 238           31.4        0.656        0.207
## 239            3.9        0.466        0.100
## 240           11.3        0.556        0.434
## 241           11.8        0.584        0.569
## 242           19.6        0.634        0.083
## 243           14.2        0.466        0.354
## 244           16.7        0.764        0.000
## 245           10.8        0.551        0.355
## 246           -0.8        0.343        0.522
## 247           16.2        0.531        0.339
## 248           21.9        0.611        0.000
## 249           10.8        0.599        0.553
## 250           11.4        0.639        0.744
## 251           16.9        0.549        0.409
## 252            8.1        0.520        0.584
## 253           13.3        0.555        0.393
## 254            8.1        0.496        0.577
## 255            3.7        0.302        0.786
## 256            3.2        0.383        0.700
## 257            7.6        0.500        0.667
## 258            2.0        0.364        0.706
## 259           13.1        0.546        0.482
## 260           17.8        0.676        0.477
## 261           22.7        0.649        0.420
## 262           13.0        0.583        0.402
## 263           24.2        0.470        0.250
## 264           11.2        0.609        0.791
## 265            7.0        0.489        0.071
```

```
## 266          15.5          0.667          0.253
## 267           4.3          0.633          0.600
## 268          19.5          0.673          0.200
## 269          27.5          0.617          0.259
## 270           6.6          0.635          1.000
## 271          19.1          0.516          0.315
## 272          11.7          0.491          0.333
## 273          27.1          0.625          0.529
## 274          16.3          0.717          0.450
## 275          13.9          0.656          0.094
## 276          13.4          0.587          0.540
## 277          15.0          0.632          0.088
## 278          11.2          0.470          0.500
## 279          16.3          0.601          0.539
## 280           9.8          0.538          0.637
## 281          11.6          0.575          0.417
## 282          18.9          0.657          0.111
## 283           8.2          0.525          0.563
## 284          -0.7          0.325          0.222
## 285          11.2          0.537          0.255
## 286           7.8          0.305          0.692
## 287          21.2          0.544          0.056
## 288          17.2          0.654          0.546
## 289          -0.4          0.174          0.500
## 290          11.9          0.496          0.420
## 291          13.5          0.601          0.342
## 292           1.4          0.389          0.444
## 293           9.1          0.394          0.148
## 294           7.6          0.462          0.208
## 295          13.9          0.619          0.800
## 296           9.8          0.474          0.542
## 297           8.2          0.580          0.811
## 298          13.4          0.513          0.239
## 299          19.3          0.605          0.444
## 300          26.4          0.620          0.550
## 301          15.2          0.520          0.115
## 302           8.0          0.498          0.534
## 303           7.2          0.542          0.273
## 304          13.8          0.607          0.429
## 305           7.6          0.656          0.733
## 306          16.5          0.502          0.119
## 307          11.1          0.591          0.368
## 308          22.7          0.704          0.313
## 309          13.1          0.459          0.255
## 310           8.6          0.517          0.722
## 311           5.8          0.430          0.786
## 312          15.6          0.580          0.430
## 313          12.5          0.643          0.800
## 314          20.3          0.545          0.100
## 315          20.1          0.632          0.376
## 316          12.5          0.671          0.875
## 317          14.7          0.598          0.618
## 318          17.0          0.630          0.413
## 319          15.3          0.562          0.301
```

```
## 320                18.9           0.559           0.445
## 321                 5.4           0.393           0.571
## 322                13.0           0.613           0.550
## 323                 8.7           0.490           0.260
## 324                18.7           0.544           0.218
## 325                 7.5           0.524           0.692
## 326                15.0           0.609           0.502
## 327                 8.9           0.520           0.667
## 328                14.9           0.583           0.380
## 329                11.2           0.670           0.857
## 330                16.4           0.512           0.238
## 331                15.8           0.557           0.399
## 332                14.6           0.606           0.692
## 333                11.6           0.536           0.767
## 334                14.8           0.615           0.403
## 335                13.2           0.571           0.434
## 336                 4.4           0.489           0.809
## 337                13.6           0.564           0.404
## 338                 8.3           0.510           0.684
## 339                12.5           0.652           0.625
## 340                14.3           0.570           0.026
## 341                15.3           0.565           0.414
## 342                12.4           0.587           0.643
## 343                12.3           0.577           0.482
## 344                16.1           0.514           0.117
## 345                13.4           0.553           0.315
## 346                12.9           0.616           0.432
## 347                10.5           0.635           0.704
## 348                 9.2           0.568           0.703
## 349                15.6           0.595           0.071
## 350                 9.4           0.462           0.500
## 351                 7.7           0.454           0.418
## 352                12.2           0.556           0.000
## 353                 5.6           0.470           0.376
## 354                 3.2           0.490           0.613
## 355                14.5           0.501           0.418
## 356                16.0           0.535           0.454
## 357                13.2           0.475           0.391
## 358                12.0           0.558           0.725
## 359                 6.0           0.505           0.839
## 360                11.2           0.499           0.559
## 361                21.6           0.630           0.067
## 362                12.4           0.510           0.421
## 363                15.0           0.571           0.179
## 364               -40.9           0.000           1.000
## 365                 8.4           0.566           0.737
## 366                20.4           0.589           0.296
## 367                13.5           0.570           0.427
## 368                11.9           0.484           0.158
## 369                 2.1           0.429           0.000
## 370                 9.7           0.455           0.235
## 371                -9.7           0.143           0.857
## 372                17.2           0.622           0.027
## 373                16.5           0.582           0.000
```

```
## 374                 10.4        0.420        0.000
## 375                  2.4        0.301        0.602
## 376                 14.6        0.598        0.639
## 377                 17.3        0.594        0.526
## 378                 16.5        0.582        0.486
## 379                 20.9        0.622        0.246
## 380                 21.2        0.576        0.387
## 381                 12.7        0.599        0.149
## 382                 15.3        0.609        0.451
## 383                 11.7        0.541        0.490
## 384                 11.7        0.565        0.500
## 385                 11.7        0.525        0.483
## 386                 11.9        0.608        0.561
## 387                 18.4        0.553        0.469
## 388                 11.5        0.625        0.750
## 389                  1.3        0.250        0.500
## 390                 20.7        0.589        0.267
## 391                  9.3        0.498        0.483
## 392                 10.1        0.558        0.701
## 393                  8.6        0.409        0.136
## 394                 18.9        0.607        0.292
## 395                 13.3        0.637        0.000
## 396                 11.0        0.549        0.500
## 397                  9.7        0.545        0.570
## 398                  8.8        0.607        0.860
## 399                  9.2        0.567        0.462
## 400                  6.0        0.456        0.463
## 401                 17.5        0.647        0.000
## 402                 16.2        0.605        0.255
## 403                  8.9        0.421        0.473
## 404                 17.3        0.514        0.205
## 405                 17.4        0.517        0.212
## 406                 17.0        0.503        0.180
## 407                 12.6        0.530        0.427
## 408                 18.3        0.625        0.505
## 409                 11.2        0.475        0.320
## 410                 16.4        0.544        0.454
## 411                 20.7        0.595        0.180
## 412                  9.9        0.509        0.500
## 413                 12.1        0.510        0.120
## 414                 16.7        0.574        0.438
## 415                 14.3        0.620        0.342
## 416                 12.6        0.541        0.270
## 417                  3.9        0.456        0.792
## 418                 17.3        0.574        0.206
## 419                  9.1        0.544        0.728
## 420                 17.6        0.541        0.248
## 421                 16.2        0.805        0.111
## 422                 19.9        0.599        0.023
## 423                 12.7        0.582        0.712
## 424                 -9.8        0.000        1.000
## 425                 14.6        0.516        0.479
## 426                  8.5        0.428        0.364
## 427                  7.0        0.356        0.400
```

```
## 428                9.3              0.464              0.348
## 429               10.6              0.404              0.172
## 430                7.7              0.391              0.412
## 431                7.3              0.575              0.725
## 432                0.9              0.410              0.250
## 433                6.9              0.489              0.286
## 434                9.2              0.461              0.195
## 435               14.1              0.556              0.037
## 436               13.8              0.699              0.810
## 437               11.4              0.572              0.333
## 438               13.4              0.615              0.284
## 439               21.4              0.561              0.338
## 440                8.2              0.443              0.292
## 441                9.6              0.551              0.563
## 442                6.0              0.318              0.438
## 443               15.5              0.653              0.345
## 444                7.4              0.496              0.857
## 445               10.5              0.588              0.750
## 446               13.6              0.533              0.014
## 447                8.7              0.505              0.500
## 448                9.1              0.481              0.627
## 449               15.0              0.599              0.202
## 450               12.7              0.561              0.446
## 451               12.4              0.647              0.347
## 452               23.9              0.633              0.309
## 453               14.0              0.585              0.578
## 454                5.5              0.511              0.652
## 455               17.0              0.615              0.474
## 456               22.1              0.639              0.099
## 457               11.8              0.511              0.606
## 458               16.7              0.602              0.018
## 459               18.3              0.560              0.525
## 460               12.5              0.529              0.500
## 461                5.5              0.462              0.612
## 462              -20.9              0.000              0.500
## 463               23.4              0.564              0.318
## 464                6.1              0.479              0.673
## 465               15.4              0.662              0.333
## 466               14.2              0.500              0.487
## 467                8.6              0.509              0.442
## 468               17.3              0.539              0.347
## 469                9.2              0.467              0.388
## 470               12.0              0.560              0.137
## 471               12.8              0.516              0.342
## 472               11.1              0.514              0.549
## 473                5.4              0.360              0.444
## 474               23.0              0.929              0.786
## 475              -10.2              0.340              0.200
## 476               14.4              0.469              0.229
## 477               10.9              0.522              0.492
## 478               15.0              0.508              0.512
## 479               22.2              0.617              0.009
## 480               14.0              0.556              0.360
## 481                8.0              0.562              0.520
```

```
## 482                 13.4           0.607                    0.281
## 483                 16.5           0.529                    0.271
## 484                  9.8           0.553                    0.275
## 485                 24.1           0.731                    0.013
## 486                 27.0           0.659                    0.038
## 487                  8.0           0.488                    0.622
## 488                 13.4           0.621                    0.646
## 489                  9.8           0.597                    0.700
## 490                 15.1           0.548                    0.113
## 491                 24.1           0.634                    0.285
## 492                 22.9           0.547                    0.273
## 493                 16.6           0.559                    0.298
## 494                 18.5           0.597                    0.104
## 495                 22.9           0.598                    0.349
## 496                 18.2           0.569                    0.133
## 497                 20.5           0.722                    0.007
##      free.throw.attempt.rate offensive.rebound.percentage
## 1                      0.541                         10.5
## 2                      0.000                          0.0
## 3                      0.397                         16.9
## 4                      0.469                          6.8
## 5                      0.093                          3.2
## 6                      0.000                          0.0
## 7                      0.170                          1.3
## 8                      0.264                          1.7
## 9                      0.695                         12.6
## 10                     0.938                         14.2
## 11                     0.568                         11.4
## 12                     2.000                          6.2
## 13                     0.249                          3.5
## 14                     0.540                          5.6
## 15                     0.000                          0.0
## 16                     0.269                          9.5
## 17                     0.241                          2.2
## 18                     0.204                          3.0
## 19                     0.258                          5.0
## 20                     0.208                          1.1
## 21                     0.277                          2.5
## 22                     0.144                          2.4
## 23                     0.219                         13.0
## 24                     0.857                          9.1
## 25                     0.197                          1.7
## 26                     0.268                          9.0
## 27                     0.198                          5.8
## 28                     0.089                          2.3
## 29                     0.093                         14.1
## 30                     0.110                          2.1
## 31                     0.389                          3.3
## 32                     0.275                          4.1
## 33                     0.176                          1.8
## 34                     0.667                          3.7
## 35                     0.164                          3.4
## 36                     0.062                          8.4
## 37                     0.227                          3.1
```

```
## 38                0.186                      1.8
## 39                0.348                      3.9
## 40                0.142                      2.8
## 41                0.000                     10.1
## 42                0.204                      3.3
## 43                0.257                      1.7
## 44                0.234                      4.8
## 45                0.253                      2.2
## 46                0.800                     16.8
## 47                0.443                     12.6
## 48                0.316                      8.1
## 49                0.395                     10.2
## 50                0.418                      6.2
## 51                0.190                      1.8
## 52                0.000                      0.0
## 53                0.115                      1.0
## 54                0.251                      1.7
## 55                0.125                      0.0
## 56                2.667                     11.1
## 57                0.000                      2.0
## 58                0.083                      3.5
## 59                0.294                      0.6
## 60                0.365                      9.0
## 61                0.500                      0.0
## 62                0.136                      1.1
## 63                0.139                     20.4
## 64                0.000                      5.0
## 65                2.000                     15.2
## 66                0.243                      4.7
## 67                0.147                      5.2
## 68                0.159                      2.4
## 69                0.135                      3.8
## 70                0.227                      7.9
## 71                0.246                      3.9
## 72                1.400                     13.6
## 73                0.063                      3.8
## 74                0.194                      3.9
## 75                0.270                      0.9
## 76                0.264                      6.7
## 77                0.084                      1.1
## 78                0.152                      0.9
## 79                0.265                      2.1
## 80                0.612                      6.5
## 81                0.118                      8.7
## 82                0.000                      0.0
## 83                0.161                      1.5
## 84                0.302                      1.6
## 85                0.143                      7.5
## 86                0.282                     17.0
## 87                0.667                     35.0
## 88                0.027                      1.3
## 89                0.522                      9.3
## 90                0.280                      7.3
## 91                0.124                      3.1
```

```
## 92                0.444                    7.9
## 93                0.268                    3.2
## 94                0.286                   11.8
## 95                0.069                    5.3
## 96                0.185                    6.3
## 97                0.112                    3.9
## 98                0.225                    2.3
## 99                0.228                    7.5
## 100               0.223                    3.8
## 101               0.063                    5.0
## 102               0.238                    0.0
## 103               0.281                    6.2
## 104               0.097                    2.5
## 105               0.054                    7.5
## 106               0.154                    1.7
## 107               0.297                    7.5
## 108               0.196                    0.9
## 109               0.261                    1.4
## 110               0.339                    7.2
## 111               0.186                   14.7
## 112               0.078                    2.1
## 113               0.503                    2.3
## 114               0.418                    5.0
## 115               0.330                    8.6
## 116               0.375                    0.0
## 117               0.085                    4.3
## 118               0.392                    2.7
## 119               0.248                    2.5
## 120               0.150                    0.9
## 121               0.000                    0.0
## 122               0.225                    5.1
## 123               0.266                    5.5
## 124               0.241                    1.8
## 125               0.339                   15.0
## 126               0.000                    5.3
## 127               0.404                    1.2
## 128               0.163                    2.3
## 129               0.164                    1.6
## 130               0.310                    4.2
## 131               0.095                    1.6
## 132               0.649                    6.7
## 133               0.301                    5.2
## 134               0.432                    5.1
## 135               0.077                    1.8
## 136               0.667                   17.8
## 137               0.438                   14.0
## 138               2.000                   17.9
## 139               0.000                    0.0
## 140               0.682                    9.9
## 141               0.095                    8.0
## 142               0.086                    5.2
## 143               0.103                    1.0
## 144               0.099                    1.1
## 145               1.000                    0.0
```

```
## 146                0.389                          0.9
## 147                0.372                          2.3
## 148                0.000                          0.0
## 149                0.183                          2.3
## 150                0.000                         11.1
## 151                0.507                         11.3
## 152                0.430                          1.0
## 153                0.219                          1.9
## 154                0.104                          1.6
## 155                0.250                          4.6
## 156                0.167                          4.2
## 157                0.254                          2.2
## 158                0.300                         10.8
## 159                0.290                          9.8
## 160                0.404                          2.1
## 161                0.400                          4.7
## 162                0.676                         12.9
## 163                0.235                          1.2
## 164                0.376                          6.0
## 165                0.311                          1.1
## 166                0.229                          1.8
## 167                0.343                          2.4
## 168                0.063                          3.9
## 169                0.262                          2.1
## 170                0.179                          9.0
## 171                0.468                          6.7
## 172                0.218                          2.1
## 173                0.306                          6.2
## 174                0.279                          1.2
## 175                0.250                          4.1
## 176                0.378                          4.0
## 177                0.000                          0.0
## 178                0.071                          3.7
## 179                0.389                          2.1
## 180                0.128                          5.6
## 181                0.181                          0.8
## 182                0.434                          2.3
## 183                0.444                          1.8
## 184                0.429                          2.5
## 185                0.200                          1.1
## 186                2.000                          0.0
## 187                0.429                         10.7
## 188                0.192                          2.5
## 189                0.000                         26.7
## 190                0.073                          2.3
## 191                0.225                          4.2
## 192                0.316                          6.2
## 193                0.231                          4.1
## 194                0.491                         18.6
## 195                0.473                         11.7
## 196                0.043                          0.7
## 197                0.273                          2.7
## 198                0.187                          5.5
## 199                0.348                         17.0
```

```
## 200                0.169                          1.6
## 201                0.123                          1.2
## 202                0.208                          2.3
## 203                0.083                          2.3
## 204                0.154                          0.0
## 205                0.132                          1.2
## 206                0.144                          4.2
## 207                0.174                          2.5
## 208                0.276                          9.1
## 209                0.046                          0.9
## 210                0.073                          3.1
## 211                0.187                          2.5
## 212                0.216                          2.2
## 213                0.782                         18.3
## 214                0.000                          0.0
## 215                0.080                          2.5
## 216                0.267                          0.0
## 217                0.348                          3.0
## 218                0.111                          1.8
## 219                0.164                          9.1
## 220                0.099                          2.8
## 221                0.173                          1.8
## 222                0.308                          1.9
## 223                0.213                          3.0
## 224                0.217                          2.4
## 225                0.000                          0.0
## 226                0.325                          3.3
## 227                0.155                          2.6
## 228                0.196                          1.9
## 229                0.467                          4.3
## 230                0.318                          2.0
## 231                0.000                          5.3
## 232                0.070                          2.1
## 233                0.133                          2.8
## 234                0.195                          2.8
## 235                0.321                          5.8
## 236                0.226                          4.1
## 237                0.043                          1.5
## 238                0.300                          9.3
## 239                0.900                         10.2
## 240                0.343                          6.9
## 241                0.431                          1.6
## 242                0.417                         14.9
## 243                0.078                          2.8
## 244                0.372                          9.7
## 245                0.174                          2.2
## 246                0.174                          1.7
## 247                0.200                          6.8
## 248                0.278                         16.7
## 249                0.080                          1.4
## 250                0.209                          4.0
## 251                0.364                         16.2
## 252                0.106                          2.6
## 253                0.286                          6.5
```

```
## 254               0.123                      1.3
## 255               0.143                      0.0
## 256               0.100                      2.9
## 257               0.000                      0.0
## 258               0.118                      3.7
## 259               0.094                      8.2
## 260               0.300                      3.9
## 261               0.272                      2.6
## 262               0.250                      1.7
## 263               0.750                     12.4
## 264               0.158                      2.3
## 265               0.714                      1.5
## 266               0.453                      5.2
## 267               0.600                      0.0
## 268               0.431                      7.0
## 269               0.320                      2.8
## 270               0.286                      0.0
## 271               0.170                      3.6
## 272               0.230                      1.0
## 273               0.379                      1.4
## 274               0.225                      7.2
## 275               0.245                     11.1
## 276               0.186                      6.0
## 277               0.445                     11.4
## 278               0.278                      4.7
## 279               0.264                      2.4
## 280               0.124                      3.4
## 281               0.417                      4.3
## 282               0.611                     11.3
## 283               0.150                      1.0
## 284               0.444                      0.0
## 285               0.340                      7.1
## 286               0.308                      0.0
## 287               0.241                     20.2
## 288               0.243                      2.1
## 289               1.000                      0.0
## 290               0.210                      5.5
## 291               0.263                      6.6
## 292               0.000                      2.6
## 293               0.185                     12.1
## 294               0.292                      3.8
## 295               0.432                      2.5
## 296               0.125                      0.9
## 297               0.167                      2.1
## 298               0.111                      1.4
## 299               0.370                      4.8
## 300               0.173                      1.6
## 301               0.086                      3.2
## 302               0.127                      3.6
## 303               0.333                      3.9
## 304               0.156                      4.3
## 305               0.267                      3.5
## 306               0.326                     11.6
## 307               0.158                      5.1
```

```
## 308                    0.250                         15.8
## 309                    0.096                          3.0
## 310                    0.157                          2.4
## 311                    0.179                          1.6
## 312                    0.080                          1.7
## 313                    0.200                          5.9
## 314                    0.300                         16.8
## 315                    0.224                          2.4
## 316                    0.125                          0.9
## 317                    0.124                          1.0
## 318                    0.312                          7.4
## 319                    0.335                          2.5
## 320                    0.261                          3.2
## 321                    0.000                          2.7
## 322                    0.167                          1.7
## 323                    0.110                          2.5
## 324                    0.361                          2.7
## 325                    0.231                          5.2
## 326                    0.185                          3.5
## 327                    0.194                          4.6
## 328                    0.205                          1.1
## 329                    0.131                          0.4
## 330                    0.155                          2.1
## 331                    0.215                          2.4
## 332                    0.162                          3.0
## 333                    0.160                          1.8
## 334                    0.290                          0.0
## 335                    0.145                          4.6
## 336                    0.149                          4.0
## 337                    0.142                          2.6
## 338                    0.037                          2.9
## 339                    0.125                          5.0
## 340                    0.282                          9.4
## 341                    0.241                          3.5
## 342                    0.214                          2.5
## 343                    0.106                          1.9
## 344                    0.262                          8.4
## 345                    0.298                          5.4
## 346                    0.270                          1.3
## 347                    0.154                          3.9
## 348                    0.195                          3.5
## 349                    0.048                         11.7
## 350                    0.103                          5.7
## 351                    0.345                          4.8
## 352                    0.632                          7.0
## 353                    0.271                          2.8
## 354                    0.194                          2.8
## 355                    0.209                          0.7
## 356                    0.243                          0.4
## 357                    0.183                          0.9
## 358                    0.092                          4.6
## 359                    0.194                          7.2
## 360                    0.133                          2.8
## 361                    0.133                         13.8
```

```
## 362                0.226                      5.1
## 363                0.313                      5.3
## 364                0.000                     16.9
## 365                0.105                      3.6
## 366                0.204                      2.0
## 367                0.101                      0.8
## 368                0.161                      4.9
## 369                0.000                     12.8
## 370                0.176                     13.8
## 371                0.000                      0.0
## 372                0.372                     11.7
## 373                0.290                     13.6
## 374                1.333                     12.6
## 375                0.000                      1.8
## 376                0.311                      1.5
## 377                0.155                      4.9
## 378                0.250                      6.1
## 379                0.111                      9.8
## 380                0.197                      7.5
## 381                0.957                      7.9
## 382                0.289                      1.6
## 383                0.273                      2.2
## 384                0.365                      1.1
## 385                0.217                      2.9
## 386                0.094                      2.5
## 387                0.313                      2.1
## 388                0.000                      0.0
## 389                0.000                      0.0
## 390                0.379                      4.0
## 391                0.318                      3.0
## 392                0.216                      0.7
## 393                0.000                     14.4
## 394                0.252                      6.3
## 395                1.000                      9.1
## 396                0.230                      3.5
## 397                0.104                      1.2
## 398                0.151                      0.1
## 399                0.247                      2.2
## 400                0.254                      0.9
## 401                0.295                     13.3
## 402                0.307                      8.5
## 403                0.036                      2.0
## 404                0.269                      1.7
## 405                0.272                      1.9
## 406                0.260                      1.0
## 407                0.199                      1.0
## 408                0.184                      1.8
## 409                0.293                      1.7
## 410                0.196                      1.6
## 411                0.376                      8.6
## 412                0.333                      0.0
## 413                0.400                     10.0
## 414                0.300                      4.4
## 415                0.288                      1.8
```

```
## 416                0.333                        2.2
## 417                0.063                        2.4
## 418                0.319                        2.3
## 419                0.204                        1.2
## 420                0.305                        6.6
## 421                1.333                       15.7
## 422                0.508                        5.4
## 423                0.125                        1.4
## 424                0.000                        0.0
## 425                0.330                        1.4
## 426                0.303                        2.5
## 427                0.600                        0.0
## 428                0.174                        3.8
## 429                0.129                        2.6
## 430                0.118                       11.3
## 431                0.000                        3.4
## 432                0.500                       11.0
## 433                0.714                        9.7
## 434                0.351                        2.8
## 435                0.275                       14.8
## 436                0.114                        0.5
## 437                0.292                        4.5
## 438                0.225                        6.3
## 439                0.238                        1.7
## 440                0.231                        1.9
## 441                0.137                        2.1
## 442                0.188                        0.0
## 443                0.244                        5.9
## 444                1.000                        4.4
## 445                0.143                        1.3
## 446                0.370                       14.1
## 447                0.167                        2.2
## 448                0.145                        2.0
## 449                0.134                        6.9
## 450                0.120                        2.2
## 451                0.187                        3.7
## 452                0.316                        9.6
## 453                0.114                        1.7
## 454                0.152                        3.5
## 455                0.336                        4.5
## 456                0.363                       12.5
## 457                0.032                        2.0
## 458                0.451                        9.9
## 459                0.219                        2.1
## 460                0.167                        3.6
## 461                0.147                        1.6
## 462                0.000                        0.0
## 463                0.134                        6.1
## 464                0.102                        4.5
## 465                0.463                        3.2
## 466                0.210                        2.1
## 467                0.141                        0.8
## 468                0.281                        1.8
## 469                0.371                        1.4
```

```
## 470                   0.196                            1.9
## 471                   0.281                            6.1
## 472                   0.157                            7.7
## 473                   0.296                            2.4
## 474                   0.000                            2.5
## 475                   0.400                            0.0
## 476                   0.285                            5.4
## 477                   0.161                            1.1
## 478                   0.174                            0.5
## 479                   0.451                           11.3
## 480                   0.240                            3.4
## 481                   0.284                            5.6
## 482                   0.157                            8.2
## 483                   0.282                            2.0
## 484                   0.280                            3.6
## 485                   0.312                           15.8
## 486                   0.496                            8.2
## 487                   0.054                            3.5
## 488                   0.262                            4.5
## 489                   0.200                            0.0
## 490                   0.313                            7.6
## 491                   0.240                            6.1
## 492                   0.182                           19.1
## 493                   0.346                            4.2
## 494                   0.169                           10.7
## 495                   0.577                            2.2
## 496                   0.242                           11.4
## 497                   0.500                           13.4
##      defensive.rebound.percentage total.rebound.percentage assist.percentage
## 1                            19.8                     15.4               6.8
## 2                            18.2                      9.4              13.4
## 3                            18.0                     17.5              10.1
## 4                            23.2                     15.4              27.9
## 5                            14.0                      8.4              11.4
## 6                            13.6                      6.9              14.7
## 7                            14.1                      7.7              14.9
## 8                            12.0                      6.7              11.5
## 9                            25.5                     19.1               9.0
## 10                           28.8                     21.9               8.2
## 11                           23.0                     17.0               9.7
## 12                           20.3                     13.0              16.7
## 13                           21.5                     12.2              19.4
## 14                           29.8                     18.0              27.5
## 15                           54.1                     28.0               0.0
## 16                           12.5                     11.0              12.2
## 17                           12.9                      7.3               7.7
## 18                           14.7                      8.6              21.4
## 19                           14.2                      9.5               6.5
## 20                           21.4                     11.4              20.1
## 21                            4.7                      3.6              20.0
## 22                           20.7                     11.2               9.4
## 23                           28.9                     21.1               8.4
## 24                           18.6                     14.1               0.0
## 25                           11.8                      6.5               6.4
```

```
## 26                      23.4                  16.2                   5.3
## 27                      18.2                  11.9                  33.8
## 28                      13.2                   7.8                  21.5
## 29                      31.6                  22.5                   6.3
## 30                      10.9                   6.4                   9.8
## 31                      16.2                   9.7                  13.2
## 32                      15.0                   9.6                  14.7
## 33                      12.4                   7.1                  14.7
## 34                       7.9                   5.8                   8.6
## 35                      14.6                   9.2                  10.3
## 36                      23.9                  15.9                   7.5
## 37                      16.3                   9.8                  13.6
## 38                      22.7                  12.4                   8.7
## 39                      11.7                   7.7                  25.0
## 40                      13.7                   8.0                  12.7
## 41                      23.9                  16.8                  13.3
## 42                       9.6                   6.4                  16.1
## 43                      11.3                   6.4                   5.4
## 44                      14.5                   9.8                  11.7
## 45                      18.6                  10.1                   7.4
## 46                       8.5                  12.7                   0.0
## 47                      15.9                  14.2                   7.8
## 48                      17.5                  12.9                   3.5
## 49                      17.4                  13.8                   8.0
## 50                      19.4                  12.7                  18.0
## 51                      11.8                   6.8                  17.7
## 52                       0.0                   0.0                  12.7
## 53                      16.0                   8.6                  13.2
## 54                      11.5                   6.8                   9.9
## 55                      15.7                   7.8                   4.0
## 56                      11.9                  11.5                   0.0
## 57                      11.0                   6.3                  13.3
## 58                      14.2                   8.6                   4.9
## 59                      10.8                   5.8                  20.9
## 60                      23.5                  16.0                   7.0
## 61                      21.7                  11.0                   0.0
## 62                       8.1                   4.8                  10.3
## 63                      26.3                  23.4                   7.3
## 64                      13.8                   9.6                   0.0
## 65                      14.7                  15.0                  17.8
## 66                      12.9                   8.9                   9.1
## 67                      18.1                  11.6                  10.2
## 68                      12.3                   7.4                  28.1
## 69                       8.6                   6.1                  13.2
## 70                      17.2                  12.8                   7.1
## 71                      14.9                   9.2                  19.5
## 72                      36.5                  25.2                  16.4
## 73                      15.6                   9.6                  12.0
## 74                      19.6                  11.5                   8.5
## 75                      13.6                   7.2                  22.6
## 76                      17.2                  11.8                   8.7
## 77                      12.3                   6.8                   7.4
## 78                       6.2                   3.5                  13.7
## 79                      16.6                   9.5                  12.5
```

```
## 80                     19.0              13.1              36.8
## 81                     32.7              20.6               4.7
## 82                      0.0               0.0               0.0
## 83                      8.3               5.0               7.0
## 84                      4.9               3.2              17.8
## 85                     22.7              15.1               2.7
## 86                     34.4              25.8               5.4
## 87                     18.1              26.7              24.5
## 88                     12.3               6.9              13.5
## 89                     22.9              16.2              11.8
## 90                     12.7               9.9              17.6
## 91                     11.0               7.2              16.0
## 92                     21.2              14.5               6.2
## 93                      7.6               5.6              31.7
## 94                     38.0              25.2              11.0
## 95                     12.7               8.8               5.8
## 96                     16.5              11.3               9.8
## 97                     12.3               8.3              13.5
## 98                      8.5               5.5               7.1
## 99                     18.2              12.9               8.4
## 100                     9.2               6.6              30.2
## 101                    15.9              10.6               9.0
## 102                    10.6               5.5              14.2
## 103                    34.1              20.0              17.9
## 104                    19.1              10.4               7.5
## 105                    15.9              11.8               8.2
## 106                    18.6              10.3              10.6
## 107                    18.4              12.7               6.4
## 108                     6.2               3.6              13.2
## 109                    14.8               8.2              31.4
## 110                    20.9              14.3              15.5
## 111                    25.4              19.8               9.3
## 112                    11.3               6.5              10.0
## 113                    13.5               7.8              30.8
## 114                    18.2              11.7              16.5
## 115                    21.6              14.9              10.6
## 116                    21.5              11.4              17.4
## 117                    13.5               9.1              13.4
## 118                    24.2              13.4              47.5
## 119                     9.8               6.2               7.3
## 120                     9.4               5.0              16.0
## 121                    10.9               5.6               0.0
## 122                    16.0              10.4               6.6
## 123                    18.6              12.0               9.3
## 124                    10.6               6.5              33.7
## 125                    37.5              25.9              15.8
## 126                    24.6              15.3               5.5
## 127                    20.6              11.5              23.5
## 128                    12.4               7.0              13.1
## 129                     9.4               5.4               5.6
## 130                     9.3               6.7               4.4
## 131                     8.3               4.8               8.0
## 132                    28.9              18.2              16.6
## 133                    12.8               8.9               8.9
```

```
## 134                 23.0           13.8            3.8
## 135                 14.8            8.1           15.5
## 136                 30.3           23.9            0.0
## 137                 21.4           17.9            8.0
## 138                 17.2           17.5           16.5
## 139                  4.4            2.3            9.7
## 140                 32.3           21.2            9.1
## 141                 11.5            9.7           20.5
## 142                 11.9            8.6            5.4
## 143                  8.6            4.7           20.5
## 144                  5.4            3.3            3.4
## 145                  7.8            4.1            9.0
## 146                  8.5            4.6           20.7
## 147                  8.7            5.5           33.0
## 148                 13.7            6.7           25.8
## 149                 10.1            6.0           32.4
## 150                 33.3           22.2           11.4
## 151                 14.2           12.8            6.7
## 152                 14.6            7.9            8.6
## 153                  8.9            5.4            8.6
## 154                  6.3            3.8           27.0
## 155                 18.5           11.8           11.5
## 156                 20.6           12.2           10.1
## 157                 17.8           10.2           25.7
## 158                 13.2           12.0            5.2
## 159                 35.6           22.1           10.2
## 160                 14.4            8.4           33.0
## 161                 26.7           15.3            5.7
## 162                 33.2           23.5            6.3
## 163                  9.1            5.2           21.9
## 164                 20.4           12.9           22.5
## 165                  7.0            4.0           15.3
## 166                  8.1            4.9           24.2
## 167                 14.3            8.1           14.2
## 168                 10.0            7.1            8.0
## 169                 17.9           10.2           36.2
## 170                 24.2           16.6            6.5
## 171                 11.6            9.1            4.0
## 172                 13.3            8.1            7.2
## 173                 14.1           10.1            6.2
## 174                 18.1            9.3           18.8
## 175                 12.6            8.3           21.5
## 176                 15.8            9.7            9.9
## 177                  0.0            0.0            0.0
## 178                  9.6            6.6           24.9
## 179                 16.1            9.2           18.6
## 180                 19.6           12.6            7.2
## 181                 10.7            5.7            8.0
## 182                 18.5           10.7           44.7
## 183                 13.3            7.5           46.8
## 184                 20.9           12.3           43.7
## 185                  7.8            4.6            8.5
## 186                  0.0            0.0            0.0
## 187                 17.7           14.3            6.9
```

```
## 188                      6.6                      4.6                      7.2
## 189                      0.0                     13.8                      0.0
## 190                      9.9                      6.3                      8.3
## 191                     19.9                     12.3                     14.3
## 192                     11.3                      8.8                     20.0
## 193                     25.5                     14.8                     10.0
## 194                     18.1                     18.4                      9.3
## 195                     22.6                     17.1                      5.0
## 196                      5.5                      3.0                     24.2
## 197                     13.9                      8.2                     17.5
## 198                     24.4                     14.4                      4.1
## 199                     25.0                     21.0                      9.5
## 200                     18.1                     10.3                     18.8
## 201                     14.1                      7.6                     11.9
## 202                      5.9                      4.1                     17.9
## 203                     10.8                      6.6                      6.1
## 204                      0.0                      0.0                      0.0
## 205                      6.2                      3.7                     12.6
## 206                     11.2                      7.8                     22.5
## 207                     11.9                      7.3                      7.0
## 208                     19.6                     14.3                      8.8
## 209                      8.9                      4.8                      8.7
## 210                     22.1                     12.7                     21.2
## 211                     13.4                      8.1                     15.1
## 212                     11.7                      6.9                     10.7
## 213                     31.8                     25.3                      5.3
## 214                     11.8                      5.9                     13.8
## 215                      9.8                      6.2                     17.8
## 216                     15.0                      7.9                     16.7
## 217                     14.9                      9.0                     10.9
## 218                     32.4                     17.4                      7.8
## 219                     21.5                     15.5                     10.6
## 220                     15.6                      9.6                     15.4
## 221                     11.6                      6.9                     25.2
## 222                     15.2                      8.5                     21.6
## 223                     11.1                      7.3                     26.6
## 224                     13.3                      7.8                      4.4
## 225                     15.0                      7.2                     30.0
## 226                     15.9                      9.3                     13.3
## 227                     11.1                      6.9                     15.6
## 228                     12.4                      7.3                     21.8
## 229                     11.1                      7.7                      7.9
## 230                     23.6                     13.2                     38.4
## 231                     10.8                      8.0                      6.1
## 232                      7.5                      4.9                      9.6
## 233                     12.8                      7.9                      8.3
## 234                     15.6                      9.2                     12.4
## 235                     18.5                     12.0                     10.9
## 236                     15.2                      9.5                     12.7
## 237                      8.7                      5.3                      9.0
## 238                     25.9                     17.5                     40.6
## 239                     12.5                     11.4                      0.0
## 240                     11.8                      9.3                      3.5
## 241                     17.6                      9.5                     18.3
```

```
## 242                0.0                    7.7              5.8
## 243               10.2                    6.4             30.5
## 244               25.7                   18.1             11.6
## 245                9.3                    5.7             16.4
## 246               15.8                    9.0              5.5
## 247               24.0                   15.6             18.4
## 248               31.0                   23.5              6.7
## 249               12.8                    7.3             11.1
## 250               19.0                   11.5              7.6
## 251               11.8                   14.0              2.8
## 252               10.8                    6.7              6.6
## 253               19.3                   12.7              8.6
## 254               12.7                    7.2              5.5
## 255               22.9                   11.6              5.8
## 256               14.6                    8.8              7.0
## 257               19.9                   10.5             14.9
## 258               13.1                    8.4              4.8
## 259               18.4                   13.4              6.6
## 260               14.9                    9.5              9.1
## 261               14.4                    8.6             24.7
## 262                8.9                    5.2              5.0
## 263               36.2                   24.5             29.2
## 264               15.5                    9.0             10.4
## 265                3.3                    2.4             16.0
## 266               20.7                   12.7             10.7
## 267               16.6                    8.0              5.1
## 268               22.1                   14.3             12.7
## 269               16.0                    9.6             24.7
## 270               25.7                   13.6             10.0
## 271               13.3                    8.7             33.6
## 272                6.5                    3.7             18.7
## 273               12.2                    6.5             36.2
## 274               12.7                    9.8              3.1
## 275               18.3                   14.8             16.0
## 276               13.6                    9.9              2.8
## 277               11.2                   11.3              7.2
## 278               25.0                   14.5             16.0
## 279               15.5                    8.7             28.1
## 280                9.9                    6.8              8.4
## 281               23.2                   13.5              5.6
## 282               15.1                   13.1              7.8
## 283               10.9                    6.0             17.3
## 284               19.3                    9.3              2.3
## 285               17.4                   12.4             10.0
## 286               22.8                   11.6             43.0
## 287               30.7                   25.4              1.6
## 288               19.7                   11.1              4.3
## 289               27.8                   13.9             14.3
## 290               13.4                    9.4             11.3
## 291               16.4                   11.4             13.9
## 292               25.3                   14.1              0.0
## 293               17.1                   14.6              8.6
## 294               12.3                    7.9             21.9
## 295                7.4                    4.9              4.2
```

```
## 296                    5.2                    3.1                   14.9
## 297                    5.3                    3.7                    7.1
## 298                   10.6                    6.2                   15.8
## 299                    7.8                    6.3                   16.0
## 300                   11.1                    6.2                   25.8
## 301                   12.0                    7.7                   36.3
## 302                   16.3                    9.6                    7.3
## 303                   17.1                   10.4                    7.9
## 304                   12.8                    8.6                    7.7
## 305                    6.2                    4.8                    4.0
## 306                   28.6                   19.8                   10.4
## 307                   11.0                    7.9                   14.5
## 308                   14.7                   15.3                    3.5
## 309                   10.6                    6.6                   35.5
## 310                   12.7                    7.5                    9.3
## 311                   20.3                   10.9                   10.7
## 312                   14.1                    7.7                   21.2
## 313                   13.1                    9.6                   21.0
## 314                   18.7                   17.7                   10.6
## 315                   16.0                    9.3                   24.8
## 316                   13.0                    7.0                   12.5
## 317                    6.8                    3.8                   15.6
## 318                   17.0                   12.2                    9.6
## 319                    5.9                    4.3                   18.6
## 320                   10.3                    6.9                   25.3
## 321                    7.8                    5.3                   12.6
## 322                   10.3                    5.9                   12.6
## 323                    7.2                    4.9                   13.6
## 324                    8.7                    5.6                   41.6
## 325                   15.8                   10.8                    6.2
## 326                   13.3                    8.6                    5.0
## 327                   20.2                   12.7                    7.4
## 328                    8.1                    4.6                   17.8
## 329                    8.5                    4.5                    5.5
## 330                   22.9                   12.2                   25.0
## 331                   11.6                    7.0                   19.3
## 332                   17.0                   10.1                    7.3
## 333                   12.1                    6.7                   12.2
## 334                   18.3                    9.3                    9.5
## 335                   18.4                   11.3                   13.7
## 336                   13.8                    8.8                    4.8
## 337                   10.1                    6.2                   12.9
## 338                   14.4                    8.9                    8.1
## 339                    8.1                    6.6                    0.0
## 340                   19.7                   14.7                    3.6
## 341                    8.7                    5.9                    9.7
## 342                    7.4                    5.0                   10.8
## 343                   10.3                    6.3                   13.2
## 344                   27.5                   17.5                   17.5
## 345                   11.3                    8.3                    6.9
## 346                   17.6                    9.7                    0.0
## 347                   17.8                   11.2                    9.1
## 348                   14.7                    8.9                    5.8
## 349                   13.6                   12.6                    4.3
```

```
## 350                  10.7                     8.1                 13.1
## 351                   9.0                     6.8                  7.6
## 352                  21.8                    14.5                  6.0
## 353                   5.2                     4.0                  7.8
## 354                  10.1                     6.7                  5.0
## 355                  16.9                     8.8                 23.2
## 356                  18.1                     9.4                 19.2
## 357                  15.7                     8.3                 26.7
## 358                  19.5                    12.5                 11.8
## 359                  15.9                    11.7                  4.1
## 360                  11.5                     7.0                 14.8
## 361                  23.4                    18.7                 14.5
## 362                  15.6                    10.5                  7.1
## 363                  14.5                    10.0                 11.3
## 364                   0.0                     8.7                 19.5
## 365                  13.4                     8.6                  5.1
## 366                  13.8                     8.0                 38.9
## 367                  11.0                     6.0                 30.0
## 368                   9.5                     7.3                 20.9
## 369                  15.1                    14.0                  0.0
## 370                  24.5                    19.5                 10.7
## 371                   4.9                     2.5                  0.0
## 372                  24.3                    17.8                 19.3
## 373                  19.1                    16.3                 10.5
## 374                  11.8                    12.2                  6.9
## 375                  19.1                    10.6                  9.6
## 376                  11.5                     6.6                 13.4
## 377                  20.8                    12.8                  5.7
## 378                  23.5                    14.9                 12.2
## 379                  25.2                    17.7                  7.2
## 380                  22.8                    15.1                  7.4
## 381                  16.3                    12.1                  7.6
## 382                  10.0                     5.6                  8.0
## 383                  16.2                     9.2                 11.1
## 384                  15.5                     8.8                  4.2
## 385                  16.6                     9.5                 15.2
## 386                  10.4                     6.4                 15.9
## 387                  10.4                     6.3                 22.6
## 388                  27.7                    13.7                  8.3
## 389                  11.4                     5.5                 34.8
## 390                  26.6                    15.5                 25.8
## 391                  11.7                     7.4                  7.1
## 392                   8.5                     4.6                  8.3
## 393                   5.8                    10.0                  7.8
## 394                  18.7                    12.2                 10.1
## 395                  18.9                    13.9                  0.0
## 396                   6.6                     5.0                 12.0
## 397                   9.8                     5.6                 14.1
## 398                  12.0                     6.4                  6.9
## 399                   9.3                     5.7                  7.6
## 400                  15.2                     7.8                 10.8
## 401                  17.1                    15.2                  2.7
## 402                  18.0                    13.3                 11.7
## 403                  13.9                     8.1                 34.6
```

```
## 404                    9.1                    5.3                   31.9
## 405                    7.9                    4.8                   33.2
## 406                   13.0                    7.1                   27.5
## 407                   11.0                    5.8                   12.0
## 408                   11.4                    6.5                   14.6
## 409                   13.4                    7.2                   35.1
## 410                    8.4                    4.8                   28.9
## 411                   26.4                   17.6                   24.3
## 412                    0.0                    0.0                    0.0
## 413                   26.5                   18.4                    0.0
## 414                   19.8                   12.3                   10.1
## 415                   13.0                    7.5                   32.0
## 416                   10.5                    6.5                   19.7
## 417                   13.7                    8.2                    0.7
## 418                    5.8                    4.0                   21.1
## 419                    7.5                    4.5                    9.1
## 420                   17.8                   12.0                   20.1
## 421                   22.1                   19.1                   16.7
## 422                   21.2                   13.6                   35.0
## 423                   13.0                    6.9                   10.2
## 424                    0.0                    0.0                   25.5
## 425                    8.3                    4.8                   26.4
## 426                    7.9                    5.2                   19.8
## 427                    7.4                    3.7                   14.6
## 428                    8.2                    5.9                   22.4
## 429                   15.5                    8.8                   31.1
## 430                   10.8                   11.1                    5.5
## 431                    9.9                    6.7                    9.9
## 432                   11.3                   11.1                    0.0
## 433                    4.7                    7.2                    0.0
## 434                   16.9                    9.6                   10.3
## 435                   19.1                   16.8                    5.5
## 436                    7.3                    4.1                    5.5
## 437                   10.9                    7.7                    7.5
## 438                   13.5                    9.9                    9.8
## 439                   20.9                   11.1                   23.0
## 440                    8.6                    5.2                   15.7
## 441                   10.2                    6.2                    9.4
## 442                   11.8                    5.9                   14.2
## 443                   18.2                   11.9                    8.4
## 444                   13.4                    8.8                   22.7
## 445                   10.9                    5.9                   10.1
## 446                   27.3                   20.5                    5.0
## 447                    4.4                    3.3                    5.0
## 448                    6.0                    4.0                    5.5
## 449                   16.6                   11.7                   10.7
## 450                   18.4                   10.5                    5.9
## 451                   18.8                   11.4                   14.0
## 452                   25.5                   17.1                   16.6
## 453                    6.0                    3.7                    6.8
## 454                   12.9                    8.1                    6.0
## 455                   18.5                   11.6                    4.4
## 456                   31.3                   21.6                   11.6
## 457                   19.4                   10.8                   12.4
```

```
## 458                    24.6            16.8            12.9
## 459                    11.0             6.4            27.9
## 460                    15.8             9.5             8.2
## 461                     6.6             4.2            14.2
## 462                    13.2             7.0            13.8
## 463                    30.6            17.9            19.3
## 464                    12.6             8.4             7.2
## 465                    21.0            11.8             9.9
## 466                    12.9             7.3            22.0
## 467                    10.9             5.7             8.8
## 468                    10.9             6.3            34.7
## 469                    10.1             5.8            21.4
## 470                    11.1             6.6             6.7
## 471                    18.4            12.1            14.9
## 472                    22.1            14.6             4.1
## 473                     7.6             5.0            35.7
## 474                    21.8            11.8             7.6
## 475                     8.9             4.3            15.2
## 476                    24.9            14.9            45.3
## 477                    14.4             7.9            22.8
## 478                     7.3             3.8            24.0
## 479                    30.6            20.9             4.7
## 480                    11.9             7.7            10.1
## 481                    12.1             8.8             6.7
## 482                    14.1            11.2            13.6
## 483                     9.9             6.1            26.1
## 484                    14.6             9.2             5.2
## 485                    23.4            19.5             7.6
## 486                    14.9            11.5            16.2
## 487                    20.9            12.4             4.0
## 488                    19.7            11.8             9.9
## 489                     9.9             4.8            17.9
## 490                    22.5            15.2             5.4
## 491                    28.9            17.4             7.7
## 492                    32.5            25.8             0.0
## 493                    13.9             8.9            25.3
## 494                    14.4            12.6            25.2
## 495                     9.7             6.0            44.5
## 496                    24.3            17.7            15.2
## 497                    24.4            19.1             7.7
##      steal.percentage block.percentage turnover.percentage usage_rate
## 1                 1.4              3.8                16.1       19.7
## 2                 0.0              0.0                 0.0       19.7
## 3                 1.7              2.0                20.1       12.8
## 4                 1.4              3.2                16.2       24.6
## 5                 0.7              2.8                 6.4       22.3
## 6                 0.0              0.0                 0.0       16.8
## 7                 2.8              1.9                12.9       22.4
## 8                 2.0              0.6                11.3       16.5
## 9                 0.9              5.5                14.8       17.1
## 10                1.0              4.9                19.3       15.4
## 11                0.7              5.9                11.8       18.4
## 12                0.0              0.0                51.5       10.3
## 13                1.9              2.5                10.7       20.1
```

```
## 14            1.8            3.5            13.9       33.0
## 15            0.0           21.3            50.0       21.7
## 16            1.6            1.8            34.0       12.4
## 17            1.5            2.9             6.7       23.5
## 18            1.2            1.5            14.8       22.0
## 19            2.8            1.6            13.0       16.4
## 20            1.3            0.0             7.1       11.2
## 21            1.3            0.2            12.5       15.3
## 22            1.6            0.7            11.4       13.0
## 23            0.5            2.8            15.8       18.8
## 24            1.0            6.5            23.7       11.1
## 25            1.5            0.4             6.2       19.1
## 26            0.9            1.6            11.0       23.1
## 27            2.7            1.3            16.5       24.8
## 28            2.0            1.6            13.9       20.2
## 29            0.9            8.0             6.6       22.7
## 30            1.4            0.6            12.4       17.3
## 31            1.1            0.4             9.9       17.3
## 32            1.1            0.6            10.4       23.9
## 33            1.3            1.4            12.4       17.9
## 34            1.8            0.0             0.0       18.5
## 35            2.3            1.1             8.8       11.8
## 36            0.7            1.7            11.8       15.4
## 37            2.3            3.1            16.2       16.4
## 38            0.7            2.0            12.3       19.8
## 39            1.7            1.2            10.1       36.2
## 40            1.2            0.4             8.4       25.2
## 41            0.9            5.2            16.7       14.9
## 42            2.2            2.0            16.9       11.6
## 43            1.3            1.0             5.5       16.6
## 44            2.0            2.8             9.9       13.9
## 45            1.3            0.2             8.6       18.1
## 46            0.0            7.3             0.0       22.8
## 47            1.5            3.0            10.2       12.6
## 48            1.2            9.8             8.5       16.5
## 49            0.5            5.5            14.1       11.8
## 50            0.0            0.8            16.8       19.3
## 51            1.1            0.9            13.2       19.4
## 52            2.6            0.0            25.0       13.5
## 53            0.9            0.4            11.8       18.6
## 54            0.7            0.1            10.1       20.9
## 55            0.8            5.9            22.9       14.6
## 56            3.4            6.3            23.5       12.6
## 57            0.5            0.0             5.3       12.4
## 58            0.8            1.5            15.8        8.0
## 59            1.2            0.8            14.6       30.7
## 60            1.0            9.2             6.1       20.3
## 61            0.0            0.0             0.0       21.2
## 62            1.6            0.5            11.4       16.7
## 63            1.2            4.6             2.6       14.1
## 64            2.2            3.6            11.1       17.5
## 65            0.0            0.0            34.7       18.2
## 66            0.9            2.6             6.2       16.0
## 67            1.3            3.0            17.0       16.4
```

```
## 68          1.7          0.7              9.5          26.2
## 69          2.2          1.2             12.3          27.1
## 70          1.6          1.7             13.5          14.1
## 71          1.7          1.6             11.6          31.4
## 72          1.5         11.3              5.8          24.0
## 73          2.1          1.1              9.4          13.9
## 74          0.5          0.8             15.1          16.0
## 75          0.8          0.0             11.5          19.2
## 76          0.7          2.6              9.8          17.2
## 77          1.3          0.9              8.4          14.2
## 78          2.2          0.4              7.3          19.3
## 79          1.6          1.1             10.0          19.3
## 80          2.9          1.2             10.9          26.4
## 81          0.0          4.8             18.3          25.9
## 82          0.0          0.0              0.0          21.7
## 83          1.5          1.1             11.8          14.1
## 84          3.2          1.1             13.5          15.6
## 85          4.4          4.3             25.2          19.2
## 86          1.3          6.4             10.2          19.9
## 87          0.0         16.8              0.0          27.5
## 88          1.9          2.1              6.3          13.8
## 89          1.2          2.3             15.4          20.1
## 90          1.0          1.5             14.8          18.7
## 91          2.6          0.8             19.6          13.4
## 92          1.0          4.0             10.6          12.8
## 93          1.7          2.2             14.9          21.0
## 94          0.0          6.5             11.3          27.9
## 95          0.8          0.8             12.5           9.4
## 96          2.1          2.5              5.5          19.9
## 97          1.8          0.7             10.7          28.4
## 98          1.3          0.0             15.4          14.9
## 99          0.7          2.7              8.9          21.2
## 100         2.3          0.2             12.6          23.3
## 101         1.7          2.3              5.1          12.2
## 102         0.9          0.0             11.5          22.3
## 103         2.0          3.1             14.2          23.1
## 104         2.5          2.7             12.2          11.6
## 105         2.2          2.6             11.7          10.3
## 106         1.6          0.7              7.7          16.6
## 107         1.5          1.5             14.3          18.2
## 108         1.3          0.8             12.3          16.7
## 109         1.7          0.2             12.4          32.2
## 110         2.0          4.6              9.3          27.9
## 111         1.8          3.1             11.4           8.4
## 112         1.9          1.0             12.5          21.2
## 113         1.1          0.8              9.1          23.2
## 114         2.0          1.3             11.4          23.6
## 115         2.3          3.6             15.7          16.1
## 116         1.5          1.3             21.2          16.0
## 117         2.2          0.7             11.7          16.7
## 118         1.4          1.8             14.5          36.0
## 119         1.5          0.8             11.4          19.4
## 120         1.1          0.6              9.8          17.9
## 121         0.0          0.0              0.0          17.0
```

```
## 122             1.6             0.6             12.5            17.7
## 123             1.3             2.9             11.0            15.5
## 124             1.0             0.5             19.1            26.3
## 125             2.7             3.6             15.6            30.8
## 126             0.0             0.0              0.0             2.0
## 127             1.0             3.3             13.7            31.2
## 128             1.2             1.0              9.4            25.1
## 129             1.5             0.7              3.3            19.5
## 130             1.5             2.9              8.3            16.0
## 131             0.8             0.8              7.4            17.1
## 132             1.9             3.3             13.3            33.6
## 133             2.1             1.2             14.6            13.3
## 134             0.3             9.2             10.2            15.1
## 135             1.7             1.6             20.7            12.5
## 136             0.0            15.1              6.1            14.4
## 137             1.6             5.2             11.3            13.6
## 138             2.5             0.0             28.5            11.8
## 139             0.0             0.0             25.0             7.0
## 140             0.7             1.3             29.6            13.1
## 141             3.7             2.3             12.1            26.7
## 142             1.6             1.3              7.6            11.8
## 143             1.8             0.0              8.9            18.0
## 144             0.6             0.0              8.3            18.7
## 145             7.5             0.0              0.0             9.5
## 146             1.7             1.3             12.1            25.5
## 147             1.8             1.3             13.1            30.6
## 148             1.5             0.0             27.3            14.2
## 149             1.8             0.8             13.8            25.8
## 150             0.0             0.0              0.0            12.8
## 151             1.6             7.8             16.8            13.8
## 152             0.5             0.5             11.7            22.0
## 153             0.8             0.0              8.0            15.9
## 154             1.4             0.4             14.3            23.1
## 155             1.0             5.3             17.8            10.1
## 156             1.5             1.9              9.8            23.0
## 157             1.7             1.2             16.4            28.6
## 158             0.9             2.7              8.1            10.0
## 159             0.9             3.2             18.6            14.2
## 160             1.2             1.7             13.5            27.4
## 161             2.1             2.7             20.3             9.4
## 162             0.7             7.1             12.8            18.0
## 163             1.7             0.0              9.6            18.9
## 164             1.2             2.6             17.6            23.3
## 165             0.9             1.5             11.1            24.9
## 166             1.5             0.0              9.3            19.5
## 167             1.1             3.1              7.7            26.5
## 168             1.8             2.3             14.9            13.7
## 169             2.2             1.9             30.3            12.7
## 170             1.4             1.3             11.9            18.6
## 171             3.0             0.7             12.8            13.3
## 172             1.2             0.8              9.6            13.9
## 173             0.9             0.4             21.2            10.7
## 174             1.1             0.3             11.4            19.4
## 175             2.4             0.0              2.7            19.7
```

```
## 176           1.0           0.3                  7.7         18.4
## 177           0.0           0.0                100.0         10.5
## 178           2.0           1.7                 14.3         16.7
## 179           0.0           0.0                 15.9         21.3
## 180           1.4           1.1                 16.8         14.4
## 181           1.1           0.5                  6.0         22.0
## 182           1.3           1.7                 18.5         26.5
## 183           1.1           1.8                 17.4         28.7
## 184           1.4           1.6                 19.2         25.4
## 185           0.9           2.8                 15.5          5.3
## 186           0.0           0.0                 51.5         34.3
## 187           1.4           2.5                 11.5         19.6
## 188           1.4           0.7                  7.6         13.7
## 189           0.0           0.0                100.0         10.7
## 190           0.8           0.6                  7.2         16.3
## 191           1.1           2.2                 10.8         23.2
## 192           1.8           0.0                 18.8         21.2
## 193           1.4           0.7                  9.7         12.9
## 194           2.2           8.0                 17.3         22.4
## 195           1.4           2.9                 16.4         13.7
## 196           0.7           0.0                 26.2         19.0
## 197           1.5           1.2                 10.2         24.9
## 198           1.0           0.7                  6.9         15.1
## 199           1.3           2.3                  6.2         15.6
## 200           0.6           1.5                 14.1         23.9
## 201           1.2           0.8                 11.6         20.7
## 202           1.5           0.5                  8.4         16.8
## 203           1.6           1.0                 10.8         11.2
## 204           2.6           5.0                 12.6         36.6
## 205           1.2           0.6                  9.0         19.2
## 206           2.8           1.7                 10.2         19.9
## 207           1.8           0.9                  7.3         13.3
## 208           1.1           4.7                 13.9         15.8
## 209           1.7           0.4                 11.9         14.9
## 210           1.6           2.6                  8.6         22.5
## 211           2.5           2.5                 16.0         20.3
## 212           1.3           1.6                  9.5         15.1
## 213           1.2           4.6                 26.8         17.6
## 214           2.1           0.0                 12.1         29.9
## 215           1.9           0.5                 10.4         16.6
## 216           1.8           3.0                 19.3         33.0
## 217           1.4           1.3                  9.4         19.6
## 218           0.7           0.0                 20.9         15.8
## 219           0.5           4.6                 11.7         20.5
## 220           2.4           2.2                 18.9         11.5
## 221           0.7           0.6                 16.2         16.3
## 222           0.9           2.8                 11.0         27.4
## 223           1.4           1.7                  9.9         29.6
## 224           1.5           0.8                  7.4         10.3
## 225           1.3           0.0                 20.0         22.2
## 226           2.0           3.5                 16.5         25.9
## 227           1.0           0.3                 12.7         19.0
## 228           1.6           0.5                 10.7         19.0
## 229           1.0           1.7                  0.0         15.4
```

```
## 230          1.4          1.3          14.8          31.4
## 231          3.5          4.1          14.3          14.6
## 232          1.3          1.7           6.4          15.6
## 233          1.2          1.0           7.8          17.5
## 234          2.3          4.3          15.8          16.4
## 235          1.2          1.5          10.2          20.7
## 236          2.7          2.2          20.9          10.0
## 237          1.2          0.0           7.7          14.1
## 238          2.2          1.7          14.1          29.4
## 239          0.6          5.7          26.4          10.9
## 240          1.5          3.2           8.9          11.9
## 241          1.4          0.0          19.7          22.6
## 242          0.0          0.0          12.3          25.7
## 243          2.7          0.5          10.4          16.7
## 244          0.7          5.2          26.7          12.8
## 245          2.0          0.9          14.8          15.6
## 246          1.4          2.6          16.8          19.1
## 247          0.6          2.8           7.4          19.2
## 248          1.0          2.8          11.5          18.1
## 249          0.8          0.8          12.2          15.3
## 250          0.7          2.8           9.6          10.5
## 251          1.8          4.8          13.6          23.3
## 252          1.1          1.6          11.9          15.9
## 253          3.3          1.7          11.3          11.4
## 254          1.8          0.5          11.0          18.5
## 255          2.2          2.1           6.3          15.7
## 256          3.2          2.4          25.1          16.3
## 257          0.0          0.0           0.0           8.1
## 258          4.1          3.0          28.1          18.6
## 259          0.6          2.2          11.4          19.5
## 260          1.7          1.7           8.7          17.4
## 261          1.5          1.1          14.9          30.7
## 262          2.8          2.5           8.9          16.1
## 263          0.0          0.0           0.0          25.7
## 264          1.4          0.5           7.5          12.1
## 265          2.8          1.3          21.4          14.5
## 266          1.3          6.9          20.4          16.1
## 267          0.6          8.0          38.8          11.6
## 268          1.5          6.4          16.2          17.7
## 269          2.5          1.6           7.8          30.2
## 270          0.0          0.0          20.2          15.2
## 271          1.8          1.5          10.8          31.2
## 272          2.2          0.5           7.7          19.8
## 273          1.5          0.7          11.7          32.2
## 274          0.7          2.6          13.7          15.5
## 275          1.1          1.7          19.3          10.0
## 276          0.8          4.3           7.9          15.4
## 277          0.5          2.4          13.7          15.5
## 278          1.1          0.0          12.9          21.7
## 279          1.6          0.5          16.4          21.9
## 280          1.5          0.7           9.8          16.5
## 281          0.0          0.0           0.0          11.1
## 282          1.3          4.8          11.6          14.6
## 283          2.0          0.2          19.4          17.0
```

```
## 284            0.0            1.6            21.8        10.5
## 285            1.6            1.1            14.3        13.7
## 286            2.6            0.0            11.9        19.7
## 287            0.0            0.0             4.8        25.5
## 288            1.0            1.0            10.5        22.8
## 289            0.0            0.0             0.0        15.3
## 290            2.7            1.9            11.0        17.1
## 291            2.1            0.0            17.5        13.7
## 292            2.2            0.0            18.2        22.2
## 293            1.4            6.2            14.6        21.1
## 294            0.0            0.0            15.6        17.3
## 295            2.6            1.1             2.6        14.9
## 296            0.4            2.2             1.9        17.7
## 297            1.1            1.5             7.6        10.1
## 298            1.5            0.6             7.1        22.8
## 299            1.4            0.0             3.1        20.3
## 300            1.9            0.8             4.4        28.5
## 301            3.5            1.4            23.8        13.2
## 302            0.9            4.8            13.2        14.0
## 303            0.9            0.0            19.2        18.4
## 304            0.5            0.2             9.1        19.6
## 305            0.5            1.0            15.2         9.1
## 306            1.4            7.0            13.9        24.6
## 307            0.0            1.4            16.4        16.4
## 308            1.1            0.0             5.3        18.5
## 309            2.6            0.8            17.0        16.0
## 310            1.9            0.3            14.6        20.2
## 311            2.1            0.8            16.6        11.3
## 312            2.0            4.3            14.1        19.8
## 313            0.9            0.0            21.6        10.6
## 314            2.0            7.1            15.0        24.0
## 315            1.5            0.4            13.6        23.7
## 316            2.1            3.1            16.5        11.8
## 317            1.2            0.1             8.0        20.2
## 318            1.7            2.2            10.8        16.9
## 319            1.4            0.7            11.0        24.3
## 320            1.3            0.9            12.0        31.4
## 321            2.2            2.1            12.5        16.2
## 322            0.6            0.6            11.7        19.6
## 323            2.4            0.4            14.5        17.7
## 324            1.4            0.8            15.6        28.7
## 325            2.3            0.0            12.3        10.9
## 326            1.1            1.0             8.4        21.0
## 327            0.5            1.5            10.6        13.9
## 328            1.3            1.0             6.4        16.5
## 329            0.9            1.7             5.3        13.1
## 330            2.4            0.2            10.1        23.2
## 331            1.6            0.7            11.5        24.5
## 332            0.7            1.2             7.4        20.0
## 333            2.0            1.1            10.1        18.5
## 334            1.4            0.5            10.3        20.3
## 335            2.9            1.4            15.4        12.3
## 336            0.0            1.9            15.2        13.2
## 337            2.5            0.4             8.0        17.0
```

```
## 338        1.4        0.6        12.1    17.7
## 339        0.4        0.9         0.0    13.1
## 340        2.4        9.9        20.8    10.3
## 341        1.2        1.4         6.6    24.5
## 342        3.6        0.0        11.5    18.2
## 343        1.9        0.7        14.8    21.8
## 344        1.9        3.7        16.7    21.1
## 345        2.2        2.8         7.3    15.6
## 346        2.3        2.2        19.5    26.3
## 347        1.2        1.6        15.5     9.7
## 348        0.7        0.0         7.9    12.2
## 349        0.8        1.5         8.5    16.9
## 350        1.9        1.3        12.9    10.5
## 351        1.9        2.5        11.8    12.9
## 352        2.1        5.6        17.1    13.4
## 353        1.7        1.1        14.8    12.1
## 354        0.9        1.2        19.2    11.0
## 355        2.0        1.1        10.4    28.5
## 356        2.4        0.6         9.7    27.0
## 357        1.7        1.5        10.9    29.9
## 358        1.5        2.6        12.8    17.3
## 359        0.8        1.7        17.2     9.4
## 360        1.6        0.4         8.3    20.4
## 361        0.0        6.4        11.2    18.8
## 362        1.7        2.4         9.0    22.1
## 363        0.5        0.6         8.0    23.0
## 364        0.0        0.0        83.3    41.3
## 365        1.1        0.7        15.0    15.9
## 366        1.9        0.7        13.9    23.4
## 367        1.6        1.0        17.0    18.3
## 368        1.1        0.7        13.1    23.2
## 369        0.0        8.8        30.0    15.4
## 370        0.6        2.8        16.7    19.4
## 371        0.0        0.0         0.0    14.7
## 372        1.6        2.2        19.9    15.8
## 373        1.3        5.8        17.3    12.8
## 374        0.0        9.9        17.4    13.5
## 375        1.3        5.6        19.1    16.8
## 376        1.0        1.2        10.3    22.9
## 377        1.9        4.2         8.4    20.2
## 378        1.1        0.7         8.6    20.0
## 379        1.9        1.6         7.4    19.6
## 380        0.6        5.0         6.5    27.9
## 381        2.3        2.1        14.1    12.3
## 382        1.8        0.6         9.6    22.3
## 383        1.6        2.8        12.5    18.1
## 384        1.7        3.0        11.4    19.2
## 385        1.4        2.7        13.2    17.4
## 386        1.3        1.0        16.2    15.7
## 387        1.1        1.8         7.6    27.6
## 388        0.0        5.3        20.0    13.3
## 389        0.0        0.0        20.0    11.2
## 390        1.0        0.5        14.2    27.6
## 391        1.9        1.0        10.4    18.9
```

```
## 392          0.9          0.5               9.9          18.9
## 393          0.9          6.5              18.5          20.7
## 394          1.5          4.7              10.0          22.3
## 395          0.0          0.0              10.4          17.8
## 396          1.3          0.6              10.8          17.6
## 397          1.4          0.0              13.5          16.3
## 398          0.6          0.8              12.4          15.8
## 399          0.4          0.7               8.8          13.9
## 400          1.3          0.8              12.9          16.0
## 401          2.1          5.2              11.1          11.3
## 402          1.6          2.7              12.9          17.4
## 403          2.0          0.4              25.4          14.9
## 404          2.5          1.5              12.4          29.2
## 405          2.6          1.1              12.3          29.7
## 406          2.4          2.9              12.6          27.3
## 407          1.6          1.7              11.2          24.1
## 408          1.8          1.4               9.5          23.2
## 409          2.4          0.0              21.5          16.1
## 410          1.8          1.4              13.2          29.4
## 411          1.3          1.6              15.8          25.6
## 412          0.0          0.0               0.0          26.8
## 413          0.6          3.3               9.3          18.0
## 414          2.7          1.0              13.4          25.9
## 415          1.5          0.8              22.6          14.1
## 416          1.5          0.6              14.5          21.5
## 417          0.7          0.9               9.2          11.9
## 418          1.5          0.4              11.0          27.1
## 419          1.2          0.7              10.6          17.3
## 420          1.6          1.7              10.5          25.4
## 421          0.9          3.9              35.9          18.7
## 422          2.4          2.1              20.9          20.3
## 423          0.7          1.0               9.8          20.6
## 424          0.0          0.0               0.0          17.3
## 425          2.8          1.5              12.2          19.1
## 426          1.8          1.1              11.8          21.7
## 427          5.4          0.0               7.3          21.5
## 428          0.0          1.6              13.9          21.8
## 429          1.8          0.9              13.4          15.0
## 430          0.0          3.5               5.3          16.9
## 431          0.3          0.9              13.0          10.2
## 432          0.0          9.1              38.1          17.7
## 433          0.0          7.5               9.8          19.2
## 434          1.5          1.7               8.3          15.7
## 435          1.4          4.7              14.1          13.2
## 436          0.4          0.0               3.5          16.3
## 437          2.6          0.6              15.6          18.6
## 438          1.5          1.9              12.8          14.4
## 439          1.7          1.0               9.6          30.9
## 440          2.6          0.7              14.9          18.1
## 441          1.8          1.6              11.4          14.0
## 442          4.3          0.0              10.4          15.1
## 443          1.2          3.9              12.7          14.6
## 444          2.0          3.6              28.4          25.0
## 445          1.1          0.0              11.8          17.1
```

```
## 446                  0.7                 1.4                12.4        14.1
## 447                  3.8                 0.0                 7.2        11.6
## 448                  4.2                 4.2                 8.3         8.8
## 449                  2.3                 2.7                11.9        15.1
## 450                  0.8                 3.7                10.3        17.9
## 451                  1.2                 2.8                17.3        11.9
## 452                  1.4                 4.7                13.9        25.4
## 453                  1.2                 0.5                 4.7        19.5
## 454                  1.3                 1.5                18.4         8.0
## 455                  1.7                 9.6                11.3        16.9
## 456                  1.1                 2.6                14.3        23.3
## 457                  1.7                 0.2                 6.4        18.7
## 458                  2.8                 2.9                15.6        13.1
## 459                  2.3                 1.9                10.2        23.7
## 460                  3.1                 1.7                 8.1        14.0
## 461                  1.2                 0.4                12.7        21.6
## 462                  0.0                 0.0                50.0        21.6
## 463                  1.6                 1.5                 7.5        28.5
## 464                  1.3                 0.9                16.3        13.7
## 465                  2.2                 1.8                11.0        15.8
## 466                  1.9                 0.5                12.0        28.4
## 467                  0.9                 1.1                 9.0        18.7
## 468                  1.5                 1.9                15.5        30.7
## 469                  2.3                 0.8                15.1        14.5
## 470                  0.8                 0.0                 6.7        22.0
## 471                  1.5                 4.5                15.9        19.0
## 472                  1.9                 5.0                12.8        12.0
## 473                  2.7                 0.0                29.9        20.7
## 474                  0.0                 4.9                 6.7        15.2
## 475                  2.0                 0.0                50.5        21.2
## 476                  1.2                 1.0                19.7        31.2
## 477                  0.5                 0.3                14.2        21.8
## 478                  2.0                 3.6                 7.0        22.6
## 479                  1.0                 7.7                12.3        22.3
## 480                  1.0                 3.6                10.3        23.3
## 481                  1.2                 2.0                16.7        12.8
## 482                  1.9                 0.9                16.2        13.1
## 483                  1.8                 0.4                11.6        26.1
## 484                  1.2                 2.2                14.1        16.3
## 485                  3.4                 7.0                20.1        14.8
## 486                  1.5                 2.2                10.8        27.8
## 487                  0.5                 2.9                 9.6        18.7
## 488                  1.7                 2.8                17.1        14.3
## 489                  0.0                 2.0                 8.4        11.2
## 490                  0.9                 5.5                12.6        25.7
## 491                  1.4                 4.2                 9.5        26.2
## 492                  0.0                 0.0                 7.8        32.3
## 493                  2.4                 1.7                11.5        15.6
## 494                  2.5                 1.7                17.9        18.9
## 495                  1.1                 0.7                16.2        32.5
## 496                  1.3                 2.5                 9.5        17.3
## 497                  0.9                 3.7                14.8        15.3
##     offensive.win.shares defensive.win.shares win.shares
## 1                    0.3                  0.6        0.9
```

```
## 2          -0.1              0.0          -0.1
## 3           1.2              0.5           1.7
## 4           2.3              1.3           3.6
## 5           0.2              0.5           0.7
## 6          -0.1              0.0          -0.1
## 7          -0.2              0.4           0.2
## 8           0.7              0.4           1.1
## 9           2.3              0.8           3.1
## 10          1.0              0.4           1.4
## 11          1.3              0.4           1.7
## 12          0.0              0.0           0.0
## 13          1.1              0.8           1.9
## 14          2.7              1.5           4.3
## 15         -0.1              0.0          -0.1
## 16          0.1              0.2           0.2
## 17          0.3              0.4           0.7
## 18         -0.6              0.6           0.0
## 19          0.8              0.7           1.5
## 20          0.2              0.1           0.3
## 21          0.6              0.3           0.8
## 22          0.1              0.4           0.5
## 23          1.4              1.3           2.7
## 24          0.0              0.1           0.1
## 25          0.1              0.6           0.7
## 26          0.0              0.2           0.3
## 27          0.8              1.0           1.8
## 28          0.8              0.5           1.2
## 29          0.2              0.2           0.4
## 30          0.5              0.3           0.8
## 31          2.0              0.1           2.0
## 32          0.0              1.2           1.2
## 33          0.4              0.5           0.9
## 34         -0.1              0.0          -0.1
## 35          1.8              1.0           2.7
## 36         -0.1              0.4           0.3
## 37          0.5              0.7           1.2
## 38         -1.1              1.0          -0.1
## 39          2.0              0.5           2.5
## 40          1.2              0.4           1.6
## 41         -0.1              0.1           0.0
## 42          0.4              0.2           0.7
## 43          0.7              0.3           1.0
## 44          0.9              0.6           1.5
## 45          0.6              0.4           1.0
## 46          0.0              0.0           0.0
## 47          1.2              0.7           1.9
## 48          0.2              0.2           0.4
## 49          0.6              0.6           1.2
## 50          0.2              0.0           0.2
## 51          0.7              0.2           0.9
## 52         -0.2              0.0          -0.2
## 53          0.1              0.1           0.2
## 54          1.0              0.9           2.0
## 55         -0.1              0.1          -0.1
```

```
## 56                 0.0              0.0        0.0
## 57                 0.2              0.1        0.3
## 58                 0.0              0.1        0.1
## 59                 0.6              0.8        1.4
## 60                 2.1              1.0        3.1
## 61                 0.0              0.0        0.0
## 62                 0.1              0.2        0.3
## 63                 0.3              0.2        0.5
## 64                 0.0              0.0        0.0
## 65                 0.0              0.0        0.0
## 66                 2.0              1.0        3.1
## 67                 0.3              0.8        1.1
## 68                 1.5              1.0        2.5
## 69                -0.9              0.6       -0.3
## 70                 0.5              0.4        0.9
## 71                 1.7              0.9        2.6
## 72                 0.1              0.1        0.2
## 73                 0.7              0.8        1.5
## 74                -0.2              0.1       -0.1
## 75                 1.3              0.2        1.5
## 76                 0.7              0.2        0.9
## 77                 0.2              0.8        1.0
## 78                 0.6              0.2        0.8
## 79                 0.4              0.7        1.0
## 80                 1.5              0.8        2.3
## 81                -0.1              0.1        0.0
## 82                 0.0              0.0        0.0
## 83                 0.4              0.9        1.3
## 84                 0.4              0.4        0.8
## 85                -0.2              0.1       -0.1
## 86                 1.4              1.3        2.7
## 87                 0.0              0.0        0.0
## 88                 0.0              0.3        0.3
## 89                 0.7              0.5        1.2
## 90                -0.3              0.2       -0.1
## 91                 0.3              0.8        1.0
## 92                 0.9              0.4        1.3
## 93                 0.0              0.1        0.0
## 94                -0.1              0.1        0.0
## 95                -0.2              0.4        0.2
## 96                 0.6              0.6        1.2
## 97                 1.2              1.1        2.3
## 98                 0.1              0.1        0.2
## 99                 2.2              0.8        3.0
## 100                1.9              1.0        2.9
## 101                0.8              0.5        1.3
## 102                0.0              0.1        0.1
## 103               -0.1              1.1        1.0
## 104                0.1              0.8        0.9
## 105                0.2              0.2        0.4
## 106                0.4              0.9        1.3
## 107               -0.1              0.3        0.1
## 108                1.2              0.5        1.7
## 109                3.1              1.2        4.3
```

```
## 110              1.6              1.7       3.3
## 111              0.3              0.3       0.6
## 112              0.0              0.3       0.3
## 113              2.7              0.8       3.5
## 114              0.3              0.9       1.2
## 115              0.7              0.5       1.2
## 116              0.0              0.1       0.1
## 117              0.6              0.8       1.4
## 118              2.5              0.8       3.4
## 119             -0.3              0.7       0.4
## 120              0.0              0.2       0.2
## 121              0.0              0.0       0.0
## 122             -0.4              0.3      -0.1
## 123              0.4              0.3       0.7
## 124              0.0              0.4       0.4
## 125             -0.6              1.3       0.7
## 126              0.0              0.0       0.1
## 127              2.0              0.6       2.6
## 128             -0.8              0.4      -0.4
## 129              0.2              0.1       0.3
## 130              0.1              0.0       0.2
## 131              0.7              0.2       0.9
## 132              2.9              1.3       4.3
## 133              0.5              0.5       1.0
## 134              0.0              0.2       0.2
## 135             -0.1              0.1      -0.1
## 136              0.1              0.1       0.2
## 137              1.4              0.9       2.4
## 138              0.1              0.0       0.2
## 139             -0.1              0.0      -0.1
## 140             -0.1              0.2       0.0
## 141             -0.1              0.0       0.0
## 142              0.7              0.3       1.0
## 143             -0.2              0.1      -0.1
## 144              0.6              0.2       0.8
## 145              0.0              0.0       0.0
## 146              0.7              0.4       1.0
## 147              1.4              0.1       1.5
## 148             -0.1              0.0      -0.1
## 149             -0.2              0.2       0.0
## 150              0.0              0.0       0.0
## 151              0.7              0.5       1.2
## 152              0.4              0.2       0.5
## 153              0.5              0.2       0.7
## 154              0.2              0.2       0.4
## 155              0.4              1.2       1.5
## 156             -0.1              0.8       0.7
## 157              1.8              0.8       2.6
## 158              0.1              0.1       0.3
## 159              0.0              0.3       0.3
## 160              1.7              0.8       2.4
## 161             -0.1              0.1       0.0
## 162              2.2              2.1       4.3
## 163             -0.1              0.2       0.0
```

```
## 164            -0.1              0.6          0.6
## 165             1.0              0.6          1.6
## 166             0.7              0.5          1.2
## 167             1.9              0.9          2.7
## 168             0.1              0.9          1.0
## 169            -0.1              1.1          1.0
## 170             0.7              0.6          1.2
## 171             0.3              0.3          0.6
## 172             1.2              0.4          1.6
## 173            -0.1              0.1          0.0
## 174            -0.1              0.5          0.4
## 175             0.0              0.0          0.0
## 176             0.6              0.3          0.8
## 177             0.0              0.0          0.0
## 178             1.6              0.2          1.7
## 179            -0.2              0.0         -0.2
## 180            -0.1              0.2          0.0
## 181             0.9              0.3          1.2
## 182             3.3              0.9          4.1
## 183             0.8              0.3          1.1
## 184             2.5              0.5          3.0
## 185             0.0              0.1          0.1
## 186            -0.1              0.0          0.0
## 187             2.1              1.3          3.4
## 188             0.4              0.3          0.7
## 189             0.0              0.0          0.0
## 190             2.1              0.3          2.4
## 191             1.9              1.1          3.0
## 192            -0.1              0.1          0.0
## 193             1.1              0.6          1.6
## 194             0.2              0.3          0.5
## 195             0.5              0.2          0.7
## 196            -0.6              0.0         -0.5
## 197             1.7              0.8          2.5
## 198             0.1              0.2          0.2
## 199             0.7              0.2          0.8
## 200            -0.4              0.7          0.3
## 201             0.1              0.1          0.2
## 202             0.8              0.3          1.1
## 203            -0.1              0.4          0.3
## 204            -0.2              0.0         -0.2
## 205            -0.5              0.3         -0.1
## 206             1.9              0.9          2.8
## 207             1.3              0.9          2.2
## 208             1.7              0.4          2.1
## 209            -0.6              0.1         -0.4
## 210             0.4              0.8          1.2
## 211            -0.2              0.8          0.7
## 212             0.0              0.6          0.5
## 213             0.0              0.9          0.9
## 214            -0.3              0.0         -0.3
## 215             0.7              0.6          1.4
## 216            -0.1              0.0          0.0
## 217             1.3              0.5          1.8
```

```
## 218           -0.2              0.1          -0.1
## 219            1.2              0.9           2.1
## 220           -0.2              0.8           0.6
## 221            2.0              0.8           2.7
## 222            2.3              0.5           2.8
## 223            2.6              0.4           3.0
## 224           -0.3              0.1          -0.1
## 225           -0.1              0.0          -0.1
## 226           -0.7              0.7           0.1
## 227            0.2              0.3           0.4
## 228            0.7              0.5           1.2
## 229           -0.1              0.0          -0.1
## 230            2.3              1.9           4.2
## 231           -0.1              0.0          -0.1
## 232            0.2              0.2           0.4
## 233            0.8              0.7           1.5
## 234            0.0              0.5           0.5
## 235            0.7              1.0           1.7
## 236            0.2              0.5           0.6
## 237            0.2              0.0           0.3
## 238            4.9              1.4           6.3
## 239           -0.1              0.1           0.0
## 240            0.7              0.4           1.1
## 241           -0.1              0.2           0.2
## 242            0.1              0.0           0.1
## 243            0.4              0.5           1.0
## 244            1.1              0.7           1.8
## 245            0.3              0.1           0.4
## 246           -0.3              0.1          -0.2
## 247            0.5              0.4           0.9
## 248            2.0              0.7           2.7
## 249            0.6              0.5           1.1
## 250            0.7              0.3           1.0
## 251            0.1              0.1           0.1
## 252           -0.1              0.4           0.3
## 253            0.3              0.4           0.7
## 254           -0.3              0.4           0.1
## 255           -0.1              0.1          -0.1
## 256           -0.2              0.1          -0.1
## 257            0.0              0.0           0.0
## 258           -0.3              0.1          -0.1
## 259            0.3              1.2           1.5
## 260            1.0              0.4           1.5
## 261            2.3              0.9           3.1
## 262            0.2              0.3           0.5
## 263            0.0              0.0           0.0
## 264            0.7              0.7           1.4
## 265            0.0              0.1           0.0
## 266            0.3              0.4           0.6
## 267           -0.1              0.1           0.0
## 268            0.4              0.3           0.7
## 269            3.0              1.1           4.1
## 270            0.0              0.0           0.0
## 271            0.3              0.2           0.6
```

```
## 272                0.1                  0.1           0.2
## 273                4.2                  0.3           4.5
## 274                0.3                  0.0           0.4
## 275                0.7                  0.4           1.1
## 276                1.0                  0.8           1.8
## 277                0.9                  0.2           1.1
## 278                0.0                  0.0           0.0
## 279                1.5                  0.7           2.2
## 280                0.2                  0.3           0.5
## 281                0.3                  0.1           0.4
## 282                0.2                  0.1           0.3
## 283               -0.4                  0.6           0.1
## 284               -0.1                  0.0          -0.1
## 285                0.3                  0.5           0.8
## 286               -0.1                  0.1           0.0
## 287                0.2                  0.1           0.3
## 288                0.6                  0.4           1.0
## 289                0.0                  0.0           0.0
## 290                0.0                  0.4           0.4
## 291                0.2                  0.2           0.3
## 292               -0.2                  0.1          -0.1
## 293               -0.2                  0.1           0.0
## 294                0.0                  0.0           0.0
## 295                0.7                  0.2           0.9
## 296                0.1                  0.1           0.1
## 297                0.4                  0.6           1.0
## 298                0.2                  0.4           0.6
## 299                0.2                  0.0           0.3
## 300                1.9                  0.2           2.1
## 301                0.6                  0.9           1.5
## 302               -0.2                  0.4           0.1
## 303               -0.1                  0.1           0.0
## 304                0.9                  0.4           1.4
## 305                0.1                  0.0           0.1
## 306               -0.2                  0.5           0.3
## 307                0.1                  0.0           0.1
## 308                0.2                  0.1           0.2
## 309                0.1                  0.2           0.3
## 310               -0.3                  0.4           0.1
## 311               -0.1                  0.1           0.0
## 312                0.2                  0.3           0.5
## 313                0.1                  0.0           0.2
## 314                0.1                  0.1           0.1
## 315                2.5                  0.9           3.4
## 316                0.1                  0.2           0.3
## 317                1.0                  0.5           1.5
## 318                1.3                  0.6           2.0
## 319                0.7                  0.4           1.2
## 320                1.6                  1.1           2.7
## 321               -0.1                  0.0           0.0
## 322                0.4                  0.1           0.5
## 323               -0.2                  0.3           0.1
## 324                0.6                  0.3           0.9
## 325                0.0                  0.1           0.1
```

```
## 326          0.8          0.5          1.3
## 327          0.1          0.6          0.7
## 328          1.4          0.4          1.8
## 329          0.4          0.3          0.7
## 330          0.2          1.3          1.5
## 331          1.0          0.7          1.7
## 332          0.6          0.5          1.1
## 333          0.1          0.4          0.5
## 334          0.2          0.2          0.4
## 335          0.4          0.7          1.2
## 336         -0.1          0.1          0.0
## 337          0.4          0.3          0.7
## 338         -0.1          0.5          0.5
## 339          0.2          0.0          0.3
## 340          0.1          1.2          1.3
## 341          0.3          0.1          0.4
## 342          0.0          0.1          0.1
## 343         -0.1          0.6          0.4
## 344          0.1          0.3          0.4
## 345          0.5          0.8          1.3
## 346         -0.1          0.1          0.0
## 347          1.2          1.5          2.7
## 348          0.5          0.4          0.9
## 349          0.2          0.1          0.2
## 350          0.0          0.3          0.3
## 351         -0.2          0.3          0.1
## 352          0.0          0.1          0.2
## 353         -0.5          0.4         -0.1
## 354         -0.2          0.1          0.0
## 355         -0.4          0.9          0.5
## 356          0.1          0.4          0.5
## 357         -0.4          0.5          0.0
## 358          0.1          1.0          1.1
## 359          0.0          0.3          0.3
## 360          0.2          0.4          0.6
## 361          0.1          0.1          0.2
## 362         -0.3          1.2          0.9
## 363          0.5          0.4          0.9
## 364         -0.1          0.0         -0.1
## 365          0.0          0.1          0.1
## 366          2.2          1.1          3.2
## 367          0.3          0.3          0.6
## 368         -0.4          0.9          0.5
## 369         -0.1          0.0          0.0
## 370         -0.1          0.1          0.1
## 371         -0.1          0.0         -0.1
## 372          1.3          0.9          2.1
## 373          0.8          1.0          1.8
## 374          0.0          0.0          0.0
## 375         -1.2          0.4         -0.8
## 376          0.2          0.1          0.3
## 377          0.7          0.7          1.3
## 378          0.6          0.4          1.0
## 379          1.5          0.9          2.4
```

```
## 380            0.9            0.5        1.3
## 381            0.4            0.3        0.7
## 382            1.0            0.5        1.6
## 383            0.1            0.5        0.6
## 384            0.0            0.2        0.2
## 385            0.1            0.3        0.4
## 386            0.5            0.4        0.9
## 387            1.0            0.6        1.6
## 388            0.0            0.0        0.0
## 389            0.0            0.0        0.0
## 390            1.9            1.7        3.6
## 391           -0.2            0.6        0.4
## 392            0.4            0.0        0.4
## 393           -0.1            0.1       -0.1
## 394            0.9            0.6        1.5
## 395            0.1            0.0        0.1
## 396            0.5            0.2        0.6
## 397            0.1            0.5        0.6
## 398            0.2            0.7        0.9
## 399            0.3           -0.1        0.2
## 400           -0.2            0.1       -0.1
## 401            1.5            1.5        3.0
## 402            0.7            0.6        1.3
## 403           -0.2            0.2        0.0
## 404            0.1            0.5        0.5
## 405            0.1            0.3        0.4
## 406            0.0            0.2        0.2
## 407           -0.1            0.8        0.6
## 408            1.6            0.8        2.4
## 409            0.0            0.5        0.5
## 410            0.2            0.3        0.5
## 411            1.9            1.4        3.3
## 412            0.0            0.0        0.0
## 413            0.0            0.1        0.1
## 414            0.1            0.3        0.4
## 415            0.6            0.3        0.9
## 416            0.5            1.4        1.8
## 417           -0.2            0.2        0.0
## 418            1.2            0.3        1.5
## 419            0.2            0.2        0.3
## 420            1.2            0.9        2.1
## 421            0.1            0.1        0.2
## 422            1.5            1.3        2.8
## 423            0.5            0.1        0.6
## 424            0.0            0.0        0.0
## 425            0.6            0.6        1.2
## 426           -0.1            0.1        0.0
## 427           -0.1            0.1        0.0
## 428            0.0            0.0        0.0
## 429           -0.1            0.3        0.1
## 430            0.0            0.0        0.0
## 431            0.1            0.1        0.2
## 432           -0.1            0.0       -0.1
## 433            0.0            0.0        0.0
```

```
## 434            -0.1              0.2          0.1
## 435             0.6              0.6          1.1
## 436             0.5              0.1          0.6
## 437             0.0              0.2          0.2
## 438             1.0              1.0          2.0
## 439             1.4              1.0          2.4
## 440            -0.4              0.4          0.0
## 441             0.3              0.7          0.9
## 442            -0.1              0.1         -0.1
## 443             1.1              0.7          1.9
## 444            -0.1              0.0          0.0
## 445             0.1              0.0          0.1
## 446             0.6              0.7          1.3
## 447             0.0              0.0          0.0
## 448             0.0              0.8          0.8
## 449             0.5              0.5          1.0
## 450             0.1              0.4          0.4
## 451             0.4              0.5          0.9
## 452             0.7              0.4          1.1
## 453             1.3              0.1          1.4
## 454            -0.1              0.9          0.8
## 455             0.9              1.6          2.4
## 456             1.2              0.7          1.8
## 457             0.1              0.5          0.6
## 458             0.7              0.7          1.5
## 459             2.0              1.0          3.0
## 460             0.2              0.7          0.9
## 461            -0.5              0.2         -0.3
## 462            -0.1              0.0         -0.1
## 463             1.7              1.4          3.2
## 464            -0.1              0.1          0.0
## 465             0.3              0.2          0.6
## 466             0.0              0.3          0.3
## 467            -0.3              0.6          0.2
## 468             0.0              0.7          0.7
## 469             0.0              0.6          0.6
## 470             0.1              0.1          0.1
## 471             0.0              0.9          0.9
## 472             0.1              0.3          0.4
## 473            -0.3              0.1         -0.2
## 474             0.2              0.0          0.2
## 475            -0.2              0.0         -0.2
## 476            -1.0              0.5         -0.4
## 477             0.1              0.5          0.6
## 478             0.1              0.2          0.3
## 479             0.5              0.3          0.8
## 480             0.1              1.1          1.2
## 481             0.1              0.4          0.6
## 482             0.6              0.6          1.2
## 483             0.7              0.6          1.3
## 484             0.0              0.7          0.7
## 485             0.8              0.7          1.5
## 486             3.4              0.5          3.9
## 487            -0.1              0.1          0.0
```

```
## 488              0.2               0.3       0.5
## 489              0.1               0.0       0.1
## 490             -0.2               0.7       0.5
## 491              1.0               1.0       2.0
## 492              0.0               0.0       0.0
## 493              1.5               0.9       2.3
## 494              1.1               0.7       1.8
## 495              2.7               0.5       3.1
## 496              0.8               0.5       1.2
## 497              2.0               0.8       2.8
##     win.shares.per.48.minutes Offensive.Box.Plus.Minus Defensive.Box.Plus.Minus
## 1                       0.101                     -2.8                     -0.2
## 2                      -0.265                    -15.6                     -5.2
## 3                       0.109                     -0.1                     -1.0
## 4                       0.196                      2.9                      2.0
## 5                       0.075                      0.3                     -1.0
## 6                      -0.327                    -16.4                     -4.8
## 7                       0.025                     -2.6                      0.1
## 8                       0.113                      0.4                      0.1
## 9                       0.203                      2.3                      0.4
## 10                      0.210                      1.3                      0.6
## 11                      0.197                      3.2                      0.2
## 12                     -0.034                     -3.4                      0.1
## 13                      0.134                      1.9                      1.1
## 14                      0.226                      5.2                      2.0
## 15                     -0.407                    -19.3                      2.0
## 16                      0.079                     -3.3                      0.1
## 17                      0.047                     -1.2                     -1.8
## 18                      0.000                     -3.0                     -1.1
## 19                      0.118                      0.3                      0.9
## 20                      0.119                     -2.5                      0.9
## 21                      0.083                     -0.5                     -1.6
## 22                      0.044                     -2.9                     -0.6
## 23                      0.148                     -0.5                     -0.3
## 24                      0.114                     -5.5                      1.2
## 25                      0.046                     -2.9                     -0.9
## 26                      0.020                     -1.8                     -2.8
## 27                      0.113                      1.8                      1.0
## 28                      0.077                      0.3                     -0.4
## 29                      0.166                      2.0                      0.3
## 30                      0.080                     -0.6                     -0.9
## 31                      0.102                      1.6                     -1.5
## 32                      0.058                     -1.6                     -0.6
## 33                      0.060                     -0.9                     -1.3
## 34                     -0.151                     -8.2                     -4.4
## 35                      0.163                      1.5                      0.5
## 36                      0.031                     -4.3                     -1.4
## 37                      0.133                     -0.8                      2.2
## 38                     -0.003                     -3.1                     -0.9
## 39                      0.141                      6.3                     -1.4
## 40                      0.081                      2.5                     -2.1
## 41                     -0.037                     -5.1                     -1.2
## 42                      0.123                     -1.0                      1.2
## 43                      0.082                      0.2                     -1.5
```

```
## 44                    0.151                     -0.1                      0.9
## 45                    0.092                      0.6                     -0.7
## 46                    0.057                     -1.1                     -3.4
## 47                    0.147                     -0.8                     -0.4
## 48                    0.173                     -2.1                      2.2
## 49                    0.099                     -2.4                     -0.5
## 50                    0.049                     -1.4                     -1.9
## 51                    0.055                     -0.3                     -1.7
## 52                   -0.238                    -12.3                     -3.3
## 53                    0.045                     -0.8                     -1.3
## 54                    0.105                     -0.5                     -1.1
## 55                   -0.041                     -6.1                     -1.0
## 56                    0.061                     -3.4                      0.6
## 57                    0.062                     -2.6                     -1.6
## 58                    0.021                     -4.6                     -1.6
## 59                    0.082                      0.2                     -1.1
## 60                    0.226                      3.5                      0.3
## 61                    0.160                      0.5                     -2.4
## 62                    0.071                     -2.7                     -0.6
## 63                    0.207                      1.9                     -0.6
## 64                    0.097                     -2.3                      0.9
## 65                    0.030                     -2.9                     -1.9
## 66                    0.164                      2.1                      0.5
## 67                    0.070                     -1.8                     -0.3
## 68                    0.115                      3.0                     -1.1
## 69                   -0.022                     -3.5                     -2.1
## 70                    0.091                     -2.1                     -0.8
## 71                    0.146                      4.9                     -0.5
## 72                    0.340                      5.3                      3.8
## 73                    0.127                     -1.0                      1.0
## 74                   -0.034                     -4.1                     -2.3
## 75                    0.121                      1.2                     -1.8
## 76                    0.157                      2.1                     -1.7
## 77                    0.074                     -2.4                      0.7
## 78                    0.080                     -0.4                      0.0
## 79                    0.107                      0.3                      0.2
## 80                    0.213                      3.3                      2.5
## 81                   -0.055                     -8.5                     -2.1
## 82                    0.342                     14.1                      3.9
## 83                    0.101                     -1.6                     -0.1
## 84                    0.104                     -1.8                      0.5
## 85                   -0.158                     -9.6                     -0.7
## 86                    0.179                      2.0                      0.4
## 87                    0.197                      7.5                     -0.1
## 88                    0.056                     -3.5                      2.1
## 89                    0.134                     -1.0                     -0.4
## 90                   -0.014                     -4.9                     -0.8
## 91                    0.122                     -1.5                      2.2
## 92                    0.137                     -1.8                      0.5
## 93                    0.014                     -2.9                     -1.5
## 94                   -0.023                     -2.2                     -1.0
## 95                    0.014                     -4.3                     -1.2
## 96                    0.107                     -0.3                      0.0
## 97                    0.145                      3.4                     -0.4
```

```
## 98            0.065            -1.7            -1.1
## 99            0.162             2.2            -0.4
## 100           0.207             3.7             0.4
## 101           0.133             1.0             0.3
## 102           0.090            -1.9            -1.4
## 103           0.094            -1.5             1.9
## 104           0.054            -2.6             0.9
## 105           0.123            -1.4             1.2
## 106           0.092            -0.3             0.6
## 107           0.021            -4.2            -1.6
## 108           0.125             0.8            -1.2
## 109           0.210             7.5             0.0
## 110           0.212             4.3             2.1
## 111           0.117            -3.8             0.4
## 112           0.041            -2.0            -1.3
## 113           0.199             3.9            -0.1
## 114           0.085            -1.7             0.4
## 115           0.169             1.2             0.8
## 116           0.039            -3.4             2.0
## 117           0.090            -0.3            -0.2
## 118           0.170             6.8             1.0
## 119           0.024            -3.3            -1.2
## 120           0.020            -2.0            -1.2
## 121          -0.001            -6.2            -2.3
## 122          -0.022            -5.6            -2.0
## 123           0.108            -0.3            -0.4
## 124           0.042            -1.0            -2.3
## 125           0.047            -0.5             0.2
## 126           0.178             2.2            -0.5
## 127           0.182             5.4             0.0
## 128          -0.022            -2.5            -2.6
## 129           0.096            -2.8            -1.6
## 130           0.089            -2.4            -0.5
## 131           0.092             1.9            -1.9
## 132           0.273             6.4             1.5
## 133           0.110            -2.3             0.7
## 134           0.079            -3.9             1.1
## 135          -0.023            -4.8             1.7
## 136           0.219            -0.1             1.6
## 137           0.257             0.4             2.2
## 138           0.195             1.8             1.8
## 139          -0.133           -10.3            -3.0
## 140           0.007            -4.7            -0.3
## 141          -0.028            -1.9             0.4
## 142           0.085            -0.3            -0.6
## 143          -0.051            -6.7            -1.5
## 144           0.076             0.0            -2.7
## 145           0.128            -8.5             7.1
## 146           0.116             1.4            -1.0
## 147           0.081             2.8            -1.6
## 148          -0.120           -10.9            -2.6
## 149          -0.002            -2.9            -1.7
## 150          -0.178            -7.1            -5.6
## 151           0.172            -1.4             1.6
```

```
## 152               0.083              -0.4              -2.2
## 153               0.130               0.8              -0.7
## 154               0.028              -0.2              -1.7
## 155               0.127              -2.3               2.5
## 156               0.058              -0.6              -0.7
## 157               0.185               5.7              -0.4
## 158               0.117              -3.1               0.2
## 159               0.061              -4.3              -0.5
## 160               0.156               3.6               0.0
## 161               0.019              -4.2              -0.1
## 162               0.237               1.7               2.0
## 163               0.006              -3.2              -0.1
## 164               0.050               0.5               0.1
## 165               0.115               2.1              -1.0
## 166               0.071              -0.5              -1.4
## 167               0.130               3.2              -0.6
## 168               0.061              -1.1              -0.1
## 169               0.068              -3.3               2.3
## 170               0.116               0.3              -2.0
## 171               0.111              -1.4               1.0
## 172               0.098              -0.4              -1.0
## 173               0.005              -4.6              -0.6
## 174               0.027              -1.5              -1.1
## 175               0.029              -2.1              -0.8
## 176               0.071              -1.0              -2.0
## 177              -0.352             -13.8              -7.9
## 178               0.114               2.9              -0.7
## 179              -0.197             -10.6              -3.7
## 180               0.010              -4.8              -0.9
## 181               0.067               1.1              -2.0
## 182               0.220               6.0              -0.2
## 183               0.190               5.6              -1.0
## 184               0.235               6.2               0.1
## 185               0.052              -3.1               0.6
## 186              -0.467             -15.0              -8.5
## 187               0.227               1.8               0.5
## 188               0.061              -2.1              -1.5
## 189              -0.200             -16.5              -4.8
## 190               0.123               2.1              -1.7
## 191               0.160               2.9              -0.1
## 192              -0.019              -6.4              -1.2
## 193               0.099              -0.8               0.0
## 194               0.140              -3.6              -0.1
## 195               0.130              -2.0               0.0
## 196              -0.176              -9.3              -4.2
## 197               0.132               2.6              -0.8
## 198               0.046              -2.2              -2.3
## 199               0.181               1.8              -2.0
## 200               0.021              -1.2              -1.4
## 201               0.009              -0.7              -2.0
## 202               0.137               0.9              -0.5
## 203               0.029              -2.9               0.1
## 204              -0.441             -12.2              -5.6
## 205              -0.012              -4.1              -1.8
```

```
## 206            0.180              2.7              1.1
## 207            0.114              0.4              0.1
## 208            0.136             -0.6             -0.1
## 209           -0.047             -6.3             -1.7
## 210            0.106              1.8              1.4
## 211            0.076             -3.2              1.7
## 212            0.052             -2.9             -0.2
## 213            0.088             -4.4             -0.7
## 214           -0.310            -14.4             -5.5
## 215            0.075             -0.4              0.1
## 216           -0.059             -3.2             -1.3
## 217            0.151              2.2              0.3
## 218           -0.104             -9.4             -1.5
## 219            0.143              1.1             -0.9
## 220            0.053             -2.5              2.1
## 221            0.198              3.3              0.8
## 222            0.137              4.3             -1.2
## 223            0.203              6.1             -0.8
## 224           -0.028             -6.2             -0.2
## 225           -0.143             -7.0             -2.2
## 226            0.005             -2.2             -0.2
## 227            0.060             -1.2             -0.6
## 228            0.103             -0.9             -0.7
## 229           -0.063             -4.3             -3.6
## 230            0.200              5.8              1.3
## 231           -0.123             -7.7             -1.1
## 232            0.090             -1.4             -0.6
## 233            0.105              1.1             -0.4
## 234            0.052             -2.0              1.9
## 235            0.101             -0.3             -0.7
## 236            0.084             -2.5              2.0
## 237            0.079             -0.7             -1.6
## 238            0.300              9.1              2.3
## 239            0.019             -8.7              0.2
## 240            0.078             -2.3             -0.5
## 241            0.046             -1.9             -0.7
## 242            0.151              2.7             -4.3
## 243            0.083             -0.8              0.3
## 244            0.139             -0.4              1.5
## 245            0.034             -3.1             -0.5
## 246           -0.121            -11.3             -2.1
## 247            0.138              0.8              1.5
## 248            0.184              1.0             -2.3
## 249            0.083             -0.8             -1.5
## 250            0.106             -0.3             -0.6
## 251            0.102             -0.3             -0.6
## 252            0.043             -2.0             -0.4
## 253            0.122             -2.2              1.5
## 254            0.015             -3.2             -1.1
## 255           -0.075             -5.4             -0.4
## 256           -0.079             -8.5              1.9
## 257            0.075             -1.2              0.4
## 258           -0.122            -10.6              2.3
## 259            0.098              0.0             -0.9
```

```
## 260                 0.175                     2.5                      0.6
## 261                 0.156                     4.9                     -0.8
## 262                 0.076                    -2.3                      0.3
## 263                 0.229                     2.9                     -0.3
## 264                 0.120                    -1.1                      0.0
## 265                 0.012                    -6.4                      0.9
## 266                 0.101                    -1.7                      1.7
## 267                -0.029                    -6.8                      1.2
## 268                 0.147                     0.1                      1.9
## 269                 0.247                     5.5                      0.7
## 270                 0.040                    -3.5                     -0.9
## 271                 0.080                     1.3                     -0.7
## 272                 0.049                    -2.6                     -1.2
## 273                 0.225                     7.7                     -1.4
## 274                 0.132                     1.6                     -2.0
## 275                 0.166                    -1.0                      0.8
## 276                 0.112                     0.0                     -0.9
## 277                 0.108                    -0.7                     -2.0
## 278                 0.007                    -1.2                     -0.8
## 279                 0.124                     1.3                     -0.8
## 280                 0.042                    -1.7                     -1.6
## 281                 0.116                    -0.5                     -1.1
## 282                 0.173                     0.3                      1.2
## 283                 0.011                    -4.7                     -0.5
## 284                -0.085                    -9.4                     -2.0
## 285                 0.094                    -2.5                     -0.1
## 286                -0.010                    -5.4                      0.7
## 287                 0.134                     1.0                     -5.2
## 288                 0.117                     1.8                     -1.4
## 289                -0.151                    -7.0                     -3.0
## 290                 0.058                    -1.6                      0.0
## 291                 0.105                    -1.0                      0.2
## 292                -0.153                    -8.6                     -1.9
## 293                -0.027                    -5.9                     -0.6
## 294                 0.000                    -6.1                     -3.1
## 295                 0.136                    -0.1                      0.1
## 296                 0.052                    -1.9                     -1.7
## 297                 0.110                    -1.8                      0.2
## 298                 0.066                    -1.8                     -0.9
## 299                 0.190                     4.3                     -0.5
## 300                 0.230                     7.7                     -0.7
## 301                 0.117                    -0.4                      2.0
## 302                 0.014                    -4.5                     -0.1
## 303                -0.004                    -5.0                     -2.2
## 304                 0.089                     0.5                     -2.2
## 305                 0.059                    -2.5                     -2.2
## 306                 0.049                    -2.7                      0.5
## 307                 0.056                    -0.9                     -1.7
## 308                 0.254                     4.6                     -1.2
## 309                 0.052                    -1.5                     -0.4
## 310                 0.012                    -3.1                     -0.9
## 311                 0.009                    -4.8                      1.0
## 312                 0.094                     0.0                      1.3
## 313                 0.140                     1.1                     -0.8
```

```
## 314                0.089                   -0.7                   -0.5
## 315                0.177                    3.5                   -0.6
## 316                0.117                   -0.9                    2.4
## 317                0.106                    1.6                   -1.5
## 318                0.152                    1.6                   -0.7
## 319                0.103                   -0.7                   -1.3
## 320                0.145                    2.7                   -1.0
## 321               -0.031                   -5.8                   -0.8
## 322                0.080                    0.6                   -2.0
## 323                0.023                   -5.0                    0.7
## 324                0.090                    1.9                   -2.9
## 325                0.092                   -4.1                    1.7
## 326                0.116                    1.0                   -1.8
## 327                0.093                   -2.2                   -0.3
## 328                0.123                    1.1                   -1.4
## 329                0.109                   -0.9                   -0.4
## 330                0.087                   -0.7                    1.0
## 331                0.089                    1.2                   -1.7
## 332                0.105                    0.8                   -1.4
## 333                0.056                   -0.4                   -0.4
## 334                0.112                   -0.2                    1.0
## 335                0.088                   -1.0                    2.0
## 336                0.004                   -4.6                   -1.5
## 337                0.080                   -1.1                   -0.2
## 338                0.059                   -3.3                    0.2
## 339                0.117                    1.0                   -3.1
## 340                0.131                   -3.2                    3.7
## 341                0.076                   -0.2                   -1.8
## 342                0.113                   -1.7                    3.0
## 343                0.037                   -1.5                   -0.3
## 344                0.065                   -2.6                    0.0
## 345                0.114                   -2.0                    1.1
## 346                0.023                   -3.6                   -1.9
## 347                0.135                   -1.1                    1.7
## 348                0.080                   -0.9                   -1.1
## 349                0.099                   -0.6                   -2.5
## 350                0.055                   -2.6                    0.2
## 351                0.015                   -4.7                   -0.3
## 352                0.090                   -4.3                    2.0
## 353               -0.007                   -5.2                   -0.6
## 354               -0.013                   -6.2                   -1.3
## 355                0.037                   -0.2                   -0.5
## 356                0.073                    1.5                   -0.8
## 357                0.005                   -1.7                   -0.2
## 358                0.074                   -0.8                    0.4
## 359                0.079                   -4.1                    0.5
## 360                0.035                   -0.9                   -1.0
## 361                0.213                    0.2                    0.3
## 362                0.051                   -2.5                   -0.3
## 363                0.099                   -0.6                   -1.8
## 364               -1.128                  -40.1                   -7.1
## 365                0.042                   -2.0                   -1.2
## 366                0.183                    2.7                    1.2
## 367                0.111                   -0.7                    0.9
```

```
## 368               0.028          -2.3          -1.1
## 369              -0.074          -9.8           0.1
## 370               0.017          -5.2          -1.6
## 371              -0.223         -13.7          -3.7
## 372               0.142          -0.3           1.2
## 373               0.140          -1.0           0.8
## 374               0.038          -4.0           0.1
## 375              -0.127          -7.5           0.3
## 376               0.108           0.2          -0.8
## 377               0.129           1.7          -0.8
## 378               0.131           1.5          -1.1
## 379               0.189           2.6          -0.5
## 380               0.123           2.0          -1.3
## 381               0.118          -2.6           1.0
## 382               0.103           0.0          -0.8
## 383               0.053          -1.4          -0.4
## 384               0.054          -2.7          -0.2
## 385               0.052          -0.6          -0.5
## 386               0.092          -0.9          -0.5
## 387               0.151           2.6          -0.2
## 388               0.020          -2.0          -1.9
## 389              -0.052         -11.8          -1.6
## 390               0.159           3.3           0.8
## 391               0.028          -3.0          -0.4
## 392               0.045          -1.4          -2.0
## 393              -0.050          -6.1          -2.0
## 394               0.126           0.1           0.1
## 395               0.143          -3.3          -2.4
## 396               0.050          -1.7          -1.6
## 397               0.060          -2.3          -0.7
## 398               0.046          -1.3          -1.5
## 399               0.030          -1.6          -2.8
## 400              -0.022          -5.3          -1.7
## 401               0.185          -0.4           1.2
## 402               0.136          -1.3           0.5
## 403               0.007          -3.2          -0.3
## 404               0.059           0.8          -0.4
## 405               0.056           1.2          -0.8
## 406               0.071          -0.5           0.8
## 407               0.037          -1.4          -1.0
## 408               0.133           3.2          -0.6
## 409               0.038          -3.7          -0.7
## 410               0.040           2.3          -1.8
## 411               0.151           2.7           0.8
## 412              -0.004           2.9          -5.9
## 413               0.073          -3.6          -1.8
## 414               0.105          -1.0           0.4
## 415               0.128          -0.2           0.4
## 416               0.097          -1.8          -0.3
## 417               0.002          -4.6          -1.9
## 418               0.085           1.6          -1.5
## 419               0.031          -2.4          -1.6
## 420               0.113           0.5          -0.8
## 421               0.172          -3.2           1.1
```

```
## 422              0.163              1.6              2.6
## 423              0.065              0.7             -2.3
## 424             -0.344            -13.5             -7.9
## 425              0.106              0.0              0.2
## 426             -0.024             -4.5             -0.8
## 427             -0.014             -8.2              3.9
## 428             -0.028             -2.7             -3.2
## 429              0.018             -2.2             -0.3
## 430              0.001             -2.0             -1.9
## 431              0.052             -1.5             -0.8
## 432             -0.152             -8.9             -1.4
## 433              0.042             -6.3             -1.6
## 434              0.024             -4.1             -0.2
## 435              0.115             -2.7             -0.1
## 436              0.123              2.0             -1.3
## 437              0.053             -3.4              0.3
## 438              0.126             -1.7              0.7
## 439              0.142              4.6              0.0
## 440              0.004             -4.2             -0.3
## 441              0.063             -2.7              0.1
## 442             -0.067             -7.7              2.2
## 443              0.145             -0.2              0.7
## 444             -0.031             -6.9             -0.5
## 445              0.063             -1.1             -1.7
## 446              0.107             -1.5             -1.6
## 447              0.040             -3.8              1.6
## 448              0.087             -3.2              4.2
## 449              0.120             -1.5              0.7
## 450              0.083             -1.5              0.4
## 451              0.124             -1.6              1.0
## 452              0.173              3.4              0.9
## 453              0.084              1.1             -2.3
## 454              0.051             -4.9              0.4
## 455              0.140             -0.7              2.2
## 456              0.169              1.5             -0.4
## 457              0.062             -0.9             -0.8
## 458              0.135             -1.4              1.3
## 459              0.140              2.9             -0.1
## 460              0.100             -1.7              1.9
## 461             -0.044             -5.9             -1.9
## 462             -0.536            -24.1             -9.2
## 463              0.155              5.6              0.0
## 464             -0.010             -4.1             -1.3
## 465              0.138             -1.3              0.9
## 466              0.043              0.7             -0.9
## 467              0.018             -2.9             -1.7
## 468              0.061              1.9             -1.0
## 469              0.059             -4.4              0.8
## 470              0.054             -3.0             -2.5
## 471              0.061             -1.9              0.5
## 472              0.085             -2.0              0.0
## 473             -0.090             -4.9             -2.1
## 474              0.244              7.2              1.6
## 475             -0.310            -18.3             -3.9
```

```
## 476                 -0.034                    -0.1                       -1.7
## 477                  0.034                    -1.6                       -2.3
## 478                  0.087                     0.7                        0.8
## 479                  0.125                    -0.2                        0.3
## 480                  0.064                    -0.7                       -0.8
## 481                  0.058                    -3.5                       -0.3
## 482                  0.116                    -1.5                        0.9
## 483                  0.098                    -0.1                       -1.6
## 484                  0.043                    -3.2                       -0.9
## 485                  0.227                     1.8                        2.3
## 486                  0.215                     4.6                       -0.1
## 487                  0.017                    -3.9                       -2.1
## 488                  0.090                    -0.4                        0.5
## 489                  0.086                    -2.2                       -1.8
## 490                  0.059                    -3.5                       -0.7
## 491                  0.178                     3.5                        0.5
## 492                  0.009                     3.9                       -5.9
## 493                  0.136                     1.4                        1.4
## 494                  0.145                     0.8                        1.3
## 495                  0.168                     5.8                       -1.5
## 496                  0.161                     0.4                        0.6
## 497                  0.230                     0.8                       -0.3
##      Box.Plus.Minus Value.Over.Replacement
## 1              -3.0                   -0.1
## 2             -20.9                   -0.1
## 3              -1.1                    0.2
## 4               4.9                    1.5
## 5              -0.7                    0.2
## 6             -21.2                    0.0
## 7              -2.5                   -0.1
## 8               0.5                    0.3
## 9               2.7                    0.9
## 10              1.9                    0.3
## 11              3.4                    0.6
## 12             -3.3                    0.0
## 13              2.9                    0.8
## 14              7.2                    2.1
## 15            -17.3                    0.0
## 16             -3.2                    0.0
## 17             -3.1                   -0.2
## 18             -4.1                   -0.4
## 19              1.1                    0.5
## 20             -1.6                    0.0
## 21             -2.2                    0.0
## 22             -3.5                   -0.2
## 23             -0.8                    0.2
## 24             -4.3                    0.0
## 25             -3.8                   -0.3
## 26             -4.6                   -0.4
## 27              2.8                    0.9
## 28             -0.2                    0.4
## 29              2.3                    0.1
## 30             -1.5                    0.1
## 31              0.1                    0.5
```

```
## 32          -2.2               0.0
## 33          -2.2               0.0
## 34         -12.5              -0.1
## 35           2.0               0.8
## 36          -5.7              -0.4
## 37           1.5               0.4
## 38          -4.0              -0.4
## 39           4.9               1.5
## 40           0.5               0.6
## 41          -6.3              -0.1
## 42           0.2               0.1
## 43          -1.3               0.1
## 44           0.8               0.3
## 45          -0.1               0.3
## 46          -4.5               0.0
## 47          -1.2               0.1
## 48           0.1               0.1
## 49          -2.9              -0.1
## 50          -3.4              -0.1
## 51          -2.1               0.0
## 52         -15.6              -0.1
## 53          -2.1               0.0
## 54          -1.7               0.1
## 55          -7.2              -0.1
## 56          -2.8               0.0
## 57          -4.2              -0.1
## 58          -6.2              -0.2
## 59          -0.9               0.2
## 60           3.8               1.0
## 61          -1.8               0.0
## 62          -3.2              -0.1
## 63           1.3               0.1
## 64          -1.5               0.0
## 65          -4.8               0.0
## 66           2.5               1.0
## 67          -2.1               0.0
## 68           2.0               1.0
## 69          -5.6              -0.6
## 70          -2.8              -0.1
## 71           4.4               1.4
## 72           9.1               0.1
## 73           0.0               0.3
## 74          -6.3              -0.2
## 75          -0.6               0.2
## 76           0.4               0.2
## 77          -1.7               0.1
## 78          -0.4               0.2
## 79           0.5               0.3
## 80           5.8               1.0
## 81         -10.6              -0.1
## 82          18.0               0.0
## 83          -1.7               0.1
## 84          -1.3               0.1
## 85         -10.3              -0.1
```

```
## 86            2.4             0.8
## 87            7.4             0.0
## 88           -1.3             0.0
## 89           -1.4             0.1
## 90           -5.7            -0.2
## 91            0.7             0.3
## 92           -1.4             0.1
## 93           -4.4            -0.1
## 94           -3.2             0.0
## 95           -5.5            -0.5
## 96           -0.3             0.2
## 97            3.0             1.0
## 98           -2.8             0.0
## 99            1.8             0.8
## 100           4.1             1.0
## 101           1.2             0.4
## 102          -3.3             0.0
## 103           0.4             0.3
## 104          -1.7             0.1
## 105          -0.2             0.1
## 106           0.3             0.4
## 107          -5.8            -0.3
## 108          -0.4             0.3
## 109           7.6             2.4
## 110           6.4             1.6
## 111          -3.4            -0.1
## 112          -3.3            -0.1
## 113           3.8             1.2
## 114          -1.3             0.1
## 115           2.0             0.3
## 116          -1.4             0.0
## 117          -0.4             0.3
## 118           7.8             2.4
## 119          -4.5            -0.5
## 120          -3.2            -0.2
## 121          -8.5             0.0
## 122          -7.5            -0.4
## 123          -0.8             0.1
## 124          -3.3            -0.1
## 125          -0.3             0.3
## 126           1.7             0.0
## 127           5.4             1.2
## 128          -5.1            -0.6
## 129          -4.3            -0.1
## 130          -3.0             0.0
## 131           0.0             0.2
## 132           7.9             1.9
## 133          -1.6             0.0
## 134          -2.8             0.0
## 135          -3.1             0.0
## 136           1.4             0.0
## 137           2.6             0.5
## 138           3.6             0.1
## 139         -13.3            -0.1
```

```
## 140           -5.0                -0.1
## 141           -1.5                 0.0
## 142           -0.9                 0.2
## 143           -8.1                -0.2
## 144           -2.7                -0.1
## 145           -1.3                 0.0
## 146            0.5                 0.3
## 147            1.2                 0.7
## 148          -13.6                -0.1
## 149           -4.6                -0.1
## 150          -12.7                 0.0
## 151            0.2                 0.2
## 152           -2.6                -0.1
## 153            0.0                 0.1
## 154           -2.0                 0.0
## 155            0.2                 0.3
## 156           -1.3                 0.1
## 157            5.4                 1.3
## 158           -2.9                 0.0
## 159           -4.7                -0.2
## 160            3.5                 1.0
## 161           -4.3                 0.0
## 162            3.6                 1.3
## 163           -3.4                -0.1
## 164            0.6                 0.4
## 165            1.1                 0.5
## 166           -1.9                 0.0
## 167            2.6                 1.1
## 168           -1.2                 0.2
## 169           -1.1                 0.2
## 170           -1.7                 0.0
## 171           -0.4                 0.1
## 172           -1.4                 0.1
## 173           -5.2                -0.2
## 174           -2.6                -0.1
## 175           -3.0                 0.0
## 176           -3.0                -0.1
## 177          -21.7                 0.0
## 178            2.3                 0.8
## 179          -14.4                -0.2
## 180           -5.6                -0.2
## 181           -0.9                 0.2
## 182            5.8                 1.8
## 183            4.6                 0.5
## 184            6.4                 1.3
## 185           -2.5                 0.0
## 186          -23.5                 0.0
## 187            2.3                 0.8
## 188           -3.6                -0.2
## 189          -21.2                 0.0
## 190            0.5                 0.6
## 191            2.8                 1.1
## 192           -7.6                -0.1
## 193           -0.8                 0.2
```

```
## 194          -3.7              -0.1
## 195          -2.0               0.0
## 196         -13.6              -0.4
## 197           1.8               0.9
## 198          -4.5              -0.2
## 199          -0.2               0.1
## 200          -2.6              -0.1
## 201          -2.8              -0.2
## 202           0.4               0.2
## 203          -2.8              -0.1
## 204         -17.8              -0.1
## 205          -5.9              -0.6
## 206           3.8               1.1
## 207           0.5               0.6
## 208          -0.7               0.2
## 209          -8.0              -0.7
## 210           3.2               0.7
## 211          -1.6               0.1
## 212          -3.1              -0.1
## 213          -5.1              -0.4
## 214         -20.0              -0.2
## 215          -0.3               0.4
## 216          -4.5               0.0
## 217           2.5               0.7
## 218         -10.9              -0.1
## 219           0.2               0.4
## 220          -0.4               0.2
## 221           4.1               1.0
## 222           3.1               1.2
## 223           5.3               1.3
## 224          -6.4              -0.3
## 225          -9.2              -0.1
## 226          -2.4              -0.1
## 227          -1.8               0.0
## 228          -1.6               0.1
## 229          -7.9              -0.1
## 230           7.2               2.3
## 231          -8.9              -0.1
## 232          -2.0               0.0
## 233           0.7               0.5
## 234          -0.1               0.2
## 235          -1.0               0.2
## 236          -0.5               0.1
## 237          -2.3               0.0
## 238          11.4               3.4
## 239          -8.5              -0.1
## 240          -2.8              -0.1
## 241          -2.6               0.0
## 242          -1.5               0.0
## 243          -0.6               0.2
## 244           1.1               0.5
## 245          -3.5              -0.2
## 246         -13.4              -0.2
## 247           2.3               0.3
```

```
## 248        -1.3             0.1
## 249        -2.2             0.0
## 250        -0.8             0.1
## 251        -1.0             0.0
## 252        -2.4             0.0
## 253        -0.6             0.1
## 254        -4.3            -0.2
## 255        -5.8             0.0
## 256        -6.6            -0.1
## 257        -0.8             0.0
## 258        -8.3            -0.1
## 259        -0.9             0.2
## 260         3.0             0.5
## 261         4.1             1.5
## 262        -2.0             0.0
## 263         2.6             0.0
## 264        -1.1             0.1
## 265        -5.5            -0.1
## 266         0.0             0.2
## 267        -5.6            -0.1
## 268         2.0             0.2
## 269         6.3             1.7
## 270        -4.4             0.0
## 271         0.6             0.2
## 272        -3.8            -0.1
## 273         6.3             2.1
## 274        -0.4             0.1
## 275        -0.2             0.1
## 276        -0.9             0.2
## 277        -2.6            -0.1
## 278        -2.1             0.0
## 279         0.5             0.6
## 280        -3.3            -0.2
## 281        -1.6             0.0
## 282         1.5             0.1
## 283        -5.1            -0.4
## 284       -11.4            -0.1
## 285        -2.6            -0.1
## 286        -4.7             0.0
## 287        -4.3            -0.1
## 288         0.3             0.3
## 289       -10.0             0.0
## 290        -1.6             0.0
## 291        -0.7             0.1
## 292       -10.5            -0.1
## 293        -6.5            -0.1
## 294        -9.2            -0.1
## 295        -0.1             0.2
## 296        -3.6             0.0
## 297        -1.5             0.0
## 298        -2.7            -0.1
## 299         3.8             0.1
## 300         6.9             1.0
## 301         1.7             0.6
```

```
## 302          -4.6                    -0.3
## 303          -7.2                    -0.1
## 304          -1.7                     0.1
## 305          -4.7                    -0.1
## 306          -2.2                     0.0
## 307          -2.5                     0.0
## 308           3.4                     0.1
## 309          -1.9                     0.0
## 310          -4.0                    -0.2
## 311          -3.8                    -0.1
## 312           1.2                     0.2
## 313           0.3                     0.0
## 314          -1.3                     0.0
## 315           3.0                     1.2
## 316           1.5                     0.1
## 317           0.1                     0.4
## 318           0.9                     0.5
## 319          -2.0                     0.0
## 320           1.7                     0.8
## 321          -6.6                     0.0
## 322          -1.4                     0.0
## 323          -4.3                    -0.1
## 324          -1.0                     0.1
## 325          -2.4                     0.0
## 326          -0.8                     0.2
## 327          -2.6                     0.0
## 328          -0.3                     0.3
## 329          -1.4                     0.1
## 330           0.3                     0.5
## 331          -0.6                     0.3
## 332          -0.6                     0.2
## 333          -0.9                     0.1
## 334           0.8                     0.1
## 335           1.0                     0.5
## 336          -6.1                    -0.2
## 337          -1.3                     0.1
## 338          -3.1                    -0.1
## 339          -2.1                     0.0
## 340           0.5                     0.3
## 341          -2.0                     0.0
## 342           1.2                     0.0
## 343          -1.7                     0.0
## 344          -2.6                     0.0
## 345          -0.8                     0.2
## 346          -5.4                    -0.1
## 347           0.6                     0.6
## 348          -2.0                     0.0
## 349          -3.1                     0.0
## 350          -2.4                     0.0
## 351          -5.0                    -0.4
## 352          -2.3                     0.0
## 353          -5.8                    -0.7
## 354          -7.6                    -0.2
## 355          -0.7                     0.2
```

```
## 356            0.6              0.2
## 357           -1.9              0.0
## 358           -0.4              0.3
## 359           -3.6             -0.1
## 360           -1.9              0.0
## 361            0.5              0.0
## 362           -2.8             -0.2
## 363           -2.5             -0.1
## 364          -47.1             -0.1
## 365           -3.1              0.0
## 366            3.9              1.3
## 367            0.2              0.2
## 368           -3.4             -0.3
## 369           -9.7             -0.1
## 370           -6.8             -0.2
## 371          -17.4             -0.1
## 372            0.9              0.5
## 373           -0.2              0.3
## 374           -3.8              0.0
## 375           -7.2             -0.4
## 376           -0.6              0.1
## 377            0.9              0.3
## 378            0.3              0.2
## 379            2.1              0.6
## 380            0.7              0.3
## 381           -1.6              0.0
## 382           -0.8              0.2
## 383           -1.8              0.0
## 384           -2.9              0.0
## 385           -1.1              0.1
## 386           -1.4              0.1
## 387            2.4              0.6
## 388           -3.9              0.0
## 389          -13.3             -0.1
## 390            4.2              1.7
## 391           -3.5             -0.3
## 392           -3.4             -0.2
## 393           -8.1             -0.1
## 394            0.2              0.3
## 395           -5.7              0.0
## 396           -3.2             -0.2
## 397           -3.0             -0.1
## 398           -2.7             -0.2
## 399           -4.4             -0.2
## 400           -7.1             -0.3
## 401            0.8              0.6
## 402           -0.8              0.1
## 403           -3.5             -0.1
## 404            0.4              0.3
## 405            0.4              0.2
## 406            0.4              0.1
## 407           -2.4             -0.1
## 408            2.6              1.0
## 409           -4.4             -0.4
```

```
## 410          0.4              0.4
## 411          3.4              1.4
## 412         -3.0              0.0
## 413         -5.4             -0.1
## 414         -0.5              0.1
## 415          0.1              0.2
## 416         -2.1              0.0
## 417         -6.6             -0.2
## 418          0.1              0.4
## 419         -4.0             -0.3
## 420         -0.2              0.4
## 421         -2.0              0.0
## 422          4.2              1.3
## 423         -1.6              0.0
## 424        -21.4              0.0
## 425          0.3              0.3
## 426         -5.4             -0.1
## 427         -4.3              0.0
## 428         -5.9             -0.1
## 429         -2.5              0.0
## 430         -3.9              0.0
## 431         -2.3              0.0
## 432        -10.4              0.0
## 433         -7.9              0.0
## 434         -4.3             -0.2
## 435         -2.9             -0.1
## 436          0.7              0.2
## 437         -3.1              0.0
## 438         -1.0              0.2
## 439          4.6              1.4
## 440         -4.5             -0.2
## 441         -2.6             -0.1
## 442         -5.5             -0.1
## 443          0.5              0.4
## 444         -7.3              0.0
## 445         -2.8              0.0
## 446         -3.1             -0.2
## 447         -2.2              0.0
## 448          1.0              0.4
## 449         -0.8              0.1
## 450         -1.1              0.1
## 451         -0.6              0.1
## 452          4.3              0.5
## 453         -1.2              0.2
## 454         -4.5             -0.5
## 455          1.4              0.7
## 456          1.0              0.4
## 457         -1.7              0.0
## 458         -0.1              0.3
## 459          2.8              1.2
## 460          0.2              0.3
## 461         -7.8             -0.4
## 462        -33.3             -0.1
## 463          5.5              1.9
```

```
## 464        -5.4                    -0.2
## 465        -0.4                     0.1
## 466        -0.3                     0.2
## 467        -4.6                    -0.4
## 468         0.9                     0.4
## 469        -3.7                    -0.2
## 470        -5.5                    -0.1
## 471        -1.4                     0.1
## 472        -2.0                     0.0
## 473        -7.0                    -0.1
## 474         8.8                     0.1
## 475       -22.2                    -0.1
## 476        -1.8                     0.0
## 477        -3.9                    -0.4
## 478         1.5                     0.2
## 479         0.1                     0.2
## 480        -1.6                     0.1
## 481        -3.8                    -0.2
## 482        -0.7                     0.2
## 483        -1.7                     0.0
## 484        -4.0                    -0.4
## 485         4.1                     0.5
## 486         4.5                     1.5
## 487        -6.0                    -0.1
## 488         0.0                     0.1
## 489        -4.0                     0.0
## 490        -4.1                    -0.2
## 491         4.0                     0.8
## 492        -2.0                     0.0
## 493         2.8                     1.0
## 494         2.1                     0.6
## 495         4.3                     1.4
## 496         1.0                     0.3
## 497         0.5                     0.4
```

```r
# salaries dataset
labels2 <- c('Rank', 'Player', 'Salary', 'Use', 'Guaranteed')
salaries <- read.csv("nba_salaries_21-22.csv", col.names = labels2)
salaries
```

```
##      Rank                 Player   Salary                Use Guaranteed
## 1       1         Stephen Curry 45780966        Bird Rights   261134628
## 2       2             John Wall 44310840        Bird Rights    44310840
## 3       3     Russell Westbrook 44211146        Bird Rights    44211146
## 4       4          James Harden 43848000        Bird Rights    43848000
## 5       5          LeBron James 41180544               Bird    85655532
## 6       6          Kevin Durant 40918900     Sign and Trade   229997220
## 7       7 Giannis Antetokounmpo 39344970               Bird   176265466
## 8       8           Paul George 39344970               Bird   127477703
## 9       9        Damian Lillard 39344900     1st Round Pick   176265152
## 10     10        Kawhi Leonard 39344900         Early Bird   127477476
## 11     11        Klay Thompson 37980720        Bird Rights   121800240
## 12     12          Jimmy Butler 36016200     Sign and Trade   167652137
## 13     13         Tobias Harris 36000000        Bird Rights   115448276
```

```
## 14  14          Khris Middleton 35500000        Bird Rights    73448276
## 15  15          Anthony Davis 35361360                Bird   113942160
## 16  16            Rudy Gobert 35344828                Bird   158344829
## 17  17           Kyrie Irving 34916200           Cap space    34916200
## 18  18           Bradley Beal 34502130           Cap Space    34502130
## 19  19     Kristaps Porziņģis 31650600         Bird Rights    65484000
## 20  20           Devin Booker 31610000     1st round pick   101370000
## 21  21    Karl-Anthony Towns 31610000      1st Round Pick   101370000
## 22  22           Jamal Murray 31590000      1st Round pick   140400000
## 23  23            Ben Simmons 31590000      1st Round pick   140400000
## 24  24            Joel Embiid 31579390      1st Round Pick   206889460
## 25  25         Andrew Wiggins 31579390      1st Round Pick    65196160
## 26  26          Pascal Siakam 31320000      1st Round pick   100920000
## 27  27             Kevin Love 31300000         Bird Rights    60200000
## 28  28            CJ McCollum 30864198      1st Round Pick   100000000
## 29  29             Chris Paul 30800000                Bird    75000000
## 30  30           Nikola Jokić 30510423         Bird Rights    62989260
## 31  31           Jrue Holiday 30133333                Bird    97179999
## 32  32       D'Angelo Russell 30013500      Sign and Trade    61391250
## 33  33         Gordon Hayward 29900000      Sign and Trade    91500000
## 34  34           Blake Griffin 32405817                        29764126
## 35  35         Brandon Ingram 29467800                Bird   130968000
## 36  36            De'Aaron Fox 28103550                Bird   163000590
## 37  37            Bam Adebayo 28103550                Bird   163000590
## 38  38        Donovan Mitchell 28103550                Bird   125903904
## 39  39           Jayson Tatum 28103550                Bird   125903904
## 40  40             Al Horford 27000000           Cap Space    41500000
## 41  41             Kyle Lowry 26984128                Bird    85000002
## 42  42           Kemba Walker   8729020                        53669500
## 43  43          DeMar DeRozan 26000000      Sign and Trade    81900000
## 44  44           Jaylen Brown 24830357      1st Round pick    80008929
## 45  45         Draymond Green 24026712         Bird Rights    49833181
## 46  46         Nikola Vučević 24000000         Bird Rights    46000000
## 47  47           John Collins 23000000                Bird   125000000
## 48  48            Buddy Hield 22477273      1st Round pick    61568182
## 49  49         Malcolm Brogdon 21700000      Sign and Trade    89300000
## 50  50       Tim Hardaway Jr. 21306816                Bird    75000000
## 51  51            Mike Conley 21000000                Bird    58000000
## 52  52            Gary Harris 20482143      1st Round Pick    20482143
## 53  53       Danilo Gallinari 20475000      Sign and Trade    25475000
## 54  54         Harrison Barnes 20284091         Bird Rights    38636364
## 55  55          Jarrett Allen 20000000                Bird   100000000
## 56  56           Jerami Grant 20000000      Sign and Trade    40952381
## 57  57           Julius Randle 19800000           Cap Space    96782400
## 58  58          Fred VanVleet 19675926                Bird    40925926
## 59  59            Zach LaVine 19500000           Cap space    19500000
## 60  60           Goran Dragić 19440000                        19440000
## 61  61       Bojan Bogdanović 18700000           Cap Space    38250000
## 62  62             Lonzo Ball 18604651      Sign and Trade    58604652
## 63  63       Domantas Sabonis 18562500      1st Round pick    59812500
## 64  64            Eric Gordon 18218818           Cap Space    37787178
## 65  65         Evan Fournier 18139535      Sign and Trade    57139535
## 66  66           Eric Bledsoe 18125000         Bird Rights    22025000
## 67  67           Myles Turner 18000000      1st Round pick    36000000
```

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## 68   68        Bogdan Bogdanović 18000000          Cap Space   36000000
## 69   69          Terry Rozier 17905263    Sign and Trade  114163957
## 70   70           Ricky Rubio 17809524          Cap Space   17809524
## 71   71          Caris LeVert 17500000    1st Round pick   36296296
## 72   72        Jonathan Isaac 17400000              Bird   69600000
## 73   73            Joe Harris 17357143              Bird   55928571
## 74   74     Spencer Dinwiddie 17142857    Sign and Trade   45142857
## 75   75          Clint Capela 17103448        Bird Rights   78191625
## 76   76          Steven Adams 17073171    1st Round Pick   35000000
## 77   77        Markelle Fultz 16500000              Bird   35000000
## 78   78          Aaron Gordon 16409091        Bird Rights   80207637
## 79   79            OG Anunoby 16071429              Bird   52071429
## 80   80         Dāvis Bertāns 16000000              Bird   60000000
## 81   81        Gary Trent Jr. 16000000              Bird   33280000
## 82   82       Lauri Markkanen 15690909    Sign and Trade   55426362
## 83   83         Marcus Morris 15627907          Non Bird   49116279
## 84   84       Duncan Robinson 15560000              Bird   79910000
## 85   85          Norman Powell 15517242             Bird   90000000
## 86   86       Dejounte Murray 15428571    1st Round pick   49714286
## 87   87            Will Barton 15384615             Bird   32000000
## 88   88          Derrick White 15178571             Bird   68000000
## 89   89         Taurean Prince 15057692    1st Round pick  15057692
## 90   90          Malik Beasley 14391964             Bird   29849999
## 91   91           Marcus Smart 14339285       Bird Rights   90827281
## 92   92       Patrick Beverley 14320988       Bird Rights   27320988
## 93   93          Thaddeus Young 14190000         Cap space   14190000
## 94   94      Jonas Valančiūnas 14000000       Bird Rights   44135000
## 95   95             Joe Ingles 14000000       Bird Rights   14000000
## 96   96          Doug McDermott 13750000    Sign and Trade  41250000
## 97   97          Christian Wood 13666667    Sign and Trade  27984126
## 98   98            Derrick Rose 13445120        Early Bird   27965850
## 99   99             Brook Lopez 13302325         Cap Space   27209301
## 100  100 Kentavious Caldwell-Pope 13038862     Early Bird   17926980
## 101  101             Kyle Kuzma 13000000             Bird   26000000
## 102  102       Robert Covington 12975471         Cap Space   12975471
## 103  103           Luke Kennard 12727273             Bird   41236364
## 104  104            T.J. Warren 12690000    1st Round Pick   12690000
## 105  105          Deandre Ayton 12632950    1st Round Pick   12632950
## 106  106          Terrence Ross 12500000       Bird Rights   24000000
## 107  107         Jordan Clarkson 12420000            Bird   25760000
## 108  108           Dillon Brooks 12200000             MLE   23600000
## 109  109            Kelly Olynyk 12195122         Cap Space  28000000
## 110  110         Kelly Oubre Jr. 12000000         Cap Space  17000000
## 111  111               Josh Hart 12000000             Bird  12000000
## 112  112            Jusuf Nurkić 12000000       Bird Rights   4000000
## 113  113         Josh Richardson 11600000    Minimum Salary  23984672
## 114  114       Marvin Bagley III 11312114    1st Round Pick  11312114
## 115  115         Devonte' Graham 11000000    Sign and Trade  37500000
## 116  116           Dwight Powell 11000000         Cap Space  22814815
## 117  117        Zion Williamson 10733400    1st Round Pick  10733400
## 118  118         Larry Nance Jr. 10690909    1st Round pick  20363636
## 119  119             Jeremy Lamb 10500000         Cap Space  10500000
## 120  120          Richaun Holmes 10384500        Early Bird  33645780
## 121  121         Reggie Jackson 10384500        Early Bird  21599760
```

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## 122 122        Anthony Edwards 10245480      1st Round Pick   20978880
## 123 123           Luka Dončić 10174391      1st Round Pick  217234391
## 124 124        Cade Cunningham 10050120      1st Round Pick   20602920
## 125 125            Danny Green 10000000         Early Bird   10000000
## 126 126      Tomáš Satoranský 10000000      Sign and Trade    5000000
## 127 127          Kyle Anderson  9937150               MLE    9937150
## 128 128            Serge Ibaka  9742000               MLE    9742000
## 129 129            Jae Crowder  9720900               MLE   19904700
## 130 130         Derrick Favors  9720900               MLE    9720900
## 131 131       Tristan Thompson  9720900                       9720900
## 132 132       Montrezl Harrell  9720900               MLE    9720900
## 133 133       Derrick Jones Jr.  9720900               MLE    9720900
## 134 134             Ja Morant  9603360      1st Round Pick   21722800
## 135 135         Reggie Bullock  9536000               MLE   25000000
## 136 136             Alec Burks  9536000          Cap Space   19548800
## 137 137    Talen Horton-Tucker  9500000         Early Bird   19760000
## 138 138      Jaren Jackson Jr.  9180560      1st Round Pick  114180560
## 139 139          James Wiseman  9166800      1st Round Pick   18770160
## 140 140          Nicolas Batum 12213507                      18086956
## 141 141           Dario Šarić  9000000              Bird   18666667
## 142 142            Jalen Green  8992200      1st Round Pick   18433920
## 143 143           Nerlens Noel  8800000          Cap Space   18040000
## 144 144           Jakob Poeltl  8750000              Bird   18148148
## 145 145            Maxi Kleber  8750000  Early Bird Rights    8750000
## 146 146          Thomas Bryant  8730159  Early Bird Rights    8730159
## 147 147           Kemba Walker  8729020          Cap Space   17894491
## 148 148          Royce O'Neale  8678571          Cap space   27964286
## 149 149             RJ Barrett  8623920      1st Round Pick   19524555
## 150 150            Alex Caruso  8604651               MLE   37000000
## 151 151           Delon Wright  8526316      Sign and Trade    8526316
## 152 152       De'Anthony Melton  8437500         Early Bird   27187500
## 153 153           Daniel Theis  8372093      Sign and Trade   36000000
## 154 154           Monte Morris  8333333              Bird   27000000
## 155 155             Trae Young  8326471      1st Round Pick  180876471
## 156 156         JaMychal Green  8292683          Non Bird   17000000
## 157 157            LaMelo Ball  8231760      1st Round Pick   16855680
## 158 158             Seth Curry  8186047               MLE   16744187
## 159 159          Mason Plumlee  8137500          Cap space   16662500
## 160 160            Evan Mobley  8075160      1st Round Pick   16553880
## 161 161             Cedi Osman  8050000               MLE   15400000
## 162 162          DeAndre Jordan 10517224                      15703440
## 163 163         De'Andre Hunter  7775400      1st Round Pick   17611281
## 164 164               Mo Bamba  7568742      1st Round Pick    7568742
## 165 165             Tyus Jones  7522200               MLE    7522200
## 166 166            Ivica Zubac  7518518       Bird Rights    7518518
## 167 167         T.J. McConnell  7500000         Early Bird   29300000
## 168 168       Patrick Williams  7422000      1st Round Pick   15197400
## 169 169         Scottie Barnes  7280520      1st Round Pick   14925240
## 170 170         Darius Garland  7040880      1st Round Pick   15961675
## 171 171         Chris Boucher  7009615         Early Bird    7009615
## 172 172         D.J. Augustin  7000000                       7333333
## 173 173           P.J. Tucker  7000000               MLE    7000000
## 174 174           Zach Collins  6984127          Cap Space   22000000
## 175 175     Wendell Carter Jr.  6920027      1st Round Pick   50000000
```

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## 176  176            Isaac Okoro  6720720    1st Round Pick  13761600
## 177  177            Jalen Suggs  6593040    1st Round Pick  13515480
## 178  178          Cameron Payne  6500000      Early Bird    14500000
## 179  179            Joakim Noah  6431666                     6431666
## 180  180          Jarrett Culver 6395160    1st Round Pick   6395160
## 181  181             Khem Birch  6350000             MLE    20002750
## 182  182          Collin Sexton  6349671    1st Round Pick   6349671
## 183  183   Juancho Hernangómez   6175440            Bird     6175440
## 184  184          Onyeka Okongwu 6104280    1st Round Pick  12499440
## 185  185          Justin Holiday 6006420         Non Bird   12298860
## 186  186            Josh Giddey   5988000    1st Round Pick  12275400
## 187  187              Rudy Gay    5890000        Mini MLE   12074500
## 188  188         Dennis Schröder 5890000        Mini MLE    5890000
## 189  189            Patty Mills   5890000        Mini MLE    5890000
## 190  190             Kevin Knox   5845978    1st Round Pick   5845978
## 191  191             Coby White   5837760    1st Round Pick   5837760
## 192  192          Timofey Mozgov 5573334                     5573334
## 193  193           Killian Hayes  5572680    1st Round Pick  11410440
## 194  194           Mikal Bridges  5557725    1st Round Pick  95557725
## 195  195 Shai Gilgeous-Alexander 5495532    1st Round Pick 178045532
## 196  196        Jonathan Kuminga  5466360    1st Round Pick  11206320
## 197  197           Miles Bridges  5421493    1st Round Pick   5421493
## 198  198            Jaxson Hayes  5348280    1st Round Pick  12151292
## 199  199         Pat Connaughton  5333333      Early Bird     5333333
## 200  200       Michael Porter Jr. 5258735    1st Round Pick 150538735
## 201  201           Ryan Anderson  5214584                     5214584
## 202  202           Hamidou Diallo 5200000            Bird     5200000
## 203  203            Kevon Looney  5178572      Bird Rights    5178572
## 204  204          Troy Brown Jr.  5170564    1st Round Pick   5170564
## 205  205             Obi Toppin   5105160    1st Round Pick  10453440
## 206  206           Franz Wagner   5007840    1st Round Pick  10266120
## 207  207           Josh Jackson   5005350   Room Exception    5005350
## 208  208            JaVale McGee  5000000             MLE     5000000
## 209  209             Robin Lopez  5000000             MLE     5000000
## 210  210           Kendrick Nunn  5000000        Mini MLE    5000000
## 211  211            Lou Williams  5000000            Bird     5000000
## 212  212              Luol Deng   4990000                     4990000
## 213  213           Rui Hachimura  4916160    1st Round Pick  11179348
## 214  214          Garrett Temple  4910000   Sign and Trade  10065500
## 215  215             Cory Joseph  7310000   Room Exception   7310000
## 216  216              Taj Gibson  4910000   Room Exception   4910000
## 217  217            Torrey Craig  4878049             MLE    10000000
## 218  218             Rajon Rondo  2641691                     4858309
## 219  219             Bruce Brown  4736102                     4736102
## 220  220             Deni Avdija  4692840    1st Round Pick   9609000
## 221  221        Donte DiVincenzo  4675830    1st Round Pick   4675830
## 222  222             Cam Reddish  4670160    1st Round Pick  10624614
## 223  223             David Nwaba  4650000      Early Bird     9672000
## 224  224          Furkan Korkmaz  4629630            Bird    15000000
## 225  225         Davion Mitchell  4603320    1st Round Pick   9436920
## 226  226               Ish Smith  4500000   Room Exception   4500000
## 227  227              Jeff Green  4500000             MLE     4500000
## 228  228             Jalen Smith  4458000    1st Round Pick   4458000
## 229  229          Lonnie Walker IV 4447896    1st Round Pick   4447896
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## 230  230        Cameron Johnson  4437000        1st Round Pick  10324899
## 231  231         Ziaire Williams  4373160        1st Round Pick   8965080
## 232  232        Maurice Harkless  4347600              Non Bird   8912580
## 233  233            Bobby Portis  4347600              Non Bird   4347600
## 234  234        Jarred Vanderbilt  4259259                  Bird  13800000
## 235  235           Kevin Huerter  4253357        1st Round Pick  69253357
## 236  236           Devin Vassell  4235160        1st Round Pick   8672160
## 237  237         P.J. Washington  4215120        1st Round Pick  10023555
## 238  238         James Bouknight  4154400        1st Round Pick   8516640
## 239  239             Josh Okogie  4087904        1st Round Pick   4087904
## 240  240           Grayson Allen  4054695        1st Round Pick  24054695
## 241  241        Tyrese Haliburton  4023600        1st Round Pick   8238720
## 242  242             Tyler Herro  4004280        1st Round Pick   9726396
## 243  243     Dorian Finney-Smith  4000000            Bird Rights  44182480
## 244  244           Terence Davis  4000000            Early Bird   8000000
## 245  245             George Hill  4000000                   MLE   8000000
## 246  246           Gorgui Dieng  4000000                   MLE   4000000
## 247  247           Aaron Holiday  3980551        1st Round Pick   3980551
## 248  248            Joshua Primo  3946800        1st Round Pick   8091120
## 249  249             Jake Layman  3940184         Sign and Trade   3940184
## 250  250         Anfernee Simons  3938818        1st Round Pick   3938818
## 251  251         Justise Winslow  3902439               Mini MLE   8000000
## 252  252            Jevon Carter  3833333            Early Bird   7950617
## 253  253          Kira Lewis Jr.  3822240        1st Round Pick   7826520
## 254  254          Romeo Langford  3804360        1st Round Pick   9438617
## 255  255        Facundo Campazzo  3804150 Bi-Annual Exception   3804150
## 256  256           Landry Shamet  3768342        1st Round Pick  46768342
## 257  257            Chris Duarte  3749520        1st Round Pick   7686480
## 258  258                Alex Len  3731707 Bi-Annual Exception   7650000
## 259  259         Robert Williams  3661976        1st Round Pick  51597976
## 260  260           Aaron Nesmith  3631200        1st Round Pick   7435560
## 261  261         Sekou Doumbouya       NA                        3613680
## 262  262             Moses Moody  3562080        1st Round Pick   7302240
## 263  263        Boban Marjanović  3500000            Early Bird   7000000
## 264  264           Mike Muscala  3500000                   MLE   3500000
## 265  265            Cole Anthony  3449400        1st Round Pick   7063080
## 266  266           Corey Kispert  3383640        1st Round Pick   6936600
## 267  267             Trey Burke  3333333                   MLE   3333333
## 268  268           Georges Niang  3300000                   MLE   6765000
## 269  269             Chuma Okeke  3277080        1st Round Pick   6710400
## 270  270          Isaiah Stewart  3277080        1st Round Pick   6710400
## 271  271 Nickeil Alexander-Walker  3261480        1st Round Pick   8271113
## 272  272          Alperen Şengün  3214680        1st Round Pick   6590160
## 273  273           Nicolas Batum 12213507              Non Bird   3170029
## 274  274               Jon Leuer  3169347                        3169347
## 275  275       Aleksej Pokusevski  3113160        1st Round Pick   6374640
## 276  276             Goga Bitadze  3098400        1st Round Pick   7863739
## 277  277         Trey Murphy III  3053760        1st Round Pick   6260400
## 278  278          Sterling Brown  3000000 Bi-Annual Exception   6000000
## 279  279 Michael Carter-Williams  3000000                        3000000
## 280  280           Frank Jackson  3000000             Cap Space   3000000
## 281  281            Luka Šamanić       NA                        2959080
## 282  282              Josh Green  2957520        1st Round Pick   6055920
## 283  283                Tre Mann  2901240        1st Round Pick   5947440
```

```
## 284 284        Dewayne Dedmon  5256308                            11466668
## 285 285       Andrew Nicholson  2844429                             8533287
## 286 286       Matisse Thybulle  2840160    1st Round Pick           7219687
## 287 287             Saddiq Bey  2824320    1st Round Pick           5783400
## 288 288               Kai Jones  2770560    1st Round Pick           5679720
## 289 289          Brandon Clarke  2726880    1st Round Pick           7070800
## 290 290       Precious Achiuwa  2711280    1st Round Pick           5551440
## 291 291          Jalen Johnson  2659560    1st Round Pick           5452080
## 292 292            Paul Millsap  2641691    Minimum Salary          2641691
## 293 293            E'Twaun Moore  2641691                            2641691
## 294 294         Markieff Morris  2641691    Minimum Salary          2641691
## 295 295           Udonis Haslem  2641691    Minimum Salary          2641691
## 296 296      DeAndre Jordan 10517224    Minimum Salary          2641691
## 297 297           Dwight Howard  2641691    Minimum Salary          2641691
## 298 298        Wayne Ellington  2641691    Minimum Salary          2641691
## 299 299            Trevor Ariza  2641691    Minimum Salary          2641691
## 300 300         Carmelo Anthony  2641691    Minimum Salary          2641691
## 301 301            Enes Freedom  2641691                            2641691
## 302 302           Andre Iguodala  2641691    Minimum Salary          2641691
## 303 303            Rajon Rondo  2641691    Minimum Salary          2641691
## 304 304           James Johnson  2641691    Minimum Salary          2641691
## 305 305     Blake Griffin 32405817    Minimum Salary          2641691
## 306 306      LaMarcus Aldridge  2641691    Minimum Salary          2641691
## 307 307          Avery Bradley  2641691                                 NA
## 308 308                Ed Davis  2641691                                 NA
## 309 309          Grant Williams  2617800    1st Round Pick           6924081
## 310 310            Tyrese Maxey  2602920    1st Round Pick           5329800
## 311 311            Keon Johnson  2553120    1st Round Pick           5234160
## 312 312           Darius Bazley  2513040    1st Round Pick           6777669
## 313 313              Trey Lyles  2500000       Cap Space            2500000
## 314 314              Zeke Nnaji  2498760    1st Round Pick           5116560
## 315 315          Isaiah Jackson  2451120    1st Round Pick           5024880
## 316 316               Ty Jerome  2412840    1st Round Pick           6632897
## 317 317        Hassan Whiteside  2401537    Minimum Salary          2401537
## 318 318           Kent Bazemore  2401537    Minimum Salary          2401537
## 319 319            Austin Rivers  2401537    Minimum Salary          2401537
## 320 320          Andre Drummond  2401537    Minimum Salary          2401537
## 321 321             Cory Joseph  7310000                            7310000
## 322 322             Cody Zeller  2389641                            2389641
## 323 323            Ben McLemore  2389641    Minimum Salary          2389641
## 324 324             Solomon Hill  2389641                            2389641
## 325 325              Tony Snell  2389641    Minimum Salary          2389641
## 326 326          Victor Oladipo  2389641    Minimum Salary          2389641
## 327 327          Dewayne Dedmon  5256308    Minimum Salary          2389641
## 328 328         Otto Porter Jr.  2389641    Minimum Salary          2389641
## 329 329         Leandro Bolmaro  2353320    1st Round Pick           4824480
## 330 330            Usman Garuba  2353320    1st Round Pick           4824480
## 331 331      Willy Hernangómez  2327220         Non Bird            4770801
## 332 332            Nassir Little  2316240    1st Round Pick           6487788
## 333 333            R.J. Hampton  2303040    1st Round Pick           4715880
## 334 334        Josh Christopher  2259240    1st Round Pick           4631400
## 335 335              Monta Ellis  2245400                            2245400
## 336 336           Elfrid Payton  2239544    Minimum Salary          2239544
## 337 337             Rodney Hood  2239544    Minimum Salary          2239544
```

```
## 338 338          Dylan Windler 2239200     1st Round Pick   6276478
## 339 339      Immanuel Quickley 2210640     1st Round Pick   4526880
## 340 340           John Konchar 2197674               MLE    6906977
## 341 341         Quentin Grimes 2168760     1st Round Pick   4445760
## 342 342           Jordan Poole 2161440     1st Round Pick   6062839
## 343 343                Bol Bol 2161152               MLE    2161152
## 344 344         Keldon Johnson 2145720     1st Round Pick   6018745
## 345 345       Payton Pritchard 2137440     1st Round Pick   4376640
## 346 346        Kevin Porter Jr. 2130240    1st Round Pick   5975323
## 347 347           Bones Hyland 2096880     1st Round Pick   4298280
## 348 348              Raul Neto 2089448     Minimum Salary   2089448
## 349 349         Frank Kaminsky 2089448     Minimum Salary   2089448
## 350 350        Nemanja Bjelica 2089448     Minimum Salary   2089448
## 351 351         Udoka Azubuike 2075880     1st Round Pick   4250760
## 352 352         Jaden McDaniels 2063280    1st Round Pick   4224720
## 353 353          Malachi Flynn 2048040     1st Round Pick   4193760
## 354 354             Cam Thomas 2036280     1st Round Pick   4174440
## 355 355           Desmond Bane 2033160     1st Round Pick   4163400
## 356 356          Jaden Springer 2023800    1st Round Pick   4149000
## 357 357          Day'Ron Sharpe 2009040    1st Round Pick   4118400
## 358 358  Jeremiah Robinson-Earl 2000000              MLE    4000000
## 359 359          Killian Tillie 2000000   Room Exception   4000000
## 360 360             Abdel Nader 2000000                    2000000
## 361 361            Théo Maledon 2000000               MLE    2000000
## 362 362        Kenrich Williams 2000000                         NA
## 363 363            Santi Aldama 1994520    1st Round Pick   4088760
## 364 364            Damian Jones 1977011                         NA
## 365 365         Wesley Matthews 1958501                         NA
## 366 366         Rodney McGruder 1939350    Minimum Salary   1939350
## 367 367           DeAndre' Bembry 2541217                   1939350
## 368 368          Gary Payton II 1939350    Minimum Salary    350000
## 369 369  Timothé Luwawu-Cabarrot 1939350                         NA
## 370 370              PJ Dozier 1910860                     1910860
## 371 371             Damion Lee 1910860                          NA
## 372 372           Larry Sanders 1865547                     1865547
## 373 373           Shake Milton 1846738        Cap Space    1846738
## 374 374        Mitchell Robinson 1802057              MLE    1802057
## 375 375           Jalen Brunson 1802057                         NA
## 376 376             Malik Monk 1789256     Minimum Salary   1789256
## 377 377           Semi Ojeleye 1789256     Minimum Salary   1789256
## 378 378          Frank Ntilikina 1789256   Minimum Salary   1789256
## 379 379           Tony Bradley 1789256     Minimum Salary   1789256
## 380 380       Dennis Smith Jr. 1789256                          NA
## 381 381           Didi Louzada 1786878          Non Bird   3663100
## 382 382          Daniel Gafford 1782621    Minimum Salary  43895782
## 383 383           Terance Mann 1782621     Minimum Salary  25713302
## 384 384           Eric Paschall 1782621              MLE    1782621
## 385 385              KZ Okpala 1782621                     1782621
## 386 386          Bruno Fernando 1782621        Cap space   1782621
## 387 387            Cody Martin 1782621               MLE    1782621
## 388 388            Nic Claxton 1782621     Minimum Salary   1782621
## 389 389          Luguentz Dort 1782621     Minimum Salary    625000
## 390 390             Isaiah Roby 1782621                         NA
## 391 391               Naz Reid 1782621                          NA
```

```
## 392 392          Jaylen Nowell  1782621                                   NA
## 393 393          Vlatko Čančar  1782621                                   NA
## 394 394             Dean Wade    1782621                                   NA
## 395 395         Jalen McDaniels  1782621                                   NA
## 396 396            Drew Eubanks  1762796                              1762796
## 397 397           Chimezie Metu  1762796                                   NA
## 398 398           Yuta Watanabe  1762769                                   NA
## 399 399          Svi Mykhailiuk  1729217    Minimum Salary          1729217
## 400 400         Keita Bates-Diop  1729217   Minimum Salary          1729217
## 401 401           Moritz Wagner  1729217    Minimum Salary          1729217
## 402 402  Thanasis Antetokounmpo  1729217    Minimum Salary          1729217
## 403 403            Isaac Bonga   1729217                                   NA
## 404 404       Isaiah Hartenstein  3430810                                   NA
## 405 405    Juan Toscano-Anderson  1701593    Minimum Salary          1701593
## 406 406             Moses Brown   1701593                              1701593
## 407 407          Oshae Brissett   1701593                                   NA
## 408 408       Isaiah Hartenstein  3430810                                   NA
## 409 409            Herbert Jones  1700000             MLE          3485000
## 410 410            Gabriel Deck   1690507       Cap Space          1690507
## 411 411         Jordan McLaughlin  1669178       Early Bird          5453037
## 412 412           Javonte Green   1669178    Minimum Salary          3484855
## 413 413               Max Strus   1669178    Minimum Salary          1669178
## 414 414            Gabe Vincent   1669178    Minimum Salary          1669178
## 415 415            Kevin Pangos   1669178             MLE          1669178
## 416 416             Matt Thomas   1669178    Minimum Salary          1669178
## 417 417            Xavier Sneed   1563518  Two-Way Contract          1563518
## 418 418         Vernon Carey Jr.  1517981       Cap Space          3300602
## 419 419        Xavier Tillman Sr.  1517981             MLE          3300602
## 420 420             Tyrell Terry   1517981                              3300602
## 421 421               Tre Jones   1517981             MLE          1517981
## 422 422         Robert Woodard II  1517981                              1517981
## 423 423          Jahmi'us Ramsey  1517981                              1517981
## 424 424               CJ Elleby   1517981    Minimum Salary          1517981
## 425 425            Elijah Hughes  1517981    Minimum Salary          1517981
## 426 426              Isaiah Joe   1517981             MLE          1517981
## 427 427            Naji Marshall  1517981             MLE          1517981
## 428 428            Jordan Nwora   1517981    Minimum Salary          1517981
## 429 429           Nick Richards   1517981       Cap Space          1517981
## 430 430             Anthony Gill   1517981                                   NA
## 431 431               Paul Reed   1517981                                   NA
## 432 432            Jae'Sean Tate  1517981                                   NA
## 433 433         Kenyon Martin Jr.  1517981                                   NA
## 434 434            Lamar Stevens  1517981                                   NA
## 435 435              Isaiah Todd  1500000             MLE          4899614
## 436 436                Saben Lee  1489065       Cap Space          3241703
## 437 437           Omer Yurtseven  1489065    Minimum Salary          1489065
## 438 438            Armoni Brooks  1489065                              1489065
## 439 439               J.R. Smith  1456666                              1456666
## 440 440          Danuel House Jr.  2045094                              1387498
## 441 441          Bismack Biyombo  1366392    Minimum Salary          1518213
## 442 442              George Hill  4000000                              1275491
## 443 443           DeMarre Carroll  1252127                              1252127
## 444 444                 JT Thor   1250000       Cap Space          2813518
## 445 445         Garrison Mathews  1093598       Cap Space          1093598
```

```
## 446  446        Alfonzo McKinnie  1090007    Minimum Salary    202176
## 447  447          Jabari Parker  1068288                     1168288
## 448  448          Jason Preston  1062303         Mini MLE    2625821
## 449  449          Isaiah Livers  1057260         Cap Space    2620778
## 450  450      Guerschon Yabusele  1039080                     1039080
## 451  451          Aaron Wiggins  1000000         Cap Space    1000000
## 452  452           Kyle Singler   999200                     1998400
## 453  453        Marquese Chriss   958529    Minimum Salary    3486820
## 454  454           Jared Butler   925258    Minimum Salary    2488776
## 455  455         Greg Brown III   925258         Mini MLE    2488776
## 456  456          Miles McBride   925258         Cap Space    2488776
## 457  457      Brandon Boston Jr.   925258         Mini MLE    2488776
## 458  458        Marko Simonovic   925258              MLE    2488776
## 459  459            Vit Krejci   925258              MLE    1707017
## 460  460         Charles Bassey   925258              MLE    1000000
## 461  461         Dalano Banton   925258    Minimum Salary    925258
## 462  462          Jock Landale   925258    Minimum Salary    925258
## 463  463           Ayo Dosunmu   925258    Minimum Salary    925258
## 464  464          Austin Reaves   925258                          NA
## 465  465             Luka Garza   925258                          NA
## 466  466      Lance Stephenson   924730    Minimum Salary    1476806
## 467  467        Stanley Johnson   888616    Minimum Salary    1248865
## 468  468               Miye Oni   850331                      850331
## 469  469          Wayne Selden   785102                      785102
## 470  470         Brad Wanamaker   705598                      705598
## 471  471          Alize Johnson   705598                      705598
## 472  472       Shaun Livingston   666666                      666666
## 473  473            Sam Merrill   663024    Minimum Salary    663024
## 474  474       Danuel House Jr.  2045094    Minimum Salary    991967
## 475  475       DeMarcus Cousins   759106                      607285
## 476  476            Luke Kornet   606702    Minimum Salary    606702
## 477  477         DeAndre' Bembry  2541217    Minimum Salary    601867
## 478  478       Ryan Arcidiacono   586136    Minimum Salary    791798
## 479  479           Keifer Sykes   558345                          NA
## 480  480            Caleb Martin   527614    Minimum Salary    527614
## 481  481    Georgios Kalaitzakis   462629                      462629
## 482  482             Gary Clark   377645                      377645
## 483  483             Sam Dekker   350000                      350000
## 484  484      Admiral Schofield       NA                      300000
## 485  485            Daishen Nix   292466    Minimum Salary    5680678
## 486  486         Ish Wainright       NA                      375000
## 487  487        Bismack Biyombo  1366392                     1518213
## 488  488       DeMarcus Cousins   759106                      455463
## 489  489       DeMarcus Cousins   759106                      455463
## 490  490       DeMarcus Cousins   759106    Minimum Salary    455463
## 491  491      Lance Stephenson   924730                     1476806
## 492  492      Lance Stephenson   924730                     1476806
## 493  493      Lance Stephenson   924730                     1476806
## 494  494      Lance Stephenson   924730                     1476806
## 495  495         Brandon Knight       NA                      138019
## 496  496      Lance Stephenson   924730                      138019
## 497  497          Troy Williams   122741                      245482
## 498  498        Stanley Johnson   888616                     1248865
## 499  499        Stanley Johnson   888616                     1248865
```

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```
## 500  500          Stanley Johnson   888616                              1248865
## 501  501          Stanley Johnson   888616                               120083
## 502  502          Marquese Chriss   958529                              3486820
## 503  503          Marquese Chriss   958529                              3486820
## 504  504          Marquese Chriss   958529                              3486820
## 505  505         Danuel House Jr.  2045094                               991967
## 506  506         Danuel House Jr.  2045094                               991967
## 507  507         Danuel House Jr.  2045094                               991967
## 508  508         Danuel House Jr.  2045094                               111457
## 509  509         Ryan Arcidiacono   586136                               791798
## 510  510         Ryan Arcidiacono   586136                               791798
## 511  511              Luke Kornet   606702                               102831
## 512  512              Luke Kornet   606702                               102831
## 513  513          Alfonzo McKinnie  1090007                              202176
## 514  514          Alfonzo McKinnie  1090007                              202176
## 515  515            Jabari Parker  1068288                              1168288
## 516  516              Theo Pinson       NA                               197076
## 517  517           Brad Wanamaker   705598                                99380
## 518  518            Alize Johnson   705598                                99380
## 519  519           Brandon Goodwin       NA                               99380
## 520  520              Theo Pinson       NA                               197076
## 521  521               Davon Reed       NA                               286164
## 522  522               Davon Reed       NA                               286164
## 523  523                 Kyle Guy       NA                               191860
## 524  524                 Kyle Guy       NA                               191860
## 525  525        Charlie Brown Jr.       NA                                95930
## 526  526                 Miye Oni   850331                                95930
## 527  527    Quinndary Weatherspoon       NA                               95930
## 528  528        Charlie Brown Jr.       NA                                95930
## 529  529               Davon Reed       NA                               286164
## 530  530        Demetrius Jackson    92857                               278571
## 531  531        Haywood Highsmith    85578                               171156
## 532  532        Haywood Highsmith    85578     Minimum Salary            171156
## 533  533         Admiral Schofield       NA                              169706
## 534  534            Emanuel Terry    85578     Minimum Salary             85578
## 535  535             Tyrell Terry  1517981                                85578
## 536  536         Admiral Schofield       NA                              169706
## 537  537             Xavier Sneed  1563518                                53176
## 538  538             Malcolm Hill       NA                                53176
## 539  539             Malcolm Hill       NA                                53176
```

Merge data?

In this section, we'll merge the two

```r
# this is where we merge data
combine <- inner_join(new_bball_stats, data_advanced, by = 'Player') %>%
  inner_join(salaries, by = 'Player')

# cut down all predictors to only 24 predictors
selection <- subset(combine, select= -c(2:4,7,9,10,12:14,20,22,29:33,35:47,49:51,54,56:57))
less_data <- selection %>% relocate(c(PPG,RPG,APG,SPG,BPG,TPG), .before = MPG)
less_data
```

```
##                       Player Games.Played                  PPG                     RPG
## 1          Precious Achiuwa            61                    5                     3.4
## 2             Steven Adams            58                  7.6                     8.9
## 3              Bam Adebayo            64                 18.7                       9
## 4         LaMarcus Aldridge            21                 13.7                     4.5
## 5         LaMarcus Aldridge             5                 12.8                     4.8
## 6   Nickeil Alexander-Walker            46                   11                     3.1
## 7            Grayson Allen            50                 10.6                     3.2
## 8            Jarrett Allen            12                 11.2                    10.4
## 9            Jarrett Allen            12                 11.2                    10.4
## 10           Jarrett Allen            12                 11.2                    10.4
## 11           Jarrett Allen            51                 13.2                     9.9
## 12           Jarrett Allen            51                 13.2                     9.9
## 13           Jarrett Allen            51                 13.2                     9.9
## 14           Kyle Anderson            69                 12.4                     5.7
## 15   Giannis Antetokounmpo            61                 28.1                      11
## 16  Thanasis Antetokounmpo            57                  2.9   2.2000000000000002
## 17         Carmelo Anthony            69                 13.4                     3.1
## 18            Cole Anthony            47                 12.9                     4.7
## 19             OG Anunoby            43                 15.9                     5.5
## 20        Ryan Arcidiacono            44                  3.1                     1.5
## 21        Ryan Arcidiacono            44                  3.1                     1.5
## 22        Ryan Arcidiacono            44                  3.1                     1.5
## 23          D.J. Augustin            37                  6.1                     1.4
## 24          D.J. Augustin            20                 10.6   2.2000000000000002
## 25             Deni Avdija            54                  6.3                     4.8
## 26           Deandre Ayton            69                 14.4                    10.5
## 27          Udoka Azubuike            15   1.1000000000000001                     0.9
## 28        Marvin Bagley III            43                 14.1                     7.4
## 29              LaMelo Ball            51                 15.7                     5.9
## 30               Lonzo Ball            55                 14.6                     4.8
## 31                Mo Bamba            46                    8                     5.8
## 32             Desmond Bane            68   9.1999999999999993                     3.1
## 33           Harrison Barnes            58   16.100000000000001                     6.6
## 34              RJ Barrett            72   17.600000000000001                     5.8
## 35              Will Barton            56                 12.7                       4
## 36          Keita Bates-Diop            30                  2.6                     1.6
## 37            Nicolas Batum            67                  8.1                     4.7
## 38            Nicolas Batum            67                  8.1                     4.7
## 39            Kent Bazemore            67                  7.2                     3.4
## 40             Darius Bazley            55                 13.7                     7.2
## 41              Bradley Beal            60                 31.3                     4.7
## 42             Malik Beasley            37   19.600000000000001   4.4000000000000004
## 43           DeAndre' Bembry            51                  5.7                     2.9
## 44           DeAndre' Bembry            51                  5.7                     2.9
## 45          Patrick Beverley            37                  7.5                     3.2
## 46                Saddiq Bey            70                 12.2   4.5999999999999996
## 47                Khem Birch            48                  5.3   5.0999999999999996
## 48                Khem Birch            19                 11.9                     7.5
## 49              Goga Bitadze            45   5.0999999999999996                     3.3
## 50           Bismack Biyombo            66                    5                     5.3
## 51           Bismack Biyombo            66                    5                     5.3
## 52            Nemanja Bjelica            26                  7.2                     3.8
## 53            Nemanja Bjelica            11                    5                     2.5
```

```
## 54             Eric Bledsoe  71                  12.2                 3.4
## 55                  Bol Bol  32    2.2000000000000002                 0.8
## 56             Isaac Bonga  40                     2                 1.7
## 57            Devin Booker  67                  25.6                 4.2
## 58            Chris Boucher  60                  13.6                 6.7
## 59           Avery Bradley  10                   8.5                 1.8
## 60           Avery Bradley  17                   5.2    2.2999999999999998
## 61            Tony Bradley  20                   5.5                 5.2
## 62            Tony Bradley  22    8.6999999999999993                 6.1
## 63           Miles Bridges  66                  12.7                   6
## 64           Mikal Bridges  72                  13.5                 4.3
## 65         Malcolm Brogdon  56                  21.2                 5.3
## 66           Dillon Brooks  67                  17.2                 2.9
## 67          Troy Brown Jr.  21                   4.3                 2.9
## 68          Troy Brown Jr.  13                   5.5                 3.4
## 69             Bruce Brown  65    8.8000000000000007                 5.4
## 70            Jaylen Brown  58                  24.7                   6
## 71             Moses Brown  43                   8.6                 8.9
## 72          Sterling Brown  51    8.1999999999999993    4.4000000000000004
## 73            Jalen Brunson  68                  12.6                 3.4
## 74            Thomas Bryant  10                  14.3                 6.1
## 75           Reggie Bullock  65                  10.9                 3.4
## 76              Trey Burke  62                   6.6                 0.9
## 77              Alec Burks  49                  12.7    4.5999999999999996
## 78            Jimmy Butler  52                  21.5                 6.9
## 79  Kentavious Caldwell-Pope  67    9.6999999999999993                 2.7
## 80        Facundo Campazzo  65                   6.1                 2.1
## 81            Clint Capela  63                  15.2                14.3
## 82         Vernon Carey Jr.  19                   2.4                 1.4
## 83        Wendell Carter Jr.  32                  10.9                 7.8
## 84        Wendell Carter Jr.  22                  11.7    8.8000000000000007
## 85            Jevon Carter  60    4.0999999999999996                 1.5
## 86  Michael Carter-Williams  31    8.8000000000000007                 4.5
## 87             Alex Caruso  58                   6.4                 2.9
## 88         Marquese Chriss   2                   6.5                 6.5
## 89         Marquese Chriss   2                   6.5                 6.5
## 90         Marquese Chriss   2                   6.5                 6.5
## 91         Marquese Chriss   2                   6.5                 6.5
## 92          Brandon Clarke  59                  10.3                 5.6
## 93              Gary Clark  35                   3.4                 3.2
## 94              Gary Clark   2                     0                 0.5
## 95              Gary Clark   2                     0                   1
## 96          Jordan Clarkson  68    18.399999999999999                   4
## 97            John Collins  63    17.600000000000001                 7.4
## 98             Mike Conley  51                  16.2                 3.5
## 99         Pat Connaughton  69                   6.8                 4.8
## 100        DeMarcus Cousins  25                   9.6                 7.6
## 101        DeMarcus Cousins  25                   9.6                 7.6
## 102        DeMarcus Cousins  25                   9.6                 7.6
## 103        DeMarcus Cousins  25                   9.6                 7.6
## 104        DeMarcus Cousins  16                   7.8                 4.5
## 105        DeMarcus Cousins  16                   7.8                 4.5
## 106        DeMarcus Cousins  16                   7.8                 4.5
## 107        DeMarcus Cousins  16                   7.8                 4.5
```

```
## 108       Robert Covington  70                  8.5                6.7
## 109          Torrey Craig   18                  2.5                2.4
## 110          Torrey Craig   32                  7.2                4.8
## 111           Jae Crowder   60                 10.1                4.7
## 112        Jarrett Culver   34                  5.3                3.1
## 113            Seth Curry   57                 12.5                2.4
## 114         Stephen Curry   63                   32                5.5
## 115         Anthony Davis   36                 21.8                7.9
## 116              Ed Davis   23                  2.1                  5
## 117         Terence Davis   34                  6.9                1.9
## 118         Terence Davis   27                 11.1                3.3
## 119          DeMar DeRozan  61                 21.6                4.2
## 120        Hamidou Diallo   32                 11.9                5.2
## 121        Hamidou Diallo   20                 11.2                5.4
## 122          Gorgui Dieng   22                  7.9                4.5
## 123          Gorgui Dieng   16                  5.3                2.6
## 124      Spencer Dinwiddie    3                  6.7                4.3
## 125       Donte DiVincenzo   66                 10.4                5.8
## 126         Luguentz Dort   52                   14                3.6
## 127        Sekou Doumbouya   56 5.0999999999999996               2.6
## 128             PJ Dozier   50                  7.7                3.6
## 129         Andre Drummond   25                 17.5               13.5
## 130         Andre Drummond   21                 11.9 10.199999999999999
## 131           Kevin Durant   35                 26.9                7.1
## 132        Anthony Edwards   72                 19.3                4.7
## 133             CJ Elleby   30 2.2999999999999998 1.1000000000000001
## 134        Wayne Ellington   46                  9.6                1.8
## 135            Joel Embiid   51                 28.5               10.5
## 136           Drew Eubanks   54                  5.8                4.5
## 137         Derrick Favors   68                  5.4                5.5
## 138         Bruno Fernando   33                  1.5                2.4
## 139    Dorian Finney-Smith   60 9.8000000000000007               5.4
## 140          Malachi Flynn   47                  7.5                2.5
## 141          Evan Fournier   26                 19.7                2.9
## 142          Evan Fournier   16                   13                3.3
## 143           De'Aaron Fox   58                 25.2                3.5
## 144         Markelle Fultz    8                 12.9                3.1
## 145         Daniel Gafford   31                  4.7                3.3
## 146         Daniel Gafford   23                 10.1                5.6
## 147       Danilo Gallinari   51                 13.3                4.2
## 148          Darius Garland  54 17.399999999999999               2.4
## 149              Rudy Gay   63                 11.4                4.8
## 150            Paul George   54                 23.3                6.6
## 151             Taj Gibson   45                  5.4                5.6
## 152  Shai Gilgeous-Alexander 35                 23.7                4.7
## 153           Anthony Gill   26                  3.1                  2
## 154            Rudy Gobert   71                 14.3               13.5
## 155        Brandon Goodwin   47 4.9000000000000004               1.5
## 156           Aaron Gordon   25                 14.6                6.6
## 157           Aaron Gordon   25 10.199999999999999               4.7
## 158            Eric Gordon   27                 17.8                2.1
## 159         Devonte' Graham   55                 14.8                2.7
## 160           Jerami Grant   54                 22.3 4.5999999999999996
## 161            Danny Green   69                  9.5                3.8
```

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## 162         Draymond Green       63                  7                7.1
## 163         JaMychal Green       58                8.1                4.8
## 164          Javonte Green       25                4.2                2.1
## 165          Javonte Green       16                2.6                1.2
## 166             Jeff Green       68                 11                3.9
## 167             Josh Green       39                2.6                  2
## 168          Blake Griffin       20               12.3                5.2
## 169          Blake Griffin       20               12.3                5.2
## 170          Blake Griffin       26                 10                4.7
## 171          Blake Griffin       26                 10                4.7
## 172               Kyle Guy       31                2.8 1.1000000000000001
## 173               Kyle Guy       31                2.8 1.1000000000000001
## 174          Rui Hachimura       57               13.8                5.5
## 175       Tyrese Haliburton       58                 13                  3
## 176           R.J. Hampton       25                2.6                  2
## 177           R.J. Hampton       26               11.2                  5
## 178        Tim Hardaway Jr.       70 16.600000000000001                3.3
## 179            James Harden        8               24.8 5.0999999999999996
## 180            James Harden        8               24.8 5.0999999999999996
## 181            James Harden        8               24.8 5.0999999999999996
## 182            James Harden       36               24.6                8.6
## 183            James Harden       36               24.6                8.6
## 184            James Harden       36               24.6                8.6
## 185        Maurice Harkless       11                1.4                1.2
## 186        Maurice Harkless       26                6.9                  3
## 187        Montrezl Harrell       69               13.5                6.2
## 188             Gary Harris       19 9.6999999999999993                2.5
## 189             Gary Harris       20 10.199999999999999                1.6
## 190              Joe Harris       69               14.1                3.6
## 191           Tobias Harris       62               19.5                6.8
## 192       Isaiah Hartenstein       30                3.5                2.8
## 193       Isaiah Hartenstein       30                3.5                2.8
## 194       Isaiah Hartenstein       16 8.3000000000000007                6
## 195       Isaiah Hartenstein       16 8.3000000000000007                6
## 196               Josh Hart       47 9.1999999999999993                8
## 197             Jaxson Hayes       60                7.5                4.3
## 198            Killian Hayes       26                6.8                2.7
## 199           Gordon Hayward       44 19.600000000000001                5.9
## 200              Tyler Herro       54               15.1 4.9000000000000004
## 201              Buddy Hield       71 16.600000000000001                4.7
## 202              George Hill       14               11.8                2.1
## 203              George Hill       14               11.8                2.1
## 204              George Hill       16                  6                  2
## 205              George Hill       16                  6                  2
## 206             Solomon Hill       71 4.4000000000000004                3
## 207             Aaron Holiday       66                7.2                1.3
## 208              Jrue Holiday       59               17.7                4.5
## 209            Justin Holiday       72               10.5                3.6
## 210            Richaun Holmes       61               14.2 8.3000000000000007
## 211               Rodney Hood       38                4.7                1.9
## 212               Rodney Hood       17                3.9                1.8
## 213                Al Horford       28               14.2                6.7
## 214        Talen Horton-Tucker       65                  9                2.6
## 215              Dwight Howard       69                  7                8.4
```

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## 216       Kevin Huerter 69               11.9               3.3
## 217       Elijah Hughes 18                1.7               0.5
## 218       De'Andre Hunter 23               15               4.8
## 219         Serge Ibaka 41               11.1               6.7
## 220       Andre Iguodala 63 4.4000000000000004               3.5
## 221           Joe Ingles 67               12.1               3.6
## 222       Brandon Ingram 61               23.8 4.9000000000000004
## 223         Kyrie Irving 54               26.9               4.8
## 224       Frank Jackson 40 9.8000000000000007 2.2000000000000002
## 225         Josh Jackson 62               13.4 4.0999999999999996
## 226       Reggie Jackson 67               10.7               2.9
## 227         LeBron James 45               25               7.7
## 228         Isaiah Joe 41                3.7               0.9
## 229     Cameron Johnson 60                9.6               3.3
## 230       James Johnson 29                5.7               3
## 231       James Johnson 22 9.1999999999999993 4.0999999999999996
## 232       Keldon Johnson 69               12.8               6
## 233     Stanley Johnson 61 4.4000000000000004               2.5
## 234     Stanley Johnson 61 4.4000000000000004               2.5
## 235     Stanley Johnson 61 4.4000000000000004               2.5
## 236     Stanley Johnson 61 4.4000000000000004               2.5
## 237     Stanley Johnson 61 4.4000000000000004               2.5
## 238     Derrick Jones Jr. 58                6.8               3.5
## 239         Damian Jones 14                1.6               1.3
## 240         Damian Jones  8                5.4               3.3
## 241         Damian Jones 17                6.9               4.5
## 242           Tre Jones 37                2.5               0.6
## 243           Tyus Jones 70                6.3               2
## 244       DeAndre Jordan 57                7.5               7.5
## 245       DeAndre Jordan 57                7.5               7.5
## 246         Cory Joseph 44                6.6 2.2999999999999998
## 247         Cory Joseph 44                6.6 2.2999999999999998
## 248         Cory Joseph 19               12               3.2
## 249         Cory Joseph 19               12               3.2
## 250       Frank Kaminsky 47                6.6               4
## 251       Luke Kennard 63 8.3000000000000007               2.6
## 252         Maxi Kleber 50                7.1               5.2
## 253         John Konchar 43                4.3               3
## 254       Furkan Korkmaz 55                9.1               2.1
## 255         Luke Kornet 13                2               1.2
## 256         Luke Kornet 13                2               1.2
## 257         Luke Kornet 13                2               1.2
## 258         Luke Kornet 18 4.4000000000000004               2.9
## 259         Luke Kornet 18 4.4000000000000004               2.9
## 260         Luke Kornet 18 4.4000000000000004               2.9
## 261           Kyle Kuzma 68               12.9               6.1
## 262         Jeremy Lamb 36               10.1               3.6
## 263         Zach LaVine 58               27.4               5
## 264         Jake Layman 45 5.0999999999999996               1.5
## 265         Damion Lee 57                6.5               3.2
## 266           Saben Lee 48                5.6               2
## 267           Alex Len  7 2.2999999999999998               1.6
## 268           Alex Len  7 2.2999999999999998               1.6
## 269           Alex Len  7 2.2999999999999998               1.6
```

```
## 270           Alex Len  57             7.1 4.4000000000000004
## 271           Alex Len  57             7.1 4.4000000000000004
## 272           Alex Len  57             7.1 4.4000000000000004
## 273      Kawhi Leonard  52            24.8                6.5
## 274       Caris LeVert  12            18.5                4.3
## 275       Caris LeVert  35            20.7 4.5999999999999996
## 276      Kira Lewis Jr. 54             6.4                1.3
## 277     Damian Lillard  67            28.7                4.2
## 278       Nassir Little 48 4.5999999999999996                2.7
## 279       Kevon Looney  61 4.0999999999999996                5.3
## 280        Brook Lopez  70            12.3                  5
## 281        Robin Lopez  71               9                3.8
## 282         Kevin Love  25            12.2                7.4
## 283         Kyle Lowry  46            17.2                5.3
## 284         Trey Lyles  23               5                3.7
## 285        Terance Mann  67               7                3.6
## 286     Lauri Markkanen  51            13.6                5.3
## 287       Naji Marshall  32             7.7 4.5999999999999996
## 288   Kenyon Martin Jr.  45 9.3000000000000007                5.4
## 289        Caleb Martin  53               5                2.7
## 290         Cody Martin  52               4                3.1
## 291     Garrison Mathews  64             5.5                1.4
## 292     Wesley Matthews  58             4.8                1.6
## 293        Tyrese Maxey  61               8                1.7
## 294         CJ McCollum  47            23.1                3.9
## 295      T.J. McConnell  69             8.6                3.7
## 296      Jalen McDaniels  47             7.4                3.6
## 297      Jaden McDaniels  63             6.8                3.7
## 298       Doug McDermott  66            13.6                3.3
## 299         JaVale McGee  33               8                5.2
## 300         JaVale McGee  13             5.5                5.3
## 301      Rodney McGruder  16             5.7                1.4
## 302      Alfonzo McKinnie 39             3.1                1.4
## 303      Alfonzo McKinnie 39             3.1                1.4
## 304      Alfonzo McKinnie 39             3.1                1.4
## 305   Jordan McLaughlin   51               5                2.1
## 306        Ben McLemore   32             7.4                2.1
## 307        Ben McLemore   21               8                1.6
## 308    De'Anthony Melton  52             9.1                3.1
## 309         Sam Merrill   30               3                  1
## 310       Chimezie Metu   36             6.3                3.1
## 311      Khris Middleton  68 20.399999999999999                  6
## 312         Paul Millsap  56               9                4.7
## 313         Patty Mills   68            10.8                1.7
## 314        Shake Milton   63              13 2.2999999999999998
## 315     Donovan Mitchell  53            26.4 4.4000000000000004
## 316          Malik Monk   42            11.7                2.4
## 317       E'Twaun Moore   27 4.9000000000000004                1.7
## 318           Ja Morant   63 19.100000000000001                  4
## 319      Markieff Morris  61             6.7 4.4000000000000004
## 320        Monte Morris   47 10.199999999999999                  2
## 321      Dejounte Murray  67            15.7                7.1
## 322         Jamal Murray  48            21.2                  4
## 323         Mike Muscala  35 9.6999999999999993                3.8
```

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## 324         Abdel Nader 24                   6.7                   2.6
## 325      Larry Nance Jr. 35 9.3000000000000007                   6.7
## 326        Aaron Nesmith 46                   4.7                   2.8
## 327            Raul Neto 64 8.6999999999999993                   2.4
## 328        Georges Niang 72                   6.9                   2.4
## 329           Zeke Nnaji 41                   3.3                   1.6
## 330         Nerlens Noel 64 5.0999999999999996                   6.4
## 331        Jaylen Nowell 42                     9 2.2999999999999998
## 332      Frank Ntilikina 33                   2.7                   0.9
## 333        Kendrick Nunn 56                  14.6                   3.2
## 334          David Nwaba 30 9.1999999999999993                   3.9
## 335          Jordan Nwora 30                  5.7                     2
## 336         Semi Ojeleye 56 4.5999999999999996                   2.6
## 337          Chuma Okeke 45                   7.8                     4
## 338           Josh Okogie 59                   5.4                   2.6
## 339       Onyeka Okongwu 50 4.5999999999999996                   3.3
## 340           Isaac Okoro 67                   9.6                   3.1
## 341             KZ Okpala 37                   2.5                   1.8
## 342        Victor Oladipo  9                    20                   5.7
## 343        Victor Oladipo  9                    20                   5.7
## 344        Victor Oladipo  9                    20                   5.7
## 345        Victor Oladipo 20                  21.2                   4.8
## 346        Victor Oladipo 20                  21.2                   4.8
## 347        Victor Oladipo 20                  21.2                   4.8
## 348        Victor Oladipo  4                    12                   3.5
## 349        Victor Oladipo  4                    12                   3.5
## 350        Victor Oladipo  4                    12                   3.5
## 351          Kelly Olynyk 43                    10                   6.1
## 352          Kelly Olynyk 27                    19                   8.4
## 353        Royce O'Neale 71                     7                   6.8
## 354             Miye Oni 54                   1.9                   1.6
## 355             Miye Oni 54                   1.9                   1.6
## 356           Cedi Osman 59                  10.4                   3.4
## 357       Kelly Oubre Jr. 55                  15.4                     6
## 358         Eric Paschall 40                   9.5                   3.2
## 359            Chris Paul 70 16.399999999999999 4.4000000000000004
## 360         Cameron Payne 60                   8.4                   2.4
## 361         Elfrid Payton 63                  10.1                   3.4
## 362           Theo Pinson 17                   0.1                   0.3
## 363           Theo Pinson 17                   0.1                   0.3
## 364         Mason Plumlee 56                  10.4 9.3000000000000007
## 365          Jakob Poeltl 69                   8.6                   7.9
## 366     Aleksej Pokusevski 45 8.1999999999999993                   4.7
## 367          Jordan Poole 51                    12                   1.8
## 368     Michael Porter Jr. 61                    19                   7.3
## 369          Bobby Portis 66                  11.4                   7.1
## 370         Dwight Powell 58                   5.9 4.0999999999999996
## 371         Norman Powell 42 19.600000000000001                     3
## 372         Norman Powell 27                    17                   3.3
## 373        Taurean Prince 12                   8.1                   2.8
## 374        Taurean Prince 12                   8.1                   2.8
## 375        Taurean Prince 12                   8.1                   2.8
## 376        Taurean Prince 29                  10.1                   3.7
## 377        Taurean Prince 29                  10.1                   3.7
```

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## 378      Taurean Prince    29              10.1                    3.7
## 379     Payton Pritchard    66               7.7                    2.4
## 380    Immanuel Quickley    64              11.4                    2.1
## 381       Jahmi'us Ramsey   13               3.1                    0.8
## 382         Julius Randle   71              24.1 10.199999999999999
## 383          Cam Reddish    26              11.2                      4
## 384            Paul Reed    26               3.4 2.2999999999999998
## 385             Naz Reid   70              11.2 4.5999999999999996
## 386         Nick Richards   18               0.8                    0.6
## 387      Josh Richardson    59              12.1                    3.3
## 388         Austin Rivers   21               7.3 2.2000000000000002
## 389         Austin Rivers   15 8.6999999999999993 2.2999999999999998
## 390      Duncan Robinson    72              13.1                    3.5
## 391    Mitchell Robinson    31 8.3000000000000007                    8.1
## 392         Isaiah Roby    61 8.6999999999999993                    5.6
## 393          Rajon Rondo   27               3.9                      2
## 394          Rajon Rondo   27               3.9                      2
## 395          Rajon Rondo   18               7.6                    3.1
## 396          Rajon Rondo   18               7.6                    3.1
## 397          Derrick Rose   15              14.2                    1.9
## 398          Derrick Rose   15              14.2                    1.9
## 399          Derrick Rose   15              14.2                    1.9
## 400          Derrick Rose   35              14.9                    2.9
## 401          Derrick Rose   35              14.9                    2.9
## 402          Derrick Rose   35              14.9                    2.9
## 403         Terrence Ross   46              15.6                    3.4
## 404          Terry Rozier   69 20.399999999999999 4.4000000000000004
## 405           Ricky Rubio   68               8.6                    3.3
## 406       D'Angelo Russell   42                19                    2.6
## 407      Domantas Sabonis   62              20.3                     12
## 408         Collin Sexton   60              24.3                    3.1
## 409         Landry Shamet   61 9.3000000000000007                    1.8
## 410         Pascal Siakam   56              21.4                    7.2
## 411          Ben Simmons   58              14.3                    7.2
## 412       Anfernee Simons   64               7.8 2.2000000000000002
## 413         Marcus Smart   48              13.1                    3.5
## 414      Dennis Smith Jr.    3                3                    0.7
## 415      Dennis Smith Jr.    3                3                    0.7
## 416      Dennis Smith Jr.    3                3                    0.7
## 417      Dennis Smith Jr.   20               7.3                    2.7
## 418      Dennis Smith Jr.   20               7.3                    2.7
## 419      Dennis Smith Jr.   20               7.3                    2.7
## 420            Ish Smith   44               6.7                    3.4
## 421           Jalen Smith   27                2                    1.4
## 422            Tony Snell   47               5.3                    2.4
## 423         Lamar Stevens   40 4.0999999999999996                    2.4
## 424        Isaiah Stewart   68               7.9                    6.7
## 425             Max Strus   39               6.1 1.1000000000000001
## 426         Jae'Sean Tate   70              11.3                    5.3
## 427         Jayson Tatum   64              26.4                    7.4
## 428        Garrett Temple   56               7.6                    2.8
## 429          Tyrell Terry   11                1                    0.5
## 430          Tyrell Terry   11                1                    0.5
## 431           Daniel Theis   42               9.5                    5.2
```

```
## 432          Daniel Theis   23                     10                5.9
## 433           Matt Thomas   26                    2.7                0.8
## 434           Matt Thomas   19                    3.6                1.2
## 435      Tristan Thompson   54                    7.6                8.1
## 436      Matisse Thybulle   65                    3.9                1.9
## 437           Obi Toppin   62 4.0999999999999996 2.2000000000000002
## 438  Juan Toscano-Anderson   53                    5.7 4.4000000000000004
## 439    Karl-Anthony Towns   50                   24.8               10.6
## 440         Gary Trent Jr.   41                     15 2.2000000000000002
## 441         Gary Trent Jr.   17                   16.2                3.6
## 442          P.J. Tucker   32 4.4000000000000004 4.5999999999999996
## 443          P.J. Tucker   20                    2.6                2.8
## 444         Myles Turner   47                   12.6                6.5
## 445     Jarred Vanderbilt   64                    5.4                5.8
## 446        Fred VanVleet   52 19.600000000000001                4.2
## 447         Devin Vassell   62                    5.5                2.8
## 448         Gabe Vincent   50                    4.8 1.1000000000000001
## 449           Dean Wade   63                      6                3.4
## 450        Moritz Wagner   25                    7.1                2.9
## 451        Moritz Wagner    9                    1.2                2.1
## 452        Moritz Wagner   11                     11 4.9000000000000004
## 453         Kemba Walker   43                   19.3                  4
## 454         Kemba Walker   43                   19.3                  4
## 455            John Wall   40                   20.6                3.2
## 456        Brad Wanamaker   39                    4.7                1.7
## 457        Brad Wanamaker   39                    4.7                1.7
## 458        Brad Wanamaker   22                    6.9                1.8
## 459        Brad Wanamaker   22                    6.9                1.8
## 460           T.J. Warren    4                   15.5                3.5
## 461      P.J. Washington   64                   12.9                6.5
## 462         Yuta Watanabe   50 4.4000000000000004                3.2
## 463 Quinndary Weatherspoon   20 2.2999999999999998                0.6
## 464     Russell Westbrook   65                   22.2               11.5
## 465           Coby White   69                   15.1 4.0999999999999996
## 466         Derrick White   36                   15.4                  3
## 467      Hassan Whiteside   36                    8.1                  6
## 468       Andrew Wiggins   71 18.600000000000001 4.9000000000000004
## 469        Grant Williams   63                    4.7                2.8
## 470      Kenrich Williams   66                      8 4.0999999999999996
## 471          Lou Williams   42                   12.1                2.1
## 472          Lou Williams   24                     10                2.1
## 473       Zion Williamson   61                     27                7.2
## 474      Patrick Williams   71 9.1999999999999993 4.5999999999999996
## 475         Dylan Windler   31                    5.2                3.5
## 476         James Wiseman   39                   11.5                5.8
## 477         Christian Wood   41                     21                9.6
## 478          Delon Wright   36                   10.4 4.5999999999999996
## 479          Delon Wright   27                     10                3.9
## 480        Thaddeus Young   68                   12.1                6.2
## 481            Trae Young   63                   25.3                3.9
## 482           Cody Zeller   48                    9.4                6.8
## 483           Ivica Zubac   72                      9                7.2
##                    APG        SPG                    BPG
## 1                  0.5       0.33                   0.46
```

```
## 2                      1.9                 0.93                         0.66
## 3                      5.4                 1.17                         1.03
## 4                      1.7                 0.38                         0.86
## 5                      2.6                  0.6           2.2000000000000002
## 6       2.2000000000000002                 1.02                         0.48
## 7       2.2000000000000002                 0.92                         0.16
## 8                      1.7   0.57999999999999996                         1.58
## 9                      1.7   0.57999999999999996                         1.58
## 10                     1.7   0.57999999999999996                         1.58
## 11                     1.7                 0.47                         1.41
## 12                     1.7                 0.47                         1.41
## 13                     1.7                 0.47                         1.41
## 14                     3.6                 1.22                         0.83
## 15                     5.9                 1.18                         1.21
## 16                     0.8                 0.39                         0.18
## 17                     1.5                 0.67          0.55000000000000004
## 18      4.0999999999999996                 0.64                         0.38
## 19      2.2000000000000002                 1.53                         0.72
## 20                     1.3                  0.2                            0
## 21                     1.3                  0.2                            0
## 22                     1.3                  0.2                            0
## 23                       3                 0.54                         0.03
## 24                     3.9                  0.4                            0
## 25                     1.2                 0.59          0.28000000000000003
## 26                     1.4                 0.59                         1.17
## 27                       0  7.000000000000007E-2                         0.27
## 28                       1                 0.49                         0.49
## 29                     6.1                 1.59                         0.35
## 30                     5.7                 1.49          0.56000000000000005
## 31                     0.8                  0.3                         1.26
## 32                     1.7                 0.62                         0.24
## 33                     3.5                 0.74                         0.19
## 34                       3                 0.74          0.28000000000000003
## 35                     3.2                 0.89                         0.41
## 36                     0.4                 0.37                         0.17
## 37      2.2000000000000002                 1.03          0.55000000000000004
## 38      2.2000000000000002                 1.03          0.55000000000000004
## 39                     1.6                 1.03                         0.49
## 40                     1.8                 0.53                         0.45
## 41      4.4000000000000004   1.1499999999999999                         0.37
## 42                     2.4                 0.81                         0.19
## 43                     2.1                 1.04                         0.35
## 44                     2.1                 1.04                         0.35
## 45                     2.1                 0.76                         0.76
## 46                     1.4                 0.74                          0.2
## 47      1.1000000000000001                 0.67          0.57999999999999996
## 48                     1.9                 0.89           1.1599999999999999
## 49                     0.8                  0.2                         1.33
## 50                     1.2                 0.26           1.1200000000000001
## 51                     1.2                 0.26           1.1200000000000001
## 52                     1.9                 0.31                         0.08
## 53                     1.8                 0.64                         0.27
## 54                     3.8                 0.77                         0.34
## 55                     0.2                 0.09                         0.31
```

```
## 56              0.6  0.2800000000000003                  0.23
## 57              4.3                0.79                  0.24
## 58  1.1000000000000001  0.57999999999999996                  1.85
## 59              1.4                 0.7                   0.1
## 60              1.9                0.82                  0.18
## 61              0.9                 0.3                  0.65
## 62              0.9                0.41                  0.77
## 63  2.2000000000000002                0.67                  0.79
## 64              2.1                1.06                  0.88
## 65              5.9                0.88                  0.27
## 66  2.2999999999999998  1.1599999999999999                  0.39
## 67              0.9  0.14000000000000001                  0.19
## 68              0.8                0.54                  0.15
## 69              1.6                0.86                  0.43
## 70              3.4                1.24  0.55000000000000004
## 71              0.2                0.72  1.1200000000000001
## 72              1.4                0.75                  0.24
## 73              3.5                0.51                  0.01
## 74              1.5                 0.4                   0.8
## 75              1.5                 0.8                  0.17
## 76              1.3                 0.6                   0.1
## 77  2.2000000000000002                0.63  0.28999999999999998
## 78              7.1                2.08                  0.35
## 79              1.9                0.93                  0.39
## 80              3.6                1.22                  0.22
## 81              0.8                 0.7  2.0499999999999998
## 82              0.1                0.05                  0.26
## 83  2.2000000000000002  0.56000000000000005                  0.75
## 84              1.6                0.77                  0.82
## 85              1.2                0.48                  0.15
## 86  4.0999999999999996                0.81  0.55000000000000004
## 87              2.8  1.1000000000000001                  0.26
## 88                1                   0                     1
## 89                1                   0                     1
## 90                1                   0                     1
## 91                1                   0                     1
## 92              1.6                1.03                  0.86
## 93              0.9                0.34                   0.2
## 94                0                   0                     0
## 95              0.5                 0.5                     0
## 96              2.5                 0.9                  0.15
## 97              1.2                0.54                     1
## 98                6                1.37                  0.18
## 99              1.2                0.68                  0.33
## 100              2.4                0.84                  0.72
## 101              2.4                0.84                  0.72
## 102              2.4                0.84                  0.72
## 103              2.4                0.84                  0.72
## 104                1                0.81                  0.38
## 105                1                0.81                  0.38
## 106                1                0.81                  0.38
## 107                1                0.81                  0.38
## 108              1.7                1.44                   1.2
## 109              0.9                 0.5                  0.39
```

```
## 110                   1               0.59                   0.59
## 111                 2.1               0.82                   0.43
## 112                 0.7                0.5                   0.26
## 113                 2.7               0.77     0.14000000000000001
## 114                 5.8               1.21                   0.13
## 115                 3.1               1.25                   1.64
## 116                 0.9 0.56999999999999995     0.56999999999999995
## 117 1.1000000000000001                0.5                   0.21
## 118                 1.7               1.04                   0.26
## 119                 6.9               0.92                   0.25
## 120                 2.4               0.97                   0.38
## 121                 1.2                0.5                    0.6
## 122                 1.3               0.77                   0.64
## 123                 1.2 0.56000000000000005                   0.13
## 124                   3               0.67                   0.33
## 125                 3.1   1.090000000000001                   0.23
## 126                 1.7               0.87                   0.37
## 127                 0.8               0.43                   0.16
## 128                 1.8               0.62                   0.44
## 129                 2.6                1.6     1.1599999999999999
## 130                 1.4   1.100000000000001                   0.95
## 131                 5.6               0.71                   1.29
## 132                 2.9   1.1399999999999999                   0.49
## 133                 0.3                0.2                    0.1
## 134                 1.5               0.39                    0.2
## 135                 2.8               0.98                   1.35
## 136                 0.8               0.33                   0.91
## 137                 0.6               0.47                      1
## 138                 0.3               0.12                   0.09
## 139                 1.7               0.87                    0.4
## 140                 2.9               0.83                   0.15
## 141                 3.7               1.04                   0.35
## 142                 3.1               1.25                   0.63
## 143                 7.2                1.5                   0.47
## 144                 5.4                  1                   0.25
## 145                 0.5               0.35     1.1000000000000001
## 146                 0.5               0.65                   1.78
## 147                 1.5               0.59                    0.2
## 148                 6.1               1.22                   0.11
## 149                 1.4               0.73                   0.63
## 150                 5.2   1.1499999999999999                   0.44
## 151                 0.8               0.69     1.0900000000000001
## 152                 5.9               0.77                   0.66
## 153                 0.4               0.38                   0.15
## 154                 1.3 0.56000000000000005                   2.68
## 155                   2               0.36                      0
## 156                 4.2               0.64                    0.8
## 157 2.2000000000000002                0.68     0.56000000000000005
## 158                 2.6               0.52                   0.48
## 159                 5.4               0.87                   0.11
## 160                 2.8               0.65                   1.07
## 161                 1.7               1.33                   0.81
## 162                 8.9                1.7                   0.83
## 163                 0.9               0.45                   0.38
```

```
## 164                 0.4                 0.72                 0.08
## 165                 0.4                 0.63                 0.25
## 166                 1.6                 0.53                  0.4
## 167                 0.7                 0.41                 0.08
## 168                 3.9                  0.7                  0.1
## 169                 3.9                  0.7                  0.1
## 170                 2.4                 0.69                  0.5
## 171                 2.4                 0.69                  0.5
## 172                   1                 0.19                    0
## 173                   1                 0.19                    0
## 174                 1.4                 0.79                 0.12
## 175                 5.3                 1.33                 0.48
## 176                 0.6                  0.2                 0.08
## 177                 2.8                 0.62                 0.35
## 178                 1.8                 0.44                 0.16
## 179                10.4                 0.88                 0.75
## 180                10.4                 0.88                 0.75
## 181                10.4                 0.88                 0.75
## 182                10.9                 1.28                 0.75
## 183                10.9                 1.28                 0.75
## 184                10.9                 1.28                 0.75
## 185                 0.6                 0.18                 0.36
## 186                 1.4                 1.08                 0.65
## 187 1.1000000000000001                 0.67                 0.71
## 188                 1.7                 0.89                 0.21
## 189 2.2999999999999998  0.5500000000000004                  0.3
## 190                 1.9                 0.68                  0.2
## 191                 3.5                 0.89                 0.82
## 192                 0.5                 0.37                 0.67
## 193                 0.5                 0.37                 0.67
## 194                 2.5                  0.5                 1.19
## 195                 2.5                  0.5                 1.19
## 196 2.2999999999999998                 0.81                 0.26
## 197                 0.6                 0.42                 0.63
## 198                 5.3                 1.04                 0.38
## 199 4.0999999999999996                 1.18                 0.32
## 200                 3.4                 0.65                 0.31
## 201                 3.6                 0.89                 0.42
## 202                 3.1                 0.86 0.14000000000000001
## 203                 3.1                 0.86 0.14000000000000001
## 204                 1.9                 0.69                 0.19
## 205                 1.9                 0.69                 0.19
## 206 1.1000000000000001                  0.7                 0.15
## 207                 1.9                  0.7                  0.2
## 208                 6.1                 1.64                 0.63
## 209                 1.7                 1.03 0.56999999999999995
## 210                 1.7                 0.64                 1.56
## 211                 1.2                 0.53                 0.11
## 212                 0.4                 0.24                 0.18
## 213                 3.4                 0.89                 0.93
## 214                 2.8                 0.97                 0.32
## 215                 0.9                 0.43                  0.9
## 216                 3.5                 1.19                 0.26
## 217                 0.3                 0.06                 0.06
```

```
## 218                    1.9                         0.83                        0.52
## 219                    1.8                         0.22          1.1499999999999999
## 220 2.2999999999999998                             0.92                        0.52
## 221                    4.7                         0.67                        0.18
## 222 4.9000000000000004                             0.69                        0.59
## 223                      6                         1.41                        0.69
## 224                    0.9                         0.38                        0.03
## 225 2.2999999999999998                             0.85                        0.76
## 226                    3.1                         0.63                         0.1
## 227                    7.8                         1.07          0.56000000000000005
## 228                    0.5          0.28999999999999998                        0.1
## 229                    1.4                         0.62                        0.27
## 230                    1.7                         0.83                        0.79
## 231 2.200000000000002                              0.82                        0.86
## 232                    1.8          0.57999999999999996                       0.35
## 233                    1.5                         0.85                        0.31
## 234                    1.5                         0.85                        0.31
## 235                    1.5                         0.85                        0.31
## 236                    1.5                         0.85                        0.31
## 237                    1.5                         0.85                        0.31
## 238                    0.8                         0.64                        0.93
## 239                    0.3 7.000000000000007E-2                               0.36
## 240                    0.1                         0.13                        0.88
## 241                    1.4                         0.53                           1
## 242 1.1000000000000001                             0.22                           0
## 243                    3.7                          0.9                        0.09
## 244                    1.6                          0.3          1.1399999999999999
## 245                    1.6                          0.3          1.1399999999999999
## 246                    2.5                         0.86                         0.2
## 247                    2.5                         0.86                         0.2
## 248                    5.5                         1.21                        0.47
## 249                    5.5                         1.21                        0.47
## 250                    1.7                          0.3                        0.36
## 251                    1.7                         0.35          0.14000000000000001
## 252                    1.4                         0.48                         0.7
## 253 1.1000000000000001                              0.7                        0.21
## 254                    1.5                         0.89                        0.16
## 255                    0.3                         0.15                        0.54
## 256                    0.3                         0.15                        0.54
## 257                    0.3                         0.15                        0.54
## 258 1.1000000000000001                             0.11                        1.39
## 259 1.1000000000000001                             0.11                        1.39
## 260 1.1000000000000001                             0.11                        1.39
## 261                    1.9                          0.5                         0.6
## 262                    1.5                         0.94                        0.64
## 263 4.9000000000000004                             0.79                        0.47
## 264                    0.6                         0.64                        0.42
## 265                    1.3                         0.67          0.14000000000000001
## 266                    3.6                         0.67                        0.27
## 267                    0.4          0.14000000000000001                       0.86
## 268                    0.4          0.14000000000000001                       0.86
## 269                    0.4          0.14000000000000001                       0.86
## 270                    0.8                         0.33                        1.02
## 271                    0.8                         0.33                        1.02
```

```
## 272               0.8                0.33                1.02
## 273               5.2                1.56                 0.4
## 274                 6                1.08                 0.5
## 275 4.9000000000000004                1.51                0.69
## 276 2.2999999999999998                 0.7                0.19
## 277               7.5                0.93                0.25
## 278               0.5                 0.1                0.27
## 279               1.9                0.36                0.36
## 280               0.7  0.56999999999999995                1.47
## 281               0.8                0.21                0.62
## 282               2.5                0.64                0.08
## 283               7.3                1.02                0.26
## 284               0.6                0.26                0.04
## 285               1.6                0.45                0.19
## 286               0.9                0.51  0.28999999999999998
## 287               2.8                0.81                0.31
## 288 1.1000000000000001                0.67                0.91
## 289               1.3                 0.7                0.23
## 290               1.7                0.73                0.23
## 291               0.4                0.45                0.11
## 292               0.9                0.64  0.28000000000000003
## 293                 2                0.43                0.21
## 294               4.7                0.94                0.45
## 295               6.6                1.86                0.33
## 296 1.1000000000000001                 0.6                 0.4
## 297 1.1000000000000001  0.56000000000000005                0.95
## 298               1.3                 0.3                0.09
## 299                 1                0.48                1.21
## 300               0.5                0.23                1.08
## 301                 1                 0.5                0.06
## 302               0.2                0.18                   0
## 303               0.2                0.18                   0
## 304               0.2                0.18                   0
## 305               3.8                   1                0.12
## 306               0.9                0.63                0.09
## 307               0.5  0.14000000000000001  0.28999999999999998
## 308               2.5  1.1299999999999999                 0.6
## 309               0.7                0.27                0.03
## 310               0.8                0.39                0.53
## 311               5.4  1.090000000000001                0.15
## 312               1.8                0.91                0.64
## 313               2.4                 0.6                0.04
## 314               3.1                0.62  0.28999999999999998
## 315               5.2                0.98  0.28000000000000003
## 316               2.1                0.45                 0.1
## 317               1.5  0.56000000000000005                0.19
## 318               7.4                 0.9                0.21
## 319               1.2                0.36                0.31
## 320               3.2                0.72  0.28000000000000003
## 321               5.4                1.51                 0.1
## 322               4.8                1.33                0.27
## 323               0.8                0.23                0.31
## 324               0.8                0.42                0.38
## 325               3.1                1.74                0.49
```

```
## 326                0.5                0.33                 0.2
## 327 2.2999999999999998 1.1399999999999999                0.09
## 328                0.8                0.36                 0.1
## 329                0.2                0.17                 0.1
## 330                0.7 1.0900000000000001   2.200000000000002
## 331                1.5                0.52 0.28999999999999998
## 332                0.6 0.55000000000000004                0.12
## 333                2.6                0.96                0.25
## 334                  1                   1                 0.7
## 335                0.2                0.53                0.23
## 336                0.7                 0.3                   0
## 337  2.200000000000002                1.07                0.51
## 338 1.1000000000000001                0.92                0.47
## 339                0.4                0.46                0.66
## 340                1.9                0.93                0.36
## 341                0.5                0.27                 0.3
## 342                4.2                1.67                0.22
## 343                4.2                1.67                0.22
## 344                4.2                1.67                0.22
## 345                  5                 1.2                 0.5
## 346                  5                 1.2                 0.5
## 347                  5                 1.2                 0.5
## 348                3.5                1.75                 0.5
## 349                3.5                1.75                 0.5
## 350                3.5                1.75                 0.5
## 351                2.1                0.93                 0.6
## 352 4.0999999999999996                1.44                0.59
## 353                2.5                 0.8                0.45
## 354                0.5                 0.2                0.15
## 355                0.5                 0.2                0.15
## 356                2.9                 0.9                0.15
## 357                1.3                1.04                0.76
## 358                1.3                 0.3                0.18
## 359                8.9                1.43                0.26
## 360                3.6                 0.6                0.27
## 361                3.2                0.75 0.14000000000000001
## 362                0.1                   0                   0
## 363                0.1                   0                   0
## 364                3.6                0.77                0.89
## 365                1.9                0.68                1.78
## 366  2.200000000000002                0.44                0.93
## 367                1.9                0.51                0.18
## 368 1.1000000000000001                0.66                0.89
## 369 1.1000000000000001                0.79                0.39
## 370 1.1000000000000001                 0.6                0.52
## 371                1.8 1.1200000000000001                0.19
## 372                1.9                 1.3                0.37
## 373                0.6                0.67                0.67
## 374                0.6                0.67                0.67
## 375                0.6                0.67                0.67
## 376                2.4                0.69                0.52
## 377                2.4                0.69                0.52
## 378                2.4                0.69                0.52
## 379                1.8 0.56000000000000005 0.14000000000000001
```

```
## 380                     2                  0.47                  0.19
## 381                   0.5                  0.31                  0.08
## 382                     6                   0.9                  0.25
## 383                   1.3                  1.27                  0.35
## 384                   0.5                  0.38                   0.5
## 385                     1                  0.49                  1.07
## 386                   0.1                     0                     0
## 387                   2.6                  1.03                  0.41
## 388                     2    0.56999999999999995                     0
## 389                   2.6                   1.2                  0.13
## 390                   1.8                   0.6    0.28000000000000003
## 391                   0.5    1.1299999999999999                  1.45
## 392                   1.8                  0.85                  0.61
## 393                   3.5                   0.7 7.0000000000000007E-2
## 394                   3.5                   0.7 7.0000000000000007E-2
## 395                   5.8                  0.94                  0.11
## 396                   5.8                  0.94                  0.11
## 397                   4.2                   1.2                  0.27
## 398                   4.2                   1.2                  0.27
## 399                   4.2                   1.2                  0.27
## 400                   4.2                  0.89                  0.43
## 401                   4.2                  0.89                  0.43
## 402                   4.2                  0.89                  0.43
## 403                   2.4                  1.02                  0.46
## 404                   4.2                  1.25                  0.38
## 405                   6.4                  1.46                  0.06
## 406                   5.8                  1.07                  0.43
## 407                   6.7                  1.23                  0.53
## 408 4.4000000000000004                  1.05                  0.17
## 409                   1.6                  0.52                  0.16
## 410                   4.5    1.1399999999999999                  0.68
## 411                   6.9                   1.6                   0.6
## 412                   1.4    0.28000000000000003                  0.13
## 413                   5.7                   1.5                   0.5
## 414                     1                     1                     0
## 415                     1                     1                     0
## 416                     1                     1                     0
## 417                   3.7                     1                   0.7
## 418                   3.7                     1                   0.7
## 419                   3.7                     1                   0.7
## 420                   3.9                  0.73                   0.3
## 421                   0.1                  0.04                  0.19
## 422                   1.3    0.28000000000000003                  0.23
## 423                   0.6                  0.43                  0.33
## 424                   0.9    0.56000000000000005                  1.26
## 425                   0.6    0.28000000000000003                  0.05
## 426                   2.5                  1.21                  0.51
## 427                   4.3                  1.17                  0.48
## 428 2.2000000000000002                  0.77                  0.52
## 429                   0.5                  0.45                     0
## 430                   0.5                  0.45                     0
## 431                   1.6                   0.6                  1.02
## 432                   1.8                   0.7                  0.61
## 433                   0.3                  0.08                     0
```

```
## 434                    0.5                   0.11                            0
## 435                    1.2                   0.44                         0.61
## 436                      1                   1.62           1.0900000000000001
## 437                    0.5                   0.27                         0.24
## 438                    2.8                   0.77                         0.49
## 439                    4.5                   0.76           1.1399999999999999
## 440                    1.4                    0.9                         0.15
## 441                    1.3     1.1200000000000001                         0.24
## 442                    1.4                   0.88           0.56000000000000005
## 443                    0.8                    0.5                          0.1
## 444                      1                   0.85                         3.38
## 445                    1.2                      1                         0.73
## 446                    6.3                   1.67                         0.71
## 447                    0.9                   0.69           0.28999999999999998
## 448                    1.3                   0.42                         0.04
## 449                    1.2                   0.54                         0.33
## 450                    1.3                   0.88                         0.32
## 451                    0.7                      0                         0.11
## 452 1.1000000000000001                       0.36                         0.82
## 453 4.9000000000000004     1.1200000000000001     0.28000000000000003
## 454 4.9000000000000004     1.1200000000000001     0.28000000000000003
## 455                    6.9                   1.05                         0.78
## 456                    2.5                   0.67                         0.15
## 457                    2.5                   0.67                         0.15
## 458                    3.4                   0.73                         0.23
## 459                    3.4                   0.73                         0.23
## 460                    1.3                    0.5                            0
## 461                    2.5     1.0900000000000001                         1.23
## 462                    0.8                   0.52                          0.4
## 463                    0.4                    0.4                          0.1
## 464                   11.7                   1.35                         0.35
## 465                    4.8     0.55000000000000004                         0.22
## 466                    3.5                   0.72                            1
## 467                    0.6                   0.25                         1.28
## 468                    2.4                   0.93                         0.99
## 469                      1                   0.51                         0.37
## 470 2.2999999999999998                       0.86                         0.26
## 471                    3.4                   0.93                          0.1
## 472                    3.4                   0.33                         0.08
## 473                    3.7                   0.93                         0.64
## 474                    1.4                    0.9                         0.65
## 475 1.1000000000000001                       0.61                         0.39
## 476                    0.7     0.28000000000000003                         0.92
## 477                    1.7                   0.83                         1.17
## 478                      5                   1.58                         0.53
## 479                    3.6                   1.56                         0.37
## 480                    4.3     1.0900000000000001                         0.59
## 481                    9.4                   0.84                         0.17
## 482                    1.8     0.56000000000000005                         0.35
## 483                    1.3                   0.33                         0.86
##                        TPG                    MPG            Usage_Rate
## 1                      0.7                   12.1                  19.5
## 2                     1.36                   27.7                  11.7
## 3                     2.64                   33.5                  23.7
```

```
## 4                  0.95               25.9                 22.7
## 5                   1.4                 26 19.899999999999999
## 6                   1.5               21.9                 23.2
## 7                  0.96               25.2                 16.8
## 8                  1.83               26.6                 15.5
## 9                  1.83               26.6                 15.5
## 10                 1.83               26.6                 15.5
## 11                 1.53               30.3                 16.8
## 12                 1.53               30.3                 16.8
## 13                 1.53               30.3                 16.8
## 14                 1.25               27.4                 18.5
## 15                 3.39                 33                 32.5
## 16                 0.75 9.6999999999999993                 15.3
## 17                 0.88               24.5                 23.1
## 18   2.2599999999999998               27.1                 24.3
## 19                 1.74 33.299999999999997                 19.2
## 20                 0.23 10.199999999999999                 13.1
## 21                 0.23 10.199999999999999                 13.1
## 22                 0.23 10.199999999999999                 13.1
## 23                 0.92               19.3                 14.3
## 24                 1.55               20.8                   21
## 25                 0.61               23.3                   12
## 26                 1.48               30.6                 18.2
## 27                  0.2                3.8                 12.4
## 28                 1.37               25.9                 23.5
## 29                 2.84               28.8                 26.1
## 30   2.2400000000000002               31.8                 20.5
## 31                  0.8               15.8                 21.9
## 32                 0.87               22.3 16.100000000000001
## 33                  1.6 36.299999999999997                 17.2
## 34                 1.93               34.9                 23.4
## 35                 1.71                 31                   19
## 36                 0.23 8.1999999999999993                 14.8
## 37                 0.79               27.4                 11.8
## 38                 0.79               27.4                 11.8
## 39                 1.22 19.899999999999999                 16.3
## 40   2.2200000000000002               31.2                   22
## 41                 3.12 35.799999999999997                 34.1
## 42                 1.62 32.799999999999997                   24
## 43                 1.39 19.100000000000001                 14.6
## 44                 1.39 19.100000000000001                 14.6
## 45                 0.92               22.5                 14.6
## 46                 0.86               27.3                 18.7
## 47                 0.48               19.8                 12.2
## 48   1.1100000000000001               30.4                 15.8
## 49                 0.38               12.5                   18
## 50                 1.08 20.399999999999999                 11.5
## 51                 1.08 20.399999999999999                 11.5
## 52                 1.08 16.899999999999999                 19.3
## 53                 0.45               14.2                 15.9
## 54                 1.58               29.7                 18.5
## 55                 0.41                  5                 21.2
## 56   0.55000000000000004               10.8 10.199999999999999
## 57                 3.09               33.9 32.700000000000003
```

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```
## 58            0.77            24.2             20.6
## 59             0.9            21.1 16.899999999999999
## 60   1.1200000000000001       23              13.8
## 61             0.3            14.4             12.8
## 62            1.23             18               18
## 63            1.61            29.3             17.3
## 64            0.81            32.6             14.9
## 65   2.0499999999999998       34.5             25.9
## 66            1.78            29.8             26.1
## 67            0.76            13.7 16.100000000000001
## 68            0.38            18.2             11.5
## 69            0.83            22.3             15.9
## 70            2.72            34.5             29.7
## 71               1            21.4              17
## 72             0.8            24.1             13.5
## 73            1.18             25              20.2
## 74   1.1000000000000001       27.1             17.2
## 75            0.69             30              14.4
## 76            0.53            14.7 19.899999999999999
## 77               1            25.6             21.4
## 78             2.1            33.6             26.6
## 79            1.01            28.4             14.2
## 80   1.1200000000000001       21.9             13.1
## 81   1.1599999999999999       30.1 19.899999999999999
## 82            0.26              6              17.2
## 83            1.53            24.7             19.2
## 84            1.32            26.5             19.5
## 85            0.27            11.9              15
## 86            2.23            25.8             20.2
## 87            1.31             21              14.8
## 88               1            13.4             28.4
## 89               1            13.4             28.4
## 90               1            13.4             28.4
## 91               1            13.4             28.4
## 92   0.5600000000000005       24              17.3
## 93            0.49            18.2             10.3
## 94               0             2.1               0
## 95               0             6.4              3.4
## 96            1.69            26.7             29.8
## 97            1.33            29.3             22.2
## 98            1.94            29.4             23.1
## 99            0.48            22.8             11.6
## 100           1.56            20.2             23.1
## 101           1.56            20.2             23.1
## 102           1.56            20.2             23.1
## 103           1.56            20.2             23.1
## 104           1.56            12.9             27.8
## 105           1.56            12.9             27.8
## 106           1.56            12.9             27.8
## 107           1.56            12.9             27.8
## 108           0.91             32              11.5
## 109 0.2800000000000003       11.2             10.8
## 110           0.63            18.8             15.5
## 111           0.92            27.5             15.7
```

```
## 112                0.82                14.7                18.2
## 113  1.1399999999999             28.7 17.100000000000001
## 114                3.38 34.200000000000003 34.799999999999997
## 115                2.06 32.299999999999997                29.2
## 116                 0.3                  13                 7.9
## 117                0.85                14.5                21.6
## 118                1.26                21.5                  22
## 119                1.95 33.700000000000003                26.1
## 120                1.53                23.8                22.5
## 121                1.35                23.3                21.6
## 122                   1 16.899999999999999 16.899999999999999
## 123                0.63                11.3 18.100000000000001
## 124                1.67                21.4                  16
## 125                1.39                27.5                16.7
## 126                1.52                29.7                21.7
## 127                0.79                15.5                17.8
## 128                0.94                21.8                17.2
## 129                3.24                28.9                31.3
## 130  2.0499999999999998                24.8                22.5
## 131                3.43                33.1                31.2
## 132  2.240000000000002                32.1                  27
## 133                0.17                 6.4 17.399999999999999
## 134                0.72                  22                16.7
## 135                3.12                31.1 35.299999999999997
## 136                0.83                  14 17.100000000000001
## 137                0.53                15.3                  13
## 138                0.64                 6.8                14.4
## 139                 0.8                  32                12.3
## 140                0.91                19.7                  19
## 141                2.08                30.3                26.2
## 142                1.19                29.5                  18
## 143                   3                35.1                  31
## 144                2.25                26.9                26.2
## 145                0.71                12.4                14.4
## 146                0.83                17.8 18.899999999999999
## 147                0.84                  24                21.2
## 148                3.04                33.1                24.9
## 149                1.03                21.5                23.6
## 150                3.31 33.700000000000003                  30
## 151                0.49                20.8 9.6999999999999993
## 152                3.03 33.700000000000003                27.8
## 153                0.31                 8.4                14.2
## 154                1.66                30.8                  17
## 155                0.77                13.2                19.5
## 156                2.68                29.4                23.9
## 157  1.1599999999999             25.9 17.100000000000001
## 158                1.89                29.2                25.2
## 159                1.53                30.2                21.4
## 160                2.02                33.9                28.5
## 161                0.96                  28                  14
## 162                2.98                31.5                13.1
## 163                0.91                19.3 17.600000000000001
## 164                0.52                13.8                12.1
## 165                0.38                   8                  14
```

```
## 166                0.79                 27               15.6
## 167                0.44               11.4               11.9
## 168                 1.6               31.3 19.600000000000001
## 169                 1.6               31.3 19.600000000000001
## 170  1.1499999999999999               21.5 18.899999999999999
## 171  1.1499999999999999               21.5 18.899999999999999
## 172                0.35                7.6               19.7
## 173                0.35                7.6               19.7
## 174                1.19               31.5 18.100000000000001
## 175                1.59               30.1 18.100000000000001
## 176                0.44 9.300000000000007               14.3
## 177                1.62               25.2               21.5
## 178                0.91               28.4               23.4
## 179                4.25 36.299999999999997               28.7
## 180                4.25 36.299999999999997               28.7
## 181                4.25 36.299999999999997               28.7
## 182                3.97               36.6               28.4
## 183                3.97               36.6               28.4
## 184                3.97               36.6               28.4
## 185                0.27               11.2                6.2
## 186                0.77               24.9               12.6
## 187                1.07               22.9               21.7
## 188                0.74               30.6               13.7
## 189  1.1499999999999999               24.9               20.2
## 190                 0.9                 31               16.2
## 191                1.73               32.5               23.9
## 192                 0.7                9.1               18.7
## 193                 0.7                9.1               18.7
## 194                1.44 17.899999999999999               19.7
## 195                1.44 17.899999999999999               19.7
## 196  1.0900000000000001               28.7               13.5
## 197                0.65 16.100000000000001               16.2
## 198                3.19               25.8                 19
## 199  2.0699999999999998                 34               23.9
## 200                1.87               30.3               23.5
## 201                1.83 34.299999999999997               20.7
## 202                0.86               26.3               16.5
## 203                0.86               26.3               16.5
## 204                1.19 18.899999999999999               15.2
## 205                1.19 18.899999999999999               15.2
## 206                0.59               21.3               10.3
## 207                   1               17.8               19.5
## 208                2.15 32.299999999999997               22.2
## 209                0.75               30.3                 14
## 210                1.23               29.2               17.5
## 211                0.82 19.100000000000001               14.1
## 212 0.28999999999999998               12.7               14.2
## 213                1.04               27.9               21.6
## 214                1.63 20.100000000000001               21.7
## 215                1.62               17.3               18.3
## 216  1.1399999999999999               30.8               17.2
## 217                0.33                3.5               25.6
## 218                1.26               29.5               20.2
## 219                1.07               23.3 20.100000000000001
```

```
## 220                  1.06                  21.3                  11.2
## 221                  1.75                  27.9 16.600000000000001
## 222  2.5099999999999998 34.299999999999997                    28
## 223                  2.39                  34.9                  30.3
## 224                  0.88                  18.5                  21.4
## 225                  2.29                  25.2                  26.5
## 226  1.1000000000000001                    23                    20
## 227                  3.73                  33.4                  31.9
## 228                  0.27 9.300000000000007 17.399999999999999
## 229                  0.67                    24                    17
## 230                  0.93 17.399999999999999                  16.2
## 231                  1.27                  24.5                    18
## 232  1.1299999999999999                  28.5                  19.2
## 233                  0.89                  16.5                  13.4
## 234                  0.89                  16.5                  13.4
## 235                  0.89                  16.5                  13.4
## 236                  0.89                  16.5                  13.4
## 237                  0.89                  16.5                  13.4
## 238 0.55000000000000004                  22.7                  12.3
## 239                  0.43                   6.7                  12.8
## 240                  0.63                    14                  10.6
## 241                  0.88                    20                  12.7
## 242                  0.35                   7.3 16.100000000000001
## 243                  0.69                  17.5 16.600000000000001
## 244                  1.49                  21.9                  13.2
## 245                  1.49                  21.9                  13.2
## 246                     1                  21.5                  14.3
## 247                     1                  21.5                  14.3
## 248                  1.79                  26.4                  19.8
## 249                  1.79                  26.4                  19.8
## 250                  0.47                  15.2                    19
## 251                  0.76 19.600000000000001 17.100000000000001
## 252                   0.6                  26.8                  10.6
## 253                  0.42                  13.4                  12.4
## 254                  0.84                  19.3                  20.5
## 255                  0.08                   7.2                  13.8
## 256                  0.08                   7.2                  13.8
## 257                  0.08                   7.2                  13.8
## 258                  0.33                  14.1                  13.7
## 259                  0.33                  14.1                  13.7
## 260                  0.33                  14.1                  13.7
## 261                  1.66                  28.7                  20.3
## 262                  0.61                  21.3 18.399999999999999
## 263                   3.5                  35.1                  31.1
## 264 0.57999999999999996                  13.9                  15.1
## 265                  0.53 18.899999999999999                  12.8
## 266  1.1499999999999999                  16.3                    17
## 267  1.1399999999999999                  10.8                  11.8
## 268  1.1399999999999999                  10.8                  11.8
## 269  1.1399999999999999                  10.8                  11.8
## 270                  0.82                  15.8                  16.7
## 271                  0.82                  15.8                  16.7
## 272                  0.82                  15.8                  16.7
## 273                  2.02                  34.1                  28.6
```

```
## 274              2.17              27.8              31.5
## 275              2.17              32.9              27.9
## 276              0.63              16.7              18.3
## 277              3.03 35.799999999999997              31.4
## 278              0.38              13.3              13.8
## 279              0.61                19               9.4
## 280              0.91              27.2 16.899999999999999
## 281              1.06 19.100000000000001 17.100000000000001
## 282              1.52              24.9              21.9
## 283              2.74 34.799999999999997              21.4
## 284              0.26              15.6              12.9
## 285               0.6 18.899999999999999              15.1
## 286              1.02              25.8              20.2
## 287              1.19              21.9              16.8
## 288              0.84              23.7              15.7
## 289              0.62              15.4              16.7
## 290              0.77              16.3              12.5
## 291              0.16              16.2              11.5
## 292              0.45              19.5              11.4
## 293              0.67              15.3                23
## 294              1.36                34              27.1
## 295              1.96                26              15.3
## 296              0.96              19.2                17
## 297              0.75                24                12
## 298               0.8              24.5                20
## 299              1.36              15.2              24.6
## 300  1.1499999999999999              13.5              21.7
## 301              0.44              12.1              18.2
## 302              0.13               6.6 17.899999999999999
## 303              0.13               6.6 17.899999999999999
## 304              0.13               6.6 17.899999999999999
## 305                 1 18.399999999999999              13.7
## 306              0.88              16.8              21.1
## 307              0.71              17.5              19.5
## 308              1.27 20.100000000000001              19.5
## 309              0.33               7.8              15.1
## 310              0.81              13.6                20
## 311               2.6              33.4                25
## 312              0.91              20.8 18.600000000000001
## 313              0.96              24.8 18.399999999999999
## 314              1.63              23.2                25
## 315              2.77              33.4              33.5
## 316              1.31              20.9              23.8
## 317              0.85              14.4              17.2
## 318              3.22              32.6              27.2
## 319              0.89              19.7              16.5
## 320              0.72              25.5              16.5
## 321              1.75              31.9              23.4
## 322              2.23              35.5              24.7
## 323               0.6 18.399999999999999                20
## 324              0.79              14.8                19
## 325              1.57              31.2              13.9
## 326               0.5              14.5              13.7
## 327              0.83              21.9              15.9
```

```
## 328              0.71                16 17.399999999999999
## 329              0.17               9.5                12.8
## 330              1.02              24.2 9.1999999999999993
## 331              0.67 18.100000000000001                21.4
## 332              0.33 9.8000000000000007                13.6
## 333              1.43              29.5                20.9
## 334 0.56999999999999995              22.6                16.5
## 335               0.8               9.1                  26
## 336              0.38                17                11.6
## 337              0.84              25.2                14.5
## 338              0.73              20.3                12.1
## 339 0.57999999999999996                12                14.7
## 340              1.28              32.4                14.3
## 341              0.41              12.1                11.9
## 342                 2 33.299999999999997                26.5
## 343                 2 33.299999999999997                26.5
## 344                 2 33.299999999999997                26.5
## 345  2.5499999999999998              33.5                29.8
## 346  2.5499999999999998              33.5                29.8
## 347  2.5499999999999998              33.5                29.8
## 348               3.5              27.8                26.3
## 349               3.5              27.8                26.3
## 350               3.5              27.8                26.3
## 351              1.28              26.9                17.5
## 352              2.63              31.1                22.9
## 353              1.17              31.6                 9.6
## 354               0.3               9.6 9.8000000000000007
## 355               0.3               9.6 9.8000000000000007
## 356              1.36              25.6 20.399999999999999
## 357              1.27              30.7                22.1
## 358              1.08 17.399999999999999                23.5
## 359              2.23              31.4                22.6
## 360                 1                18                19.8
## 361              1.63              23.6                23.2
## 362              0.06                 2                13.1
## 363              0.06                 2                13.1
## 364              1.88              26.8                16.3
## 365              1.22              26.7                13.4
## 366  2.2000000000000002              24.2                20.5
## 367                 1 19.399999999999999                  25
## 368              1.28              31.3                21.8
## 369              0.85              20.8                  21
## 370              0.69 16.600000000000001                13.2
## 371              1.83              30.4                24.2
## 372              1.59              34.4                20.5
## 373              0.92              18.2 19.399999999999999
## 374              0.92              18.2 19.399999999999999
## 375              0.92              18.2 19.399999999999999
## 376              1.24              23.7                19.7
## 377              1.24              23.7                19.7
## 378              1.24              23.7                19.7
## 379               0.8              19.2                16.7
## 380              0.91 19.399999999999999                25.6
## 381              0.23               7.3                19.7
```

```
## 382                3.38                   37.6                    29.3
## 383                1.31                   28.9                    19.3
## 384                0.46                    6.8                    22.7
## 385                0.99                   19.2                    22.5
## 386                0.17                    3.5                    11.6
## 387                1.34                   30.3 18.399999999999999
## 388                1.05                   21.1                    16.5
## 389                0.93                   26.9                    14.2
## 390  1.1299999999999999                   31.4 16.600000000000001
## 391                0.84                   27.5                    11.8
## 392                1.85                   23.4                    17.7
## 393                1.44                   14.9                    16.2
## 394                1.44                   14.9                    16.2
## 395  2.2200000000000002 20.399999999999999                    18.3
## 396  2.2200000000000002 20.399999999999999                    18.3
## 397                1.93                   22.8                    30.1
## 398                1.93                   22.8                    30.1
## 399                1.93                   22.8                    30.1
## 400                 1.4                   26.8                    24.3
## 401                 1.4                   26.8                    24.3
## 402                 1.4                   26.8                    24.3
## 403                1.59                   29.3                    24.1
## 404                1.87                   34.5                    24.4
## 405                1.63                   26.1                      16
## 406                2.67                   28.5                    29.1
## 407                3.44                     36                    24.1
## 408                2.78 35.299999999999997                    29.7
## 409                0.79                     23                    16.7
## 410  2.3199999999999998 35.799999999999997                    26.4
## 411                2.98                   32.4                    20.2
## 412                0.67                   17.3                    18.3
## 413                   2                   32.9 18.399999999999999
## 414                0.33 9.1999999999999993                      22
## 415                0.33 9.1999999999999993                      22
## 416                0.33 9.1999999999999993                      22
## 417                1.25 19.600000000000001                    18.8
## 418                1.25 19.600000000000001                    18.8
## 419                1.25 19.600000000000001                    18.8
## 420                0.93                     21                    15.8
## 421                0.26                    5.8                    17.2
## 422                0.45                   21.1                     8.6
## 423 0.57999999999999996                   12.5                    15.9
## 424                0.99                   21.4                    15.5
## 425                0.21                     13                    18.3
## 426                1.41                   29.2 16.399999999999999
## 427                2.67 35.799999999999997                    30.8
## 428                1.02                   27.3                      13
## 429                0.18 5.0999999999999996                    15.2
## 430                0.18 5.0999999999999996                    15.2
## 431                0.98                   24.5                      15
## 432  1.0900000000000001                   24.9                    16.8
## 433                0.23                    7.4                      16
## 434                0.42                    7.1                    24.4
## 435  1.1499999999999999                   23.8                    14.8
```

```
## 436                        0.49                 20                     9.4
## 437                        0.37                 11                    15.9
## 438                        1.17               20.9                      11
## 439                         3.2 33.799999999999997                    29.1
## 440                        0.76               30.8 20.100000000000001
## 441                        0.71               31.8                    22.9
## 442                        1.03                 30                     7.7
## 443                        0.35               19.8                     5.8
## 444                        1.43                 31 16.399999999999999
## 445                        0.83               17.8                    12.3
## 446                        1.83               36.5                    23.9
## 447                        0.35                 17                    14.3
## 448                        0.68               13.1 19.100000000000001
## 449                        0.48               19.2                    12.9
## 450                        0.84                 15                    18.3
## 451                           1                6.8 16.899999999999999
## 452                        1.18                 26                    18.2
## 453   2.0499999999999998               31.8                    26.1
## 454   2.0499999999999998               31.8                    26.1
## 455                        3.53 32.200000000000003                    31.7
## 456                        0.95                 16                      16
## 457                        0.95                 16                      16
## 458                        1.55               19.5 18.100000000000001
## 459                        1.55               19.5 18.100000000000001
## 460                           1               29.4                    21.5
## 461                           2               30.5 19.399999999999999
## 462                        0.38               14.5                    12.7
## 463                         0.5                6.1                    18.7
## 464                         4.8               36.4                    30.3
## 465   2.2599999999999998               31.2                    22.5
## 466                        1.25               29.5                    22.4
## 467   1.1100000000000001               15.2                    23.5
## 468                        1.76 33.299999999999997                    23.3
## 469                        0.89 18.100000000000001                    12.3
## 470   1.1499999999999999               21.6                    15.3
## 471                        1.57               21.9                    26.5
## 472                        1.71               21.1                    24.3
## 473                        2.74 33.200000000000003                    29.8
## 474                        1.38               27.9                    14.9
## 475                        1.03               16.5                    14.9
## 476                        1.54               21.4                    23.8
## 477                        1.95 32.299999999999997                    25.9
## 478                        1.33               29.2                    15.8
## 479                         1.3               25.8 17.100000000000001
## 480                           2               24.3                    22.3
## 481   4.1399999999999997 33.700000000000003                      33
## 482                        1.06               20.9                    18.3
## 483   1.1299999999999999               22.3                    15.2
##              Free throw%       three-point % effective shooting %
## 1   0.50900000000000001                   0  0.54400000000000004
## 2   0.44400000000000001                   0  0.61399999999999999
## 3   0.79900000000000004                0.25  0.57099999999999995
## 4   0.83799999999999997                0.36  0.51800000000000002
## 5                     1                 0.8  0.56299999999999994
```

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```
## 6  0.72699999999999998 0.34699999999999998               0.502
## 7  0.86799999999999999 0.39100000000000001 0.54700000000000004
## 8                0.754                   0 0.67700000000000005
## 9                0.754                   0 0.67700000000000005
## 10               0.754                   0 0.67700000000000005
## 11                0.69               0.316 0.61599999999999999
## 12                0.69               0.316 0.61599999999999999
## 13                0.69               0.316 0.61599999999999999
## 14 0.78300000000000003                0.36                0.54
## 15 0.68500000000000005 0.30299999999999999                 0.6
## 16                0.51 0.24099999999999999 0.51500000000000001
## 17 0.89100000000000001 0.40899999999999997 0.50600000000000001
## 18 0.83199999999999996 0.33700000000000002 0.44900000000000001
## 19 0.78400000000000003 0.39800000000000002 0.58099999999999996
## 20                0.65               0.373 0.52600000000000002
## 21                0.65               0.373 0.52600000000000002
## 22                0.65               0.373 0.52600000000000002
## 23                 0.9                0.38               0.497
## 24 0.90700000000000003 0.38600000000000001 0.53600000000000003
## 25 0.64400000000000002               0.315               0.502
## 26 0.76900000000000002                 0.2               0.629
## 27                 0.8                   0 0.44400000000000001
## 28 0.57499999999999996 0.34300000000000003 0.54200000000000004
## 29 0.75800000000000001 0.35199999999999998               0.504
## 30 0.78100000000000003               0.378 0.53700000000000003
## 31 0.68200000000000005 0.32200000000000001 0.53500000000000003
## 32 0.81599999999999995               0.432 0.58599999999999997
## 33                0.83 0.39100000000000001 0.57499999999999996
## 34               0.746 0.40100000000000002                 0.5
## 35 0.78500000000000003 0.38100000000000001 0.50700000000000001
## 36 0.66700000000000004 0.29399999999999998 0.48499999999999999
## 37 0.82799999999999996 0.40600000000000003 0.59699999999999998
## 38 0.82799999999999996 0.40600000000000003 0.59699999999999998
## 39 0.69199999999999995 0.40799999999999997 0.54500000000000004
## 40 0.70199999999999996 0.28999999999999998 0.45600000000000002
## 41 0.88900000000000001 0.34899999999999998 0.53200000000000003
## 42                0.85 0.39900000000000002 0.54700000000000004
## 43 0.68200000000000005 0.26400000000000001 0.54400000000000004
## 44 0.68200000000000005 0.26400000000000001 0.54400000000000004
## 45                 0.8 0.39700000000000002 0.55000000000000004
## 46 0.84399999999999997                0.38                0.53
## 47 0.74099999999999999                0.19 0.45900000000000002
## 48 0.63600000000000001 0.28999999999999998 0.58199999999999996
## 49 0.73799999999999999               0.253 0.47899999999999998
## 50 0.44800000000000001                   0 0.58699999999999997
## 51 0.44800000000000001                   0 0.58699999999999997
## 52 0.76200000000000001 0.29299999999999998 0.51700000000000002
## 53 0.55600000000000005                0.37 0.54300000000000004
## 54 0.68700000000000006 0.34100000000000003               0.503
## 55 0.66700000000000004               0.375 0.50900000000000001
## 56               0.625 0.27700000000000002 0.45100000000000001
## 57 0.86699999999999999                0.34 0.53300000000000003
## 58 0.78800000000000003 0.38300000000000001 0.59499999999999997
## 59 0.77800000000000002 0.42099999999999999 0.59099999999999997
```

```
## 60  0.83299999999999996                0.27  0.39500000000000002
## 61  0.63600000000000001                   0               0.68
## 62  0.70499999999999996                   0  0.65600000000000003
## 63  0.86699999999999999                 0.4  0.59599999999999997
## 64                  0.84  0.42499999999999999  0.64400000000000002
## 65  0.86399999999999999  0.38800000000000001  0.52700000000000002
## 66  0.81499999999999995  0.34399999999999997  0.48099999999999998
## 67  0.66700000000000004  0.30399999999999999  0.44900000000000001
## 68  0.83299999999999996  0.33300000000000002               0.6
## 69  0.73499999999999999  0.28799999999999998  0.57599999999999996
## 70  0.76400000000000001  0.39800000000000002  0.55800000000000005
## 71  0.61899999999999999                   0  0.54300000000000004
## 72  0.80600000000000005  0.42299999999999999  0.58499999999999996
## 73  0.79500000000000004  0.40500000000000003  0.58799999999999997
## 74  0.66700000000000004  0.42899999999999999  0.69799999999999995
## 75  0.90900000000000003                0.41  0.58699999999999997
## 76  0.89500000000000002  0.35399999999999998               0.51
## 77  0.85599999999999998  0.41499999999999998  0.52200000000000002
## 78  0.86299999999999999               0.245  0.51400000000000001
## 79  0.86599999999999999                0.41  0.55200000000000005
## 80                 0.879  0.35199999999999998             0.502
## 81  0.57299999999999995                   0  0.59499999999999997
## 82  0.81799999999999995  0.14299999999999999  0.51400000000000001
## 83  0.73899999999999999  0.36399999999999999  0.52800000000000002
## 84  0.72099999999999997  0.24099999999999999              0.51
## 85  0.57099999999999995               0.371  0.54700000000000004
## 86  0.61299999999999999               0.246  0.41699999999999998
## 87  0.64500000000000002  0.40100000000000002  0.52600000000000002
## 88                   0.5                 0.2  0.39300000000000002
## 89                   0.5                 0.2  0.39300000000000002
## 90                   0.5                 0.2  0.39300000000000002
## 91                   0.5                 0.2  0.39300000000000002
## 92                  0.69                0.26  0.53700000000000003
## 93                   0.8  0.28699999999999998  0.42399999999999999
## 94                     0                   0               <NA>
## 95                     0                   0                 0
## 96  0.89600000000000002  0.34699999999999998  0.52200000000000002
## 97  0.83299999999999996  0.39900000000000002              0.61
## 98  0.85199999999999998  0.41199999999999998  0.55200000000000005
## 99  0.77500000000000002               0.371  0.56499999999999995
## 100                 0.746  0.33600000000000002  0.46899999999999997
## 101                 0.746  0.33600000000000002  0.46899999999999997
## 102                 0.746  0.33600000000000002  0.46899999999999997
## 103                 0.746  0.33600000000000002  0.46899999999999997
## 104  0.68200000000000005  0.42099999999999999  0.57899999999999996
## 105  0.68200000000000005  0.42099999999999999  0.57899999999999996
## 106  0.68200000000000005  0.42099999999999999  0.57899999999999996
## 107  0.68200000000000005  0.42099999999999999  0.57899999999999996
## 108  0.80600000000000005               0.379  0.53300000000000003
## 109                   0.5  0.36399999999999999  0.47799999999999998
## 110                   0.8  0.36899999999999999  0.58799999999999997
## 111                  0.76  0.38900000000000001  0.55500000000000005
## 112  0.60399999999999998               0.245  0.44900000000000001
## 113  0.89600000000000002                0.45  0.58199999999999996
```

```
## 114 0.91600000000000004 0.42099999999999999  0.60499999999999998
## 115 0.73799999999999999                 0.26  0.51200000000000001
## 116 0.83299999999999996                    0            0.432
## 117 0.88900000000000001 0.36099999999999999  0.51900000000000002
## 118 0.78400000000000003                0.372  0.54900000000000004
## 119                0.88 0.25700000000000001            0.505
## 120               0.629 0.29299999999999998            0.502
## 121 0.66200000000000003                 0.39  0.51400000000000001
## 122 0.88400000000000001 0.47899999999999998            0.625
## 123 0.83299999999999996                0.318  0.59099999999999997
## 124                   1 0.28599999999999998            0.438
## 125 0.71799999999999997                0.379  0.52800000000000002
## 126 0.74399999999999999 0.34300000000000003  0.47499999999999998
## 127 0.70299999999999996 0.22600000000000001  0.42599999999999999
## 128 0.63600000000000001                0.315  0.48399999999999999
## 129 0.59699999999999998                    0  0.47399999999999998
## 130 0.60499999999999998                    0  0.53100000000000003
## 131 0.88200000000000001                 0.45  0.60799999999999998
## 132 0.77600000000000002 0.32900000000000001  0.48799999999999999
## 133 0.73299999999999998 0.20599999999999999            0.432
## 134                 0.8 0.42199999999999999  0.61199999999999999
## 135 0.85899999999999999                0.377  0.54500000000000004
## 136 0.72599999999999998                    1  0.57099999999999995
## 137 0.73799999999999999                    0  0.63800000000000001
## 138 0.68200000000000005                    0  0.40899999999999997
## 139 0.75600000000000001 0.39400000000000002              0.6
## 140 0.80400000000000005 0.32100000000000001  0.45200000000000001
## 141 0.79700000000000004 0.38800000000000001  0.56000000000000005
## 142 0.71399999999999997 0.46300000000000002  0.57599999999999996
## 143 0.71899999999999997 0.32200000000000001  0.52300000000000002
## 144 0.89500000000000002                 0.25  0.41299999999999998
## 145 0.65900000000000003                    0             0.69
## 146 0.67200000000000004                    0  0.68100000000000005
## 147 0.92500000000000004 0.40600000000000003  0.54200000000000004
## 148 0.84799999999999998 0.39500000000000002  0.51700000000000002
## 149 0.80400000000000005 0.38100000000000001            0.505
## 150 0.86799999999999999 0.41099999999999998  0.55700000000000005
## 151 0.72699999999999998                  0.2  0.63600000000000001
## 152 0.80800000000000005 0.41799999999999998  0.57099999999999995
## 153 0.81299999999999994 0.29199999999999998  0.55800000000000005
## 154               0.623                    0  0.67500000000000004
## 155 0.65100000000000002                0.311  0.44800000000000001
## 156               0.629                0.375  0.50900000000000001
## 157 0.70499999999999996 0.26600000000000001  0.54100000000000004
## 158 0.82499999999999996 0.32900000000000001  0.52700000000000002
## 159 0.84199999999999997                0.375             0.51
## 160 0.84499999999999997                 0.35  0.49099999999999999
## 161 0.77500000000000002 0.40500000000000003  0.57199999999999995
## 162 0.79500000000000004                 0.27  0.49199999999999999
## 163 0.80700000000000005 0.39900000000000002  0.56799999999999995
## 164 0.66700000000000004                0.318  0.59899999999999998
## 165                   1                0.375              0.5
## 166 0.77600000000000002 0.41199999999999998             0.59
## 167 0.56499999999999995                 0.16  0.47299999999999998
```

```
## 168                 0.71               0.315 0.45300000000000001
## 169                 0.71               0.315 0.45300000000000001
## 170 0.78200000000000003 0.38300000000000001 0.57399999999999995
## 171 0.78200000000000003 0.38300000000000001 0.57399999999999995
## 172                  0.8 0.28299999999999997 0.40300000000000002
## 173                  0.8 0.28299999999999997 0.40300000000000002
## 174                 0.77 0.32800000000000001 0.51300000000000001
## 175 0.85699999999999998 0.40899999999999997 0.56899999999999995
## 176                 0.75 0.27800000000000002 0.45800000000000002
## 177 0.65700000000000003 0.31900000000000001 0.48199999999999998
## 178 0.81599999999999995 0.39100000000000001 0.56000000000000005
## 179 0.88300000000000001 0.34699999999999998 0.53700000000000003
## 180 0.88300000000000001 0.34699999999999998 0.53700000000000003
## 181 0.88300000000000001 0.34699999999999998 0.53700000000000003
## 182 0.85599999999999998 0.36599999999999999 0.55100000000000005
## 183 0.85599999999999998 0.36599999999999999 0.55100000000000005
## 184 0.85599999999999998 0.36599999999999999 0.55100000000000005
## 185                    0 0.45500000000000002 0.57699999999999996
## 186 0.80500000000000005               0.247                 0.48
## 187 0.70699999999999996                   0                0.622
## 188 0.73299999999999998                0.32 0.51900000000000002
## 189                0.875 0.36399999999999999 0.42899999999999999
## 190 0.77800000000000002 0.47499999999999998 0.65400000000000003
## 191 0.89200000000000002 0.39400000000000002 0.55600000000000005
## 192 0.61099999999999999                   0 0.51300000000000001
## 193 0.61099999999999999                   0 0.51300000000000001
## 194 0.68600000000000005 0.33300000000000002 0.59299999999999997
## 195 0.68600000000000005 0.33300000000000002 0.59299999999999997
## 196 0.77500000000000002 0.32600000000000001 0.53200000000000003
## 197 0.77500000000000002 0.42899999999999999 0.63600000000000001
## 198 0.82399999999999995 0.27800000000000002 0.40300000000000002
## 199 0.84299999999999997 0.41499999999999998 0.53700000000000003
## 200 0.80300000000000005                0.36 0.51600000000000001
## 201 0.84599999999999997 0.39100000000000001 0.54800000000000004
## 202                 0.84 0.38600000000000001                  0.6
## 203                 0.84 0.38600000000000001                  0.6
## 204                 0.76 0.39100000000000001                  0.5
## 205                 0.76 0.39100000000000001                  0.5
## 206 0.76100000000000001 0.32100000000000001 0.47099999999999997
## 207 0.81899999999999995 0.36799999999999999 0.46700000000000003
## 208 0.78700000000000003 0.39200000000000002 0.56999999999999995
## 209 0.78800000000000003 0.38200000000000001 0.55100000000000005
## 210 0.79400000000000004               0.182 0.63800000000000001
## 211                 0.75 0.29799999999999999 0.42499999999999999
## 212 0.93799999999999994                0.31                0.432
## 213 0.81799999999999995 0.36799999999999999 0.52800000000000002
## 214 0.77500000000000002 0.28199999999999997                0.497
## 215 0.57599999999999996                0.25 0.59599999999999997
## 216 0.78100000000000003 0.36299999999999999 0.52800000000000002
## 217                 0.75 0.34799999999999998 0.46700000000000003
## 218 0.85899999999999999 0.32600000000000001 0.54600000000000004
## 219 0.81100000000000005 0.33900000000000002 0.56299999999999994
## 220 0.65800000000000003                0.33                0.504
## 221 0.84399999999999997 0.45100000000000001 0.65200000000000002
```

```
## 222                0.878 0.3810000000000001 0.5310000000000003
## 223 0.9220000000000004 0.4020000000000002 0.57599999999999996
## 224 0.8129999999999994 0.40699999999999997 0.5610000000000005
## 225 0.7289999999999998                0.3 0.47199999999999998
## 226 0.8169999999999995                0.433 0.5540000000000005
## 227 0.6979999999999995 0.36499999999999999 0.57699999999999996
## 228                 0.75 0.36799999999999999 0.5080000000000001
## 229 0.8469999999999998 0.34899999999999998 0.5410000000000004
## 230 0.5859999999999997                0.25 0.5140000000000001
## 231 0.5959999999999997 0.2670000000000002 0.47799999999999998
## 232                 0.74 0.3310000000000002 0.5220000000000002
## 233                 0.8 0.3280000000000001 0.47899999999999998
## 234                 0.8 0.3280000000000001 0.47899999999999998
## 235                 0.8 0.3280000000000001 0.47899999999999998
## 236                 0.8 0.3280000000000001 0.47899999999999998
## 237                 0.8 0.3280000000000001 0.47899999999999998
## 238 0.6480000000000002                0.316 0.5540000000000005
## 239 0.5450000000000004                  0                 0.5
## 240 0.9170000000000004                  0 0.94099999999999995
## 241 0.7139999999999997                0.25 0.6640000000000003
## 242 0.8950000000000002                 0.6 0.49399999999999999
## 243 0.9110000000000003 0.3210000000000001 0.48499999999999999
## 244                  0.5                  0                0.76
## 245                  0.5                  0                0.76
## 246 0.7660000000000001                0.33 0.5060000000000001
## 247 0.7660000000000001                0.33 0.5060000000000001
## 248                0.878 0.36799999999999999 0.5450000000000004
## 249                0.878 0.36799999999999999 0.5450000000000004
## 250 0.6169999999999999 0.36499999999999999 0.5310000000000003
## 251 0.8389999999999997 0.4460000000000001 0.59699999999999998
## 252 0.9190000000000004                0.41 0.57999999999999996
## 253 0.8329999999999996                0.375 0.57599999999999996
## 254 0.7319999999999998                0.375                0.52
## 255                  0.5 0.2610000000000001 0.4440000000000001
## 256                  0.5 0.2610000000000001 0.4440000000000001
## 257                  0.5 0.2610000000000001 0.4440000000000001
## 258                  0.5                0.25 0.5340000000000003
## 259                  0.5                0.25 0.5340000000000003
## 260                  0.5                0.25 0.5340000000000003
## 261 0.6909999999999995 0.36099999999999999 0.5330000000000003
## 262 0.9469999999999995 0.4060000000000003 0.5290000000000003
## 263 0.8489999999999998 0.4189999999999998 0.59599999999999997
## 264 0.7029999999999996 0.29499999999999998 0.5570000000000005
## 265 0.9090000000000003 0.3970000000000002 0.60799999999999998
## 266 0.6850000000000005 0.34799999999999998                0.49
## 267                  0.5                 0.5                0.65
## 268                  0.5                 0.5                0.65
## 269                  0.5                 0.5                0.65
## 270 0.6360000000000001 0.2630000000000001                0.629
## 271 0.6360000000000001 0.2630000000000001                0.629
## 272 0.6360000000000001 0.2630000000000001                0.629
## 273 0.8850000000000001 0.3980000000000002 0.56799999999999995
## 274 0.7650000000000001 0.34899999999999998                0.49
## 275 0.8219999999999995                0.318 0.49299999999999999
```

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```
## 276 0.84299999999999997 0.33300000000000002  0.44500000000000001
## 277 0.92700000000000005 0.39100000000000001  0.55400000000000005
## 278                 0.8                 0.35  0.55100000000000005
## 279 0.64600000000000002 0.23499999999999999  0.55800000000000005
## 280 0.84499999999999997 0.33800000000000002  0.57699999999999996
## 281 0.72299999999999998 0.27800000000000002                 0.64
## 282 0.82399999999999995 0.36499999999999999  0.52200000000000002
## 283               0.875 0.39600000000000002  0.54600000000000004
## 284 0.65200000000000002                 0.35  0.55600000000000005
## 285                0.83 0.41799999999999998  0.56299999999999994
## 286 0.82599999999999996 0.40200000000000002  0.59499999999999997
## 287 0.70699999999999996 0.34899999999999998  0.46200000000000002
## 288 0.71399999999999997 0.36499999999999999  0.56399999999999995
## 289 0.64100000000000001                0.248                0.436
## 290 0.58099999999999996 0.27600000000000002  0.48399999999999999
## 291 0.88400000000000001 0.38400000000000001  0.56999999999999995
## 292 0.85399999999999998 0.33500000000000002  0.48399999999999999
## 293               0.871 0.30099999999999999                0.498
## 294 0.81200000000000006 0.40200000000000002  0.55400000000000005
## 295 0.68799999999999994                0.313  0.57399999999999995
## 296 0.70299999999999996 0.33300000000000002                 0.53
## 297                 0.6 0.36399999999999999  0.54500000000000004
## 298 0.81599999999999995 0.38800000000000001  0.61599999999999999
## 299 0.65500000000000003                 0.25  0.53300000000000003
## 300 0.66700000000000004                   0  0.47799999999999998
## 301                0.75 0.45800000000000002  0.60699999999999998
## 302 0.55600000000000005                 0.41  0.60199999999999998
## 303 0.55600000000000005                 0.41  0.60199999999999998
## 304 0.55600000000000005                 0.41  0.60199999999999998
## 305 0.76700000000000002 0.35899999999999999  0.48099999999999998
## 306 0.71899999999999997 0.33100000000000002                 0.48
## 307 0.76200000000000001 0.36799999999999999  0.53900000000000003
## 308 0.80400000000000005 0.41199999999999998  0.54800000000000004
## 309                   1 0.44700000000000001                 0.59
## 310 0.72099999999999997 0.35099999999999998  0.54500000000000004
## 311 0.89800000000000002 0.41399999999999998  0.54600000000000004
## 312 0.72399999999999998 0.34300000000000003  0.53700000000000003
## 313                0.91                0.374  0.54300000000000004
## 314                0.83                 0.35                0.503
## 315 0.84499999999999997 0.38600000000000001                 0.52
## 316 0.81899999999999995 0.40100000000000002                 0.54
## 317 0.85699999999999998                0.314                  0.5
## 318 0.72799999999999998 0.30299999999999999  0.48699999999999999
## 319                0.72                0.311  0.49099999999999999
## 320 0.79500000000000004 0.38100000000000001  0.54700000000000004
## 321 0.79100000000000004                0.317  0.48499999999999999
## 322 0.86899999999999999 0.40799999999999997  0.55900000000000005
## 323 0.91700000000000004                 0.37  0.57299999999999995
## 324 0.75700000000000001 0.41899999999999998  0.56899999999999995
## 325 0.61199999999999999                 0.36  0.54600000000000004
## 326 0.78600000000000003                 0.37  0.55100000000000005
## 327 0.88200000000000001                 0.39  0.53900000000000003
## 328 0.95699999999999996 0.42499999999999999                 0.59
## 329                 0.8 0.42099999999999999  0.61399999999999999
```

```
## 330 0.71399999999999997                    0 0.61199999999999999
## 331 0.81799999999999995 0.33300000000000002            0.499
## 332 0.44400000000000001 0.47899999999999998 0.51300000000000001
## 333 0.93300000000000005 0.38100000000000001 0.57799999999999996
## 334 0.69099999999999995                 0.27 0.52800000000000002
## 335                 0.76 0.45200000000000001 0.56299999999999994
## 336                 0.75 0.36699999999999999 0.53400000000000003
## 337                 0.75 0.34799999999999998 0.49199999999999999
## 338 0.76900000000000002 0.26900000000000002 0.45900000000000002
## 339 0.63200000000000001                    0 0.64400000000000002
## 340 0.72599999999999998 0.28999999999999998 0.47599999999999998
## 341 0.53300000000000003                 0.24            0.438
## 342                 0.73 0.36199999999999999            0.503
## 343                 0.73 0.36199999999999999            0.503
## 344                 0.73 0.36199999999999999            0.503
## 345 0.78300000000000003                 0.32 0.47099999999999997
## 346 0.78300000000000003                 0.32 0.47099999999999997
## 347 0.78300000000000003                 0.32 0.47099999999999997
## 348 0.66700000000000004 0.23499999999999999 0.41899999999999998
## 349 0.66700000000000004 0.23499999999999999 0.41899999999999998
## 350 0.66700000000000004 0.23499999999999999 0.41899999999999998
## 351 0.77500000000000002                0.318 0.53300000000000003
## 352 0.84399999999999997 0.39200000000000002            0.621
## 353 0.84799999999999998 0.38500000000000001 0.57999999999999996
## 354 0.83299999999999996 0.34100000000000003            0.505
## 355 0.83299999999999996 0.34100000000000003            0.505
## 356                  0.8 0.30599999999999999 0.45800000000000002
## 357 0.69499999999999995                0.316            0.501
## 358 0.71299999999999997 0.33300000000000002 0.52700000000000002
## 359 0.93400000000000005 0.39500000000000002 0.55700000000000005
## 360 0.89300000000000002                 0.44 0.57599999999999996
## 361 0.68200000000000005 0.28599999999999998 0.45500000000000002
## 362                    0                    0            0.111
## 363                    0                    0            0.111
## 364 0.66900000000000004                    0 0.61599999999999999
## 365 0.50800000000000001                    0 0.61599999999999999
## 366 0.73799999999999999 0.28000000000000003 0.41199999999999998
## 367 0.88200000000000001 0.35099999999999998 0.53500000000000003
## 368 0.79100000000000004 0.44500000000000001 0.64600000000000002
## 369                 0.74 0.47099999999999997 0.58399999999999996
## 370 0.78200000000000003 0.23799999999999999 0.63100000000000001
## 371 0.86499999999999999                0.439 0.60199999999999998
## 372                 0.88 0.36099999999999999 0.51800000000000002
## 373 0.88900000000000001 0.35099999999999998 0.49299999999999999
## 374 0.88900000000000001 0.35099999999999998 0.49299999999999999
## 375 0.88900000000000001 0.35099999999999998 0.49299999999999999
## 376 0.83699999999999997 0.41499999999999998            0.496
## 377 0.83699999999999997 0.41499999999999998            0.496
## 378 0.83699999999999997 0.41499999999999998            0.496
## 379 0.88900000000000001 0.41099999999999998 0.56200000000000006
## 380 0.89100000000000001 0.38900000000000001            0.497
## 381                    1 0.26300000000000001 0.46100000000000002
## 382 0.81100000000000005 0.41099999999999998 0.51600000000000001
## 383 0.81699999999999995 0.26200000000000001 0.42799999999999999
```

```
## 384                0.5                   0 0.5380000000000003
## 385 0.69299999999999995 0.35099999999999998 0.57599999999999996
## 386 0.63600000000000001                   0 0.44400000000000001
## 387 0.91700000000000004                0.33              0.498
## 388 0.71399999999999997 0.36399999999999999 0.53300000000000003
## 389 0.70599999999999996               0.375 0.54100000000000004
## 390 0.82699999999999996 0.40799999999999997 0.61399999999999999
## 391 0.49099999999999999                   0 0.65300000000000002
## 392 0.74399999999999999 0.29399999999999998               0.52
## 393                0.5               0.378 0.47699999999999998
## 394                0.5               0.378 0.47699999999999998
## 395                  1               0.432 0.57599999999999996
## 396                  1               0.432 0.57599999999999996
## 397               0.84 0.33300000000000002 0.46500000000000002
## 398               0.84 0.33300000000000002 0.46500000000000002
## 399               0.84 0.33300000000000002 0.46500000000000002
## 400 0.88300000000000001 0.41099999999999998               0.53
## 401 0.88300000000000001 0.41099999999999998               0.53
## 402 0.88300000000000001 0.41099999999999998               0.53
## 403               0.87 0.33700000000000002 0.48499999999999999
## 404 0.81699999999999995 0.38900000000000001 0.54800000000000004
## 405 0.86699999999999999               0.308 0.45400000000000001
## 406 0.76500000000000001 0.38700000000000001 0.52300000000000002
## 407 0.73199999999999998 0.32100000000000001 0.56399999999999995
## 408 0.81499999999999995               0.371 0.51900000000000002
## 409 0.84599999999999997 0.38700000000000001 0.54900000000000004
## 410 0.82699999999999996 0.29699999999999999 0.49299999999999999
## 411 0.61299999999999999                 0.3 0.56000000000000005
## 412 0.80700000000000005 0.42699999999999999 0.56899999999999995
## 413               0.79                0.33 0.48899999999999999
## 414 0.83299999999999996                   0                0.2
## 415 0.83299999999999996                   0                0.2
## 416 0.83299999999999996                   0                0.2
## 417                0.7 0.34499999999999997 0.48499999999999999
## 418                0.7 0.34499999999999997 0.48499999999999999
## 419                0.7 0.34499999999999997 0.48499999999999999
## 420 0.57599999999999996 0.36699999999999999 0.46500000000000002
## 421 0.71399999999999997 0.23499999999999999               0.48
## 422                  1 0.56899999999999995 0.69599999999999995
## 423 0.72499999999999998                0.16 0.47099999999999997
## 424 0.69599999999999995 0.33300000000000002 0.57799999999999996
## 425 0.66700000000000004 0.33800000000000002 0.58799999999999997
## 426 0.69399999999999995               0.308 0.55300000000000005
## 427 0.86799999999999999 0.38600000000000001               0.53
## 428                0.8 0.33500000000000002              0.503
## 429 0.33300000000000002                   0              0.313
## 430 0.33300000000000002                   0              0.313
## 431 0.68700000000000006 0.34699999999999998 0.60899999999999999
## 432 0.65100000000000002 0.28100000000000003 0.56699999999999995
## 433 0.85699999999999998 0.41499999999999998 0.52400000000000002
## 434 0.85699999999999998 0.25600000000000001 0.47699999999999998
## 435 0.59199999999999997                   0 0.51800000000000002
## 436 0.44400000000000001 0.30099999999999999 0.50800000000000001
## 437 0.73099999999999998 0.30599999999999999 0.56000000000000005
```

```
## 438                    0.71 0.40200000000000002  0.66700000000000004
## 439 0.85899999999999999 0.38700000000000001  0.55500000000000005
## 440 0.77300000000000002 0.39700000000000002                   0.53
## 441 0.80600000000000005 0.35499999999999998  0.47899999999999998
## 442 0.78300000000000003                0.314  0.46899999999999997
## 443                     0.6 0.39400000000000002  0.53300000000000003
## 444 0.78200000000000003 0.33500000000000002  0.55700000000000005
## 445 0.55900000000000005                  0.2  0.60799999999999998
## 446 0.88500000000000001 0.36599999999999999  0.48899999999999999
## 447 0.84299999999999997 0.34699999999999998  0.49199999999999999
## 448                0.87                0.309  0.47599999999999998
## 449 0.76900000000000002 0.36599999999999999  0.55600000000000005
## 450 0.78800000000000003                 0.31  0.56100000000000005
## 451                 0.5 0.33300000000000002  0.35699999999999998
## 452               0.879                0.372                  0.495
## 453 0.89900000000000002                 0.36  0.51400000000000001
## 454 0.89900000000000002                 0.36  0.51400000000000001
## 455               0.749                0.317  0.45800000000000002
## 456 0.89300000000000002 0.21299999999999999                   0.39
## 457 0.89300000000000002 0.21299999999999999                   0.39
## 458 0.88900000000000001                0.125                   0.44
## 459 0.88900000000000001                0.125                   0.44
## 460                 0.8                    0  0.52900000000000003
## 461               0.745 0.38600000000000001  0.52100000000000002
## 462 0.82799999999999996                  0.4  0.53900000000000003
## 463 0.81299999999999994 0.16700000000000001  0.47099999999999997
## 464 0.65600000000000003                0.315  0.47399999999999998
## 465 0.90100000000000002 0.35899999999999999  0.50600000000000001
## 466 0.85099999999999998 0.34599999999999997                  0.503
## 467 0.51900000000000002                    0  0.56299999999999994
## 468 0.71399999999999997                 0.38  0.54300000000000004
## 469 0.58799999999999997                0.372  0.53400000000000003
## 470 0.57099999999999995 0.44400000000000001  0.59599999999999997
## 471 0.86599999999999999                0.378  0.47299999999999998
## 472                0.87 0.44400000000000001                  0.442
## 473 0.69799999999999995 0.29399999999999998  0.61599999999999999
## 474 0.72799999999999998 0.39100000000000001  0.53400000000000003
## 475 0.77800000000000002 0.33300000000000002  0.53400000000000003
## 476               0.628                0.316  0.53500000000000003
## 477 0.63100000000000001                0.374  0.57399999999999995
## 478 0.78900000000000003 0.34799999999999998  0.51700000000000002
## 479 0.83299999999999996 0.39800000000000002  0.53600000000000003
## 480               0.628 0.26700000000000002  0.56699999999999995
## 481 0.88600000000000001 0.34300000000000003                  0.499
## 482 0.71399999999999997 0.14299999999999999  0.56499999999999995
## 483 0.78900000000000003                 0.25  0.65400000000000003
##         True shooting %  Versatility_Index  Offensive Rating Defensive rating
## 1  0.55000000000000004                6.7            106.8             99.7
## 2  0.59599999999999997                7.3            119.7            107.8
## 3                0.626               11.6            121.7              105
## 4  0.54500000000000004                7.3            107.3              110
## 5  0.61099999999999999 8.3000000000000007            116.4            107.4
## 6  0.52200000000000002                7.7            100.5            106.5
## 7  0.58599999999999997                6.7            115.3            109.9
```

```
## 8                      0.73 8.8000000000000007            134.4            106.6
## 9                      0.73 8.8000000000000007            134.4            106.6
## 10                     0.73 8.8000000000000007            134.4            106.6
## 11  0.64900000000000002                 8            124.4            111.2
## 12  0.64900000000000002                 8            124.4            111.2
## 13  0.64900000000000002                 8            124.4            111.2
## 14  0.57799999999999996 9.3000000000000007            117.2            106.7
## 15  0.63300000000000001              14.8            121.1            102.2
## 16  0.52300000000000002               7.1            103.3            100.5
## 17  0.54800000000000004               6.5            111.4            111.1
## 18                    0.496 9.3000000000000007             98.4            109.4
## 19  0.60599999999999998               6.9            113.2            108.2
## 20  0.54100000000000004               7.1            117.6            105.3
## 21  0.54100000000000004               7.1            117.6            105.3
## 22  0.54100000000000004               7.1            117.6            105.3
## 23  0.54200000000000004               6.1            114.8            112.5
## 24  0.60399999999999998               8.6            118.2            115.2
## 25  0.51500000000000001               5.7            102.6            103.8
## 26  0.65300000000000002               7.8            127.1            102.8
## 27  0.59699999999999998                 0             <NA>             <NA>
## 28  0.55400000000000005               7.3            108.9            110.5
## 29  0.53900000000000003              11.5            107.3            104.2
## 30  0.55100000000000005 9.3000000000000007            109.8            109.5
## 31  0.55600000000000005               8.4            110.3            101.7
## 32                      0.6               6.5            114.7            107.5
## 33                    0.626               7.9            122.3            117.4
## 34  0.53500000000000003               7.7            106.2            104.7
## 35  0.53800000000000003                 7            106.8            111.4
## 36  0.51800000000000002               5.8            105.6            109.9
## 37  0.61699999999999999               6.4            124.1            107.9
## 38  0.61699999999999999               6.4            124.1            107.9
## 39  0.56399999999999995               6.8            101.3            100.5
## 40  0.49099999999999999               7.2             92.4            112.9
## 41  0.59299999999999997 9.6999999999999993            113.3            110.5
## 42  0.56999999999999995               7.2            108.8              115
## 43  0.56999999999999995               6.8            104.1            106.8
## 44  0.56999999999999995               6.8            104.1            106.8
## 45  0.57999999999999996               6.6            117.2            100.7
## 46  0.56599999999999995               6.3            111.5              110
## 47  0.51700000000000002               6.3            119.5            109.8
## 48  0.59599999999999997               7.3            122.4            108.5
## 49  0.52300000000000002               7.6            115.3             99.4
## 50  0.57399999999999995               6.2            111.5            105.6
## 51  0.57399999999999995               6.2            111.5            105.6
## 52  0.55500000000000005 8.8000000000000007            109.8              109
## 53  0.55000000000000004                 8              116             99.2
## 54  0.53200000000000003               7.3            107.8            112.2
## 55  0.53400000000000003               5.6             91.6              107
## 56  0.46100000000000002               4.7             89.4            102.2
## 57  0.58699999999999997               9.1            110.1            107.6
## 58  0.63400000000000001               7.7            127.2            103.3
## 59  0.60699999999999998               5.3            110.3            102.4
## 60  0.40899999999999997 4.9000000000000004             83.7            112.1
## 61  0.68300000000000005 8.1999999999999993 143.80000000000001             99.8
```

```
## 62  0.67600000000000005                    8.1         122.2      106.7
## 63                 0.625                    7.5         115.5      108.2
## 64  0.66800000000000004                    6.1          131       110.7
## 65  0.56100000000000005                   10.1          113       112.1
## 66  0.51500000000000001                    6.5         101.2       104
## 67  0.47099999999999997                    6.5          92.5      106.1
## 68  0.61599999999999999                    5.4         122.1      106.6
## 69  0.60399999999999998                    7.6         123.9       105
## 70  0.58599999999999997 9.1999999999999993  111.6      107.3
## 71  0.56999999999999995 4.5999999999999996  116.6      103.5
## 72  0.59799999999999998                    6.1         114.1      110.1
## 73  0.61799999999999999                    8.5          123       110.7
## 74  0.70399999999999996                    7.5         131.1      104.9
## 75  0.60599999999999998 5.0999999999999996  118.4      105.2
## 76  0.54400000000000004                    5.4          110       110.7
## 77  0.56399999999999995                    7.9         113.5      102.9
## 78  0.60699999999999998                   12.1          127       107.8
## 79                  0.59                    5.2         113.9      105.5
## 80  0.55800000000000005                    6.5         116.1      105.9
## 81  0.60199999999999998                    7.4         124.3      103.3
## 82  0.56299999999999994 4.5999999999999996  107.1       104
## 83  0.57799999999999996 9.300000000000007   114.8      100.9
## 84  0.54900000000000004 8.300000000000007   111.8       106
## 85  0.54800000000000004                    6.5         115.1      106.7
## 86  0.44900000000000001                    8.5          92.3      106.7
## 87  0.54700000000000004                    7.1         105.9      100.3
## 88  0.41199999999999998                   10.4          87.7       97.5
## 89  0.41199999999999998                   10.4          87.7       97.5
## 90  0.41199999999999998                   10.4          87.7       97.5
## 91  0.41199999999999998                   10.4          87.7       97.5
## 92  0.56000000000000005                    7.5         118.6      107.7
## 93                 0.439                    4.7          96.9      112.9
## 94                  <NA>                      0         <NA>       <NA>
## 95                     0                      0          56.9      100.4
## 96  0.54900000000000004                    8.5         108.9      105.2
## 97  0.64500000000000002                    7.4         124.3      104.1
## 98  0.58899999999999997                    9.5         122.3      104.6
## 99  0.57799999999999996                      6         120.2      107.6
## 100 0.51100000000000001                   11.1         101.7       97.7
## 101 0.51100000000000001                   11.1         101.7       97.7
## 102 0.51100000000000001                   11.1         101.7       97.7
## 103 0.51100000000000001                   11.1         101.7       97.7
## 104 0.59699999999999998 10.19999999999999   106.1        92
## 105 0.59699999999999998 10.19999999999999   106.1        92
## 106 0.59699999999999998 10.19999999999999   106.1        92
## 107 0.59699999999999998 10.19999999999999   106.1        92
## 108 0.55300000000000005                    5.7         112.2      107.8
## 109                 0.48                    6.3         112.3      101.2
## 110 0.60299999999999998                    6.9         121.2      102.9
## 111 0.57399999999999995                    6.7         112.9      106.4
## 112 0.47599999999999998                    6.1          95.3      106.6
## 113 0.60699999999999998                      6         117.7      107.7
## 114 0.65500000000000003                   11.8         118.8      108.6
## 115 0.55600000000000005                     10          110       103.1
```

```
## 116 0.48699999999999999                    6.5            127.7          95.9
## 117 0.53700000000000003                    6.7            100.6         107.2
## 118 0.56999999999999995                    7.4            106.5           111
## 119 0.59099999999999997 10.199999999999999  121.6         110.7
## 120 0.53600000000000003                    8.9            105.8         104.3
## 121 0.54900000000000004                    7.2            104.5         103.6
## 122 0.68200000000000005                    8.5            126.8         102.2
## 123 0.64800000000000002                      9            125.2         103.7
## 124 0.53600000000000003 8.3000000000000007   102           108.5
## 125 0.54200000000000004 8.3000000000000007   111.1         107.3
## 126 0.51300000000000001                    5.9             99.9         109.3
## 127 0.45900000000000002                    5.7             92.5         105.1
## 128               0.503                    6.8            103.5         107.8
## 129                 0.5                   11.8             96.9         100.8
## 130 0.55400000000000005                    8.9            106.1          89.5
## 131 0.66600000000000004                   12.4            121.4         109.3
## 132 0.52300000000000002                      8            101.4         113.6
## 133 0.46800000000000003                    5.7            104.4         104.7
## 134               0.625                    5.4            117.8         112.5
## 135 0.63600000000000001                   12.1            120.8         100.1
## 136 0.61799999999999999                    7.9            118.2         101.7
## 137 0.66300000000000003                    6.8            136.6          94.2
## 138 0.47499999999999998                      6             85.6         102.2
## 139 0.60899999999999999                    5.6            123.5         109.4
## 140 0.48299999999999998                    7.7            102.9         109.5
## 141 0.60399999999999998                    7.9             114           111
## 142 0.58399999999999996                    6.9            116.1         107.5
## 143 0.56499999999999995 9.800000000000007   112.3         112.8
## 144 0.45800000000000002                    8.9             95.9         109.2
## 145                 0.7                    6.4            127.2          99.9
## 146 0.69599999999999995                    6.8            132.5         103.3
## 147 0.61299999999999999                    7.3            122.5         106.6
## 148 0.54700000000000004                    7.7            104.5         113.1
## 149 0.53200000000000003                    7.9             103          105.5
## 150 0.59799999999999998                     11            112.7         105.6
## 151 0.66100000000000003                    5.6            137.9          99.5
## 152               0.623                   10.3            117.7         111.9
## 153 0.59699999999999998                    6.4            119.2           102
## 154 0.68300000000000005 8.199999999999993   129.9          99.1
## 155 0.47099999999999997                    7.4            100.2         110.2
## 156 0.53700000000000003                   10.1            102.8         109.9
## 157 0.56399999999999995                    7.3            114.6         110.3
## 158 0.57699999999999996                    6.3            108.4         115.8
## 159 0.55200000000000005                    7.9            115.3         113.6
## 160 0.55600000000000005                    7.8            108.8           110
## 161 0.58099999999999996                    5.6            113.3           105
## 162               0.53 9.699999999999993   109.8          101.2
## 163                0.59                    6.8            115.2         101.5
## 164               0.624 4.400000000000004  119.4          106.5
## 165 0.57899999999999996                    5.4            111.5         102.4
## 166               0.624                    6.1            121.8           111
## 167                0.49                    5.4            105.4         108.2
## 168 0.49099999999999999                      8            100.9           109
## 169 0.49099999999999999                      8            100.9           109
```

```
## 170                 0.61                 9              120.6              102.8
## 171                 0.61                 9              120.6              102.8
## 172 0.44900000000000001               7.7               98.5              112.5
## 173 0.44900000000000001               7.7               98.5              112.5
## 174 0.54900000000000004                 6              106.8              109.6
## 175 0.58499999999999996               7.9              117.8              116.9
## 176                 0.49               6.3               99.3              105.6
## 177 0.51100000000000001               8.6              100.4              110.7
## 178 0.58899999999999997               6.5                116              112.4
## 179 0.61299999999999999              12.1              118.8              114.6
## 180 0.61299999999999999              12.1              118.8              114.6
## 181 0.61299999999999999              12.1              118.8              114.6
## 182 0.61899999999999999              14.4              122.4              107.8
## 183 0.61899999999999999              14.4              122.4              107.8
## 184 0.61899999999999999              14.4              122.4              107.8
## 185                 0.54               3.6                105              104.3
## 186 0.52600000000000002 4.900000000000004              105.6              109.3
## 187                 0.65               7.9              126.4              101.2
## 188 0.54400000000000004               4.5                112              111.6
## 189 0.48499999999999999               5.4               99.4                113
## 190 0.66300000000000003               5.9              125.3              111.7
## 191 0.59699999999999998               9.5                118              104.9
## 192 0.54300000000000004               7.5              108.6               90.1
## 193 0.54300000000000004               7.5              108.6               90.1
## 194                 0.62              11.2              116.8               97.8
## 195                 0.62              11.2              116.8               97.8
## 196 0.56799999999999995               7.7              115.2              105.7
## 197 0.67500000000000004               6.7              130.6                105
## 198 0.42199999999999999               7.1               81.5              107.5
## 199 0.58399999999999996 9.1999999999999993              113.9              110.7
## 200 0.54300000000000004 8.300000000000007              103.6              110.3
## 201 0.56699999999999995               7.6              108.5              113.9
## 202                 0.63               6.5              126.6                116
## 203                 0.63               6.5              126.6                116
## 204 0.54500000000000004                 6              104.4              106.6
## 205 0.54500000000000004                 6              104.4              106.6
## 206                0.496 4.5999999999999996              103.5              108.3
## 207                0.503               5.9               98.6              110.7
## 208 0.59199999999999997 9.6999999999999993              119.9              109.2
## 209 0.57099999999999995               5.3              111.3              111.7
## 210 0.66900000000000004                 8              129.5              106.7
## 211                0.436 4.5999999999999996               91.1              112.5
## 212                  0.5 4.400000000000004              102.8              111.5
## 213 0.53800000000000003 9.800000000000007              111.2                109
## 214 0.53700000000000003                 8              102.6               99.7
## 215                 0.61 8.6999999999999993              112.3               89.3
## 216 0.54100000000000004               6.7              112.1              108.5
## 217 0.48799999999999999               7.2               <NA>               <NA>
## 218 0.60299999999999998                 7              118.4              106.8
## 219 0.58499999999999996 8.800000000000007              118.4              105.3
## 220 0.51900000000000002               6.2              102.6              106.4
## 221 0.67200000000000004               8.4 128.19999999999999              105.6
## 222 0.58399999999999996 9.6999999999999993              114.9              111.3
## 223 0.61399999999999999              10.5                121              109.3
```

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```
## 224 0.59799999999999998                   5.8        111.5        110.2
## 225 0.51500000000000001                     8         96.5        103.8
## 226 0.57599999999999996                     8        116.1        106.6
## 227 0.60299999999999998                  13.7        113.8        103.8
## 228 0.53300000000000003 5.099999999999996  107.7        104.2
## 229 0.56299999999999994                   5.9        111.9        109.6
## 230 0.52600000000000002                   7.1        104.1        102.1
## 231               0.498                   7.1        100.9        104.4
## 232 0.55700000000000005                   7.3        110.5        108.5
## 233 0.51900000000000002                   6.2        101.5        103.8
## 234 0.51900000000000002                   6.2        101.5        103.8
## 235 0.51900000000000002                   6.2        101.5        103.8
## 236 0.51900000000000002                   6.2        101.5        103.8
## 237 0.51900000000000002                   6.2        101.5        103.8
## 238 0.57599999999999996                   4.7        120.1        110.1
## 239 0.52800000000000002 5.099999999999996  100.4          94
## 240 0.96499999999999997                   3.5        157.6         90.2
## 241 0.69099999999999995                     7          130         109
## 242 0.54400000000000004                   6.5        111.8        113.6
## 243 0.51100000000000001 8.199999999999993  114.7        112.8
## 244 0.73299999999999998 8.199999999999993  126.5        104.9
## 245 0.73299999999999998 8.199999999999993  126.5        104.9
## 246 0.53400000000000003                   6.3        108.3        110.9
## 247 0.53400000000000003                   6.3        108.3        110.9
## 248 0.58799999999999997                     9        117.5        107.4
## 249 0.58799999999999997                     9        117.5        107.4
## 250 0.54700000000000004                   9.4        116.6        102.9
## 251 0.60799999999999998                   6.8        117.2        107.9
## 252 0.60599999999999998                   5.6        122.8        108.1
## 253 0.60799999999999998                   7.2        124.5        106.1
## 254 0.54400000000000004                   6.3        107.7         106
## 255 0.45200000000000001                     5         98.9        115.3
## 256 0.45200000000000001                     5         98.9        115.3
## 257 0.45200000000000001                     5         98.9        115.3
## 258 0.53400000000000003                   6.8          116        109.5
## 259 0.53400000000000003                   6.8          116        109.5
## 260 0.53400000000000003                   6.8          116        109.5
## 261 0.54600000000000004                   7.4        104.8        104.3
## 262 0.58699999999999997                   7.1        118.8        106.5
## 263 0.63400000000000001                    10        114.7        109.5
## 264 0.57699999999999996                   4.8          107        112.2
## 265 0.63600000000000001                   6.4        121.1        105.6
## 266 0.53600000000000003                   8.4        111.5         106
## 267 0.63300000000000001                   4.2         76.7        103.5
## 268 0.63300000000000001                   4.2         76.7        103.5
## 269 0.63300000000000001                   4.2         76.7        103.5
## 270 0.64300000000000002                   7.4        121.2        102.1
## 271 0.64300000000000002                   7.4        121.2        102.1
## 272 0.64300000000000002                   7.4        121.2        102.1
## 273               0.622                  11.1        125.4        108.1
## 274 0.51600000000000001                  11.2        107.6        110.5
## 275 0.53500000000000003                   9.4        106.4        109.2
## 276 0.47699999999999998                   6.4        105.1        107.3
## 277               0.623                  10.8        124.8        116.1
```

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```
## 278 0.58899999999999997            5.5           120.1          111.9
## 279 0.57499999999999996            7.3 129.69999999999999         101.9
## 280 0.61099999999999999            5.2           120.2          107.6
## 281 0.66300000000000003            6.3           123.7          110.2
## 282 0.55600000000000005 9.800000000000007          107.4          110.2
## 283 0.59299999999999997             10           116.9            108
## 284 0.57399999999999995            5.7           115.5          111.2
## 285 0.60299999999999998            7.3           124.6          103.8
## 286            0.62                 6.2           115.3          109.7
## 287 0.50800000000000001            8.5           105.2          106.2
## 288            0.59                 6.4           116.7          109.6
## 289 0.46500000000000002            6.7            98.6          107.6
## 290             0.5                 6.8            106           109.4
## 291 0.63500000000000001            3.6           129.4          107.7
## 292 0.51700000000000002            3.9           105.9          104.7
## 293 0.53100000000000003            7.9           109.6          104.3
## 294 0.57699999999999996 8.800000000000007           120           114.9
## 295 0.58299999999999996            9.1           116.9          109.2
## 296 0.55400000000000005            6.4           106.5            105
## 297 0.55200000000000005              5           107.7            108
## 298 0.63500000000000001            6.3           120.8          111.9
## 299 0.55400000000000005            9.1           102.8           97.8
## 300           0.498                 7.2            97.3           87.2
## 301 0.61899999999999999            6.6           120.1          110.6
## 302 0.60399999999999998            5.8           122.4          100.4
## 303 0.60399999999999998            5.8           122.4          100.4
## 304 0.60399999999999998            5.8           122.4          100.4
## 305           0.502                 7.4            110           114.1
## 306             0.5                 5.7            94.8          109.3
## 307 0.55900000000000005            4.2            104           102.7
## 308 0.56799999999999995 8.199999999999993          109.2          105.5
## 309 0.60299999999999998            6.6           117.5            108
## 310 0.57099999999999995            7.4           108.6          107.2
## 311 0.58799999999999997           10.4           115.5          107.1
## 312 0.56499999999999995 8.199999999999993           116           104.2
## 313 0.56899999999999995            5.7           110.7          113.7
## 314 0.54900000000000004            7.8           108.4          104.4
## 315 0.56899999999999995           10.1           114.8          105.4
## 316 0.56899999999999995            7.4           107.6          112.5
## 317 0.52300000000000002            6.4           102.9            107
## 318 0.53700000000000003           10.1           107.6          112.5
## 319 0.50900000000000001            6.7           100.8            101
## 320 0.57399999999999995            6.3           120.9          114.1
## 321 0.50900000000000001           10.6           105.5            107
## 322 0.59199999999999997            8.4           116.2          111.1
## 323 0.59899999999999998            6.7           115.6          108.6
## 324 0.60499999999999998            6.5           110.4          104.1
## 325 0.55700000000000005            7.4           108.8          108.5
## 326 0.57299999999999995            5.2           112.3          102.6
## 327 0.57499999999999996            6.6           114.7          108.2
## 328 0.60199999999999998            5.9           113.7          101.5
## 329 0.63200000000000001            4.3            125           109.9
## 330 0.63600000000000001            4.7           120.3           97.3
## 331 0.52800000000000002            6.9           106.8          110.3
```

```
## 332 0.51200000000000001 4.5999999999999996        101.8        96.7
## 333 0.59599999999999997               6.7          110.6       108.5
## 334 0.55900000000000005               5.8          115.1       109.2
## 335 0.58599999999999997               5.8          101.7       103.6
## 336 0.55300000000000005               4.8          113.9       111.8
## 337 0.51100000000000001               6.5          106.5       112.6
## 338 0.52400000000000002 4.900000000000004           108.4         109
## 339 0.65500000000000003               6.1          123.6        96.7
## 340 0.51400000000000001               4.7          102.5       110.9
## 341 0.44800000000000001               4.3             94       101.3
## 342 0.53500000000000003               9.4          104.1       107.3
## 343 0.53500000000000003               9.4          104.1       107.3
## 344 0.53500000000000003               9.4          104.1       107.3
## 345 0.50800000000000001               9.5          100.3       111.6
## 346 0.50800000000000001               9.5          100.3       111.6
## 347 0.50800000000000001               9.5          100.3       111.6
## 348 0.47099999999999997               7.6           85.9       100.5
## 349 0.47099999999999997               7.6           85.9       100.5
## 350 0.47099999999999997               7.6           85.9       100.5
## 351 0.54900000000000004               7.5          105.6         101
## 352 0.67400000000000004              11.2          123.1         105
## 353 0.59899999999999998               6.2            120       102.1
## 354 0.51700000000000002               4.8          109.7         100
## 355 0.51700000000000002               4.8          109.7         100
## 356 0.48799999999999999               7.3          100.2         110
## 357 0.52900000000000003               6.4          103.3       106.8
## 358 0.56100000000000005               7.8          105.6       105.1
## 359 0.59899999999999998                11          123.7         106
## 360 0.60199999999999998 9.300000000000007           121.3       105.5
## 361 0.47799999999999998               8.1           98.9       104.6
## 362             0.111               2.9           <NA>        <NA>
## 363             0.111               2.9           <NA>        <NA>
## 364 0.63900000000000001              10.5          122.2        99.7
## 365 0.61199999999999999               7.6          123.1       105.3
## 366              0.43               7.3             81       111.7
## 367 0.58099999999999996               7.1          111.2       107.7
## 368 0.66300000000000003               6.8          124.6       108.5
## 369 0.59699999999999998               8.6            120         103
## 370 0.68799999999999994               7.2          135.6        99.8
## 371 0.64500000000000002               6.2          117.1       110.5
## 372 0.57599999999999996               5.5          113.4       113.6
## 373 0.56499999999999995               5.2            105         106
## 374 0.56499999999999995               5.2            105         106
## 375 0.56499999999999995               5.2            105         106
## 376 0.53200000000000003               7.6          105.6       109.7
## 377 0.53200000000000003               7.6          105.6       109.7
## 378 0.53200000000000003               7.6          105.6       109.7
## 379 0.58199999999999996               6.7          116.3       109.1
## 380 0.55700000000000005               7.5          113.4       103.9
## 381             0.498               5.9            102       112.7
## 382 0.56699999999999995              12.1          110.9       100.3
## 383 0.48799999999999999               5.4           99.1       106.2
## 384              0.54 9.300000000000007           110.7        91.8
## 385 0.59899999999999998               7.8          114.3       104.2
```

```
## 386 0.54200000000000004               4.2               <NA>            <NA>
## 387 0.53700000000000003               6.2              108.6           109.9
## 388 0.54500000000000004                 6              105.2           105.8
## 389 0.55800000000000005               5.6              112.7           108.2
## 390                0.628               5.5              112.8           107.4
## 391 0.64200000000000002               4.7              130.5            99.5
## 392 0.55500000000000005               7.6              101.4           103.8
## 393 0.47799999999999998               8.1               97.5           108.6
## 394 0.47799999999999998               8.1               97.5           108.6
## 395 0.60899999999999999              10.1                118           105.9
## 396 0.60899999999999999              10.1                118           105.9
## 397 0.51700000000000002               8.5              103.8           111.4
## 398 0.51700000000000002               8.5              103.8           111.4
## 399 0.51700000000000002               8.5              103.8           111.4
## 400 0.56499999999999995               8.5              115.1             109
## 401 0.56499999999999995               8.5              115.1             109
## 402 0.56499999999999995               8.5              115.1             109
## 403                 0.53               6.9                103             111
## 404 0.57599999999999996               8.4              113.3           111.8
## 405 0.51600000000000001 8.6999999999999993               113.1           110.1
## 406 0.55500000000000005 9.3000000000000007               108           114.4
## 407 0.60099999999999998              13.1              115.1           103.7
## 408 0.57299999999999995               7.8              110.7           112.1
## 409 0.57799999999999996               5.2              112.5           112.3
## 410 0.54700000000000004               9.9              110.6           107.4
## 411 0.58399999999999996                11                114           100.2
## 412 0.58899999999999997               6.7              116.5           111.5
## 413 0.53900000000000003               7.8              113.2           108.7
## 414 0.35599999999999998               5.6               83.5            92.9
## 415 0.35599999999999998               5.6               83.5            92.9
## 416 0.35599999999999998               5.6               83.5            92.9
## 417                0.504               8.5                106           106.6
## 418                0.504               8.5                106           106.6
## 419                0.504               8.5                106           106.6
## 420 0.47299999999999998               8.5              105.1           109.1
## 421                0.499               4.5               96.2           103.7
## 422 0.70799999999999996               4.8 134.69999999999999               110.2
## 423 0.52100000000000002               5.8                103             106
## 424 0.59699999999999998               6.8                117           100.8
## 425 0.59699999999999998 4.900000000000004               115.4           107.7
## 426 0.57499999999999996               7.3              113.9           107.1
## 427 0.57599999999999996              10.5              113.4           109.7
## 428 0.52500000000000002               5.3                105           108.4
## 429                0.318 4.900000000000004 75.099999999999994               109.9
## 430                0.318 4.900000000000004 75.099999999999994               109.9
## 431                0.625                 7                122           103.6
## 432 0.58399999999999996               7.6              115.7           106.4
## 433 0.54500000000000004               4.7              105.9           114.7
## 434                0.499               7.3               99.8             106
## 435                 0.54               7.1              114.5           105.4
## 436 0.50800000000000001               3.9              103.6           100.2
## 437 0.57399999999999995                 6              111.9           102.9
## 438 0.67600000000000005               7.9              120.7           102.4
## 439 0.61199999999999999              12.5              116.4           105.4
```

```
## 440 0.55000000000000004                     4.7                    112         116.4
## 441               0.501                     5.3                  100.3         112.7
## 442                 0.5 4.0999999999999996                      99         109.3
## 443 0.53900000000000003                     3.6                  119.1         107.4
## 444 0.59899999999999998                     5.6                  111.4         104.4
## 445 0.61199999999999999                     7.5                  120.6           104
## 446 0.53400000000000003 8.8000000000000007                      112.4           111
## 447 0.52400000000000002                     5.7                  107.5         106.6
## 448               0.498                     5.8                   97.8           103
## 449 0.57299999999999995                       6                  115.5           111
## 450 0.61399999999999999                       8                  116.4            97
## 451                0.37                     7.1 65.400000000000006            97
## 452 0.56299999999999994                       6                  109.2         104.4
## 453 0.55900000000000005                     9.1                  113.5         112.6
## 454 0.55900000000000005                     9.1                  113.5         112.6
## 455               0.503                     9.6                   99.3         116.4
## 456 0.46800000000000003                     6.8                   99.5         106.2
## 457 0.46800000000000003                     6.8                   99.5         106.2
## 458 0.51800000000000002                     7.1                  104.6         108.3
## 459 0.51800000000000002                     7.1                  104.6         108.3
## 460 0.56000000000000005                     5.6                    107         104.7
## 461 0.54900000000000004                     7.8                  104.3         105.8
## 462 0.56499999999999995                     6.2                  116.4         107.6
## 463 0.54700000000000004                     5.4                   96.6           100
## 464 0.50900000000000001                    15.8                  104.1         104.3
## 465                0.54                     8.6                  105.5         108.3
## 466 0.55000000000000004                     7.4                  110.6         108.7
## 467 0.56599999999999995                     8.1                  106.8         103.2
## 468 0.56799999999999995                     7.2                  107.4         108.7
## 469 0.54600000000000004                     5.2                    104         101.9
## 470 0.59899999999999998                     7.8                  115.4         106.2
## 471 0.52900000000000003                     8.1                  107.9         110.5
## 472               0.496                     7.9                  100.7         114.2
## 473 0.64900000000000002                    10.8                  123.4         109.8
## 474 0.56200000000000006                     5.6                  104.6         109.1
## 475 0.56299999999999994                     6.6                    102         108.9
## 476 0.55200000000000005                     6.7                   99.5          98.3
## 477 0.59099999999999997 8.6999999999999993                      110.5         109.4
## 478 0.56200000000000006                     8.5                  119.1         110.5
## 479 0.56299999999999994                     8.1                  114.9         115.4
## 480 0.57699999999999996                    11.3                  115.3         104.5
## 481 0.58899999999999997                    11.6                  116.9         111.9
## 482 0.59899999999999998 9.3000000000000007                      121.8         101.5
## 483 0.69299999999999995                     7.9                  134.5           101
##     Player.Efficiency.Rating win.shares Box.Plus.Minus Value.Over.Replacement
## 1                       15.1        0.9           -3.0                   -0.1
## 2                       15.9        1.7           -1.1                    0.2
## 3                       22.7        3.6            4.9                    1.5
## 4                       15.2        0.7           -0.7                    0.2
## 5                       15.2        0.7           -0.7                    0.2
## 6                       12.0        0.2           -2.5                   -0.1
## 7                       14.0        1.1            0.5                    0.3
## 8                       22.5        3.1            2.7                    0.9
## 9                       21.3        1.4            1.9                    0.3
```

```
## 10                    23.5        1.7         3.4              0.6
## 11                    22.5        3.1         2.7              0.9
## 12                    21.3        1.4         1.9              0.3
## 13                    23.5        1.7         3.4              0.6
## 14                    17.8        1.9         2.9              0.8
## 15                    28.3        4.3         7.2              2.1
## 16                    10.3        0.2        -3.2              0.0
## 17                    13.8        0.7        -3.1             -0.2
## 18                    10.3        0.0        -4.1             -0.4
## 19                    14.7        1.5         1.1              0.5
## 20                    11.2        0.3        -1.6              0.0
## 21                    11.2        0.3        -1.6              0.0
## 22                    11.2        0.3        -1.6              0.0
## 23                    10.8        0.8        -2.2              0.0
## 24                    10.8        0.8        -2.2              0.0
## 25                     8.9        0.5        -3.5             -0.2
## 26                    17.7        2.7        -0.8              0.2
## 27                    10.6        0.1        -4.3              0.0
## 28                    13.9        0.3        -4.6             -0.4
## 29                    18.2        1.8         2.8              0.9
## 30                    14.2        1.2        -0.2              0.4
## 31                    23.4        0.4         2.3              0.1
## 32                    12.6        0.8        -1.5              0.1
## 33                    15.7        2.0         0.1              0.5
## 34                    13.1        1.2        -2.2              0.0
## 35                    11.6        0.9        -2.2              0.0
## 36                     0.3       -0.1       -12.5             -0.1
## 37                    14.8        2.7         2.0              0.8
## 38                    14.8        2.7         2.0              0.8
## 39                    14.7        1.2         1.5              0.4
## 40                     9.6       -0.1        -4.0             -0.4
## 41                    24.8        2.5         4.9              1.5
## 42                    16.7        1.6         0.5              0.6
## 43                    13.2        0.7         0.2              0.1
## 44                    13.2        0.7         0.2              0.1
## 45                    13.7        1.5         0.8              0.3
## 46                    13.0        1.0        -0.1              0.3
## 47                    16.1        1.9        -1.2              0.1
## 48                    16.1        1.9        -1.2              0.1
## 49                    18.3        0.4         0.1              0.1
## 50                    12.6        1.2        -2.9             -0.1
## 51                    12.6        1.2        -2.9             -0.1
## 52                    12.6        0.2        -3.4             -0.1
## 53                    12.6        0.2        -3.4             -0.1
## 54                    12.6        0.9        -2.1              0.0
## 55                     4.7       -0.1        -7.2             -0.1
## 56                     5.0        0.1        -6.2             -0.2
## 57                    17.2        1.4        -0.9              0.2
## 58                    23.4        3.1         3.8              1.0
## 59                    10.4        0.3        -3.2             -0.1
## 60                    10.4        0.3        -3.2             -0.1
## 61                    20.3        0.5         1.3              0.1
## 62                    20.3        0.5         1.3              0.1
## 63                    12.0        1.1        -2.1              0.0
```

```
## 64                 16.3      3.1         2.5                  1.0
## 65                 18.3      2.5         2.0                  1.0
## 66                 10.3     -0.3        -5.6                 -0.6
## 67                  5.4     -0.1        -6.3                 -0.2
## 68                  5.4     -0.1        -6.3                 -0.2
## 69                 12.8      0.9        -2.8                 -0.1
## 70                 22.3      2.6         4.4                  1.4
## 71                 33.5      0.2         9.1                  0.1
## 72                 12.9      1.5         0.0                  0.3
## 73                 16.4      1.5        -0.6                  0.2
## 74                 18.8      0.9         0.4                  0.2
## 75                  8.9      1.0        -1.7                  0.1
## 76                 13.7      0.8        -0.4                  0.2
## 77                 13.5      1.0         0.5                  0.3
## 78                 24.2      2.3         5.8                  1.0
## 79                  9.8      1.3        -1.7                  0.1
## 80                 12.1      0.8        -1.3                  0.1
## 81                 23.1      2.7         2.4                  0.8
## 82                 29.8      0.0         7.4                  0.0
## 83                 17.1      1.2        -1.4                  0.1
## 84                 17.1      1.2        -1.4                  0.1
## 85                  8.3      0.3        -1.3                  0.0
## 86                  8.2     -0.1        -5.7                 -0.2
## 87                 11.5      1.0         0.7                  0.3
## 88                 11.9      0.0        -3.2                  0.0
## 89                 11.9      0.0        -3.2                  0.0
## 90                 11.9      0.0        -3.2                  0.0
## 91                 11.9      0.0        -3.2                  0.0
## 92                 16.6      1.2        -0.3                  0.2
## 93                  5.3      0.2        -5.5                 -0.5
## 94                  5.3      0.2        -5.5                 -0.5
## 95                  5.3      0.2        -5.5                 -0.5
## 96                 19.0      2.3         3.0                  1.0
## 97                 19.3      3.0         1.8                  0.8
## 98                 19.8      2.9         4.1                  1.0
## 99                 13.2      1.3         1.2                  0.4
## 100                15.1      1.0         0.4                  0.3
## 101                15.1      1.0         0.4                  0.3
## 102                15.1      1.0         0.4                  0.3
## 103                15.1      1.0         0.4                  0.3
## 104                15.1      1.0         0.4                  0.3
## 105                15.1      1.0         0.4                  0.3
## 106                15.1      1.0         0.4                  0.3
## 107                15.1      1.0         0.4                  0.3
## 108                10.0      0.9        -1.7                  0.1
## 109                11.6      0.4        -0.2                  0.1
## 110                11.6      0.4        -0.2                  0.1
## 111                11.5      1.3         0.3                  0.4
## 112                10.7      0.1        -5.8                 -0.3
## 113                14.1      1.7        -0.4                  0.3
## 114                25.6      4.3         7.6                  2.4
## 115                24.7      3.3         6.4                  1.6
## 116                12.2      0.6        -3.4                 -0.1
## 117                11.2      0.3        -3.3                 -0.1
```

```
## 118                    11.2       0.3       -3.3            -0.1
## 119                    21.7       3.5        3.8             1.2
## 120                    15.9       1.2       -1.3             0.1
## 121                    15.9       1.2       -1.3             0.1
## 122                    18.6       1.2        2.0             0.3
## 123                    18.6       1.2        2.0             0.3
## 124                    10.1       0.1       -1.4             0.0
## 125                    12.7       1.4       -0.4             0.3
## 126                     9.5       0.4       -4.5            -0.5
## 127                     6.1      -0.1       -7.5            -0.4
## 128                    13.6       0.7       -0.8             0.1
## 129                    20.9       0.7       -0.3             0.3
## 130                    20.9       0.7       -0.3             0.3
## 131                    25.1       2.6        5.4             1.2
## 132                    10.5      -0.4       -5.1            -0.6
## 133                    12.2       0.2       -3.0             0.0
## 134                    12.8       0.9        0.0             0.2
## 135                    30.8       4.3        7.9             1.9
## 136                    12.4       0.2       -2.8             0.0
## 137                    20.6       2.4        2.6             0.5
## 138                     7.4       0.0       -5.0            -0.1
## 139                    11.0       1.0       -0.9             0.2
## 140                     4.5      -0.1       -8.1            -0.2
## 141                    17.5       1.0        0.5             0.3
## 142                    17.5       1.0        0.5             0.3
## 143                    19.9       1.5        1.2             0.7
## 144                    12.2       0.0       -4.6            -0.1
## 145                    17.6       1.2        0.2             0.2
## 146                    17.6       1.2        0.2             0.2
## 147                    12.5       0.5       -2.6            -0.1
## 148                    12.9       0.4       -2.0             0.0
## 149                    13.9       0.7       -1.3             0.1
## 150                    23.2       2.6        5.4             1.3
## 151                    10.6       0.3       -2.9             0.0
## 152                    21.6       2.4        3.5             1.0
## 153                     7.9       0.0       -4.3             0.0
## 154                    23.2       4.3        3.6             1.3
## 155                     8.1       0.0       -3.4            -0.1
## 156                    14.9       0.6        0.6             0.4
## 157                    14.9       0.6        0.6             0.4
## 158                    16.8       1.6        1.1             0.5
## 159                    12.1       1.2       -1.9             0.0
## 160                    18.7       2.7        2.6             1.1
## 161                     9.7       1.0       -1.2             0.2
## 162                    10.3       1.0       -1.1             0.2
## 163                    14.6       1.2       -1.7             0.0
## 164                    12.7       0.6       -0.4             0.1
## 165                    12.7       0.6       -0.4             0.1
## 166                    12.2       1.6       -1.4             0.1
## 167                     6.4       0.0       -5.2            -0.2
## 168                    10.0       0.4       -2.6            -0.1
## 169                    10.0       0.4       -2.6            -0.1
## 170                    10.0       0.4       -2.6            -0.1
## 171                    10.0       0.4       -2.6            -0.1
```

```
## 172              11.8        0.0        -3.0              0.0
## 173              11.8        0.0        -3.0              0.0
## 174              12.9        0.8        -3.0             -0.1
## 175              17.5        1.7         2.3              0.8
## 176               7.3        0.0        -5.6             -0.2
## 177               7.3        0.0        -5.6             -0.2
## 178              14.2        1.2        -0.9              0.2
## 179              24.2        4.1         5.8              1.8
## 180              22.7        1.1         4.6              0.5
## 181              24.9        3.0         6.4              1.3
## 182              24.2        4.1         5.8              1.8
## 183              22.7        1.1         4.6              0.5
## 184              24.9        3.0         6.4              1.3
## 185               4.6        0.1        -2.5              0.0
## 186               4.6        0.1        -2.5              0.0
## 187              21.3        3.4         2.3              0.8
## 188               9.3        0.7        -3.6             -0.2
## 189               9.3        0.7        -3.6             -0.2
## 190              14.9        2.4         0.5              0.6
## 191              19.7        3.0         2.8              1.1
## 192              19.1        0.5        -3.7             -0.1
## 193              19.1        0.5        -3.7             -0.1
## 194              19.1        0.5        -3.7             -0.1
## 195              19.1        0.5        -3.7             -0.1
## 196              12.5        1.6        -0.8              0.2
## 197              15.5        0.7        -2.0              0.0
## 198              -1.4       -0.5       -13.6             -0.4
## 199              18.7        2.5         1.8              0.9
## 200              12.1        0.3        -2.6             -0.1
## 201              10.7        0.2        -2.8             -0.2
## 202              16.0        1.1         0.4              0.2
## 203              16.0        1.1         0.4              0.2
## 204              16.0        1.1         0.4              0.2
## 205              16.0        1.1         0.4              0.2
## 206               6.4        0.3        -2.8             -0.1
## 207               7.1       -0.1        -5.9             -0.6
## 208              19.9        2.8         3.8              1.1
## 209              12.4        2.2         0.5              0.6
## 210              18.2        2.1        -0.7              0.2
## 211               5.0       -0.4        -8.0             -0.7
## 212               5.0       -0.4        -8.0             -0.7
## 213              17.6        1.2         3.2              0.7
## 214              11.7        0.7        -1.6              0.1
## 215              13.9        0.9        -5.1             -0.4
## 216              11.9        1.4        -0.3              0.4
## 217               9.8        0.0        -4.5              0.0
## 218              17.5        1.8         2.5              0.7
## 219              18.2        2.1         0.2              0.4
## 220               8.9        0.6        -0.4              0.2
## 221              16.7        2.7         4.1              1.0
## 222              20.4        2.8         3.1              1.2
## 223              25.3        3.0         5.3              1.3
## 224               1.5       -0.1        -9.2             -0.1
## 225              12.2        0.1        -2.4             -0.1
```

```
## 226              13.3        1.2        -1.6             0.1
## 227              24.2        4.2         7.2             2.3
## 228              10.3        0.4        -2.0             0.0
## 229              13.2        1.5         0.7             0.5
## 230              12.3        0.5        -0.1             0.2
## 231              12.3        0.5        -0.1             0.2
## 232              15.3        1.7        -1.0             0.2
## 233               9.6        0.6        -0.5             0.1
## 234               9.6        0.6        -0.5             0.1
## 235               9.6        0.6        -0.5             0.1
## 236               9.6        0.6        -0.5             0.1
## 237               9.6        0.6        -0.5             0.1
## 238              11.3        1.1        -2.8            -0.1
## 239               3.9        0.0        -8.5            -0.1
## 240               3.9        0.0        -8.5            -0.1
## 241               3.9        0.0        -8.5            -0.1
## 242              19.6        0.1        -1.5             0.0
## 243              14.2        1.0        -0.6             0.2
## 244              16.7        1.8         1.1             0.5
## 245              16.7        1.8         1.1             0.5
## 246              10.8        0.4        -3.5            -0.2
## 247              10.8        0.4        -3.5            -0.2
## 248              10.8        0.4        -3.5            -0.2
## 249              10.8        0.4        -3.5            -0.2
## 250              16.2        0.9         2.3             0.3
## 251              10.8        1.1        -2.2             0.0
## 252              11.4        1.0        -0.8             0.1
## 253              13.3        0.7        -0.6             0.1
## 254               8.1        0.1        -4.3            -0.2
## 255               3.7       -0.1        -5.8             0.0
## 256               3.7       -0.1        -5.8             0.0
## 257               3.7       -0.1        -5.8             0.0
## 258               3.7       -0.1        -5.8             0.0
## 259               3.7       -0.1        -5.8             0.0
## 260               3.7       -0.1        -5.8             0.0
## 261              13.1        1.5        -0.9             0.2
## 262              17.8        1.5         3.0             0.5
## 263              22.7        3.1         4.1             1.5
## 264              13.0        0.5        -2.0             0.0
## 265              11.2        1.4        -1.1             0.1
## 266               7.0        0.0        -5.5            -0.1
## 267              15.5        0.6         0.0             0.2
## 268               4.3        0.0        -5.6            -0.1
## 269              19.5        0.7         2.0             0.2
## 270              15.5        0.6         0.0             0.2
## 271               4.3        0.0        -5.6            -0.1
## 272              19.5        0.7         2.0             0.2
## 273              27.5        4.1         6.3             1.7
## 274              19.1        0.6         0.6             0.2
## 275              19.1        0.6         0.6             0.2
## 276              11.7        0.2        -3.8            -0.1
## 277              27.1        4.5         6.3             2.1
## 278              16.3        0.4        -0.4             0.1
## 279              13.9        1.1        -0.2             0.1
```

```
## 280             13.4        1.8          -0.9                 0.2
## 281             15.0        1.1          -2.6                -0.1
## 282             11.2        0.0          -2.1                 0.0
## 283             16.3        2.2           0.5                 0.6
## 284             11.6        0.4          -1.6                 0.0
## 285             11.2        0.8          -2.6                -0.1
## 286             17.2        1.0           0.3                 0.3
## 287             -0.4        0.0         -10.0                 0.0
## 288              9.1        0.0          -6.5                -0.1
## 289             11.9        0.4          -1.6                 0.0
## 290             13.5        0.3          -0.7                 0.1
## 291             13.9        0.9          -0.1                 0.2
## 292              8.2        1.0          -1.5                 0.0
## 293             13.4        0.6          -2.7                -0.1
## 294             26.4        2.1           6.9                 1.0
## 295             15.2        1.5           1.7                 0.6
## 296              7.2        0.0          -7.2                -0.1
## 297              8.0        0.1          -4.6                -0.3
## 298             13.8        1.4          -1.7                 0.1
## 299             16.5        0.3          -2.2                 0.0
## 300             16.5        0.3          -2.2                 0.0
## 301             11.1        0.1          -2.5                 0.0
## 302             22.7        0.2           3.4                 0.1
## 303             22.7        0.2           3.4                 0.1
## 304             22.7        0.2           3.4                 0.1
## 305             13.1        0.3          -1.9                 0.0
## 306              8.6        0.1          -4.0                -0.2
## 307              8.6        0.1          -4.0                -0.2
## 308             15.6        0.5           1.2                 0.2
## 309             12.5        0.2           0.3                 0.0
## 310             20.3        0.1          -1.3                 0.0
## 311             20.1        3.4           3.0                 1.2
## 312             17.0        2.0           0.9                 0.5
## 313             14.7        1.5           0.1                 0.4
## 314             15.3        1.2          -2.0                 0.0
## 315             18.9        2.7           1.7                 0.8
## 316             13.0        0.5          -1.4                 0.0
## 317              8.7        0.1          -4.3                -0.1
## 318             18.7        0.9          -1.0                 0.1
## 319              8.9        0.7          -2.6                 0.0
## 320             14.9        1.8          -0.3                 0.3
## 321             16.4        1.5           0.3                 0.5
## 322             15.8        1.7          -0.6                 0.3
## 323             14.6        1.1          -0.6                 0.2
## 324             14.8        0.4           0.8                 0.1
## 325             13.2        1.2           1.0                 0.5
## 326              4.4        0.0          -6.1                -0.2
## 327             13.6        0.7          -1.3                 0.1
## 328              8.3        0.5          -3.1                -0.1
## 329             12.5        0.3          -2.1                 0.0
## 330             14.3        1.3           0.5                 0.3
## 331             15.3        0.4          -2.0                 0.0
## 332             12.4        0.1           1.2                 0.0
## 333             12.3        0.4          -1.7                 0.0
```

```
## 334              13.4        1.3        -0.8              0.2
## 335              12.9        0.0        -5.4             -0.1
## 336               9.2        0.9        -2.0              0.0
## 337               9.4        0.3        -2.4              0.0
## 338               7.7        0.1        -5.0             -0.4
## 339              12.2        0.2        -2.3              0.0
## 340               5.6       -0.1        -5.8             -0.7
## 341               3.2        0.0        -7.6             -0.2
## 342              14.5        0.5        -0.7              0.2
## 343              16.0        0.5         0.6              0.2
## 344              13.2        0.0        -1.9              0.0
## 345              14.5        0.5        -0.7              0.2
## 346              16.0        0.5         0.6              0.2
## 347              13.2        0.0        -1.9              0.0
## 348              14.5        0.5        -0.7              0.2
## 349              16.0        0.5         0.6              0.2
## 350              13.2        0.0        -1.9              0.0
## 351              12.0        1.1        -0.4              0.3
## 352              12.0        1.1        -0.4              0.3
## 353              10.5        2.7         0.6              0.6
## 354               6.0        0.3        -3.6             -0.1
## 355               6.0        0.3        -3.6             -0.1
## 356              11.2        0.6        -1.9              0.0
## 357              12.4        0.9        -2.8             -0.2
## 358              15.0        0.9        -2.5             -0.1
## 359              20.4        3.2         3.9              1.3
## 360              13.5        0.6         0.2              0.2
## 361              11.9        0.5        -3.4             -0.3
## 362              -9.7       -0.1       -17.4             -0.1
## 363              -9.7       -0.1       -17.4             -0.1
## 364              17.2        2.1         0.9              0.5
## 365              16.5        1.8        -0.2              0.3
## 366               2.4       -0.8        -7.2             -0.4
## 367              14.6        0.3        -0.6              0.1
## 368              17.3        1.3         0.9              0.3
## 369              20.9        2.4         2.1              0.6
## 370              12.7        0.7        -1.6              0.0
## 371              15.3        1.6        -0.8              0.2
## 372              15.3        1.6        -0.8              0.2
## 373              11.7        0.6        -1.8              0.0
## 374              11.7        0.2        -2.9              0.0
## 375              11.7        0.4        -1.1              0.1
## 376              11.7        0.6        -1.8              0.0
## 377              11.7        0.2        -2.9              0.0
## 378              11.7        0.4        -1.1              0.1
## 379              11.9        0.9        -1.4              0.1
## 380              18.4        1.6         2.4              0.6
## 381              11.5        0.0        -3.9              0.0
## 382              20.7        3.6         4.2              1.7
## 383               9.3        0.4        -3.5             -0.3
## 384               8.6       -0.1        -8.1             -0.1
## 385              18.9        1.5         0.2              0.3
## 386              13.3        0.1        -5.7              0.0
## 387              11.0        0.6        -3.2             -0.2
```

```
## 388            9.7      0.6     -3.0      -0.1
## 389            9.7      0.6     -3.0      -0.1
## 390            8.8      0.9     -2.7      -0.2
## 391           17.5      3.0      0.8       0.6
## 392           16.2      1.3     -0.8       0.1
## 393            8.9      0.0     -3.5      -0.1
## 394            8.9      0.0     -3.5      -0.1
## 395            8.9      0.0     -3.5      -0.1
## 396            8.9      0.0     -3.5      -0.1
## 397           17.3      0.5      0.4       0.3
## 398           17.4      0.4      0.4       0.2
## 399           17.0      0.2      0.4       0.1
## 400           17.3      0.5      0.4       0.3
## 401           17.4      0.4      0.4       0.2
## 402           17.0      0.2      0.4       0.1
## 403           12.6      0.6     -2.4      -0.1
## 404           18.3      2.4      2.6       1.0
## 405           11.2      0.5     -4.4      -0.4
## 406           16.4      0.5      0.4       0.4
## 407           20.7      3.3      3.4       1.4
## 408           17.3      1.5      0.1       0.4
## 409            9.1      0.3     -4.0      -0.3
## 410           17.6      2.1     -0.2       0.4
## 411           19.9      2.8      4.2       1.3
## 412           12.7      0.6     -1.6       0.0
## 413           14.6      1.2      0.3       0.3
## 414            8.5      0.0     -5.4      -0.1
## 415            7.0      0.0     -4.3       0.0
## 416            9.3      0.0     -5.9      -0.1
## 417            8.5      0.0     -5.4      -0.1
## 418            7.0      0.0     -4.3       0.0
## 419            9.3      0.0     -5.9      -0.1
## 420           10.6      0.1     -2.5       0.0
## 421            7.7      0.0     -3.9       0.0
## 422            7.3      0.2     -2.3       0.0
## 423            9.2      0.1     -4.3      -0.2
## 424           14.1      1.1     -2.9      -0.1
## 425           13.8      0.6      0.7       0.2
## 426           13.4      2.0     -1.0       0.2
## 427           21.4      2.4      4.6       1.4
## 428            9.6      0.9     -2.6      -0.1
## 429            6.0     -0.1     -5.5      -0.1
## 430            6.0     -0.1     -5.5      -0.1
## 431           15.5      1.9      0.5       0.4
## 432           15.5      1.9      0.5       0.4
## 433           10.5      0.1     -2.8       0.0
## 434           10.5      0.1     -2.8       0.0
## 435           13.6      1.3     -3.1      -0.2
## 436            9.1      0.8      1.0       0.4
## 437           12.7      0.4     -1.1       0.1
## 438           12.4      0.9     -0.6       0.1
## 439           23.9      1.1      4.3       0.5
## 440           14.0      1.4     -1.2       0.2
## 441           14.0      1.4     -1.2       0.2
```

```
## 442                    5.5       0.8      -4.5         -0.5
## 443                    5.5       0.8      -4.5         -0.5
## 444                   17.0       2.4       1.4          0.7
## 445                   16.7       1.5      -0.1          0.3
## 446                   18.3       3.0       2.8          1.2
## 447                   12.5       0.9       0.2          0.3
## 448                    5.5      -0.3      -7.8         -0.4
## 449                    6.1       0.0      -5.4         -0.2
## 450                   15.4       0.6      -0.4          0.1
## 451                   15.4       0.6      -0.4          0.1
## 452                   15.4       0.6      -0.4          0.1
## 453                   14.2       0.3      -0.3          0.2
## 454                   14.2       0.3      -0.3          0.2
## 455                   17.3       0.7       0.9          0.4
## 456                    9.2       0.6      -3.7         -0.2
## 457                    9.2       0.6      -3.7         -0.2
## 458                    9.2       0.6      -3.7         -0.2
## 459                    9.2       0.6      -3.7         -0.2
## 460                   12.0       0.1      -5.5         -0.1
## 461                   12.8       0.9      -1.4          0.1
## 462                   11.1       0.4      -2.0          0.0
## 463                  -10.2      -0.2     -22.2         -0.1
## 464                   14.4      -0.4      -1.8          0.0
## 465                   10.9       0.6      -3.9         -0.4
## 466                   15.0       0.3       1.5          0.2
## 467                   22.2       0.8       0.1          0.2
## 468                   14.0       1.2      -1.6          0.1
## 469                    8.0       0.6      -3.8         -0.2
## 470                   13.4       1.2      -0.7          0.2
## 471                   16.5       1.3      -1.7          0.0
## 472                   16.5       1.3      -1.7          0.0
## 473                   27.0       3.9       4.5          1.5
## 474                    9.8       0.7      -4.0         -0.4
## 475                   13.4       0.5       0.0          0.1
## 476                   15.1       0.5      -4.1         -0.2
## 477                   24.1       2.0       4.0          0.8
## 478                   16.6       2.3       2.8          1.0
## 479                   16.6       2.3       2.8          1.0
## 480                   18.5       1.8       2.1          0.6
## 481                   22.9       3.1       4.3          1.4
## 482                   18.2       1.2       1.0          0.3
## 483                   20.5       2.8       0.5          0.4
##        Salary
## 1     2711280
## 2    17073171
## 3    28103550
## 4     2641691
## 5     2641691
## 6     3261480
## 7     4054695
## 8    20000000
## 9    20000000
## 10   20000000
## 11   20000000
```

```
## 12   20000000
## 13   20000000
## 14    9937150
## 15   39344970
## 16    1729217
## 17    2641691
## 18    3449400
## 19   16071429
## 20     586136
## 21     586136
## 22     586136
## 23    7000000
## 24    7000000
## 25    4692840
## 26   12632950
## 27    2075880
## 28   11312114
## 29    8231760
## 30   18604651
## 31    7568742
## 32    2033160
## 33   20284091
## 34    8623920
## 35   15384615
## 36    1729217
## 37   12213507
## 38   12213507
## 39    2401537
## 40    2513040
## 41   34502130
## 42   14391964
## 43    2541217
## 44    2541217
## 45   14320988
## 46    2824320
## 47    6350000
## 48    6350000
## 49    3098400
## 50    1366392
## 51    1366392
## 52    2089448
## 53    2089448
## 54   18125000
## 55    2161152
## 56    1729217
## 57   31610000
## 58    7009615
## 59    2641691
## 60    2641691
## 61    1789256
## 62    1789256
## 63    5421493
## 64    5557725
## 65   21700000
```

```
## 66   12200000
## 67    5170564
## 68    5170564
## 69    4736102
## 70   24830357
## 71    1701593
## 72    3000000
## 73    1802057
## 74    8730159
## 75    9536000
## 76    3333333
## 77    9536000
## 78   36016200
## 79   13038862
## 80    3804150
## 81   17103448
## 82    1517981
## 83    6920027
## 84    6920027
## 85    3833333
## 86    3000000
## 87    8604651
## 88     958529
## 89     958529
## 90     958529
## 91     958529
## 92    2726880
## 93     377645
## 94     377645
## 95     377645
## 96   12420000
## 97   23000000
## 98   21000000
## 99    5333333
## 100    759106
## 101    759106
## 102    759106
## 103    759106
## 104    759106
## 105    759106
## 106    759106
## 107    759106
## 108  12975471
## 109   4878049
## 110   4878049
## 111   9720900
## 112   6395160
## 113   8186047
## 114  45780966
## 115  35361360
## 116   2641691
## 117   4000000
## 118   4000000
## 119  26000000
```

```
## 120  5200000
## 121  5200000
## 122  4000000
## 123  4000000
## 124 17142857
## 125  4675830
## 126  1782621
## 127       NA
## 128  1910860
## 129  2401537
## 130  2401537
## 131 40918900
## 132 10245480
## 133  1517981
## 134  2641691
## 135 31579390
## 136  1762796
## 137  9720900
## 138  1782621
## 139  4000000
## 140  2048040
## 141 18139535
## 142 18139535
## 143 28103550
## 144 16500000
## 145  1782621
## 146  1782621
## 147 20475000
## 148  7040880
## 149  5890000
## 150 39344970
## 151  4910000
## 152  5495532
## 153  1517981
## 154 35344828
## 155       NA
## 156 16409091
## 157 16409091
## 158 18218818
## 159 11000000
## 160 20000000
## 161 10000000
## 162 24026712
## 163  8292683
## 164  1669178
## 165  1669178
## 166  4500000
## 167  2957520
## 168 32405817
## 169 32405817
## 170 32405817
## 171 32405817
## 172       NA
## 173       NA
```

```
## 174  4916160
## 175  4023600
## 176  2303040
## 177  2303040
## 178 21306816
## 179 43848000
## 180 43848000
## 181 43848000
## 182 43848000
## 183 43848000
## 184 43848000
## 185  4347600
## 186  4347600
## 187  9720900
## 188 20482143
## 189 20482143
## 190 17357143
## 191 36000000
## 192  3430810
## 193  3430810
## 194  3430810
## 195  3430810
## 196 12000000
## 197  5348280
## 198  5572680
## 199 29900000
## 200  4004280
## 201 22477273
## 202  4000000
## 203  4000000
## 204  4000000
## 205  4000000
## 206  2389641
## 207  3980551
## 208 30133333
## 209  6006420
## 210 10384500
## 211  2239544
## 212  2239544
## 213 27000000
## 214  9500000
## 215  2641691
## 216  4253357
## 217  1517981
## 218  7775400
## 219  9742000
## 220  2641691
## 221 14000000
## 222 29467800
## 223 34916200
## 224  3000000
## 225  5005350
## 226 10384500
## 227 41180544
```

```
## 228  1517981
## 229  4437000
## 230  2641691
## 231  2641691
## 232  2145720
## 233   888616
## 234   888616
## 235   888616
## 236   888616
## 237   888616
## 238  9720900
## 239  1977011
## 240  1977011
## 241  1977011
## 242  1517981
## 243  7522200
## 244 10517224
## 245 10517224
## 246  7310000
## 247  7310000
## 248  7310000
## 249  7310000
## 250  2089448
## 251 12727273
## 252  8750000
## 253  2197674
## 254  4629630
## 255   606702
## 256   606702
## 257   606702
## 258   606702
## 259   606702
## 260   606702
## 261 13000000
## 262 10500000
## 263 19500000
## 264  3940184
## 265  1910860
## 266  1489065
## 267  3731707
## 268  3731707
## 269  3731707
## 270  3731707
## 271  3731707
## 272  3731707
## 273 39344900
## 274 17500000
## 275 17500000
## 276  3822240
## 277 39344900
## 278  2316240
## 279  5178572
## 280 13302325
## 281  5000000
```

```
## 282 31300000
## 283 26984128
## 284  2500000
## 285  1782621
## 286 15690909
## 287  1517981
## 288  1517981
## 289   527614
## 290  1782621
## 291  1093598
## 292  1958501
## 293  2602920
## 294 30864198
## 295  7500000
## 296  1782621
## 297  2063280
## 298 13750000
## 299  5000000
## 300  5000000
## 301  1939350
## 302  1090007
## 303  1090007
## 304  1090007
## 305  1669178
## 306  2389641
## 307  2389641
## 308  8437500
## 309   663024
## 310  1762796
## 311 35500000
## 312  2641691
## 313  5890000
## 314  1846738
## 315 28103550
## 316  1789256
## 317  2641691
## 318  9603360
## 319  2641691
## 320  8333333
## 321 15428571
## 322 31590000
## 323  3500000
## 324  2000000
## 325 10690909
## 326  3631200
## 327  2089448
## 328  3300000
## 329  2498760
## 330  8800000
## 331  1782621
## 332  1789256
## 333  5000000
## 334  4650000
## 335  1517981
```

```
## 336   1789256
## 337   3277080
## 338   4087904
## 339   6104280
## 340   6720720
## 341   1782621
## 342   2389641
## 343   2389641
## 344   2389641
## 345   2389641
## 346   2389641
## 347   2389641
## 348   2389641
## 349   2389641
## 350   2389641
## 351  12195122
## 352  12195122
## 353   8678571
## 354    850331
## 355    850331
## 356   8050000
## 357  12000000
## 358   1782621
## 359  30800000
## 360   6500000
## 361   2239544
## 362        NA
## 363        NA
## 364   8137500
## 365   8750000
## 366   3113160
## 367   2161440
## 368   5258735
## 369   4347600
## 370  11000000
## 371  15517242
## 372  15517242
## 373  15057692
## 374  15057692
## 375  15057692
## 376  15057692
## 377  15057692
## 378  15057692
## 379   2137440
## 380   2210640
## 381   1517981
## 382  19800000
## 383   4670160
## 384   1517981
## 385   1782621
## 386   1517981
## 387  11600000
## 388   2401537
## 389   2401537
```

```
## 390 15560000
## 391  1802057
## 392  1782621
## 393  2641691
## 394  2641691
## 395  2641691
## 396  2641691
## 397 13445120
## 398 13445120
## 399 13445120
## 400 13445120
## 401 13445120
## 402 13445120
## 403 12500000
## 404 17905263
## 405 17809524
## 406 30013500
## 407 18562500
## 408  6349671
## 409  3768342
## 410 31320000
## 411 31590000
## 412  3938818
## 413 14339285
## 414  1789256
## 415  1789256
## 416  1789256
## 417  1789256
## 418  1789256
## 419  1789256
## 420  4500000
## 421  4458000
## 422  2389641
## 423  1517981
## 424  3277080
## 425  1669178
## 426  1517981
## 427 28103550
## 428  4910000
## 429  1517981
## 430  1517981
## 431  8372093
## 432  8372093
## 433  1669178
## 434  1669178
## 435  9720900
## 436  2840160
## 437  5105160
## 438  1701593
## 439 31610000
## 440 16000000
## 441 16000000
## 442  7000000
## 443  7000000
```

```
## 444 18000000
## 445  4259259
## 446 19675926
## 447  4235160
## 448  1669178
## 449  1782621
## 450  1729217
## 451  1729217
## 452  1729217
## 453  8729020
## 454  8729020
## 455 44310840
## 456   705598
## 457   705598
## 458   705598
## 459   705598
## 460 12690000
## 461  4215120
## 462  1762769
## 463       NA
## 464 44211146
## 465  5837760
## 466 15178571
## 467  2401537
## 468 31579390
## 469  2617800
## 470  2000000
## 471  5000000
## 472  5000000
## 473 10733400
## 474  7422000
## 475  2239200
## 476  9166800
## 477 13666667
## 478  8526316
## 479  8526316
## 480 14190000
## 481  8326471
## 482  2389641
## 483  7518518
```

```r
# Convert predictors in less_data all to dbl, not chr
conversion <- less_data[,2:22] %>% mutate_if(is.character,as.numeric)
conversion1 <- conversion %>% add_column(less_data$Player)
names(conversion1)[names(conversion1) == "less_data$Player"] <- "Player"
conversion2 <- conversion1 %>% relocate((Player), .before = Games.Played)
conversion2
```

```
##                      Player Games.Played  PPG  RPG  APG  SPG  BPG  TPG  MPG
## 1          Precious Achiuwa           61  5.0  3.4  0.5 0.33 0.46 0.70 12.1
## 2              Steven Adams           58  7.6  8.9  1.9 0.93 0.66 1.36 27.7
## 3               Bam Adebayo           64 18.7  9.0  5.4 1.17 1.03 2.64 33.5
## 4          LaMarcus Aldridge           21 13.7  4.5  1.7 0.38 0.86 0.95 25.9
## 5          LaMarcus Aldridge            5 12.8  4.8  2.6 0.60 2.20 1.40 26.0
```

```
## 6          Nickeil Alexander-Walker   46 11.0  3.1  2.2 1.02 0.48 1.50 21.9
## 7                     Grayson Allen   50 10.6  3.2  2.2 0.92 0.16 0.96 25.2
## 8                     Jarrett Allen   12 11.2 10.4  1.7 0.58 1.58 1.83 26.6
## 9                     Jarrett Allen   12 11.2 10.4  1.7 0.58 1.58 1.83 26.6
## 10                    Jarrett Allen   12 11.2 10.4  1.7 0.58 1.58 1.83 26.6
## 11                    Jarrett Allen   51 13.2  9.9  1.7 0.47 1.41 1.53 30.3
## 12                    Jarrett Allen   51 13.2  9.9  1.7 0.47 1.41 1.53 30.3
## 13                    Jarrett Allen   51 13.2  9.9  1.7 0.47 1.41 1.53 30.3
## 14                     Kyle Anderson  69 12.4  5.7  3.6 1.22 0.83 1.25 27.4
## 15          Giannis Antetokounmpo    61 28.1 11.0  5.9 1.18 1.21 3.39 33.0
## 16        Thanasis Antetokounmpo     57  2.9  2.2  0.8 0.39 0.18 0.75  9.7
## 17                 Carmelo Anthony    69 13.4  3.1  1.5 0.67 0.55 0.88 24.5
## 18                    Cole Anthony    47 12.9  4.7  4.1 0.64 0.38 2.26 27.1
## 19                      OG Anunoby    43 15.9  5.5  2.2 1.53 0.72 1.74 33.3
## 20                 Ryan Arcidiacono   44  3.1  1.5  1.3 0.20 0.00 0.23 10.2
## 21                 Ryan Arcidiacono   44  3.1  1.5  1.3 0.20 0.00 0.23 10.2
## 22                 Ryan Arcidiacono   44  3.1  1.5  1.3 0.20 0.00 0.23 10.2
## 23                    D.J. Augustin   37  6.1  1.4  3.0 0.54 0.03 0.92 19.3
## 24                    D.J. Augustin   20 10.6  2.2  3.9 0.40 0.00 1.55 20.8
## 25                     Deni Avdija    54  6.3  4.8  1.2 0.59 0.28 0.61 23.3
## 26                  Deandre Ayton    69 14.4 10.5  1.4 0.59 1.17 1.48 30.6
## 27                  Udoka Azubuike   15  1.1  0.9  0.0 0.07 0.27 0.20  3.8
## 28              Marvin Bagley III   43 14.1  7.4  1.0 0.49 0.49 1.37 25.9
## 29                    LaMelo Ball    51 15.7  5.9  6.1 1.59 0.35 2.84 28.8
## 30                     Lonzo Ball    55 14.6  4.8  5.7 1.49 0.56 2.24 31.8
## 31                       Mo Bamba    46  8.0  5.8  0.8 0.30 1.26 0.80 15.8
## 32                   Desmond Bane    68  9.2  3.1  1.7 0.62 0.24 0.87 22.3
## 33                 Harrison Barnes   58 16.1  6.6  3.5 0.74 0.19 1.60 36.3
## 34                    RJ Barrett    72 17.6  5.8  3.0 0.74 0.28 1.93 34.9
## 35                   Will Barton    56 12.7  4.0  3.2 0.89 0.41 1.71 31.0
## 36               Keita Bates-Diop   30  2.6  1.6  0.4 0.37 0.17 0.23  8.2
## 37                  Nicolas Batum   67  8.1  4.7  2.2 1.03 0.55 0.79 27.4
## 38                  Nicolas Batum   67  8.1  4.7  2.2 1.03 0.55 0.79 27.4
## 39                  Kent Bazemore   67  7.2  3.4  1.6 1.03 0.49 1.22 19.9
## 40                  Darius Bazley   55 13.7  7.2  1.8 0.53 0.45 2.22 31.2
## 41                   Bradley Beal   60 31.3  4.7  4.4 1.15 0.37 3.12 35.8
## 42                  Malik Beasley   37 19.6  4.4  2.4 0.81 0.19 1.62 32.8
## 43                DeAndre' Bembry   51  5.7  2.9  2.1 1.04 0.35 1.39 19.1
## 44                DeAndre' Bembry   51  5.7  2.9  2.1 1.04 0.35 1.39 19.1
## 45               Patrick Beverley   37  7.5  3.2  2.1 0.76 0.76 0.92 22.5
## 46                     Saddiq Bey   70 12.2  4.6  1.4 0.74 0.20 0.86 27.3
## 47                     Khem Birch   48  5.3  5.1  1.1 0.67 0.58 0.48 19.8
## 48                     Khem Birch   19 11.9  7.5  1.9 0.89 1.16 1.11 30.4
## 49                   Goga Bitadze   45  5.1  3.3  0.8 0.20 1.33 0.38 12.5
## 50                Bismack Biyombo   66  5.0  5.3  1.2 0.26 1.12 1.08 20.4
## 51                Bismack Biyombo   66  5.0  5.3  1.2 0.26 1.12 1.08 20.4
## 52                Nemanja Bjelica   26  7.2  3.8  1.9 0.31 0.08 1.08 16.9
## 53                Nemanja Bjelica   11  5.0  2.5  1.8 0.64 0.27 0.45 14.2
## 54                   Eric Bledsoe   71 12.2  3.4  3.8 0.77 0.34 1.58 29.7
## 55                        Bol Bol   32  2.2  0.8  0.2 0.09 0.31 0.41  5.0
## 56                    Isaac Bonga   40  2.0  1.7  0.6 0.28 0.23 0.55 10.8
## 57                   Devin Booker   67 25.6  4.2  4.3 0.79 0.24 3.09 33.9
## 58                  Chris Boucher   60 13.6  6.7  1.1 0.58 1.85 0.77 24.2
## 59                  Avery Bradley   10  8.5  1.8  1.4 0.70 0.10 0.90 21.1
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## 60             Avery Bradley  17  5.2  2.3  1.9 0.82 0.18 1.12 23.0
## 61              Tony Bradley  20  5.5  5.2  0.9 0.30 0.65 0.30 14.4
## 62              Tony Bradley  22  8.7  6.1  0.9 0.41 0.77 1.23 18.0
## 63             Miles Bridges  66 12.7  6.0  2.2 0.67 0.79 1.61 29.3
## 64             Mikal Bridges  72 13.5  4.3  2.1 1.06 0.88 0.81 32.6
## 65           Malcolm Brogdon  56 21.2  5.3  5.9 0.88 0.27 2.05 34.5
## 66             Dillon Brooks  67 17.2  2.9  2.3 1.16 0.39 1.78 29.8
## 67            Troy Brown Jr.  21  4.3  2.9  0.9 0.14 0.19 0.76 13.7
## 68            Troy Brown Jr.  13  5.5  3.4  0.8 0.54 0.15 0.38 18.2
## 69               Bruce Brown  65  8.8  5.4  1.6 0.86 0.43 0.83 22.3
## 70              Jaylen Brown  58 24.7  6.0  3.4 1.24 0.55 2.72 34.5
## 71               Moses Brown  43  8.6  8.9  0.2 0.72 1.12 1.00 21.4
## 72            Sterling Brown  51  8.2  4.4  1.4 0.75 0.24 0.80 24.1
## 73             Jalen Brunson  68 12.6  3.4  3.5 0.51 0.01 1.18 25.0
## 74             Thomas Bryant  10 14.3  6.1  1.5 0.40 0.80 1.10 27.1
## 75            Reggie Bullock  65 10.9  3.4  1.5 0.80 0.17 0.69 30.0
## 76                Trey Burke  62  6.6  0.9  1.3 0.60 0.10 0.53 14.7
## 77                Alec Burks  49 12.7  4.6  2.2 0.63 0.29 1.00 25.6
## 78              Jimmy Butler  52 21.5  6.9  7.1 2.08 0.35 2.10 33.6
## 79   Kentavious Caldwell-Pope  67  9.7  2.7  1.9 0.93 0.39 1.01 28.4
## 80           Facundo Campazzo  65  6.1  2.1  3.6 1.22 0.22 1.12 21.9
## 81              Clint Capela  63 15.2 14.3  0.8 0.70 2.05 1.16 30.1
## 82           Vernon Carey Jr.  19  2.4  1.4  0.1 0.05 0.26 0.26  6.0
## 83          Wendell Carter Jr.  32 10.9  7.8  2.2 0.56 0.75 1.53 24.7
## 84          Wendell Carter Jr.  22 11.7  8.8  1.6 0.77 0.82 1.32 26.5
## 85               Jevon Carter  60  4.1  1.5  1.2 0.48 0.15 0.27 11.9
## 86   Michael Carter-Williams  31  8.8  4.5  4.1 0.81 0.55 2.23 25.8
## 87               Alex Caruso  58  6.4  2.9  2.8 1.10 0.26 1.31 21.0
## 88           Marquese Chriss   2  6.5  6.5  1.0 0.00 1.00 1.00 13.4
## 89           Marquese Chriss   2  6.5  6.5  1.0 0.00 1.00 1.00 13.4
## 90           Marquese Chriss   2  6.5  6.5  1.0 0.00 1.00 1.00 13.4
## 91           Marquese Chriss   2  6.5  6.5  1.0 0.00 1.00 1.00 13.4
## 92            Brandon Clarke  59 10.3  5.6  1.6 1.03 0.86 0.56 24.0
## 93                Gary Clark  35  3.4  3.2  0.9 0.34 0.20 0.49 18.2
## 94                Gary Clark   2  0.0  0.5  0.0 0.00 0.00 0.00  2.1
## 95                Gary Clark   2  0.0  1.0  0.5 0.50 0.00 0.00  6.4
## 96            Jordan Clarkson  68 18.4  4.0  2.5 0.90 0.15 1.69 26.7
## 97              John Collins  63 17.6  7.4  1.2 0.54 1.00 1.33 29.3
## 98               Mike Conley  51 16.2  3.5  6.0 1.37 0.18 1.94 29.4
## 99           Pat Connaughton  69  6.8  4.8  1.2 0.68 0.33 0.48 22.8
## 100          DeMarcus Cousins  25  9.6  7.6  2.4 0.84 0.72 1.56 20.2
## 101          DeMarcus Cousins  25  9.6  7.6  2.4 0.84 0.72 1.56 20.2
## 102          DeMarcus Cousins  25  9.6  7.6  2.4 0.84 0.72 1.56 20.2
## 103          DeMarcus Cousins  25  9.6  7.6  2.4 0.84 0.72 1.56 20.2
## 104          DeMarcus Cousins  16  7.8  4.5  1.0 0.81 0.38 1.56 12.9
## 105          DeMarcus Cousins  16  7.8  4.5  1.0 0.81 0.38 1.56 12.9
## 106          DeMarcus Cousins  16  7.8  4.5  1.0 0.81 0.38 1.56 12.9
## 107          DeMarcus Cousins  16  7.8  4.5  1.0 0.81 0.38 1.56 12.9
## 108          Robert Covington  70  8.5  6.7  1.7 1.44 1.20 0.91 32.0
## 109              Torrey Craig  18  2.5  2.4  0.9 0.50 0.39 0.28 11.2
## 110              Torrey Craig  32  7.2  4.8  1.0 0.59 0.59 0.63 18.8
## 111               Jae Crowder  60 10.1  4.7  2.1 0.82 0.43 0.92 27.5
## 112            Jarrett Culver  34  5.3  3.1  0.7 0.50 0.26 0.82 14.7
## 113                Seth Curry  57 12.5  2.4  2.7 0.77 0.14 1.14 28.7
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## 114              Stephen Curry   63 32.0   5.5  5.8 1.21 0.13 3.38 34.2
## 115              Anthony Davis   36 21.8   7.9  3.1 1.25 1.64 2.06 32.3
## 116                   Ed Davis   23  2.1   5.0  0.9 0.57 0.57 0.30 13.0
## 117              Terence Davis   34  6.9   1.9  1.1 0.50 0.21 0.85 14.5
## 118              Terence Davis   27 11.1   3.3  1.7 1.04 0.26 1.26 21.5
## 119              DeMar DeRozan   61 21.6   4.2  6.9 0.92 0.25 1.95 33.7
## 120             Hamidou Diallo   32 11.9   5.2  2.4 0.97 0.38 1.53 23.8
## 121             Hamidou Diallo   20 11.2   5.4  1.2 0.50 0.60 1.35 23.3
## 122               Gorgui Dieng   22  7.9   4.5  1.3 0.77 0.64 1.00 16.9
## 123               Gorgui Dieng   16  5.3   2.6  1.2 0.56 0.13 0.63 11.3
## 124          Spencer Dinwiddie    3  6.7   4.3  3.0 0.67 0.33 1.67 21.4
## 125          Donte DiVincenzo   66 10.4   5.8  3.1 1.09 0.23 1.39 27.5
## 126             Luguentz Dort   52 14.0   3.6  1.7 0.87 0.37 1.52 29.7
## 127           Sekou Doumbouya   56  5.1   2.6  0.8 0.43 0.16 0.79 15.5
## 128                 PJ Dozier   50  7.7   3.6  1.8 0.62 0.44 0.94 21.8
## 129             Andre Drummond   25 17.5  13.5  2.6 1.60 1.16 3.24 28.9
## 130             Andre Drummond   21 11.9  10.2  1.4 1.10 0.95 2.05 24.8
## 131               Kevin Durant   35 26.9   7.1  5.6 0.71 1.29 3.43 33.1
## 132            Anthony Edwards   72 19.3   4.7  2.9 1.14 0.49 2.24 32.1
## 133                 CJ Elleby   30  2.3   1.1  0.3 0.20 0.10 0.17  6.4
## 134            Wayne Ellington   46  9.6   1.8  1.5 0.39 0.20 0.72 22.0
## 135                Joel Embiid   51 28.5  10.5  2.8 0.98 1.35 3.12 31.1
## 136               Drew Eubanks   54  5.8   4.5  0.8 0.33 0.91 0.83 14.0
## 137             Derrick Favors   68  5.4   5.5  0.6 0.47 1.00 0.53 15.3
## 138             Bruno Fernando   33  1.5   2.4  0.3 0.12 0.09 0.64  6.8
## 139        Dorian Finney-Smith   60  9.8   5.4  1.7 0.87 0.40 0.80 32.0
## 140              Malachi Flynn   47  7.5   2.5  2.9 0.83 0.15 0.91 19.7
## 141              Evan Fournier   26 19.7   2.9  3.7 1.04 0.35 2.08 30.3
## 142              Evan Fournier   16 13.0   3.3  3.1 1.25 0.63 1.19 29.5
## 143               De'Aaron Fox   58 25.2   3.5  7.2 1.50 0.47 3.00 35.1
## 144              Markelle Fultz    8 12.9   3.1  5.4 1.00 0.25 2.25 26.9
## 145              Daniel Gafford   31  4.7   3.3  0.5 0.35 1.10 0.71 12.4
## 146              Daniel Gafford   23 10.1   5.6  0.5 0.65 1.78 0.83 17.8
## 147           Danilo Gallinari   51 13.3   4.2  1.5 0.59 0.20 0.84 24.0
## 148              Darius Garland   54 17.4   2.4  6.1 1.22 0.11 3.04 33.1
## 149                  Rudy Gay   63 11.4   4.8  1.4 0.73 0.63 1.03 21.5
## 150                Paul George   54 23.3   6.6  5.2 1.15 0.44 3.31 33.7
## 151                Taj Gibson   45  5.4   5.6  0.8 0.69 1.09 0.49 20.8
## 152   Shai Gilgeous-Alexander   35 23.7   4.7  5.9 0.77 0.66 3.03 33.7
## 153               Anthony Gill   26  3.1   2.0  0.4 0.38 0.15 0.31  8.4
## 154                Rudy Gobert   71 14.3  13.5  1.3 0.56 2.68 1.66 30.8
## 155             Brandon Goodwin   47  4.9   1.5  2.0 0.36 0.00 0.77 13.2
## 156               Aaron Gordon   25 14.6   6.6  4.2 0.64 0.80 2.68 29.4
## 157               Aaron Gordon   25 10.2   4.7  2.2 0.68 0.56 1.16 25.9
## 158                Eric Gordon   27 17.8   2.1  2.6 0.52 0.48 1.89 29.2
## 159             Devonte' Graham   55 14.8   2.7  5.4 0.87 0.11 1.53 30.2
## 160               Jerami Grant   54 22.3   4.6  2.8 0.65 1.07 2.02 33.9
## 161                Danny Green   69  9.5   3.8  1.7 1.33 0.81 0.96 28.0
## 162             Draymond Green   63  7.0   7.1  8.9 1.70 0.83 2.98 31.5
## 163             JaMychal Green   58  8.1   4.8  0.9 0.45 0.38 0.91 19.3
## 164             Javonte Green   25  4.2   2.1  0.4 0.72 0.08 0.52 13.8
## 165             Javonte Green   16  2.6   1.2  0.4 0.63 0.25 0.38  8.0
## 166                 Jeff Green   68 11.0   3.9  1.6 0.53 0.40 0.79 27.0
## 167                 Josh Green   39  2.6   2.0  0.7 0.41 0.08 0.44 11.4
```

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## 168             Blake Griffin   20 12.3  5.2  3.9 0.70 0.10 1.60 31.3
## 169             Blake Griffin   20 12.3  5.2  3.9 0.70 0.10 1.60 31.3
## 170             Blake Griffin   26 10.0  4.7  2.4 0.69 0.50 1.15 21.5
## 171             Blake Griffin   26 10.0  4.7  2.4 0.69 0.50 1.15 21.5
## 172                  Kyle Guy   31  2.8  1.1  1.0 0.19 0.00 0.35  7.6
## 173                  Kyle Guy   31  2.8  1.1  1.0 0.19 0.00 0.35  7.6
## 174            Rui Hachimura   57 13.8  5.5  1.4 0.79 0.12 1.19 31.5
## 175         Tyrese Haliburton   58 13.0  3.0  5.3 1.33 0.48 1.59 30.1
## 176            R.J. Hampton   25  2.6  2.0  0.6 0.20 0.08 0.44  9.3
## 177            R.J. Hampton   26 11.2  5.0  2.8 0.62 0.35 1.62 25.2
## 178          Tim Hardaway Jr.   70 16.6  3.3  1.8 0.44 0.16 0.91 28.4
## 179             James Harden    8 24.8  5.1 10.4 0.88 0.75 4.25 36.3
## 180             James Harden    8 24.8  5.1 10.4 0.88 0.75 4.25 36.3
## 181             James Harden    8 24.8  5.1 10.4 0.88 0.75 4.25 36.3
## 182             James Harden   36 24.6  8.6 10.9 1.28 0.75 3.97 36.6
## 183             James Harden   36 24.6  8.6 10.9 1.28 0.75 3.97 36.6
## 184             James Harden   36 24.6  8.6 10.9 1.28 0.75 3.97 36.6
## 185          Maurice Harkless   11  1.4  1.2  0.6 0.18 0.36 0.27 11.2
## 186          Maurice Harkless   26  6.9  3.0  1.4 1.08 0.65 0.77 24.9
## 187          Montrezl Harrell   69 13.5  6.2  1.1 0.67 0.71 1.07 22.9
## 188               Gary Harris   19  9.7  2.5  1.7 0.89 0.21 0.74 30.6
## 189               Gary Harris   20 10.2  1.6  2.3 0.55 0.30 1.15 24.9
## 190                Joe Harris   69 14.1  3.6  1.9 0.68 0.20 0.90 31.0
## 191             Tobias Harris   62 19.5  6.8  3.5 0.89 0.82 1.73 32.5
## 192         Isaiah Hartenstein   30  3.5  2.8  0.5 0.37 0.67 0.70  9.1
## 193         Isaiah Hartenstein   30  3.5  2.8  0.5 0.37 0.67 0.70  9.1
## 194         Isaiah Hartenstein   16  8.3  6.0  2.5 0.50 1.19 1.44 17.9
## 195         Isaiah Hartenstein   16  8.3  6.0  2.5 0.50 1.19 1.44 17.9
## 196                 Josh Hart   47  9.2  8.0  2.3 0.81 0.26 1.09 28.7
## 197              Jaxson Hayes   60  7.5  4.3  0.6 0.42 0.63 0.65 16.1
## 198              Killian Hayes   26  6.8  2.7  5.3 1.04 0.38 3.19 25.8
## 199             Gordon Hayward   44 19.6  5.9  4.1 1.18 0.32 2.07 34.0
## 200                Tyler Herro   54 15.1  4.9  3.4 0.65 0.31 1.87 30.3
## 201               Buddy Hield   71 16.6  4.7  3.6 0.89 0.42 1.83 34.3
## 202               George Hill   14 11.8  2.1  3.1 0.86 0.14 0.86 26.3
## 203               George Hill   14 11.8  2.1  3.1 0.86 0.14 0.86 26.3
## 204               George Hill   16  6.0  2.0  1.9 0.69 0.19 1.19 18.9
## 205               George Hill   16  6.0  2.0  1.9 0.69 0.19 1.19 18.9
## 206              Solomon Hill   71  4.4  3.0  1.1 0.70 0.15 0.59 21.3
## 207              Aaron Holiday   66  7.2  1.3  1.9 0.70 0.20 1.00 17.8
## 208               Jrue Holiday   59 17.7  4.5  6.1 1.64 0.63 2.15 32.3
## 209              Justin Holiday   72 10.5  3.6  1.7 1.03 0.57 0.75 30.3
## 210             Richaun Holmes   61 14.2  8.3  1.7 0.64 1.56 1.23 29.2
## 211               Rodney Hood   38  4.7  1.9  1.2 0.53 0.11 0.82 19.1
## 212               Rodney Hood   17  3.9  1.8  0.4 0.24 0.18 0.29 12.7
## 213                 Al Horford   28 14.2  6.7  3.4 0.89 0.93 1.04 27.9
## 214         Talen Horton-Tucker   65  9.0  2.6  2.8 0.97 0.32 1.63 20.1
## 215              Dwight Howard   69  7.0  8.4  0.9 0.43 0.90 1.62 17.3
## 216              Kevin Huerter   69 11.9  3.3  3.5 1.19 0.26 1.14 30.8
## 217              Elijah Hughes   18  1.7  0.5  0.3 0.06 0.06 0.33  3.5
## 218            De'Andre Hunter   23 15.0  4.8  1.9 0.83 0.52 1.26 29.5
## 219               Serge Ibaka   41 11.1  6.7  1.8 0.22 1.15 1.07 23.3
## 220             Andre Iguodala   63  4.4  3.5  2.3 0.92 0.52 1.06 21.3
## 221                Joe Ingles   67 12.1  3.6  4.7 0.67 0.18 1.75 27.9
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## 222          Brandon Ingram   61 23.8   4.9   4.9 0.69 0.59 2.51 34.3
## 223            Kyrie Irving   54 26.9   4.8   6.0 1.41 0.69 2.39 34.9
## 224           Frank Jackson   40  9.8   2.2   0.9 0.38 0.03 0.88 18.5
## 225            Josh Jackson   62 13.4   4.1   2.3 0.85 0.76 2.29 25.2
## 226          Reggie Jackson   67 10.7   2.9   3.1 0.63 0.10 1.10 23.0
## 227            LeBron James   45 25.0   7.7   7.8 1.07 0.56 3.73 33.4
## 228             Isaiah Joe   41  3.7   0.9   0.5 0.29 0.10 0.27  9.3
## 229         Cameron Johnson   60  9.6   3.3   1.4 0.62 0.27 0.67 24.0
## 230           James Johnson   29  5.7   3.0   1.7 0.83 0.79 0.93 17.4
## 231           James Johnson   22  9.2   4.1   2.2 0.82 0.86 1.27 24.5
## 232          Keldon Johnson   69 12.8   6.0   1.8 0.58 0.35 1.13 28.5
## 233         Stanley Johnson   61  4.4   2.5   1.5 0.85 0.31 0.89 16.5
## 234         Stanley Johnson   61  4.4   2.5   1.5 0.85 0.31 0.89 16.5
## 235         Stanley Johnson   61  4.4   2.5   1.5 0.85 0.31 0.89 16.5
## 236         Stanley Johnson   61  4.4   2.5   1.5 0.85 0.31 0.89 16.5
## 237         Stanley Johnson   61  4.4   2.5   1.5 0.85 0.31 0.89 16.5
## 238        Derrick Jones Jr.  58  6.8   3.5   0.8 0.64 0.93 0.55 22.7
## 239            Damian Jones   14  1.6   1.3   0.3 0.07 0.36 0.43  6.7
## 240            Damian Jones    8  5.4   3.3   0.1 0.13 0.88 0.63 14.0
## 241            Damian Jones   17  6.9   4.5   1.4 0.53 1.00 0.88 20.0
## 242               Tre Jones   37  2.5   0.6   1.1 0.22 0.00 0.35  7.3
## 243              Tyus Jones   70  6.3   2.0   3.7 0.90 0.09 0.69 17.5
## 244           DeAndre Jordan   57  7.5   7.5   1.6 0.30 1.14 1.49 21.9
## 245           DeAndre Jordan   57  7.5   7.5   1.6 0.30 1.14 1.49 21.9
## 246             Cory Joseph   44  6.6   2.3   2.5 0.86 0.20 1.00 21.5
## 247             Cory Joseph   44  6.6   2.3   2.5 0.86 0.20 1.00 21.5
## 248             Cory Joseph   19 12.0   3.2   5.5 1.21 0.47 1.79 26.4
## 249             Cory Joseph   19 12.0   3.2   5.5 1.21 0.47 1.79 26.4
## 250          Frank Kaminsky   47  6.6   4.0   1.7 0.30 0.36 0.47 15.2
## 251            Luke Kennard   63  8.3   2.6   1.7 0.35 0.14 0.76 19.6
## 252             Maxi Kleber   50  7.1   5.2   1.4 0.48 0.70 0.60 26.8
## 253            John Konchar   43  4.3   3.0   1.1 0.70 0.21 0.42 13.4
## 254           Furkan Korkmaz   55  9.1   2.1   1.5 0.89 0.16 0.84 19.3
## 255             Luke Kornet   13  2.0   1.2   0.3 0.15 0.54 0.08  7.2
## 256             Luke Kornet   13  2.0   1.2   0.3 0.15 0.54 0.08  7.2
## 257             Luke Kornet   13  2.0   1.2   0.3 0.15 0.54 0.08  7.2
## 258             Luke Kornet   18  4.4   2.9   1.1 0.11 1.39 0.33 14.1
## 259             Luke Kornet   18  4.4   2.9   1.1 0.11 1.39 0.33 14.1
## 260             Luke Kornet   18  4.4   2.9   1.1 0.11 1.39 0.33 14.1
## 261              Kyle Kuzma   68 12.9   6.1   1.9 0.50 0.60 1.66 28.7
## 262             Jeremy Lamb   36 10.1   3.6   1.5 0.94 0.64 0.61 21.3
## 263             Zach LaVine   58 27.4   5.0   4.9 0.79 0.47 3.50 35.1
## 264             Jake Layman   45  5.1   1.5   0.6 0.64 0.42 0.58 13.9
## 265             Damion Lee   57  6.5   3.2   1.3 0.67 0.14 0.53 18.9
## 266              Saben Lee   48  5.6   2.0   3.6 0.67 0.27 1.15 16.3
## 267               Alex Len    7  2.3   1.6   0.4 0.14 0.86 1.14 10.8
## 268               Alex Len    7  2.3   1.6   0.4 0.14 0.86 1.14 10.8
## 269               Alex Len    7  2.3   1.6   0.4 0.14 0.86 1.14 10.8
## 270               Alex Len   57  7.1   4.4   0.8 0.33 1.02 0.82 15.8
## 271               Alex Len   57  7.1   4.4   0.8 0.33 1.02 0.82 15.8
## 272               Alex Len   57  7.1   4.4   0.8 0.33 1.02 0.82 15.8
## 273           Kawhi Leonard   52 24.8   6.5   5.2 1.56 0.40 2.02 34.1
## 274            Caris LeVert   12 18.5   4.3   6.0 1.08 0.50 2.17 27.8
## 275            Caris LeVert   35 20.7   4.6   4.9 1.51 0.69 2.17 32.9
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## 276         Kira Lewis Jr.     54  6.4  1.3  2.3 0.70 0.19 0.63 16.7
## 277         Damian Lillard     67 28.7  4.2  7.5 0.93 0.25 3.03 35.8
## 278         Nassir Little      48  4.6  2.7  0.5 0.10 0.27 0.38 13.3
## 279         Kevon Looney       61  4.1  5.3  1.9 0.36 0.36 0.61 19.0
## 280         Brook Lopez        70 12.3  5.0  0.7 0.57 1.47 0.91 27.2
## 281         Robin Lopez        71  9.0  3.8  0.8 0.21 0.62 1.06 19.1
## 282         Kevin Love         25 12.2  7.4  2.5 0.64 0.08 1.52 24.9
## 283         Kyle Lowry         46 17.2  5.3  7.3 1.02 0.26 2.74 34.8
## 284         Trey Lyles         23  5.0  3.7  0.6 0.26 0.04 0.26 15.6
## 285         Terance Mann       67  7.0  3.6  1.6 0.45 0.19 0.60 18.9
## 286       Lauri Markkanen      51 13.6  5.3  0.9 0.51 0.29 1.02 25.8
## 287         Naji Marshall      32  7.7  4.6  2.8 0.81 0.31 1.19 21.9
## 288     Kenyon Martin Jr.      45  9.3  5.4  1.1 0.67 0.91 0.84 23.7
## 289         Caleb Martin       53  5.0  2.7  1.3 0.70 0.23 0.62 15.4
## 290         Cody Martin        52  4.0  3.1  1.7 0.73 0.23 0.77 16.3
## 291       Garrison Mathews     64  5.5  1.4  0.4 0.45 0.11 0.16 16.2
## 292       Wesley Matthews      58  4.8  1.6  0.9 0.64 0.28 0.45 19.5
## 293         Tyrese Maxey       61  8.0  1.7  2.0 0.43 0.21 0.67 15.3
## 294         CJ McCollum        47 23.1  3.9  4.7 0.94 0.45 1.36 34.0
## 295       T.J. McConnell       69  8.6  3.7  6.6 1.86 0.33 1.96 26.0
## 296        Jalen McDaniels     47  7.4  3.6  1.1 0.60 0.40 0.96 19.2
## 297        Jaden McDaniels     63  6.8  3.7  1.1 0.56 0.95 0.75 24.0
## 298        Doug McDermott      66 13.6  3.3  1.3 0.30 0.09 0.80 24.5
## 299         JaVale McGee       33  8.0  5.2  1.0 0.48 1.21 1.36 15.2
## 300         JaVale McGee       13  5.5  5.3  0.5 0.23 1.08 1.15 13.5
## 301       Rodney McGruder      16  5.7  1.4  1.0 0.50 0.06 0.44 12.1
## 302       Alfonzo McKinnie     39  3.1  1.4  0.2 0.18 0.00 0.13  6.6
## 303       Alfonzo McKinnie     39  3.1  1.4  0.2 0.18 0.00 0.13  6.6
## 304       Alfonzo McKinnie     39  3.1  1.4  0.2 0.18 0.00 0.13  6.6
## 305       Jordan McLaughlin    51  5.0  2.1  3.8 1.00 0.12 1.00 18.4
## 306         Ben McLemore       32  7.4  2.1  0.9 0.63 0.09 0.88 16.8
## 307         Ben McLemore       21  8.0  1.6  0.5 0.14 0.29 0.71 17.5
## 308      De'Anthony Melton     52  9.1  3.1  2.5 1.13 0.60 1.27 20.1
## 309         Sam Merrill        30  3.0  1.0  0.7 0.27 0.03 0.33  7.8
## 310        Chimezie Metu       36  6.3  3.1  0.8 0.39 0.53 0.81 13.6
## 311       Khris Middleton      68 20.4  6.0  5.4 1.09 0.15 2.60 33.4
## 312         Paul Millsap       56  9.0  4.7  1.8 0.91 0.64 0.91 20.8
## 313         Patty Mills        68 10.8  1.7  2.4 0.60 0.04 0.96 24.8
## 314         Shake Milton       63 13.0  2.3  3.1 0.62 0.29 1.63 23.2
## 315       Donovan Mitchell     53 26.4  4.4  5.2 0.98 0.28 2.77 33.4
## 316         Malik Monk         42 11.7  2.4  2.1 0.45 0.10 1.31 20.9
## 317         E'Twaun Moore      27  4.9  1.7  1.5 0.56 0.19 0.85 14.4
## 318          Ja Morant         63 19.1  4.0  7.4 0.90 0.21 3.22 32.6
## 319        Markieff Morris     61  6.7  4.4  1.2 0.36 0.31 0.89 19.7
## 320         Monte Morris       47 10.2  2.0  3.2 0.72 0.28 0.72 25.5
## 321       Dejounte Murray      67 15.7  7.1  5.4 1.51 0.10 1.75 31.9
## 322         Jamal Murray       48 21.2  4.0  4.8 1.33 0.27 2.23 35.5
## 323         Mike Muscala       35  9.7  3.8  0.8 0.23 0.31 0.60 18.4
## 324         Abdel Nader        24  6.7  2.6  0.8 0.42 0.38 0.79 14.8
## 325        Larry Nance Jr.     35  9.3  6.7  3.1 1.74 0.49 1.57 31.2
## 326        Aaron Nesmith       46  4.7  2.8  0.5 0.33 0.20 0.50 14.5
## 327          Raul Neto         64  8.7  2.4  2.3 1.14 0.09 0.83 21.9
## 328        Georges Niang       72  6.9  2.4  0.8 0.36 0.10 0.71 16.0
## 329          Zeke Nnaji        41  3.3  1.6  0.2 0.17 0.10 0.17  9.5
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## 330            Nerlens Noel  64  5.1   6.4  0.7 1.09 2.20 1.02 24.2
## 331           Jaylen Nowell  42  9.0   2.3  1.5 0.52 0.29 0.67 18.1
## 332         Frank Ntilikina  33  2.7   0.9  0.6 0.55 0.12 0.33  9.8
## 333           Kendrick Nunn  56 14.6   3.2  2.6 0.96 0.25 1.43 29.5
## 334             David Nwaba  30  9.2   3.9  1.0 1.00 0.70 0.57 22.6
## 335             Jordan Nwora  30  5.7   2.0  0.2 0.53 0.23 0.80  9.1
## 336            Semi Ojeleye  56  4.6   2.6  0.7 0.30 0.00 0.38 17.0
## 337             Chuma Okeke  45  7.8   4.0  2.2 1.07 0.51 0.84 25.2
## 338             Josh Okogie  59  5.4   2.6  1.1 0.92 0.47 0.73 20.3
## 339          Onyeka Okongwu  50  4.6   3.3  0.4 0.46 0.66 0.58 12.0
## 340             Isaac Okoro  67  9.6   3.1  1.9 0.93 0.36 1.28 32.4
## 341               KZ Okpala  37  2.5   1.8  0.5 0.27 0.30 0.41 12.1
## 342          Victor Oladipo   9 20.0   5.7  4.2 1.67 0.22 2.00 33.3
## 343          Victor Oladipo   9 20.0   5.7  4.2 1.67 0.22 2.00 33.3
## 344          Victor Oladipo   9 20.0   5.7  4.2 1.67 0.22 2.00 33.3
## 345          Victor Oladipo  20 21.2   4.8  5.0 1.20 0.50 2.55 33.5
## 346          Victor Oladipo  20 21.2   4.8  5.0 1.20 0.50 2.55 33.5
## 347          Victor Oladipo  20 21.2   4.8  5.0 1.20 0.50 2.55 33.5
## 348          Victor Oladipo   4 12.0   3.5  3.5 1.75 0.50 3.50 27.8
## 349          Victor Oladipo   4 12.0   3.5  3.5 1.75 0.50 3.50 27.8
## 350          Victor Oladipo   4 12.0   3.5  3.5 1.75 0.50 3.50 27.8
## 351            Kelly Olynyk  43 10.0   6.1  2.1 0.93 0.60 1.28 26.9
## 352            Kelly Olynyk  27 19.0   8.4  4.1 1.44 0.59 2.63 31.1
## 353           Royce O'Neale  71  7.0   6.8  2.5 0.80 0.45 1.17 31.6
## 354                Miye Oni  54  1.9   1.6  0.5 0.20 0.15 0.30  9.6
## 355                Miye Oni  54  1.9   1.6  0.5 0.20 0.15 0.30  9.6
## 356              Cedi Osman  59 10.4   3.4  2.9 0.90 0.15 1.36 25.6
## 357         Kelly Oubre Jr.  55 15.4   6.0  1.3 1.04 0.76 1.27 30.7
## 358           Eric Paschall  40  9.5   3.2  1.3 0.30 0.18 1.08 17.4
## 359              Chris Paul  70 16.4   4.4  8.9 1.43 0.26 2.23 31.4
## 360           Cameron Payne  60  8.4   2.4  3.6 0.60 0.27 1.00 18.0
## 361           Elfrid Payton  63 10.1   3.4  3.2 0.75 0.14 1.63 23.6
## 362             Theo Pinson  17  0.1   0.3  0.1 0.00 0.00 0.06  2.0
## 363             Theo Pinson  17  0.1   0.3  0.1 0.00 0.00 0.06  2.0
## 364           Mason Plumlee  56 10.4   9.3  3.6 0.77 0.89 1.88 26.8
## 365            Jakob Poeltl  69  8.6   7.9  1.9 0.68 1.78 1.22 26.7
## 366       Aleksej Pokusevski  45  8.2   4.7  2.2 0.44 0.93 2.20 24.2
## 367            Jordan Poole  51 12.0   1.8  1.9 0.51 0.18 1.00 19.4
## 368       Michael Porter Jr.  61 19.0   7.3  1.1 0.66 0.89 1.28 31.3
## 369            Bobby Portis  66 11.4   7.1  1.1 0.79 0.39 0.85 20.8
## 370            Dwight Powell  58  5.9   4.1  1.1 0.60 0.52 0.69 16.6
## 371           Norman Powell  42 19.6   3.0  1.8 1.12 0.19 1.83 30.4
## 372           Norman Powell  27 17.0   3.3  1.9 1.30 0.37 1.59 34.4
## 373           Taurean Prince  12  8.1   2.8  0.6 0.67 0.67 0.92 18.2
## 374           Taurean Prince  12  8.1   2.8  0.6 0.67 0.67 0.92 18.2
## 375           Taurean Prince  12  8.1   2.8  0.6 0.67 0.67 0.92 18.2
## 376           Taurean Prince  29 10.1   3.7  2.4 0.69 0.52 1.24 23.7
## 377           Taurean Prince  29 10.1   3.7  2.4 0.69 0.52 1.24 23.7
## 378           Taurean Prince  29 10.1   3.7  2.4 0.69 0.52 1.24 23.7
## 379         Payton Pritchard  66  7.7   2.4  1.8 0.56 0.14 0.80 19.2
## 380       Immanuel Quickley  64 11.4   2.1  2.0 0.47 0.19 0.91 19.4
## 381          Jahmi'us Ramsey  13  3.1   0.8  0.5 0.31 0.08 0.23  7.3
## 382            Julius Randle  71 24.1  10.2  6.0 0.90 0.25 3.38 37.6
## 383             Cam Reddish  26 11.2   4.0  1.3 1.27 0.35 1.31 28.9
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## 384           Paul Reed    26  3.4   2.3  0.5 0.38 0.50 0.46  6.8
## 385            Naz Reid    70 11.2   4.6  1.0 0.49 1.07 0.99 19.2
## 386        Nick Richards    18  0.8   0.6  0.1 0.00 0.00 0.17  3.5
## 387      Josh Richardson    59 12.1   3.3  2.6 1.03 0.41 1.34 30.3
## 388         Austin Rivers    21  7.3   2.2  2.0 0.57 0.00 1.05 21.1
## 389         Austin Rivers    15  8.7   2.3  2.6 1.20 0.13 0.93 26.9
## 390       Duncan Robinson    72 13.1   3.5  1.8 0.60 0.28 1.13 31.4
## 391      Mitchell Robinson    31  8.3   8.1  0.5 1.13 1.45 0.84 27.5
## 392          Isaiah Roby    61  8.7   5.6  1.8 0.85 0.61 1.85 23.4
## 393          Rajon Rondo    27  3.9   2.0  3.5 0.70 0.07 1.44 14.9
## 394          Rajon Rondo    27  3.9   2.0  3.5 0.70 0.07 1.44 14.9
## 395          Rajon Rondo    18  7.6   3.1  5.8 0.94 0.11 2.22 20.4
## 396          Rajon Rondo    18  7.6   3.1  5.8 0.94 0.11 2.22 20.4
## 397          Derrick Rose    15 14.2   1.9  4.2 1.20 0.27 1.93 22.8
## 398          Derrick Rose    15 14.2   1.9  4.2 1.20 0.27 1.93 22.8
## 399          Derrick Rose    15 14.2   1.9  4.2 1.20 0.27 1.93 22.8
## 400          Derrick Rose    35 14.9   2.9  4.2 0.89 0.43 1.40 26.8
## 401          Derrick Rose    35 14.9   2.9  4.2 0.89 0.43 1.40 26.8
## 402          Derrick Rose    35 14.9   2.9  4.2 0.89 0.43 1.40 26.8
## 403         Terrence Ross    46 15.6   3.4  2.4 1.02 0.46 1.59 29.3
## 404          Terry Rozier    69 20.4   4.4  4.2 1.25 0.38 1.87 34.5
## 405           Ricky Rubio    68  8.6   3.3  6.4 1.46 0.06 1.63 26.1
## 406       D'Angelo Russell    42 19.0   2.6  5.8 1.07 0.43 2.67 28.5
## 407      Domantas Sabonis    62 20.3  12.0  6.7 1.23 0.53 3.44 36.0
## 408         Collin Sexton    60 24.3   3.1  4.4 1.05 0.17 2.78 35.3
## 409         Landry Shamet    61  9.3   1.8  1.6 0.52 0.16 0.79 23.0
## 410         Pascal Siakam    56 21.4   7.2  4.5 1.14 0.68 2.32 35.8
## 411           Ben Simmons    58 14.3   7.2  6.9 1.60 0.60 2.98 32.4
## 412        Anfernee Simons    64  7.8   2.2  1.4 0.28 0.13 0.67 17.3
## 413          Marcus Smart    48 13.1   3.5  5.7 1.50 0.50 2.00 32.9
## 414       Dennis Smith Jr.     3  3.0   0.7  1.0 1.00 0.00 0.33  9.2
## 415       Dennis Smith Jr.     3  3.0   0.7  1.0 1.00 0.00 0.33  9.2
## 416       Dennis Smith Jr.     3  3.0   0.7  1.0 1.00 0.00 0.33  9.2
## 417       Dennis Smith Jr.    20  7.3   2.7  3.7 1.00 0.70 1.25 19.6
## 418       Dennis Smith Jr.    20  7.3   2.7  3.7 1.00 0.70 1.25 19.6
## 419       Dennis Smith Jr.    20  7.3   2.7  3.7 1.00 0.70 1.25 19.6
## 420             Ish Smith    44  6.7   3.4  3.9 0.73 0.30 0.93 21.0
## 421           Jalen Smith    27  2.0   1.4  0.1 0.04 0.19 0.26  5.8
## 422             Tony Snell    47  5.3   2.4  1.3 0.28 0.23 0.45 21.1
## 423         Lamar Stevens    40  4.1   2.4  0.6 0.43 0.33 0.58 12.5
## 424        Isaiah Stewart    68  7.9   6.7  0.9 0.56 1.26 0.99 21.4
## 425             Max Strus    39  6.1   1.1  0.6 0.28 0.05 0.21 13.0
## 426        Jae'Sean Tate    70 11.3   5.3  2.5 1.21 0.51 1.41 29.2
## 427          Jayson Tatum    64 26.4   7.4  4.3 1.17 0.48 2.67 35.8
## 428        Garrett Temple    56  7.6   2.8  2.2 0.77 0.52 1.02 27.3
## 429          Tyrell Terry    11  1.0   0.5  0.5 0.45 0.00 0.18  5.1
## 430          Tyrell Terry    11  1.0   0.5  0.5 0.45 0.00 0.18  5.1
## 431           Daniel Theis    42  9.5   5.2  1.6 0.60 1.02 0.98 24.5
## 432           Daniel Theis    23 10.0   5.9  1.8 0.70 0.61 1.09 24.9
## 433           Matt Thomas    26  2.7   0.8  0.3 0.08 0.00 0.23  7.4
## 434           Matt Thomas    19  3.6   1.2  0.5 0.11 0.00 0.42  7.1
## 435      Tristan Thompson    54  7.6   8.1  1.2 0.44 0.61 1.15 23.8
## 436      Matisse Thybulle    65  3.9   1.9  1.0 1.62 1.09 0.49 20.0
## 437            Obi Toppin    62  4.1   2.2  0.5 0.27 0.24 0.37 11.0
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## 438         Juan Toscano-Anderson        53  5.7  4.4  2.8 0.77 0.49 1.17 20.9
## 439          Karl-Anthony Towns          50 24.8 10.6  4.5 0.76 1.14 3.20 33.8
## 440             Gary Trent Jr.           41 15.0  2.2  1.4 0.90 0.15 0.76 30.8
## 441             Gary Trent Jr.           17 16.2  3.6  1.3 1.12 0.24 0.71 31.8
## 442               P.J. Tucker            32  4.4  4.6  1.4 0.88 0.56 1.03 30.0
## 443               P.J. Tucker            20  2.6  2.8  0.8 0.50 0.10 0.35 19.8
## 444              Myles Turner            47 12.6  6.5  1.0 0.85 3.38 1.43 31.0
## 445           Jarred Vanderbilt          64  5.4  5.8  1.2 1.00 0.73 0.83 17.8
## 446             Fred VanVleet            52 19.6  4.2  6.3 1.67 0.71 1.83 36.5
## 447             Devin Vassell            62  5.5  2.8  0.9 0.69 0.29 0.35 17.0
## 448             Gabe Vincent             50  4.8  1.1  1.3 0.42 0.04 0.68 13.1
## 449                Dean Wade             63  6.0  3.4  1.2 0.54 0.33 0.48 19.2
## 450              Moritz Wagner           25  7.1  2.9  1.3 0.88 0.32 0.84 15.0
## 451              Moritz Wagner            9  1.2  2.1  0.7 0.00 0.11 1.00  6.8
## 452              Moritz Wagner           11 11.0  4.9  1.1 0.36 0.82 1.18 26.0
## 453              Kemba Walker            43 19.3  4.0  4.9 1.12 0.28 2.05 31.8
## 454              Kemba Walker            43 19.3  4.0  4.9 1.12 0.28 2.05 31.8
## 455                John Wall             40 20.6  3.2  6.9 1.05 0.78 3.53 32.2
## 456             Brad Wanamaker           39  4.7  1.7  2.5 0.67 0.15 0.95 16.0
## 457             Brad Wanamaker           39  4.7  1.7  2.5 0.67 0.15 0.95 16.0
## 458             Brad Wanamaker           22  6.9  1.8  3.4 0.73 0.23 1.55 19.5
## 459             Brad Wanamaker           22  6.9  1.8  3.4 0.73 0.23 1.55 19.5
## 460               T.J. Warren             4 15.5  3.5  1.3 0.50 0.00 1.00 29.4
## 461             P.J. Washington          64 12.9  6.5  2.5 1.09 1.23 2.00 30.5
## 462              Yuta Watanabe           50  4.4  3.2  0.8 0.52 0.40 0.38 14.5
## 463         Quinndary Weatherspoon       20  2.3  0.6  0.4 0.40 0.10 0.50  6.1
## 464            Russell Westbrook         65 22.2 11.5 11.7 1.35 0.35 4.80 36.4
## 465                Coby White            69 15.1  4.1  4.8 0.55 0.22 2.26 31.2
## 466              Derrick White           36 15.4  3.0  3.5 0.72 1.00 1.25 29.5
## 467            Hassan Whiteside          36  8.1  6.0  0.6 0.25 1.28 1.11 15.2
## 468             Andrew Wiggins           71 18.6  4.9  2.4 0.93 0.99 1.76 33.3
## 469             Grant Williams           63  4.7  2.8  1.0 0.51 0.37 0.89 18.1
## 470            Kenrich Williams          66  8.0  4.1  2.3 0.86 0.26 1.15 21.6
## 471              Lou Williams            42 12.1  2.1  3.4 0.93 0.10 1.57 21.9
## 472              Lou Williams            24 10.0  2.1  3.4 0.33 0.08 1.71 21.1
## 473             Zion Williamson          61 27.0  7.2  3.7 0.93 0.64 2.74 33.2
## 474            Patrick Williams          71  9.2  4.6  1.4 0.90 0.65 1.38 27.9
## 475              Dylan Windler           31  5.2  3.5  1.1 0.61 0.39 1.03 16.5
## 476              James Wiseman           39 11.5  5.8  0.7 0.28 0.92 1.54 21.4
## 477             Christian Wood           41 21.0  9.6  1.7 0.83 1.17 1.95 32.3
## 478              Delon Wright            36 10.4  4.6  5.0 1.58 0.53 1.33 29.2
## 479              Delon Wright            27 10.0  3.9  3.6 1.56 0.37 1.30 25.8
## 480             Thaddeus Young           68 12.1  6.2  4.3 1.09 0.59 2.00 24.3
## 481               Trae Young             63 25.3  3.9  9.4 0.84 0.17 4.14 33.7
## 482               Cody Zeller            48  9.4  6.8  1.8 0.56 0.35 1.06 20.9
## 483               Ivica Zubac            72  9.0  7.2  1.3 0.33 0.86 1.13 22.3
##      Usage_Rate Free throw% three-point % effective shooting % True shooting %
## 1          19.5       0.509         0.000               0.544            0.550
## 2          11.7       0.444         0.000               0.614            0.596
## 3          23.7       0.799         0.250               0.571            0.626
## 4          22.7       0.838         0.360               0.518            0.545
## 5          19.9       1.000         0.800               0.563            0.611
## 6          23.2       0.727         0.347               0.502            0.522
## 7          16.8       0.868         0.391               0.547            0.586
```

```
## 8       15.5    0.754    0.000         0.677    0.730
## 9       15.5    0.754    0.000         0.677    0.730
## 10      15.5    0.754    0.000         0.677    0.730
## 11      16.8    0.690    0.316         0.616    0.649
## 12      16.8    0.690    0.316         0.616    0.649
## 13      16.8    0.690    0.316         0.616    0.649
## 14      18.5    0.783    0.360         0.540    0.578
## 15      32.5    0.685    0.303         0.600    0.633
## 16      15.3    0.510    0.241         0.515    0.523
## 17      23.1    0.891    0.409         0.506    0.548
## 18      24.3    0.832    0.337         0.449    0.496
## 19      19.2    0.784    0.398         0.581    0.606
## 20      13.1    0.650    0.373         0.526    0.541
## 21      13.1    0.650    0.373         0.526    0.541
## 22      13.1    0.650    0.373         0.526    0.541
## 23      14.3    0.900    0.380         0.497    0.542
## 24      21.0    0.907    0.386         0.536    0.604
## 25      12.0    0.644    0.315         0.502    0.515
## 26      18.2    0.769    0.200         0.629    0.653
## 27      12.4    0.800    0.000         0.444    0.597
## 28      23.5    0.575    0.343         0.542    0.554
## 29      26.1    0.758    0.352         0.504    0.539
## 30      20.5    0.781    0.378         0.537    0.551
## 31      21.9    0.682    0.322         0.535    0.556
## 32      16.1    0.816    0.432         0.586    0.600
## 33      17.2    0.830    0.391         0.575    0.626
## 34      23.4    0.746    0.401         0.500    0.535
## 35      19.0    0.785    0.381         0.507    0.538
## 36      14.8    0.667    0.294         0.485    0.518
## 37      11.8    0.828    0.406         0.597    0.617
## 38      11.8    0.828    0.406         0.597    0.617
## 39      16.3    0.692    0.408         0.545    0.564
## 40      22.0    0.702    0.290         0.456    0.491
## 41      34.1    0.889    0.349         0.532    0.593
## 42      24.0    0.850    0.399         0.547    0.570
## 43      14.6    0.682    0.264         0.544    0.570
## 44      14.6    0.682    0.264         0.544    0.570
## 45      14.6    0.800    0.397         0.550    0.580
## 46      18.7    0.844    0.380         0.530    0.566
## 47      12.2    0.741    0.190         0.459    0.517
## 48      15.8    0.636    0.290         0.582    0.596
## 49      18.0    0.738    0.253         0.479    0.523
## 50      11.5    0.448    0.000         0.587    0.574
## 51      11.5    0.448    0.000         0.587    0.574
## 52      19.3    0.762    0.293         0.517    0.555
## 53      15.9    0.556    0.370         0.543    0.550
## 54      18.5    0.687    0.341         0.503    0.532
## 55      21.2    0.667    0.375         0.509    0.534
## 56      10.2    0.625    0.277         0.451    0.461
## 57      32.7    0.867    0.340         0.533    0.587
## 58      20.6    0.788    0.383         0.595    0.634
## 59      16.9    0.778    0.421         0.591    0.607
## 60      13.8    0.833    0.270         0.395    0.409
## 61      12.8    0.636    0.000         0.680    0.683
```

```
## 62          18.0        0.705       0.000                 0.656                0.676
## 63          17.3        0.867       0.400                 0.596                0.625
## 64          14.9        0.840       0.425                 0.644                0.668
## 65          25.9        0.864       0.388                 0.527                0.561
## 66          26.1        0.815       0.344                 0.481                0.515
## 67          16.1        0.667       0.304                 0.449                0.471
## 68          11.5        0.833       0.333                 0.600                0.616
## 69          15.9        0.735       0.288                 0.576                0.604
## 70          29.7        0.764       0.398                 0.558                0.586
## 71          17.0        0.619       0.000                 0.543                0.570
## 72          13.5        0.806       0.423                 0.585                0.598
## 73          20.2        0.795       0.405                 0.588                0.618
## 74          17.2        0.667       0.429                 0.698                0.704
## 75          14.4        0.909       0.410                 0.587                0.606
## 76          19.9        0.895       0.354                 0.510                0.544
## 77          21.4        0.856       0.415                 0.522                0.564
## 78          26.6        0.863       0.245                 0.514                0.607
## 79          14.2        0.866       0.410                 0.552                0.590
## 80          13.1        0.879       0.352                 0.502                0.558
## 81          19.9        0.573       0.000                 0.595                0.602
## 82          17.2        0.818       0.143                 0.514                0.563
## 83          19.2        0.739       0.364                 0.528                0.578
## 84          19.5        0.721       0.241                 0.510                0.549
## 85          15.0        0.571       0.371                 0.547                0.548
## 86          20.2        0.613       0.246                 0.417                0.449
## 87          14.8        0.645       0.401                 0.526                0.547
## 88          28.4        0.500       0.200                 0.393                0.412
## 89          28.4        0.500       0.200                 0.393                0.412
## 90          28.4        0.500       0.200                 0.393                0.412
## 91          28.4        0.500       0.200                 0.393                0.412
## 92          17.3        0.690       0.260                 0.537                0.560
## 93          10.3        0.800       0.287                 0.424                0.439
## 94           0.0        0.000       0.000                    NA                   NA
## 95           3.4        0.000       0.000                 0.000                0.000
## 96          29.8        0.896       0.347                 0.522                0.549
## 97          22.2        0.833       0.399                 0.610                0.645
## 98          23.1        0.852       0.412                 0.552                0.589
## 99          11.6        0.775       0.371                 0.565                0.578
## 100         23.1        0.746       0.336                 0.469                0.511
## 101         23.1        0.746       0.336                 0.469                0.511
## 102         23.1        0.746       0.336                 0.469                0.511
## 103         23.1        0.746       0.336                 0.469                0.511
## 104         27.8        0.682       0.421                 0.579                0.597
## 105         27.8        0.682       0.421                 0.579                0.597
## 106         27.8        0.682       0.421                 0.579                0.597
## 107         27.8        0.682       0.421                 0.579                0.597
## 108         11.5        0.806       0.379                 0.533                0.553
## 109         10.8        0.500       0.364                 0.478                0.480
## 110         15.5        0.800       0.369                 0.588                0.603
## 111         15.7        0.760       0.389                 0.555                0.574
## 112         18.2        0.604       0.245                 0.449                0.476
## 113         17.1        0.896       0.450                 0.582                0.607
## 114         34.8        0.916       0.421                 0.605                0.655
## 115         29.2        0.738       0.260                 0.512                0.556
```

```
## 116      7.9     0.833    0.000         0.432         0.487
## 117     21.6     0.889    0.361         0.519         0.537
## 118     22.0     0.784    0.372         0.549         0.570
## 119     26.1     0.880    0.257         0.505         0.591
## 120     22.5     0.629    0.293         0.502         0.536
## 121     21.6     0.662    0.390         0.514         0.549
## 122     16.9     0.884    0.479         0.625         0.682
## 123     18.1     0.833    0.318         0.591         0.648
## 124     16.0     1.000    0.286         0.438         0.536
## 125     16.7     0.718    0.379         0.528         0.542
## 126     21.7     0.744    0.343         0.475         0.513
## 127     17.8     0.703    0.226         0.426         0.459
## 128     17.2     0.636    0.315         0.484         0.503
## 129     31.3     0.597    0.000         0.474         0.500
## 130     22.5     0.605    0.000         0.531         0.554
## 131     31.2     0.882    0.450         0.608         0.666
## 132     27.0     0.776    0.329         0.488         0.523
## 133     17.4     0.733    0.206         0.432         0.468
## 134     16.7     0.800    0.422         0.612         0.625
## 135     35.3     0.859    0.377         0.545         0.636
## 136     17.1     0.726    1.000         0.571         0.618
## 137     13.0     0.738    0.000         0.638         0.663
## 138     14.4     0.682    0.000         0.409         0.475
## 139     12.3     0.756    0.394         0.600         0.609
## 140     19.0     0.804    0.321         0.452         0.483
## 141     26.2     0.797    0.388         0.560         0.604
## 142     18.0     0.714    0.463         0.576         0.584
## 143     31.0     0.719    0.322         0.523         0.565
## 144     26.2     0.895    0.250         0.413         0.458
## 145     14.4     0.659    0.000         0.690         0.700
## 146     18.9     0.672    0.000         0.681         0.696
## 147     21.2     0.925    0.406         0.542         0.613
## 148     24.9     0.848    0.395         0.517         0.547
## 149     23.6     0.804    0.381         0.505         0.532
## 150     30.0     0.868    0.411         0.557         0.598
## 151      9.7     0.727    0.200         0.636         0.661
## 152     27.8     0.808    0.418         0.571         0.623
## 153     14.2     0.813    0.292         0.558         0.597
## 154     17.0     0.623    0.000         0.675         0.683
## 155     19.5     0.651    0.311         0.448         0.471
## 156     23.9     0.629    0.375         0.509         0.537
## 157     17.1     0.705    0.266         0.541         0.564
## 158     25.2     0.825    0.329         0.527         0.577
## 159     21.4     0.842    0.375         0.510         0.552
## 160     28.5     0.845    0.350         0.491         0.556
## 161     14.0     0.775    0.405         0.572         0.581
## 162     13.1     0.795    0.270         0.492         0.530
## 163     17.6     0.807    0.399         0.568         0.590
## 164     12.1     0.667    0.318         0.599         0.624
## 165     14.0     1.000    0.375         0.500         0.579
## 166     15.6     0.776    0.412         0.590         0.624
## 167     11.9     0.565    0.160         0.473         0.490
## 168     19.6     0.710    0.315         0.453         0.491
## 169     19.6     0.710    0.315         0.453         0.491
```

```
## 170      18.9      0.782      0.383           0.574           0.610
## 171      18.9      0.782      0.383           0.574           0.610
## 172      19.7      0.800      0.283           0.403           0.449
## 173      19.7      0.800      0.283           0.403           0.449
## 174      18.1      0.770      0.328           0.513           0.549
## 175      18.1      0.857      0.409           0.569           0.585
## 176      14.3      0.750      0.278           0.458           0.490
## 177      21.5      0.657      0.319           0.482           0.511
## 178      23.4      0.816      0.391           0.560           0.589
## 179      28.7      0.883      0.347           0.537           0.613
## 180      28.7      0.883      0.347           0.537           0.613
## 181      28.7      0.883      0.347           0.537           0.613
## 182      28.4      0.856      0.366           0.551           0.619
## 183      28.4      0.856      0.366           0.551           0.619
## 184      28.4      0.856      0.366           0.551           0.619
## 185       6.2      0.000      0.455           0.577           0.540
## 186      12.6      0.805      0.247           0.480           0.526
## 187      21.7      0.707      0.000           0.622           0.650
## 188      13.7      0.733      0.320           0.519           0.544
## 189      20.2      0.875      0.364           0.429           0.485
## 190      16.2      0.778      0.475           0.654           0.663
## 191      23.9      0.892      0.394           0.556           0.597
## 192      18.7      0.611      0.000           0.513           0.543
## 193      18.7      0.611      0.000           0.513           0.543
## 194      19.7      0.686      0.333           0.593           0.620
## 195      19.7      0.686      0.333           0.593           0.620
## 196      13.5      0.775      0.326           0.532           0.568
## 197      16.2      0.775      0.429           0.636           0.675
## 198      19.0      0.824      0.278           0.403           0.422
## 199      23.9      0.843      0.415           0.537           0.584
## 200      23.5      0.803      0.360           0.516           0.543
## 201      20.7      0.846      0.391           0.548           0.567
## 202      16.5      0.840      0.386           0.600           0.630
## 203      16.5      0.840      0.386           0.600           0.630
## 204      15.2      0.760      0.391           0.500           0.545
## 205      15.2      0.760      0.391           0.500           0.545
## 206      10.3      0.761      0.321           0.471           0.496
## 207      19.5      0.819      0.368           0.467           0.503
## 208      22.2      0.787      0.392           0.570           0.592
## 209      14.0      0.788      0.382           0.551           0.571
## 210      17.5      0.794      0.182           0.638           0.669
## 211      14.1      0.750      0.298           0.425           0.436
## 212      14.2      0.938      0.310           0.432           0.500
## 213      21.6      0.818      0.368           0.528           0.538
## 214      21.7      0.775      0.282           0.497           0.537
## 215      18.3      0.576      0.250           0.596           0.610
## 216      17.2      0.781      0.363           0.528           0.541
## 217      25.6      0.750      0.348           0.467           0.488
## 218      20.2      0.859      0.326           0.546           0.603
## 219      20.1      0.811      0.339           0.563           0.585
## 220      11.2      0.658      0.330           0.504           0.519
## 221      16.6      0.844      0.451           0.652           0.672
## 222      28.0      0.878      0.381           0.531           0.584
## 223      30.3      0.922      0.402           0.576           0.614
```

```
## 224      21.4      0.813      0.407          0.561          0.598
## 225      26.5      0.729      0.300          0.472          0.515
## 226      20.0      0.817      0.433          0.554          0.576
## 227      31.9      0.698      0.365          0.577          0.603
## 228      17.4      0.750      0.368          0.508          0.533
## 229      17.0      0.847      0.349          0.541          0.563
## 230      16.2      0.586      0.250          0.514          0.526
## 231      18.0      0.596      0.267          0.478          0.498
## 232      19.2      0.740      0.331          0.522          0.557
## 233      13.4      0.800      0.328          0.479          0.519
## 234      13.4      0.800      0.328          0.479          0.519
## 235      13.4      0.800      0.328          0.479          0.519
## 236      13.4      0.800      0.328          0.479          0.519
## 237      13.4      0.800      0.328          0.479          0.519
## 238      12.3      0.648      0.316          0.554          0.576
## 239      12.8      0.545      0.000          0.500          0.528
## 240      10.6      0.917      0.000          0.941          0.965
## 241      12.7      0.714      0.250          0.664          0.691
## 242      16.1      0.895      0.600          0.494          0.544
## 243      16.6      0.911      0.321          0.485          0.511
## 244      13.2      0.500      0.000          0.760          0.733
## 245      13.2      0.500      0.000          0.760          0.733
## 246      14.3      0.766      0.330          0.506          0.534
## 247      14.3      0.766      0.330          0.506          0.534
## 248      19.8      0.878      0.368          0.545          0.588
## 249      19.8      0.878      0.368          0.545          0.588
## 250      19.0      0.617      0.365          0.531          0.547
## 251      17.1      0.839      0.446          0.597          0.608
## 252      10.6      0.919      0.410          0.580          0.606
## 253      12.4      0.833      0.375          0.576          0.608
## 254      20.5      0.732      0.375          0.520          0.544
## 255      13.8      0.500      0.261          0.444          0.452
## 256      13.8      0.500      0.261          0.444          0.452
## 257      13.8      0.500      0.261          0.444          0.452
## 258      13.7      0.500      0.250          0.534          0.534
## 259      13.7      0.500      0.250          0.534          0.534
## 260      13.7      0.500      0.250          0.534          0.534
## 261      20.3      0.691      0.361          0.533          0.546
## 262      18.4      0.947      0.406          0.529          0.587
## 263      31.1      0.849      0.419          0.596          0.634
## 264      15.1      0.703      0.295          0.557          0.577
## 265      12.8      0.909      0.397          0.608          0.636
## 266      17.0      0.685      0.348          0.490          0.536
## 267      11.8      0.500      0.500          0.650          0.633
## 268      11.8      0.500      0.500          0.650          0.633
## 269      11.8      0.500      0.500          0.650          0.633
## 270      16.7      0.636      0.263          0.629          0.643
## 271      16.7      0.636      0.263          0.629          0.643
## 272      16.7      0.636      0.263          0.629          0.643
## 273      28.6      0.885      0.398          0.568          0.622
## 274      31.5      0.765      0.349          0.490          0.516
## 275      27.9      0.822      0.318          0.493          0.535
## 276      18.3      0.843      0.333          0.445          0.477
## 277      31.4      0.927      0.391          0.554          0.623
```

```
## 278      13.8    0.800    0.350        0.551        0.589
## 279       9.4    0.646    0.235        0.558        0.575
## 280      16.9    0.845    0.338        0.577        0.611
## 281      17.1    0.723    0.278        0.640        0.663
## 282      21.9    0.824    0.365        0.522        0.556
## 283      21.4    0.875    0.396        0.546        0.593
## 284      12.9    0.652    0.350        0.556        0.574
## 285      15.1    0.830    0.418        0.563        0.603
## 286      20.2    0.826    0.402        0.595        0.620
## 287      16.8    0.707    0.349        0.462        0.508
## 288      15.7    0.714    0.365        0.564        0.590
## 289      16.7    0.641    0.248        0.436        0.465
## 290      12.5    0.581    0.276        0.484        0.500
## 291      11.5    0.884    0.384        0.570        0.635
## 292      11.4    0.854    0.335        0.484        0.517
## 293      23.0    0.871    0.301        0.498        0.531
## 294      27.1    0.812    0.402        0.554        0.577
## 295      15.3    0.688    0.313        0.574        0.583
## 296      17.0    0.703    0.333        0.530        0.554
## 297      12.0    0.600    0.364        0.545        0.552
## 298      20.0    0.816    0.388        0.616        0.635
## 299      24.6    0.655    0.250        0.533        0.554
## 300      21.7    0.667    0.000        0.478        0.498
## 301      18.2    0.750    0.458        0.607        0.619
## 302      17.9    0.556    0.410        0.602        0.604
## 303      17.9    0.556    0.410        0.602        0.604
## 304      17.9    0.556    0.410        0.602        0.604
## 305      13.7    0.767    0.359        0.481        0.502
## 306      21.1    0.719    0.331        0.480        0.500
## 307      19.5    0.762    0.368        0.539        0.559
## 308      19.5    0.804    0.412        0.548        0.568
## 309      15.1    1.000    0.447        0.590        0.603
## 310      20.0    0.721    0.351        0.545        0.571
## 311      25.0    0.898    0.414        0.546        0.588
## 312      18.6    0.724    0.343        0.537        0.565
## 313      18.4    0.910    0.374        0.543        0.569
## 314      25.0    0.830    0.350        0.503        0.549
## 315      33.5    0.845    0.386        0.520        0.569
## 316      23.8    0.819    0.401        0.540        0.569
## 317      17.2    0.857    0.314        0.500        0.523
## 318      27.2    0.728    0.303        0.487        0.537
## 319      16.5    0.720    0.311        0.491        0.509
## 320      16.5    0.795    0.381        0.547        0.574
## 321      23.4    0.791    0.317        0.485        0.509
## 322      24.7    0.869    0.408        0.559        0.592
## 323      20.0    0.917    0.370        0.573        0.599
## 324      19.0    0.757    0.419        0.569        0.605
## 325      13.9    0.612    0.360        0.546        0.557
## 326      13.7    0.786    0.370        0.551        0.573
## 327      15.9    0.882    0.390        0.539        0.575
## 328      17.4    0.957    0.425        0.590        0.602
## 329      12.8    0.800    0.421        0.614        0.632
## 330       9.2    0.714    0.000        0.612        0.636
## 331      21.4    0.818    0.333        0.499        0.528
```

```
## 332      13.6      0.444      0.479           0.513           0.512
## 333      20.9      0.933      0.381           0.578           0.596
## 334      16.5      0.691      0.270           0.528           0.559
## 335      26.0      0.760      0.452           0.563           0.586
## 336      11.6      0.750      0.367           0.534           0.553
## 337      14.5      0.750      0.348           0.492           0.511
## 338      12.1      0.769      0.269           0.459           0.524
## 339      14.7      0.632      0.000           0.644           0.655
## 340      14.3      0.726      0.290           0.476           0.514
## 341      11.9      0.533      0.240           0.438           0.448
## 342      26.5      0.730      0.362           0.503           0.535
## 343      26.5      0.730      0.362           0.503           0.535
## 344      26.5      0.730      0.362           0.503           0.535
## 345      29.8      0.783      0.320           0.471           0.508
## 346      29.8      0.783      0.320           0.471           0.508
## 347      29.8      0.783      0.320           0.471           0.508
## 348      26.3      0.667      0.235           0.419           0.471
## 349      26.3      0.667      0.235           0.419           0.471
## 350      26.3      0.667      0.235           0.419           0.471
## 351      17.5      0.775      0.318           0.533           0.549
## 352      22.9      0.844      0.392           0.621           0.674
## 353       9.6      0.848      0.385           0.580           0.599
## 354       9.8      0.833      0.341           0.505           0.517
## 355       9.8      0.833      0.341           0.505           0.517
## 356      20.4      0.800      0.306           0.458           0.488
## 357      22.1      0.695      0.316           0.501           0.529
## 358      23.5      0.713      0.333           0.527           0.561
## 359      22.6      0.934      0.395           0.557           0.599
## 360      19.8      0.893      0.440           0.576           0.602
## 361      23.2      0.682      0.286           0.455           0.478
## 362      13.1      0.000      0.000           0.111           0.111
## 363      13.1      0.000      0.000           0.111           0.111
## 364      16.3      0.669      0.000           0.616           0.639
## 365      13.4      0.508      0.000           0.616           0.612
## 366      20.5      0.738      0.280           0.412           0.430
## 367      25.0      0.882      0.351           0.535           0.581
## 368      21.8      0.791      0.445           0.646           0.663
## 369      21.0      0.740      0.471           0.584           0.597
## 370      13.2      0.782      0.238           0.631           0.688
## 371      24.2      0.865      0.439           0.602           0.645
## 372      20.5      0.880      0.361           0.518           0.576
## 373      19.4      0.889      0.351           0.493           0.565
## 374      19.4      0.889      0.351           0.493           0.565
## 375      19.4      0.889      0.351           0.493           0.565
## 376      19.7      0.837      0.415           0.496           0.532
## 377      19.7      0.837      0.415           0.496           0.532
## 378      19.7      0.837      0.415           0.496           0.532
## 379      16.7      0.889      0.411           0.562           0.582
## 380      25.6      0.891      0.389           0.497           0.557
## 381      19.7      1.000      0.263           0.461           0.498
## 382      29.3      0.811      0.411           0.516           0.567
## 383      19.3      0.817      0.262           0.428           0.488
## 384      22.7      0.500      0.000           0.538           0.540
## 385      22.5      0.693      0.351           0.576           0.599
```

```
## 386     11.6     0.636     0.000          0.444          0.542
## 387     18.4     0.917     0.330          0.498          0.537
## 388     16.5     0.714     0.364          0.533          0.545
## 389     14.2     0.706     0.375          0.541          0.558
## 390     16.6     0.827     0.408          0.614          0.628
## 391     11.8     0.491     0.000          0.653          0.642
## 392     17.7     0.744     0.294          0.520          0.555
## 393     16.2     0.500     0.378          0.477          0.478
## 394     16.2     0.500     0.378          0.477          0.478
## 395     18.3     1.000     0.432          0.576          0.609
## 396     18.3     1.000     0.432          0.576          0.609
## 397     30.1     0.840     0.333          0.465          0.517
## 398     30.1     0.840     0.333          0.465          0.517
## 399     30.1     0.840     0.333          0.465          0.517
## 400     24.3     0.883     0.411          0.530          0.565
## 401     24.3     0.883     0.411          0.530          0.565
## 402     24.3     0.883     0.411          0.530          0.565
## 403     24.1     0.870     0.337          0.485          0.530
## 404     24.4     0.817     0.389          0.548          0.576
## 405     16.0     0.867     0.308          0.454          0.516
## 406     29.1     0.765     0.387          0.523          0.555
## 407     24.1     0.732     0.321          0.564          0.601
## 408     29.7     0.815     0.371          0.519          0.573
## 409     16.7     0.846     0.387          0.549          0.578
## 410     26.4     0.827     0.297          0.493          0.547
## 411     20.2     0.613     0.300          0.560          0.584
## 412     18.3     0.807     0.427          0.569          0.589
## 413     18.4     0.790     0.330          0.489          0.539
## 414     22.0     0.833     0.000          0.200          0.356
## 415     22.0     0.833     0.000          0.200          0.356
## 416     22.0     0.833     0.000          0.200          0.356
## 417     18.8     0.700     0.345          0.485          0.504
## 418     18.8     0.700     0.345          0.485          0.504
## 419     18.8     0.700     0.345          0.485          0.504
## 420     15.8     0.576     0.367          0.465          0.473
## 421     17.2     0.714     0.235          0.480          0.499
## 422      8.6     1.000     0.569          0.696          0.708
## 423     15.9     0.725     0.160          0.471          0.521
## 424     15.5     0.696     0.333          0.578          0.597
## 425     18.3     0.667     0.338          0.588          0.597
## 426     16.4     0.694     0.308          0.553          0.575
## 427     30.8     0.868     0.386          0.530          0.576
## 428     13.0     0.800     0.335          0.503          0.525
## 429     15.2     0.333     0.000          0.313          0.318
## 430     15.2     0.333     0.000          0.313          0.318
## 431     15.0     0.687     0.347          0.609          0.625
## 432     16.8     0.651     0.281          0.567          0.584
## 433     16.0     0.857     0.415          0.524          0.545
## 434     24.4     0.857     0.256          0.477          0.499
## 435     14.8     0.592     0.000          0.518          0.540
## 436      9.4     0.444     0.301          0.508          0.508
## 437     15.9     0.731     0.306          0.560          0.574
## 438     11.0     0.710     0.402          0.667          0.676
## 439     29.1     0.859     0.387          0.555          0.612
```

```
## 440       20.1        0.773        0.397                  0.530           0.550
## 441       22.9        0.806        0.355                  0.479           0.501
## 442        7.7        0.783        0.314                  0.469           0.500
## 443        5.8        0.600        0.394                  0.533           0.539
## 444       16.4        0.782        0.335                  0.557           0.599
## 445       12.3        0.559        0.200                  0.608           0.612
## 446       23.9        0.885        0.366                  0.489           0.534
## 447       14.3        0.843        0.347                  0.492           0.524
## 448       19.1        0.870        0.309                  0.476           0.498
## 449       12.9        0.769        0.366                  0.556           0.573
## 450       18.3        0.788        0.310                  0.561           0.614
## 451       16.9        0.500        0.333                  0.357           0.370
## 452       18.2        0.879        0.372                  0.495           0.563
## 453       26.1        0.899        0.360                  0.514           0.559
## 454       26.1        0.899        0.360                  0.514           0.559
## 455       31.7        0.749        0.317                  0.458           0.503
## 456       16.0        0.893        0.213                  0.390           0.468
## 457       16.0        0.893        0.213                  0.390           0.468
## 458       18.1        0.889        0.125                  0.440           0.518
## 459       18.1        0.889        0.125                  0.440           0.518
## 460       21.5        0.800        0.000                  0.529           0.560
## 461       19.4        0.745        0.386                  0.521           0.549
## 462       12.7        0.828        0.400                  0.539           0.565
## 463       18.7        0.813        0.167                  0.471           0.547
## 464       30.3        0.656        0.315                  0.474           0.509
## 465       22.5        0.901        0.359                  0.506           0.540
## 466       22.4        0.851        0.346                  0.503           0.550
## 467       23.5        0.519        0.000                  0.563           0.566
## 468       23.3        0.714        0.380                  0.543           0.568
## 469       12.3        0.588        0.372                  0.534           0.546
## 470       15.3        0.571        0.444                  0.596           0.599
## 471       26.5        0.866        0.378                  0.473           0.529
## 472       24.3        0.870        0.444                  0.442           0.496
## 473       29.8        0.698        0.294                  0.616           0.649
## 474       14.9        0.728        0.391                  0.534           0.562
## 475       14.9        0.778        0.333                  0.534           0.563
## 476       23.8        0.628        0.316                  0.535           0.552
## 477       25.9        0.631        0.374                  0.574           0.591
## 478       15.8        0.789        0.348                  0.517           0.562
## 479       17.1        0.833        0.398                  0.536           0.563
## 480       22.3        0.628        0.267                  0.567           0.577
## 481       33.0        0.886        0.343                  0.499           0.589
## 482       18.3        0.714        0.143                  0.565           0.599
## 483       15.2        0.789        0.250                  0.654           0.693
##      Versatility_Index Offensive Rating Defensive rating
## 1               6.7             106.8           99.7
## 2               7.3             119.7          107.8
## 3              11.6             121.7          105.0
## 4               7.3             107.3          110.0
## 5               8.3             116.4          107.4
## 6               7.7             100.5          106.5
## 7               6.7             115.3          109.9
## 8               8.8             134.4          106.6
## 9               8.8             134.4          106.6
```

```
## 10          8.8          134.4          106.6
## 11          8.0          124.4          111.2
## 12          8.0          124.4          111.2
## 13          8.0          124.4          111.2
## 14          9.3          117.2          106.7
## 15         14.8          121.1          102.2
## 16          7.1          103.3          100.5
## 17          6.5          111.4          111.1
## 18          9.3           98.4          109.4
## 19          6.9          113.2          108.2
## 20          7.1          117.6          105.3
## 21          7.1          117.6          105.3
## 22          7.1          117.6          105.3
## 23          6.1          114.8          112.5
## 24          8.6          118.2          115.2
## 25          5.7          102.6          103.8
## 26          7.8          127.1          102.8
## 27          0.0            NA             NA
## 28          7.3          108.9          110.5
## 29         11.5          107.3          104.2
## 30          9.3          109.8          109.5
## 31          8.4          110.3          101.7
## 32          6.5          114.7          107.5
## 33          7.9          122.3          117.4
## 34          7.7          106.2          104.7
## 35          7.0          106.8          111.4
## 36          5.8          105.6          109.9
## 37          6.4          124.1          107.9
## 38          6.4          124.1          107.9
## 39          6.8          101.3          100.5
## 40          7.2           92.4          112.9
## 41          9.7          113.3          110.5
## 42          7.2          108.8          115.0
## 43          6.8          104.1          106.8
## 44          6.8          104.1          106.8
## 45          6.6          117.2          100.7
## 46          6.3          111.5          110.0
## 47          6.3          119.5          109.8
## 48          7.3          122.4          108.5
## 49          7.6          115.3           99.4
## 50          6.2          111.5          105.6
## 51          6.2          111.5          105.6
## 52          8.8          109.8          109.0
## 53          8.0          116.0           99.2
## 54          7.3          107.8          112.2
## 55          5.6           91.6          107.0
## 56          4.7           89.4          102.2
## 57          9.1          110.1          107.6
## 58          7.7          127.2          103.3
## 59          5.3          110.3          102.4
## 60          4.9           83.7          112.1
## 61          8.2          143.8           99.8
## 62          8.1          122.2          106.7
## 63          7.5          115.5          108.2
```

```
## 64            6.1          131.0          110.7
## 65           10.1          113.0          112.1
## 66            6.5          101.2          104.0
## 67            6.5           92.5          106.1
## 68            5.4          122.1          106.6
## 69            7.6          123.9          105.0
## 70            9.2          111.6          107.3
## 71            4.6          116.6          103.5
## 72            6.1          114.1          110.1
## 73            8.5          123.0          110.7
## 74            7.5          131.1          104.9
## 75            5.1          118.4          105.2
## 76            5.4          110.0          110.7
## 77            7.9          113.5          102.9
## 78           12.1          127.0          107.8
## 79            5.2          113.9          105.5
## 80            6.5          116.1          105.9
## 81            7.4          124.3          103.3
## 82            4.6          107.1          104.0
## 83            9.3          114.8          100.9
## 84            8.3          111.8          106.0
## 85            6.5          115.1          106.7
## 86            8.5           92.3          106.7
## 87            7.1          105.9          100.3
## 88           10.4           87.7           97.5
## 89           10.4           87.7           97.5
## 90           10.4           87.7           97.5
## 91           10.4           87.7           97.5
## 92            7.5          118.6          107.7
## 93            4.7           96.9          112.9
## 94            0.0             NA             NA
## 95            0.0           56.9          100.4
## 96            8.5          108.9          105.2
## 97            7.4          124.3          104.1
## 98            9.5          122.3          104.6
## 99            6.0          120.2          107.6
## 100          11.1          101.7           97.7
## 101          11.1          101.7           97.7
## 102          11.1          101.7           97.7
## 103          11.1          101.7           97.7
## 104          10.2          106.1           92.0
## 105          10.2          106.1           92.0
## 106          10.2          106.1           92.0
## 107          10.2          106.1           92.0
## 108           5.7          112.2          107.8
## 109           6.3          112.3          101.2
## 110           6.9          121.2          102.9
## 111           6.7          112.9          106.4
## 112           6.1           95.3          106.6
## 113           6.0          117.7          107.7
## 114          11.8          118.8          108.6
## 115          10.0          110.0          103.1
## 116           6.5          127.7           95.9
## 117           6.7          100.6          107.2
```

```
## 118        7.4      106.5      111.0
## 119       10.2      121.6      110.7
## 120        8.9      105.8      104.3
## 121        7.2      104.5      103.6
## 122        8.5      126.8      102.2
## 123        9.0      125.2      103.7
## 124        8.3      102.0      108.5
## 125        8.3      111.1      107.3
## 126        5.9       99.9      109.3
## 127        5.7       92.5      105.1
## 128        6.8      103.5      107.8
## 129       11.8       96.9      100.8
## 130        8.9      106.1       89.5
## 131       12.4      121.4      109.3
## 132        8.0      101.4      113.6
## 133        5.7      104.4      104.7
## 134        5.4      117.8      112.5
## 135       12.1      120.8      100.1
## 136        7.9      118.2      101.7
## 137        6.8      136.6       94.2
## 138        6.0       85.6      102.2
## 139        5.6      123.5      109.4
## 140        7.7      102.9      109.5
## 141        7.9      114.0      111.0
## 142        6.9      116.1      107.5
## 143        9.8      112.3      112.8
## 144        8.9       95.9      109.2
## 145        6.4      127.2       99.9
## 146        6.8      132.5      103.3
## 147        7.3      122.5      106.6
## 148        7.7      104.5      113.1
## 149        7.9      103.0      105.5
## 150       11.0      112.7      105.6
## 151        5.6      137.9       99.5
## 152       10.3      117.7      111.9
## 153        6.4      119.2      102.0
## 154        8.2      129.9       99.1
## 155        7.4      100.2      110.2
## 156       10.1      102.8      109.9
## 157        7.3      114.6      110.3
## 158        6.3      108.4      115.8
## 159        7.9      115.3      113.6
## 160        7.8      108.8      110.0
## 161        5.6      113.3      105.0
## 162        9.7      109.8      101.2
## 163        6.8      115.2      101.5
## 164        4.4      119.4      106.5
## 165        5.4      111.5      102.4
## 166        6.1      121.8      111.0
## 167        5.4      105.4      108.2
## 168        8.0      100.9      109.0
## 169        8.0      100.9      109.0
## 170        9.0      120.6      102.8
## 171        9.0      120.6      102.8
```

```
## 172                7.7              98.5              112.5
## 173                7.7              98.5              112.5
## 174                6.0             106.8              109.6
## 175                7.9             117.8              116.9
## 176                6.3              99.3              105.6
## 177                8.6             100.4              110.7
## 178                6.5             116.0              112.4
## 179               12.1             118.8              114.6
## 180               12.1             118.8              114.6
## 181               12.1             118.8              114.6
## 182               14.4             122.4              107.8
## 183               14.4             122.4              107.8
## 184               14.4             122.4              107.8
## 185                3.6             105.0              104.3
## 186                4.9             105.6              109.3
## 187                7.9             126.4              101.2
## 188                4.5             112.0              111.6
## 189                5.4              99.4              113.0
## 190                5.9             125.3              111.7
## 191                9.5             118.0              104.9
## 192                7.5             108.6               90.1
## 193                7.5             108.6               90.1
## 194               11.2             116.8               97.8
## 195               11.2             116.8               97.8
## 196                7.7             115.2              105.7
## 197                6.7             130.6              105.0
## 198                7.1              81.5              107.5
## 199                9.2             113.9              110.7
## 200                8.3             103.6              110.3
## 201                7.6             108.5              113.9
## 202                6.5             126.6              116.0
## 203                6.5             126.6              116.0
## 204                6.0             104.4              106.6
## 205                6.0             104.4              106.6
## 206                4.6             103.5              108.3
## 207                5.9              98.6              110.7
## 208                9.7             119.9              109.2
## 209                5.3             111.3              111.7
## 210                8.0             129.5              106.7
## 211                4.6              91.1              112.5
## 212                4.4             102.8              111.5
## 213                9.8             111.2              109.0
## 214                8.0             102.6               99.7
## 215                8.7             112.3               89.3
## 216                6.7             112.1              108.5
## 217                7.2                NA                 NA
## 218                7.0             118.4              106.8
## 219                8.8             118.4              105.3
## 220                6.2             102.6              106.4
## 221                8.4             128.2              105.6
## 222                9.7             114.9              111.3
## 223               10.5             121.0              109.3
## 224                5.8             111.5              110.2
## 225                8.0              96.5              103.8
```

```
## 226            8.0          116.1           106.6
## 227           13.7          113.8           103.8
## 228            5.1          107.7           104.2
## 229            5.9          111.9           109.6
## 230            7.1          104.1           102.1
## 231            7.1          100.9           104.4
## 232            7.3          110.5           108.5
## 233            6.2          101.5           103.8
## 234            6.2          101.5           103.8
## 235            6.2          101.5           103.8
## 236            6.2          101.5           103.8
## 237            6.2          101.5           103.8
## 238            4.7          120.1           110.1
## 239            5.1          100.4            94.0
## 240            3.5          157.6            90.2
## 241            7.0          130.0           109.0
## 242            6.5          111.8           113.6
## 243            8.2          114.7           112.8
## 244            8.2          126.5           104.9
## 245            8.2          126.5           104.9
## 246            6.3          108.3           110.9
## 247            6.3          108.3           110.9
## 248            9.0          117.5           107.4
## 249            9.0          117.5           107.4
## 250            9.4          116.6           102.9
## 251            6.8          117.2           107.9
## 252            5.6          122.8           108.1
## 253            7.2          124.5           106.1
## 254            6.3          107.7           106.0
## 255            5.0           98.9           115.3
## 256            5.0           98.9           115.3
## 257            5.0           98.9           115.3
## 258            6.8          116.0           109.5
## 259            6.8          116.0           109.5
## 260            6.8          116.0           109.5
## 261            7.4          104.8           104.3
## 262            7.1          118.8           106.5
## 263           10.0          114.7           109.5
## 264            4.8          107.0           112.2
## 265            6.4          121.1           105.6
## 266            8.4          111.5           106.0
## 267            4.2           76.7           103.5
## 268            4.2           76.7           103.5
## 269            4.2           76.7           103.5
## 270            7.4          121.2           102.1
## 271            7.4          121.2           102.1
## 272            7.4          121.2           102.1
## 273           11.1          125.4           108.1
## 274           11.2          107.6           110.5
## 275            9.4          106.4           109.2
## 276            6.4          105.1           107.3
## 277           10.8          124.8           116.1
## 278            5.5          120.1           111.9
## 279            7.3          129.7           101.9
```

```
## 280          5.2          120.2          107.6
## 281          6.3          123.7          110.2
## 282          9.8          107.4          110.2
## 283         10.0          116.9          108.0
## 284          5.7          115.5          111.2
## 285          7.3          124.6          103.8
## 286          6.2          115.3          109.7
## 287          8.5          105.2          106.2
## 288          6.4          116.7          109.6
## 289          6.7           98.6          107.6
## 290          6.8          106.0          109.4
## 291          3.6          129.4          107.7
## 292          3.9          105.9          104.7
## 293          7.9          109.6          104.3
## 294          8.8          120.0          114.9
## 295          9.1          116.9          109.2
## 296          6.4          106.5          105.0
## 297          5.0          107.7          108.0
## 298          6.3          120.8          111.9
## 299          9.1          102.8           97.8
## 300          7.2           97.3           87.2
## 301          6.6          120.1          110.6
## 302          5.8          122.4          100.4
## 303          5.8          122.4          100.4
## 304          5.8          122.4          100.4
## 305          7.4          110.0          114.1
## 306          5.7           94.8          109.3
## 307          4.2          104.0          102.7
## 308          8.2          109.2          105.5
## 309          6.6          117.5          108.0
## 310          7.4          108.6          107.2
## 311         10.4          115.5          107.1
## 312          8.2          116.0          104.2
## 313          5.7          110.7          113.7
## 314          7.8          108.4          104.4
## 315         10.1          114.8          105.4
## 316          7.4          107.6          112.5
## 317          6.4          102.9          107.0
## 318         10.1          107.6          112.5
## 319          6.7          100.8          101.0
## 320          6.3          120.9          114.1
## 321         10.6          105.5          107.0
## 322          8.4          116.2          111.1
## 323          6.7          115.6          108.6
## 324          6.5          110.4          104.1
## 325          7.4          108.8          108.5
## 326          5.2          112.3          102.6
## 327          6.6          114.7          108.2
## 328          5.9          113.7          101.5
## 329          4.3          125.0          109.9
## 330          4.7          120.3           97.3
## 331          6.9          106.8          110.3
## 332          4.6          101.8           96.7
## 333          6.7          110.6          108.5
```

```
## 334          5.8          115.1          109.2
## 335          5.8          101.7          103.6
## 336          4.8          113.9          111.8
## 337          6.5          106.5          112.6
## 338          4.9          108.4          109.0
## 339          6.1          123.6           96.7
## 340          4.7          102.5          110.9
## 341          4.3           94.0          101.3
## 342          9.4          104.1          107.3
## 343          9.4          104.1          107.3
## 344          9.4          104.1          107.3
## 345          9.5          100.3          111.6
## 346          9.5          100.3          111.6
## 347          9.5          100.3          111.6
## 348          7.6           85.9          100.5
## 349          7.6           85.9          100.5
## 350          7.6           85.9          100.5
## 351          7.5          105.6          101.0
## 352         11.2          123.1          105.0
## 353          6.2          120.0          102.1
## 354          4.8          109.7          100.0
## 355          4.8          109.7          100.0
## 356          7.3          100.2          110.0
## 357          6.4          103.3          106.8
## 358          7.8          105.6          105.1
## 359         11.0          123.7          106.0
## 360          9.3          121.3          105.5
## 361          8.1           98.9          104.6
## 362          2.9             NA             NA
## 363          2.9             NA             NA
## 364         10.5          122.2           99.7
## 365          7.6          123.1          105.3
## 366          7.3           81.0          111.7
## 367          7.1          111.2          107.7
## 368          6.8          124.6          108.5
## 369          8.6          120.0          103.0
## 370          7.2          135.6           99.8
## 371          6.2          117.1          110.5
## 372          5.5          113.4          113.6
## 373          5.2          105.0          106.0
## 374          5.2          105.0          106.0
## 375          5.2          105.0          106.0
## 376          7.6          105.6          109.7
## 377          7.6          105.6          109.7
## 378          7.6          105.6          109.7
## 379          6.7          116.3          109.1
## 380          7.5          113.4          103.9
## 381          5.9          102.0          112.7
## 382         12.1          110.9          100.3
## 383          5.4           99.1          106.2
## 384          9.3          110.7           91.8
## 385          7.8          114.3          104.2
## 386          4.2             NA             NA
## 387          6.2          108.6          109.9
```

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```
## 388        6.0      105.2      105.8
## 389        5.6      112.7      108.2
## 390        5.5      112.8      107.4
## 391        4.7      130.5       99.5
## 392        7.6      101.4      103.8
## 393        8.1       97.5      108.6
## 394        8.1       97.5      108.6
## 395       10.1      118.0      105.9
## 396       10.1      118.0      105.9
## 397        8.5      103.8      111.4
## 398        8.5      103.8      111.4
## 399        8.5      103.8      111.4
## 400        8.5      115.1      109.0
## 401        8.5      115.1      109.0
## 402        8.5      115.1      109.0
## 403        6.9      103.0      111.0
## 404        8.4      113.3      111.8
## 405        8.7      113.1      110.1
## 406        9.3      108.0      114.4
## 407       13.1      115.1      103.7
## 408        7.8      110.7      112.1
## 409        5.2      112.5      112.3
## 410        9.9      110.6      107.4
## 411       11.0      114.0      100.2
## 412        6.7      116.5      111.5
## 413        7.8      113.2      108.7
## 414        5.6       83.5       92.9
## 415        5.6       83.5       92.9
## 416        5.6       83.5       92.9
## 417        8.5      106.0      106.6
## 418        8.5      106.0      106.6
## 419        8.5      106.0      106.6
## 420        8.5      105.1      109.1
## 421        4.5       96.2      103.7
## 422        4.8      134.7      110.2
## 423        5.8      103.0      106.0
## 424        6.8      117.0      100.8
## 425        4.9      115.4      107.7
## 426        7.3      113.9      107.1
## 427       10.5      113.4      109.7
## 428        5.3      105.0      108.4
## 429        4.9       75.1      109.9
## 430        4.9       75.1      109.9
## 431        7.0      122.0      103.6
## 432        7.6      115.7      106.4
## 433        4.7      105.9      114.7
## 434        7.3       99.8      106.0
## 435        7.1      114.5      105.4
## 436        3.9      103.6      100.2
## 437        6.0      111.9      102.9
## 438        7.9      120.7      102.4
## 439       12.5      116.4      105.4
## 440        4.7      112.0      116.4
## 441        5.3      100.3      112.7
```

```
## 442              4.1         99.0        109.3
## 443              3.6        119.1        107.4
## 444              5.6        111.4        104.4
## 445              7.5        120.6        104.0
## 446              8.8        112.4        111.0
## 447              5.7        107.5        106.6
## 448              5.8         97.8        103.0
## 449              6.0        115.5        111.0
## 450              8.0        116.4         97.0
## 451              7.1         65.4         97.0
## 452              6.0        109.2        104.4
## 453              9.1        113.5        112.6
## 454              9.1        113.5        112.6
## 455              9.6         99.3        116.4
## 456              6.8         99.5        106.2
## 457              6.8         99.5        106.2
## 458              7.1        104.6        108.3
## 459              7.1        104.6        108.3
## 460              5.6        107.0        104.7
## 461              7.8        104.3        105.8
## 462              6.2        116.4        107.6
## 463              5.4         96.6        100.0
## 464             15.8        104.1        104.3
## 465              8.6        105.5        108.3
## 466              7.4        110.6        108.7
## 467              8.1        106.8        103.2
## 468              7.2        107.4        108.7
## 469              5.2        104.0        101.9
## 470              7.8        115.4        106.2
## 471              8.1        107.9        110.5
## 472              7.9        100.7        114.2
## 473             10.8        123.4        109.8
## 474              5.6        104.6        109.1
## 475              6.6        102.0        108.9
## 476              6.7         99.5         98.3
## 477              8.7        110.5        109.4
## 478              8.5        119.1        110.5
## 479              8.1        114.9        115.4
## 480             11.3        115.3        104.5
## 481             11.6        116.9        111.9
## 482              9.3        121.8        101.5
## 483              7.9        134.5        101.0
##      Player.Efficiency.Rating win.shares Box.Plus.Minus Value.Over.Replacement
## 1                        15.1        0.9           -3.0                   -0.1
## 2                        15.9        1.7           -1.1                    0.2
## 3                        22.7        3.6            4.9                    1.5
## 4                        15.2        0.7           -0.7                    0.2
## 5                        15.2        0.7           -0.7                    0.2
## 6                        12.0        0.2           -2.5                   -0.1
## 7                        14.0        1.1            0.5                    0.3
## 8                        22.5        3.1            2.7                    0.9
## 9                        21.3        1.4            1.9                    0.3
## 10                       23.5        1.7            3.4                    0.6
## 11                       22.5        3.1            2.7                    0.9
```

```
## 12                    21.3        1.4          1.9             0.3
## 13                    23.5        1.7          3.4             0.6
## 14                    17.8        1.9          2.9             0.8
## 15                    28.3        4.3          7.2             2.1
## 16                    10.3        0.2         -3.2             0.0
## 17                    13.8        0.7         -3.1            -0.2
## 18                    10.3        0.0         -4.1            -0.4
## 19                    14.7        1.5          1.1             0.5
## 20                    11.2        0.3         -1.6             0.0
## 21                    11.2        0.3         -1.6             0.0
## 22                    11.2        0.3         -1.6             0.0
## 23                    10.8        0.8         -2.2             0.0
## 24                    10.8        0.8         -2.2             0.0
## 25                     8.9        0.5         -3.5            -0.2
## 26                    17.7        2.7         -0.8             0.2
## 27                    10.6        0.1         -4.3             0.0
## 28                    13.9        0.3         -4.6            -0.4
## 29                    18.2        1.8          2.8             0.9
## 30                    14.2        1.2         -0.2             0.4
## 31                    23.4        0.4          2.3             0.1
## 32                    12.6        0.8         -1.5             0.1
## 33                    15.7        2.0          0.1             0.5
## 34                    13.1        1.2         -2.2             0.0
## 35                    11.6        0.9         -2.2             0.0
## 36                     0.3       -0.1        -12.5            -0.1
## 37                    14.8        2.7          2.0             0.8
## 38                    14.8        2.7          2.0             0.8
## 39                    14.7        1.2          1.5             0.4
## 40                     9.6       -0.1         -4.0            -0.4
## 41                    24.8        2.5          4.9             1.5
## 42                    16.7        1.6          0.5             0.6
## 43                    13.2        0.7          0.2             0.1
## 44                    13.2        0.7          0.2             0.1
## 45                    13.7        1.5          0.8             0.3
## 46                    13.0        1.0         -0.1             0.3
## 47                    16.1        1.9         -1.2             0.1
## 48                    16.1        1.9         -1.2             0.1
## 49                    18.3        0.4          0.1             0.1
## 50                    12.6        1.2         -2.9            -0.1
## 51                    12.6        1.2         -2.9            -0.1
## 52                    12.6        0.2         -3.4            -0.1
## 53                    12.6        0.2         -3.4            -0.1
## 54                    12.6        0.9         -2.1             0.0
## 55                     4.7       -0.1         -7.2            -0.1
## 56                     5.0        0.1         -6.2            -0.2
## 57                    17.2        1.4         -0.9             0.2
## 58                    23.4        3.1          3.8             1.0
## 59                    10.4        0.3         -3.2            -0.1
## 60                    10.4        0.3         -3.2            -0.1
## 61                    20.3        0.5          1.3             0.1
## 62                    20.3        0.5          1.3             0.1
## 63                    12.0        1.1         -2.1             0.0
## 64                    16.3        3.1          2.5             1.0
## 65                    18.3        2.5          2.0             1.0
```

```
## 66               10.3    -0.3    -5.6    -0.6
## 67                5.4    -0.1    -6.3    -0.2
## 68                5.4    -0.1    -6.3    -0.2
## 69               12.8     0.9    -2.8    -0.1
## 70               22.3     2.6     4.4     1.4
## 71               33.5     0.2     9.1     0.1
## 72               12.9     1.5     0.0     0.3
## 73               16.4     1.5    -0.6     0.2
## 74               18.8     0.9     0.4     0.2
## 75                8.9     1.0    -1.7     0.1
## 76               13.7     0.8    -0.4     0.2
## 77               13.5     1.0     0.5     0.3
## 78               24.2     2.3     5.8     1.0
## 79                9.8     1.3    -1.7     0.1
## 80               12.1     0.8    -1.3     0.1
## 81               23.1     2.7     2.4     0.8
## 82               29.8     0.0     7.4     0.0
## 83               17.1     1.2    -1.4     0.1
## 84               17.1     1.2    -1.4     0.1
## 85                8.3     0.3    -1.3     0.0
## 86                8.2    -0.1    -5.7    -0.2
## 87               11.5     1.0     0.7     0.3
## 88               11.9     0.0    -3.2     0.0
## 89               11.9     0.0    -3.2     0.0
## 90               11.9     0.0    -3.2     0.0
## 91               11.9     0.0    -3.2     0.0
## 92               16.6     1.2    -0.3     0.2
## 93                5.3     0.2    -5.5    -0.5
## 94                5.3     0.2    -5.5    -0.5
## 95                5.3     0.2    -5.5    -0.5
## 96               19.0     2.3     3.0     1.0
## 97               19.3     3.0     1.8     0.8
## 98               19.8     2.9     4.1     1.0
## 99               13.2     1.3     1.2     0.4
## 100              15.1     1.0     0.4     0.3
## 101              15.1     1.0     0.4     0.3
## 102              15.1     1.0     0.4     0.3
## 103              15.1     1.0     0.4     0.3
## 104              15.1     1.0     0.4     0.3
## 105              15.1     1.0     0.4     0.3
## 106              15.1     1.0     0.4     0.3
## 107              15.1     1.0     0.4     0.3
## 108              10.0     0.9    -1.7     0.1
## 109              11.6     0.4    -0.2     0.1
## 110              11.6     0.4    -0.2     0.1
## 111              11.5     1.3     0.3     0.4
## 112              10.7     0.1    -5.8    -0.3
## 113              14.1     1.7    -0.4     0.3
## 114              25.6     4.3     7.6     2.4
## 115              24.7     3.3     6.4     1.6
## 116              12.2     0.6    -3.4    -0.1
## 117              11.2     0.3    -3.3    -0.1
## 118              11.2     0.3    -3.3    -0.1
## 119              21.7     3.5     3.8     1.2
```

```
## 120                15.9        1.2        -1.3             0.1
## 121                15.9        1.2        -1.3             0.1
## 122                18.6        1.2         2.0             0.3
## 123                18.6        1.2         2.0             0.3
## 124                10.1        0.1        -1.4             0.0
## 125                12.7        1.4        -0.4             0.3
## 126                 9.5        0.4        -4.5            -0.5
## 127                 6.1       -0.1        -7.5            -0.4
## 128                13.6        0.7        -0.8             0.1
## 129                20.9        0.7        -0.3             0.3
## 130                20.9        0.7        -0.3             0.3
## 131                25.1        2.6         5.4             1.2
## 132                10.5       -0.4        -5.1            -0.6
## 133                12.2        0.2        -3.0             0.0
## 134                12.8        0.9         0.0             0.2
## 135                30.8        4.3         7.9             1.9
## 136                12.4        0.2        -2.8             0.0
## 137                20.6        2.4         2.6             0.5
## 138                 7.4        0.0        -5.0            -0.1
## 139                11.0        1.0        -0.9             0.2
## 140                 4.5       -0.1        -8.1            -0.2
## 141                17.5        1.0         0.5             0.3
## 142                17.5        1.0         0.5             0.3
## 143                19.9        1.5         1.2             0.7
## 144                12.2        0.0        -4.6            -0.1
## 145                17.6        1.2         0.2             0.2
## 146                17.6        1.2         0.2             0.2
## 147                12.5        0.5        -2.6            -0.1
## 148                12.9        0.4        -2.0             0.0
## 149                13.9        0.7        -1.3             0.1
## 150                23.2        2.6         5.4             1.3
## 151                10.6        0.3        -2.9             0.0
## 152                21.6        2.4         3.5             1.0
## 153                 7.9        0.0        -4.3             0.0
## 154                23.2        4.3         3.6             1.3
## 155                 8.1        0.0        -3.4            -0.1
## 156                14.9        0.6         0.6             0.4
## 157                14.9        0.6         0.6             0.4
## 158                16.8        1.6         1.1             0.5
## 159                12.1        1.2        -1.9             0.0
## 160                18.7        2.7         2.6             1.1
## 161                 9.7        1.0        -1.2             0.2
## 162                10.3        1.0        -1.1             0.2
## 163                14.6        1.2        -1.7             0.0
## 164                12.7        0.6        -0.4             0.1
## 165                12.7        0.6        -0.4             0.1
## 166                12.2        1.6        -1.4             0.1
## 167                 6.4        0.0        -5.2            -0.2
## 168                10.0        0.4        -2.6            -0.1
## 169                10.0        0.4        -2.6            -0.1
## 170                10.0        0.4        -2.6            -0.1
## 171                10.0        0.4        -2.6            -0.1
## 172                11.8        0.0        -3.0             0.0
## 173                11.8        0.0        -3.0             0.0
```

```
## 174             12.9      0.8        -3.0              -0.1
## 175             17.5      1.7         2.3               0.8
## 176              7.3      0.0        -5.6              -0.2
## 177              7.3      0.0        -5.6              -0.2
## 178             14.2      1.2        -0.9               0.2
## 179             24.2      4.1         5.8               1.8
## 180             22.7      1.1         4.6               0.5
## 181             24.9      3.0         6.4               1.3
## 182             24.2      4.1         5.8               1.8
## 183             22.7      1.1         4.6               0.5
## 184             24.9      3.0         6.4               1.3
## 185              4.6      0.1        -2.5               0.0
## 186              4.6      0.1        -2.5               0.0
## 187             21.3      3.4         2.3               0.8
## 188              9.3      0.7        -3.6              -0.2
## 189              9.3      0.7        -3.6              -0.2
## 190             14.9      2.4         0.5               0.6
## 191             19.7      3.0         2.8               1.1
## 192             19.1      0.5        -3.7              -0.1
## 193             19.1      0.5        -3.7              -0.1
## 194             19.1      0.5        -3.7              -0.1
## 195             19.1      0.5        -3.7              -0.1
## 196             12.5      1.6        -0.8               0.2
## 197             15.5      0.7        -2.0               0.0
## 198             -1.4     -0.5       -13.6              -0.4
## 199             18.7      2.5         1.8               0.9
## 200             12.1      0.3        -2.6              -0.1
## 201             10.7      0.2        -2.8              -0.2
## 202             16.0      1.1         0.4               0.2
## 203             16.0      1.1         0.4               0.2
## 204             16.0      1.1         0.4               0.2
## 205             16.0      1.1         0.4               0.2
## 206              6.4      0.3        -2.8              -0.1
## 207              7.1     -0.1        -5.9              -0.6
## 208             19.9      2.8         3.8               1.1
## 209             12.4      2.2         0.5               0.6
## 210             18.2      2.1        -0.7               0.2
## 211              5.0     -0.4        -8.0              -0.7
## 212              5.0     -0.4        -8.0              -0.7
## 213             17.6      1.2         3.2               0.7
## 214             11.7      0.7        -1.6               0.1
## 215             13.9      0.9        -5.1              -0.4
## 216             11.9      1.4        -0.3               0.4
## 217              9.8      0.0        -4.5               0.0
## 218             17.5      1.8         2.5               0.7
## 219             18.2      2.1         0.2               0.4
## 220              8.9      0.6        -0.4               0.2
## 221             16.7      2.7         4.1               1.0
## 222             20.4      2.8         3.1               1.2
## 223             25.3      3.0         5.3               1.3
## 224              1.5     -0.1        -9.2              -0.1
## 225             12.2      0.1        -2.4              -0.1
## 226             13.3      1.2        -1.6               0.1
## 227             24.2      4.2         7.2               2.3
```

```
## 228            10.3      0.4      -2.0       0.0
## 229            13.2      1.5       0.7       0.5
## 230            12.3      0.5      -0.1       0.2
## 231            12.3      0.5      -0.1       0.2
## 232            15.3      1.7      -1.0       0.2
## 233             9.6      0.6      -0.5       0.1
## 234             9.6      0.6      -0.5       0.1
## 235             9.6      0.6      -0.5       0.1
## 236             9.6      0.6      -0.5       0.1
## 237             9.6      0.6      -0.5       0.1
## 238            11.3      1.1      -2.8      -0.1
## 239             3.9      0.0      -8.5      -0.1
## 240             3.9      0.0      -8.5      -0.1
## 241             3.9      0.0      -8.5      -0.1
## 242            19.6      0.1      -1.5       0.0
## 243            14.2      1.0      -0.6       0.2
## 244            16.7      1.8       1.1       0.5
## 245            16.7      1.8       1.1       0.5
## 246            10.8      0.4      -3.5      -0.2
## 247            10.8      0.4      -3.5      -0.2
## 248            10.8      0.4      -3.5      -0.2
## 249            10.8      0.4      -3.5      -0.2
## 250            16.2      0.9       2.3       0.3
## 251            10.8      1.1      -2.2       0.0
## 252            11.4      1.0      -0.8       0.1
## 253            13.3      0.7      -0.6       0.1
## 254             8.1      0.1      -4.3      -0.2
## 255             3.7     -0.1      -5.8       0.0
## 256             3.7     -0.1      -5.8       0.0
## 257             3.7     -0.1      -5.8       0.0
## 258             3.7     -0.1      -5.8       0.0
## 259             3.7     -0.1      -5.8       0.0
## 260             3.7     -0.1      -5.8       0.0
## 261            13.1      1.5      -0.9       0.2
## 262            17.8      1.5       3.0       0.5
## 263            22.7      3.1       4.1       1.5
## 264            13.0      0.5      -2.0       0.0
## 265            11.2      1.4      -1.1       0.1
## 266             7.0      0.0      -5.5      -0.1
## 267            15.5      0.6       0.0       0.2
## 268             4.3      0.0      -5.6      -0.1
## 269            19.5      0.7       2.0       0.2
## 270            15.5      0.6       0.0       0.2
## 271             4.3      0.0      -5.6      -0.1
## 272            19.5      0.7       2.0       0.2
## 273            27.5      4.1       6.3       1.7
## 274            19.1      0.6       0.6       0.2
## 275            19.1      0.6       0.6       0.2
## 276            11.7      0.2      -3.8      -0.1
## 277            27.1      4.5       6.3       2.1
## 278            16.3      0.4      -0.4       0.1
## 279            13.9      1.1      -0.2       0.1
## 280            13.4      1.8      -0.9       0.2
## 281            15.0      1.1      -2.6      -0.1
```

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```
## 282           11.2      0.0       -2.1          0.0
## 283           16.3      2.2        0.5          0.6
## 284           11.6      0.4       -1.6          0.0
## 285           11.2      0.8       -2.6         -0.1
## 286           17.2      1.0        0.3          0.3
## 287           -0.4      0.0      -10.0          0.0
## 288            9.1      0.0       -6.5         -0.1
## 289           11.9      0.4       -1.6          0.0
## 290           13.5      0.3       -0.7          0.1
## 291           13.9      0.9       -0.1          0.2
## 292            8.2      1.0       -1.5          0.0
## 293           13.4      0.6       -2.7         -0.1
## 294           26.4      2.1        6.9          1.0
## 295           15.2      1.5        1.7          0.6
## 296            7.2      0.0       -7.2         -0.1
## 297            8.0      0.1       -4.6         -0.3
## 298           13.8      1.4       -1.7          0.1
## 299           16.5      0.3       -2.2          0.0
## 300           16.5      0.3       -2.2          0.0
## 301           11.1      0.1       -2.5          0.0
## 302           22.7      0.2        3.4          0.1
## 303           22.7      0.2        3.4          0.1
## 304           22.7      0.2        3.4          0.1
## 305           13.1      0.3       -1.9          0.0
## 306            8.6      0.1       -4.0         -0.2
## 307            8.6      0.1       -4.0         -0.2
## 308           15.6      0.5        1.2          0.2
## 309           12.5      0.2        0.3          0.0
## 310           20.3      0.1       -1.3          0.0
## 311           20.1      3.4        3.0          1.2
## 312           17.0      2.0        0.9          0.5
## 313           14.7      1.5        0.1          0.4
## 314           15.3      1.2       -2.0          0.0
## 315           18.9      2.7        1.7          0.8
## 316           13.0      0.5       -1.4          0.0
## 317            8.7      0.1       -4.3         -0.1
## 318           18.7      0.9       -1.0          0.1
## 319            8.9      0.7       -2.6          0.0
## 320           14.9      1.8       -0.3          0.3
## 321           16.4      1.5        0.3          0.5
## 322           15.8      1.7       -0.6          0.3
## 323           14.6      1.1       -0.6          0.2
## 324           14.8      0.4        0.8          0.1
## 325           13.2      1.2        1.0          0.5
## 326            4.4      0.0       -6.1         -0.2
## 327           13.6      0.7       -1.3          0.1
## 328            8.3      0.5       -3.1         -0.1
## 329           12.5      0.3       -2.1          0.0
## 330           14.3      1.3        0.5          0.3
## 331           15.3      0.4       -2.0          0.0
## 332           12.4      0.1        1.2          0.0
## 333           12.3      0.4       -1.7          0.0
## 334           13.4      1.3       -0.8          0.2
## 335           12.9      0.0       -5.4         -0.1
```

```
## 336              9.2       0.9      -2.0          0.0
## 337              9.4       0.3      -2.4          0.0
## 338              7.7       0.1      -5.0         -0.4
## 339             12.2       0.2      -2.3          0.0
## 340              5.6      -0.1      -5.8         -0.7
## 341              3.2       0.0      -7.6         -0.2
## 342             14.5       0.5      -0.7          0.2
## 343             16.0       0.5       0.6          0.2
## 344             13.2       0.0      -1.9          0.0
## 345             14.5       0.5      -0.7          0.2
## 346             16.0       0.5       0.6          0.2
## 347             13.2       0.0      -1.9          0.0
## 348             14.5       0.5      -0.7          0.2
## 349             16.0       0.5       0.6          0.2
## 350             13.2       0.0      -1.9          0.0
## 351             12.0       1.1      -0.4          0.3
## 352             12.0       1.1      -0.4          0.3
## 353             10.5       2.7       0.6          0.6
## 354              6.0       0.3      -3.6         -0.1
## 355              6.0       0.3      -3.6         -0.1
## 356             11.2       0.6      -1.9          0.0
## 357             12.4       0.9      -2.8         -0.2
## 358             15.0       0.9      -2.5         -0.1
## 359             20.4       3.2       3.9          1.3
## 360             13.5       0.6       0.2          0.2
## 361             11.9       0.5      -3.4         -0.3
## 362             -9.7      -0.1     -17.4         -0.1
## 363             -9.7      -0.1     -17.4         -0.1
## 364             17.2       2.1       0.9          0.5
## 365             16.5       1.8      -0.2          0.3
## 366              2.4      -0.8      -7.2         -0.4
## 367             14.6       0.3      -0.6          0.1
## 368             17.3       1.3       0.9          0.3
## 369             20.9       2.4       2.1          0.6
## 370             12.7       0.7      -1.6          0.0
## 371             15.3       1.6      -0.8          0.2
## 372             15.3       1.6      -0.8          0.2
## 373             11.7       0.6      -1.8          0.0
## 374             11.7       0.2      -2.9          0.0
## 375             11.7       0.4      -1.1          0.1
## 376             11.7       0.6      -1.8          0.0
## 377             11.7       0.2      -2.9          0.0
## 378             11.7       0.4      -1.1          0.1
## 379             11.9       0.9      -1.4          0.1
## 380             18.4       1.6       2.4          0.6
## 381             11.5       0.0      -3.9          0.0
## 382             20.7       3.6       4.2          1.7
## 383              9.3       0.4      -3.5         -0.3
## 384              8.6      -0.1      -8.1         -0.1
## 385             18.9       1.5       0.2          0.3
## 386             13.3       0.1      -5.7          0.0
## 387             11.0       0.6      -3.2         -0.2
## 388              9.7       0.6      -3.0         -0.1
## 389              9.7       0.6      -3.0         -0.1
```

```
## 390              8.8       0.9      -2.7        -0.2
## 391             17.5       3.0       0.8         0.6
## 392             16.2       1.3      -0.8         0.1
## 393              8.9       0.0      -3.5        -0.1
## 394              8.9       0.0      -3.5        -0.1
## 395              8.9       0.0      -3.5        -0.1
## 396              8.9       0.0      -3.5        -0.1
## 397             17.3       0.5       0.4         0.3
## 398             17.4       0.4       0.4         0.2
## 399             17.0       0.2       0.4         0.1
## 400             17.3       0.5       0.4         0.3
## 401             17.4       0.4       0.4         0.2
## 402             17.0       0.2       0.4         0.1
## 403             12.6       0.6      -2.4        -0.1
## 404             18.3       2.4       2.6         1.0
## 405             11.2       0.5      -4.4        -0.4
## 406             16.4       0.5       0.4         0.4
## 407             20.7       3.3       3.4         1.4
## 408             17.3       1.5       0.1         0.4
## 409              9.1       0.3      -4.0        -0.3
## 410             17.6       2.1      -0.2         0.4
## 411             19.9       2.8       4.2         1.3
## 412             12.7       0.6      -1.6         0.0
## 413             14.6       1.2       0.3         0.3
## 414              8.5       0.0      -5.4        -0.1
## 415              7.0       0.0      -4.3         0.0
## 416              9.3       0.0      -5.9        -0.1
## 417              8.5       0.0      -5.4        -0.1
## 418              7.0       0.0      -4.3         0.0
## 419              9.3       0.0      -5.9        -0.1
## 420             10.6       0.1      -2.5         0.0
## 421              7.7       0.0      -3.9         0.0
## 422              7.3       0.2      -2.3         0.0
## 423              9.2       0.1      -4.3        -0.2
## 424             14.1       1.1      -2.9        -0.1
## 425             13.8       0.6       0.7         0.2
## 426             13.4       2.0      -1.0         0.2
## 427             21.4       2.4       4.6         1.4
## 428              9.6       0.9      -2.6        -0.1
## 429              6.0      -0.1      -5.5        -0.1
## 430              6.0      -0.1      -5.5        -0.1
## 431             15.5       1.9       0.5         0.4
## 432             15.5       1.9       0.5         0.4
## 433             10.5       0.1      -2.8         0.0
## 434             10.5       0.1      -2.8         0.0
## 435             13.6       1.3      -3.1        -0.2
## 436              9.1       0.8       1.0         0.4
## 437             12.7       0.4      -1.1         0.1
## 438             12.4       0.9      -0.6         0.1
## 439             23.9       1.1       4.3         0.5
## 440             14.0       1.4      -1.2         0.2
## 441             14.0       1.4      -1.2         0.2
## 442              5.5       0.8      -4.5        -0.5
## 443              5.5       0.8      -4.5        -0.5
```

```
## 444              17.0      2.4       1.4            0.7
## 445              16.7      1.5      -0.1            0.3
## 446              18.3      3.0       2.8            1.2
## 447              12.5      0.9       0.2            0.3
## 448               5.5     -0.3      -7.8           -0.4
## 449               6.1      0.0      -5.4           -0.2
## 450              15.4      0.6      -0.4            0.1
## 451              15.4      0.6      -0.4            0.1
## 452              15.4      0.6      -0.4            0.1
## 453              14.2      0.3      -0.3            0.2
## 454              14.2      0.3      -0.3            0.2
## 455              17.3      0.7       0.9            0.4
## 456               9.2      0.6      -3.7           -0.2
## 457               9.2      0.6      -3.7           -0.2
## 458               9.2      0.6      -3.7           -0.2
## 459               9.2      0.6      -3.7           -0.2
## 460              12.0      0.1      -5.5           -0.1
## 461              12.8      0.9      -1.4            0.1
## 462              11.1      0.4      -2.0            0.0
## 463             -10.2     -0.2     -22.2           -0.1
## 464              14.4     -0.4      -1.8            0.0
## 465              10.9      0.6      -3.9           -0.4
## 466              15.0      0.3       1.5            0.2
## 467              22.2      0.8       0.1            0.2
## 468              14.0      1.2      -1.6            0.1
## 469               8.0      0.6      -3.8           -0.2
## 470              13.4      1.2      -0.7            0.2
## 471              16.5      1.3      -1.7            0.0
## 472              16.5      1.3      -1.7            0.0
## 473              27.0      3.9       4.5            1.5
## 474               9.8      0.7      -4.0           -0.4
## 475              13.4      0.5       0.0            0.1
## 476              15.1      0.5      -4.1           -0.2
## 477              24.1      2.0       4.0            0.8
## 478              16.6      2.3       2.8            1.0
## 479              16.6      2.3       2.8            1.0
## 480              18.5      1.8       2.1            0.6
## 481              22.9      3.1       4.3            1.4
## 482              18.2      1.2       1.0            0.3
## 483              20.5      2.8       0.5            0.4
##        Salary
## 1     2711280
## 2    17073171
## 3    28103550
## 4     2641691
## 5     2641691
## 6     3261480
## 7     4054695
## 8    20000000
## 9    20000000
## 10   20000000
## 11   20000000
## 12   20000000
## 13   20000000
```

```
## 14    9937150
## 15   39344970
## 16    1729217
## 17    2641691
## 18    3449400
## 19   16071429
## 20     586136
## 21     586136
## 22     586136
## 23    7000000
## 24    7000000
## 25    4692840
## 26   12632950
## 27    2075880
## 28   11312114
## 29    8231760
## 30   18604651
## 31    7568742
## 32    2033160
## 33   20284091
## 34    8623920
## 35   15384615
## 36    1729217
## 37   12213507
## 38   12213507
## 39    2401537
## 40    2513040
## 41   34502130
## 42   14391964
## 43    2541217
## 44    2541217
## 45   14320988
## 46    2824320
## 47    6350000
## 48    6350000
## 49    3098400
## 50    1366392
## 51    1366392
## 52    2089448
## 53    2089448
## 54   18125000
## 55    2161152
## 56    1729217
## 57   31610000
## 58    7009615
## 59    2641691
## 60    2641691
## 61    1789256
## 62    1789256
## 63    5421493
## 64    5557725
## 65   21700000
## 66   12200000
## 67    5170564
```

```
## 68    5170564
## 69    4736102
## 70   24830357
## 71    1701593
## 72    3000000
## 73    1802057
## 74    8730159
## 75    9536000
## 76    3333333
## 77    9536000
## 78   36016200
## 79   13038862
## 80    3804150
## 81   17103448
## 82    1517981
## 83    6920027
## 84    6920027
## 85    3833333
## 86    3000000
## 87    8604651
## 88     958529
## 89     958529
## 90     958529
## 91     958529
## 92    2726880
## 93     377645
## 94     377645
## 95     377645
## 96   12420000
## 97   23000000
## 98   21000000
## 99    5333333
## 100    759106
## 101    759106
## 102    759106
## 103    759106
## 104    759106
## 105    759106
## 106    759106
## 107    759106
## 108  12975471
## 109   4878049
## 110   4878049
## 111   9720900
## 112   6395160
## 113   8186047
## 114  45780966
## 115  35361360
## 116   2641691
## 117   4000000
## 118   4000000
## 119  26000000
## 120   5200000
## 121   5200000
```

```
## 122  4000000
## 123  4000000
## 124 17142857
## 125  4675830
## 126  1782621
## 127       NA
## 128  1910860
## 129  2401537
## 130  2401537
## 131 40918900
## 132 10245480
## 133  1517981
## 134  2641691
## 135 31579390
## 136  1762796
## 137  9720900
## 138  1782621
## 139  4000000
## 140  2048040
## 141 18139535
## 142 18139535
## 143 28103550
## 144 16500000
## 145  1782621
## 146  1782621
## 147 20475000
## 148  7040880
## 149  5890000
## 150 39344970
## 151  4910000
## 152  5495532
## 153  1517981
## 154 35344828
## 155       NA
## 156 16409091
## 157 16409091
## 158 18218818
## 159 11000000
## 160 20000000
## 161 10000000
## 162 24026712
## 163  8292683
## 164  1669178
## 165  1669178
## 166  4500000
## 167  2957520
## 168 32405817
## 169 32405817
## 170 32405817
## 171 32405817
## 172       NA
## 173       NA
## 174  4916160
## 175  4023600
```

```
## 176  2303040
## 177  2303040
## 178 21306816
## 179 43848000
## 180 43848000
## 181 43848000
## 182 43848000
## 183 43848000
## 184 43848000
## 185  4347600
## 186  4347600
## 187  9720900
## 188 20482143
## 189 20482143
## 190 17357143
## 191 36000000
## 192  3430810
## 193  3430810
## 194  3430810
## 195  3430810
## 196 12000000
## 197  5348280
## 198  5572680
## 199 29900000
## 200  4004280
## 201 22477273
## 202  4000000
## 203  4000000
## 204  4000000
## 205  4000000
## 206  2389641
## 207  3980551
## 208 30133333
## 209  6006420
## 210 10384500
## 211  2239544
## 212  2239544
## 213 27000000
## 214  9500000
## 215  2641691
## 216  4253357
## 217  1517981
## 218  7775400
## 219  9742000
## 220  2641691
## 221 14000000
## 222 29467800
## 223 34916200
## 224  3000000
## 225  5005350
## 226 10384500
## 227 41180544
## 228  1517981
## 229  4437000
```

```
## 230   2641691
## 231   2641691
## 232   2145720
## 233    888616
## 234    888616
## 235    888616
## 236    888616
## 237    888616
## 238   9720900
## 239   1977011
## 240   1977011
## 241   1977011
## 242   1517981
## 243   7522200
## 244  10517224
## 245  10517224
## 246   7310000
## 247   7310000
## 248   7310000
## 249   7310000
## 250   2089448
## 251  12727273
## 252   8750000
## 253   2197674
## 254   4629630
## 255    606702
## 256    606702
## 257    606702
## 258    606702
## 259    606702
## 260    606702
## 261  13000000
## 262  10500000
## 263  19500000
## 264   3940184
## 265   1910860
## 266   1489065
## 267   3731707
## 268   3731707
## 269   3731707
## 270   3731707
## 271   3731707
## 272   3731707
## 273  39344900
## 274  17500000
## 275  17500000
## 276   3822240
## 277  39344900
## 278   2316240
## 279   5178572
## 280  13302325
## 281   5000000
## 282  31300000
## 283  26984128
```

```
## 284   2500000
## 285   1782621
## 286  15690909
## 287   1517981
## 288   1517981
## 289    527614
## 290   1782621
## 291   1093598
## 292   1958501
## 293   2602920
## 294  30864198
## 295   7500000
## 296   1782621
## 297   2063280
## 298  13750000
## 299   5000000
## 300   5000000
## 301   1939350
## 302   1090007
## 303   1090007
## 304   1090007
## 305   1669178
## 306   2389641
## 307   2389641
## 308   8437500
## 309    663024
## 310   1762796
## 311  35500000
## 312   2641691
## 313   5890000
## 314   1846738
## 315  28103550
## 316   1789256
## 317   2641691
## 318   9603360
## 319   2641691
## 320   8333333
## 321  15428571
## 322  31590000
## 323   3500000
## 324   2000000
## 325  10690909
## 326   3631200
## 327   2089448
## 328   3300000
## 329   2498760
## 330   8800000
## 331   1782621
## 332   1789256
## 333   5000000
## 334   4650000
## 335   1517981
## 336   1789256
## 337   3277080
```

```
## 338  4087904
## 339  6104280
## 340  6720720
## 341  1782621
## 342  2389641
## 343  2389641
## 344  2389641
## 345  2389641
## 346  2389641
## 347  2389641
## 348  2389641
## 349  2389641
## 350  2389641
## 351 12195122
## 352 12195122
## 353  8678571
## 354   850331
## 355   850331
## 356  8050000
## 357 12000000
## 358  1782621
## 359 30800000
## 360  6500000
## 361  2239544
## 362       NA
## 363       NA
## 364  8137500
## 365  8750000
## 366  3113160
## 367  2161440
## 368  5258735
## 369  4347600
## 370 11000000
## 371 15517242
## 372 15517242
## 373 15057692
## 374 15057692
## 375 15057692
## 376 15057692
## 377 15057692
## 378 15057692
## 379  2137440
## 380  2210640
## 381  1517981
## 382 19800000
## 383  4670160
## 384  1517981
## 385  1782621
## 386  1517981
## 387 11600000
## 388  2401537
## 389  2401537
## 390 15560000
## 391  1802057
```

```
## 392  1782621
## 393  2641691
## 394  2641691
## 395  2641691
## 396  2641691
## 397 13445120
## 398 13445120
## 399 13445120
## 400 13445120
## 401 13445120
## 402 13445120
## 403 12500000
## 404 17905263
## 405 17809524
## 406 30013500
## 407 18562500
## 408  6349671
## 409  3768342
## 410 31320000
## 411 31590000
## 412  3938818
## 413 14339285
## 414  1789256
## 415  1789256
## 416  1789256
## 417  1789256
## 418  1789256
## 419  1789256
## 420  4500000
## 421  4458000
## 422  2389641
## 423  1517981
## 424  3277080
## 425  1669178
## 426  1517981
## 427 28103550
## 428  4910000
## 429  1517981
## 430  1517981
## 431  8372093
## 432  8372093
## 433  1669178
## 434  1669178
## 435  9720900
## 436  2840160
## 437  5105160
## 438  1701593
## 439 31610000
## 440 16000000
## 441 16000000
## 442  7000000
## 443  7000000
## 444 18000000
## 445  4259259
```

```
## 446 19675926
## 447  4235160
## 448  1669178
## 449  1782621
## 450  1729217
## 451  1729217
## 452  1729217
## 453  8729020
## 454  8729020
## 455 44310840
## 456   705598
## 457   705598
## 458   705598
## 459   705598
## 460 12690000
## 461  4215120
## 462  1762769
## 463       NA
## 464 44211146
## 465  5837760
## 466 15178571
## 467  2401537
## 468 31579390
## 469  2617800
## 470  2000000
## 471  5000000
## 472  5000000
## 473 10733400
## 474  7422000
## 475  2239200
## 476  9166800
## 477 13666667
## 478  8526316
## 479  8526316
## 480 14190000
## 481  8326471
## 482  2389641
## 483  7518518
```

filter data

```
# filter players with games played over 10, then filter with total minutes played over 100
our_data <- conversion2 %>% filter(Games.Played >= 10 & MPG > 10) %>% select(Player:Salary) %>% drop_na
our_data
```

```
##                         Player Games.Played  PPG  RPG  APG  SPG  BPG  TPG  MPG
## 1            Precious Achiuwa           61  5.0  3.4  0.5 0.33 0.46 0.70 12.1
## 2                Steven Adams           58  7.6  8.9  1.9 0.93 0.66 1.36 27.7
## 3                 Bam Adebayo           64 18.7  9.0  5.4 1.17 1.03 2.64 33.5
## 4            LaMarcus Aldridge           21 13.7  4.5  1.7 0.38 0.86 0.95 25.9
## 5    Nickeil Alexander-Walker           46 11.0  3.1  2.2 1.02 0.48 1.50 21.9
## 6                Grayson Allen           50 10.6  3.2  2.2 0.92 0.16 0.96 25.2
```

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```
## 7              Jarrett Allen      12 11.2 10.4  1.7 0.58 1.58 1.83 26.6
## 8              Jarrett Allen      12 11.2 10.4  1.7 0.58 1.58 1.83 26.6
## 9              Jarrett Allen      12 11.2 10.4  1.7 0.58 1.58 1.83 26.6
## 10             Jarrett Allen      51 13.2  9.9  1.7 0.47 1.41 1.53 30.3
## 11             Jarrett Allen      51 13.2  9.9  1.7 0.47 1.41 1.53 30.3
## 12             Jarrett Allen      51 13.2  9.9  1.7 0.47 1.41 1.53 30.3
## 13             Kyle Anderson      69 12.4  5.7  3.6 1.22 0.83 1.25 27.4
## 14     Giannis Antetokounmpo      61 28.1 11.0  5.9 1.18 1.21 3.39 33.0
## 15           Carmelo Anthony      69 13.4  3.1  1.5 0.67 0.55 0.88 24.5
## 16              Cole Anthony      47 12.9  4.7  4.1 0.64 0.38 2.26 27.1
## 17                OG Anunoby      43 15.9  5.5  2.2 1.53 0.72 1.74 33.3
## 18          Ryan Arcidiacono      44  3.1  1.5  1.3 0.20 0.00 0.23 10.2
## 19          Ryan Arcidiacono      44  3.1  1.5  1.3 0.20 0.00 0.23 10.2
## 20          Ryan Arcidiacono      44  3.1  1.5  1.3 0.20 0.00 0.23 10.2
## 21             D.J. Augustin      37  6.1  1.4  3.0 0.54 0.03 0.92 19.3
## 22             D.J. Augustin      20 10.6  2.2  3.9 0.40 0.00 1.55 20.8
## 23               Deni Avdija      54  6.3  4.8  1.2 0.59 0.28 0.61 23.3
## 24             Deandre Ayton      69 14.4 10.5  1.4 0.59 1.17 1.48 30.6
## 25         Marvin Bagley III      43 14.1  7.4  1.0 0.49 0.49 1.37 25.9
## 26               LaMelo Ball      51 15.7  5.9  6.1 1.59 0.35 2.84 28.8
## 27                Lonzo Ball      55 14.6  4.8  5.7 1.49 0.56 2.24 31.8
## 28                  Mo Bamba      46  8.0  5.8  0.8 0.30 1.26 0.80 15.8
## 29               Desmond Bane      68  9.2  3.1  1.7 0.62 0.24 0.87 22.3
## 30            Harrison Barnes      58 16.1  6.6  3.5 0.74 0.19 1.60 36.3
## 31                RJ Barrett      72 17.6  5.8  3.0 0.74 0.28 1.93 34.9
## 32               Will Barton      56 12.7  4.0  3.2 0.89 0.41 1.71 31.0
## 33             Nicolas Batum      67  8.1  4.7  2.2 1.03 0.55 0.79 27.4
## 34             Nicolas Batum      67  8.1  4.7  2.2 1.03 0.55 0.79 27.4
## 35             Kent Bazemore      67  7.2  3.4  1.6 1.03 0.49 1.22 19.9
## 36             Darius Bazley      55 13.7  7.2  1.8 0.53 0.45 2.22 31.2
## 37              Bradley Beal      60 31.3  4.7  4.4 1.15 0.37 3.12 35.8
## 38             Malik Beasley      37 19.6  4.4  2.4 0.81 0.19 1.62 32.8
## 39           DeAndre' Bembry      51  5.7  2.9  2.1 1.04 0.35 1.39 19.1
## 40           DeAndre' Bembry      51  5.7  2.9  2.1 1.04 0.35 1.39 19.1
## 41          Patrick Beverley      37  7.5  3.2  2.1 0.76 0.76 0.92 22.5
## 42                Saddiq Bey      70 12.2  4.6  1.4 0.74 0.20 0.86 27.3
## 43                Khem Birch      48  5.3  5.1  1.1 0.67 0.58 0.48 19.8
## 44                Khem Birch      19 11.9  7.5  1.9 0.89 1.16 1.11 30.4
## 45               Goga Bitadze      45  5.1  3.3  0.8 0.20 1.33 0.38 12.5
## 46           Bismack Biyombo      66  5.0  5.3  1.2 0.26 1.12 1.08 20.4
## 47           Bismack Biyombo      66  5.0  5.3  1.2 0.26 1.12 1.08 20.4
## 48           Nemanja Bjelica      26  7.2  3.8  1.9 0.31 0.08 1.08 16.9
## 49           Nemanja Bjelica      11  5.0  2.5  1.8 0.64 0.27 0.45 14.2
## 50               Eric Bledsoe      71 12.2  3.4  3.8 0.77 0.34 1.58 29.7
## 51                Isaac Bonga      40  2.0  1.7  0.6 0.28 0.23 0.55 10.8
## 52               Devin Booker      67 25.6  4.2  4.3 0.79 0.24 3.09 33.9
## 53              Chris Boucher      60 13.6  6.7  1.1 0.58 1.85 0.77 24.2
## 54              Avery Bradley      10  8.5  1.8  1.4 0.70 0.10 0.90 21.1
## 55              Avery Bradley      17  5.2  2.3  1.9 0.82 0.18 1.12 23.0
## 56               Tony Bradley      20  5.5  5.2  0.9 0.30 0.65 0.30 14.4
## 57               Tony Bradley      22  8.7  6.1  0.9 0.41 0.77 1.23 18.0
## 58               Miles Bridges      66 12.7  6.0  2.2 0.67 0.79 1.61 29.3
## 59               Mikal Bridges      72 13.5  4.3  2.1 1.06 0.88 0.81 32.6
## 60            Malcolm Brogdon      56 21.2  5.3  5.9 0.88 0.27 2.05 34.5
```

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```
## 61           Dillon Brooks  67 17.2  2.9  2.3 1.16 0.39 1.78 29.8
## 62          Troy Brown Jr.  21  4.3  2.9  0.9 0.14 0.19 0.76 13.7
## 63          Troy Brown Jr.  13  5.5  3.4  0.8 0.54 0.15 0.38 18.2
## 64             Bruce Brown  65  8.8  5.4  1.6 0.86 0.43 0.83 22.3
## 65            Jaylen Brown  58 24.7  6.0  3.4 1.24 0.55 2.72 34.5
## 66             Moses Brown  43  8.6  8.9  0.2 0.72 1.12 1.00 21.4
## 67          Sterling Brown  51  8.2  4.4  1.4 0.75 0.24 0.80 24.1
## 68           Jalen Brunson  68 12.6  3.4  3.5 0.51 0.01 1.18 25.0
## 69           Thomas Bryant  10 14.3  6.1  1.5 0.40 0.80 1.10 27.1
## 70          Reggie Bullock  65 10.9  3.4  1.5 0.80 0.17 0.69 30.0
## 71              Trey Burke  62  6.6  0.9  1.3 0.60 0.10 0.53 14.7
## 72              Alec Burks  49 12.7  4.6  2.2 0.63 0.29 1.00 25.6
## 73            Jimmy Butler  52 21.5  6.9  7.1 2.08 0.35 2.10 33.6
## 74 Kentavious Caldwell-Pope  67  9.7  2.7  1.9 0.93 0.39 1.01 28.4
## 75        Facundo Campazzo  65  6.1  2.1  3.6 1.22 0.22 1.12 21.9
## 76            Clint Capela  63 15.2 14.3  0.8 0.70 2.05 1.16 30.1
## 77       Wendell Carter Jr.  32 10.9  7.8  2.2 0.56 0.75 1.53 24.7
## 78       Wendell Carter Jr.  22 11.7  8.8  1.6 0.77 0.82 1.32 26.5
## 79            Jevon Carter  60  4.1  1.5  1.2 0.48 0.15 0.27 11.9
## 80 Michael Carter-Williams  31  8.8  4.5  4.1 0.81 0.55 2.23 25.8
## 81             Alex Caruso  58  6.4  2.9  2.8 1.10 0.26 1.31 21.0
## 82          Brandon Clarke  59 10.3  5.6  1.6 1.03 0.86 0.56 24.0
## 83              Gary Clark  35  3.4  3.2  0.9 0.34 0.20 0.49 18.2
## 84          Jordan Clarkson  68 18.4  4.0  2.5 0.90 0.15 1.69 26.7
## 85            John Collins  63 17.6  7.4  1.2 0.54 1.00 1.33 29.3
## 86             Mike Conley  51 16.2  3.5  6.0 1.37 0.18 1.94 29.4
## 87         Pat Connaughton  69  6.8  4.8  1.2 0.68 0.33 0.48 22.8
## 88         DeMarcus Cousins  25  9.6  7.6  2.4 0.84 0.72 1.56 20.2
## 89         DeMarcus Cousins  25  9.6  7.6  2.4 0.84 0.72 1.56 20.2
## 90         DeMarcus Cousins  25  9.6  7.6  2.4 0.84 0.72 1.56 20.2
## 91         DeMarcus Cousins  25  9.6  7.6  2.4 0.84 0.72 1.56 20.2
## 92         DeMarcus Cousins  16  7.8  4.5  1.0 0.81 0.38 1.56 12.9
## 93         DeMarcus Cousins  16  7.8  4.5  1.0 0.81 0.38 1.56 12.9
## 94         DeMarcus Cousins  16  7.8  4.5  1.0 0.81 0.38 1.56 12.9
## 95         DeMarcus Cousins  16  7.8  4.5  1.0 0.81 0.38 1.56 12.9
## 96        Robert Covington  70  8.5  6.7  1.7 1.44 1.20 0.91 32.0
## 97             Torrey Craig  18  2.5  2.4  0.9 0.50 0.39 0.28 11.2
## 98             Torrey Craig  32  7.2  4.8  1.0 0.59 0.59 0.63 18.8
## 99              Jae Crowder  60 10.1  4.7  2.1 0.82 0.43 0.92 27.5
## 100           Jarrett Culver  34  5.3  3.1  0.7 0.50 0.26 0.82 14.7
## 101              Seth Curry  57 12.5  2.4  2.7 0.77 0.14 1.14 28.7
## 102           Stephen Curry  63 32.0  5.5  5.8 1.21 0.13 3.38 34.2
## 103           Anthony Davis  36 21.8  7.9  3.1 1.25 1.64 2.06 32.3
## 104                Ed Davis  23  2.1  5.0  0.9 0.57 0.57 0.30 13.0
## 105           Terence Davis  34  6.9  1.9  1.1 0.50 0.21 0.85 14.5
## 106           Terence Davis  27 11.1  3.3  1.7 1.04 0.26 1.26 21.5
## 107            DeMar DeRozan  61 21.6  4.2  6.9 0.92 0.25 1.95 33.7
## 108           Hamidou Diallo  32 11.9  5.2  2.4 0.97 0.38 1.53 23.8
## 109           Hamidou Diallo  20 11.2  5.4  1.2 0.50 0.60 1.35 23.3
## 110            Gorgui Dieng  22  7.9  4.5  1.3 0.77 0.64 1.00 16.9
## 111            Gorgui Dieng  16  5.3  2.6  1.2 0.56 0.13 0.63 11.3
## 112        Donte DiVincenzo  66 10.4  5.8  3.1 1.09 0.23 1.39 27.5
## 113          Luguentz Dort  52 14.0  3.6  1.7 0.87 0.37 1.52 29.7
## 114              PJ Dozier  50  7.7  3.6  1.8 0.62 0.44 0.94 21.8
```

```
## 115        Andre Drummond         25 17.5 13.5  2.6 1.60 1.16 3.24 28.9
## 116        Andre Drummond         21 11.9 10.2  1.4 1.10 0.95 2.05 24.8
## 117          Kevin Durant         35 26.9  7.1  5.6 0.71 1.29 3.43 33.1
## 118        Anthony Edwards        72 19.3  4.7  2.9 1.14 0.49 2.24 32.1
## 119        Wayne Ellington        46  9.6  1.8  1.5 0.39 0.20 0.72 22.0
## 120           Joel Embiid         51 28.5 10.5  2.8 0.98 1.35 3.12 31.1
## 121           Drew Eubanks        54  5.8  4.5  0.8 0.33 0.91 0.83 14.0
## 122         Derrick Favors        68  5.4  5.5  0.6 0.47 1.00 0.53 15.3
## 123     Dorian Finney-Smith       60  9.8  5.4  1.7 0.87 0.40 0.80 32.0
## 124          Malachi Flynn        47  7.5  2.5  2.9 0.83 0.15 0.91 19.7
## 125          Evan Fournier        26 19.7  2.9  3.7 1.04 0.35 2.08 30.3
## 126          Evan Fournier        16 13.0  3.3  3.1 1.25 0.63 1.19 29.5
## 127           De'Aaron Fox        58 25.2  3.5  7.2 1.50 0.47 3.00 35.1
## 128          Daniel Gafford       31  4.7  3.3  0.5 0.35 1.10 0.71 12.4
## 129          Daniel Gafford       23 10.1  5.6  0.5 0.65 1.78 0.83 17.8
## 130        Danilo Gallinari      51 13.3  4.2  1.5 0.59 0.20 0.84 24.0
## 131          Darius Garland       54 17.4  2.4  6.1 1.22 0.11 3.04 33.1
## 132              Rudy Gay         63 11.4  4.8  1.4 0.73 0.63 1.03 21.5
## 133            Paul George        54 23.3  6.6  5.2 1.15 0.44 3.31 33.7
## 134             Taj Gibson        45  5.4  5.6  0.8 0.69 1.09 0.49 20.8
## 135  Shai Gilgeous-Alexander     35 23.7  4.7  5.9 0.77 0.66 3.03 33.7
## 136           Rudy Gobert        71 14.3 13.5  1.3 0.56 2.68 1.66 30.8
## 137           Aaron Gordon        25 14.6  6.6  4.2 0.64 0.80 2.68 29.4
## 138           Aaron Gordon        25 10.2  4.7  2.2 0.68 0.56 1.16 25.9
## 139            Eric Gordon        27 17.8  2.1  2.6 0.52 0.48 1.89 29.2
## 140         Devonte' Graham       55 14.8  2.7  5.4 0.87 0.11 1.53 30.2
## 141           Jerami Grant        54 22.3  4.6  2.8 0.65 1.07 2.02 33.9
## 142            Danny Green        69  9.5  3.8  1.7 1.33 0.81 0.96 28.0
## 143         Draymond Green        63  7.0  7.1  8.9 1.70 0.83 2.98 31.5
## 144          JaMychal Green       58  8.1  4.8  0.9 0.45 0.38 0.91 19.3
## 145          Javonte Green       25  4.2  2.1  0.4 0.72 0.08 0.52 13.8
## 146             Jeff Green        68 11.0  3.9  1.6 0.53 0.40 0.79 27.0
## 147             Josh Green        39  2.6  2.0  0.7 0.41 0.08 0.44 11.4
## 148           Blake Griffin       20 12.3  5.2  3.9 0.70 0.10 1.60 31.3
## 149           Blake Griffin       20 12.3  5.2  3.9 0.70 0.10 1.60 31.3
## 150           Blake Griffin       26 10.0  4.7  2.4 0.69 0.50 1.15 21.5
## 151           Blake Griffin       26 10.0  4.7  2.4 0.69 0.50 1.15 21.5
## 152          Rui Hachimura       57 13.8  5.5  1.4 0.79 0.12 1.19 31.5
## 153       Tyrese Haliburton      58 13.0  3.0  5.3 1.33 0.48 1.59 30.1
## 154           R.J. Hampton        26 11.2  5.0  2.8 0.62 0.35 1.62 25.2
## 155         Tim Hardaway Jr.      70 16.6  3.3  1.8 0.44 0.16 0.91 28.4
## 156            James Harden       36 24.6  8.6 10.9 1.28 0.75 3.97 36.6
## 157            James Harden       36 24.6  8.6 10.9 1.28 0.75 3.97 36.6
## 158            James Harden       36 24.6  8.6 10.9 1.28 0.75 3.97 36.6
## 159        Maurice Harkless       11  1.4  1.2  0.6 0.18 0.36 0.27 11.2
## 160        Maurice Harkless       26  6.9  3.0  1.4 1.08 0.65 0.77 24.9
## 161        Montrezl Harrell      69 13.5  6.2  1.1 0.67 0.71 1.07 22.9
## 162            Gary Harris        19  9.7  2.5  1.7 0.89 0.21 0.74 30.6
## 163            Gary Harris        20 10.2  1.6  2.3 0.55 0.30 1.15 24.9
## 164             Joe Harris        69 14.1  3.6  1.9 0.68 0.20 0.90 31.0
## 165           Tobias Harris       62 19.5  6.8  3.5 0.89 0.82 1.73 32.5
## 166       Isaiah Hartenstein      16  8.3  6.0  2.5 0.50 1.19 1.44 17.9
## 167       Isaiah Hartenstein      16  8.3  6.0  2.5 0.50 1.19 1.44 17.9
## 168              Josh Hart        47  9.2  8.0  2.3 0.81 0.26 1.09 28.7
```

```
## 169          Jaxson Hayes  60   7.5  4.3  0.6 0.42 0.63 0.65 16.1
## 170         Killian Hayes  26   6.8  2.7  5.3 1.04 0.38 3.19 25.8
## 171        Gordon Hayward  44  19.6  5.9  4.1 1.18 0.32 2.07 34.0
## 172            Tyler Herro  54  15.1  4.9  3.4 0.65 0.31 1.87 30.3
## 173           Buddy Hield  71  16.6  4.7  3.6 0.89 0.42 1.83 34.3
## 174           George Hill  14  11.8  2.1  3.1 0.86 0.14 0.86 26.3
## 175           George Hill  14  11.8  2.1  3.1 0.86 0.14 0.86 26.3
## 176           George Hill  16   6.0  2.0  1.9 0.69 0.19 1.19 18.9
## 177           George Hill  16   6.0  2.0  1.9 0.69 0.19 1.19 18.9
## 178          Solomon Hill  71   4.4  3.0  1.1 0.70 0.15 0.59 21.3
## 179         Aaron Holiday  66   7.2  1.3  1.9 0.70 0.20 1.00 17.8
## 180          Jrue Holiday  59  17.7  4.5  6.1 1.64 0.63 2.15 32.3
## 181        Justin Holiday  72  10.5  3.6  1.7 1.03 0.57 0.75 30.3
## 182        Richaun Holmes  61  14.2  8.3  1.7 0.64 1.56 1.23 29.2
## 183           Rodney Hood  38   4.7  1.9  1.2 0.53 0.11 0.82 19.1
## 184           Rodney Hood  17   3.9  1.8  0.4 0.24 0.18 0.29 12.7
## 185             Al Horford  28  14.2  6.7  3.4 0.89 0.93 1.04 27.9
## 186   Talen Horton-Tucker  65   9.0  2.6  2.8 0.97 0.32 1.63 20.1
## 187         Dwight Howard  69   7.0  8.4  0.9 0.43 0.90 1.62 17.3
## 188         Kevin Huerter  69  11.9  3.3  3.5 1.19 0.26 1.14 30.8
## 189        De'Andre Hunter  23  15.0  4.8  1.9 0.83 0.52 1.26 29.5
## 190           Serge Ibaka  41  11.1  6.7  1.8 0.22 1.15 1.07 23.3
## 191        Andre Iguodala  63   4.4  3.5  2.3 0.92 0.52 1.06 21.3
## 192            Joe Ingles  67  12.1  3.6  4.7 0.67 0.18 1.75 27.9
## 193        Brandon Ingram  61  23.8  4.9  4.9 0.69 0.59 2.51 34.3
## 194          Kyrie Irving  54  26.9  4.8  6.0 1.41 0.69 2.39 34.9
## 195         Frank Jackson  40   9.8  2.2  0.9 0.38 0.03 0.88 18.5
## 196          Josh Jackson  62  13.4  4.1  2.3 0.85 0.76 2.29 25.2
## 197        Reggie Jackson  67  10.7  2.9  3.1 0.63 0.10 1.10 23.0
## 198          LeBron James  45  25.0  7.7  7.8 1.07 0.56 3.73 33.4
## 199       Cameron Johnson  60   9.6  3.3  1.4 0.62 0.27 0.67 24.0
## 200         James Johnson  29   5.7  3.0  1.7 0.83 0.79 0.93 17.4
## 201         James Johnson  22   9.2  4.1  2.2 0.82 0.86 1.27 24.5
## 202        Keldon Johnson  69  12.8  6.0  1.8 0.58 0.35 1.13 28.5
## 203       Stanley Johnson  61   4.4  2.5  1.5 0.85 0.31 0.89 16.5
## 204       Stanley Johnson  61   4.4  2.5  1.5 0.85 0.31 0.89 16.5
## 205       Stanley Johnson  61   4.4  2.5  1.5 0.85 0.31 0.89 16.5
## 206       Stanley Johnson  61   4.4  2.5  1.5 0.85 0.31 0.89 16.5
## 207       Stanley Johnson  61   4.4  2.5  1.5 0.85 0.31 0.89 16.5
## 208      Derrick Jones Jr.  58   6.8  3.5  0.8 0.64 0.93 0.55 22.7
## 209          Damian Jones  17   6.9  4.5  1.4 0.53 1.00 0.88 20.0
## 210            Tyus Jones  70   6.3  2.0  3.7 0.90 0.09 0.69 17.5
## 211        DeAndre Jordan  57   7.5  7.5  1.6 0.30 1.14 1.49 21.9
## 212        DeAndre Jordan  57   7.5  7.5  1.6 0.30 1.14 1.49 21.9
## 213           Cory Joseph  44   6.6  2.3  2.5 0.86 0.20 1.00 21.5
## 214           Cory Joseph  44   6.6  2.3  2.5 0.86 0.20 1.00 21.5
## 215           Cory Joseph  19  12.0  3.2  5.5 1.21 0.47 1.79 26.4
## 216           Cory Joseph  19  12.0  3.2  5.5 1.21 0.47 1.79 26.4
## 217        Frank Kaminsky  47   6.6  4.0  1.7 0.30 0.36 0.47 15.2
## 218          Luke Kennard  63   8.3  2.6  1.7 0.35 0.14 0.76 19.6
## 219           Maxi Kleber  50   7.1  5.2  1.4 0.48 0.70 0.60 26.8
## 220          John Konchar  43   4.3  3.0  1.1 0.70 0.21 0.42 13.4
## 221        Furkan Korkmaz  55   9.1  2.1  1.5 0.89 0.16 0.84 19.3
## 222           Luke Kornet  18   4.4  2.9  1.1 0.11 1.39 0.33 14.1
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## 223       Luke Kornet    18  4.4  2.9  1.1 0.11 1.39 0.33 14.1
## 224       Luke Kornet    18  4.4  2.9  1.1 0.11 1.39 0.33 14.1
## 225        Kyle Kuzma    68 12.9  6.1  1.9 0.50 0.60 1.66 28.7
## 226       Jeremy Lamb    36 10.1  3.6  1.5 0.94 0.64 0.61 21.3
## 227       Zach LaVine    58 27.4  5.0  4.9 0.79 0.47 3.50 35.1
## 228       Jake Layman    45  5.1  1.5  0.6 0.64 0.42 0.58 13.9
## 229       Damion Lee    57  6.5  3.2  1.3 0.67 0.14 0.53 18.9
## 230        Saben Lee    48  5.6  2.0  3.6 0.67 0.27 1.15 16.3
## 231         Alex Len    57  7.1  4.4  0.8 0.33 1.02 0.82 15.8
## 232         Alex Len    57  7.1  4.4  0.8 0.33 1.02 0.82 15.8
## 233         Alex Len    57  7.1  4.4  0.8 0.33 1.02 0.82 15.8
## 234     Kawhi Leonard    52 24.8  6.5  5.2 1.56 0.40 2.02 34.1
## 235       Caris LeVert    12 18.5  4.3  6.0 1.08 0.50 2.17 27.8
## 236       Caris LeVert    35 20.7  4.6  4.9 1.51 0.69 2.17 32.9
## 237     Kira Lewis Jr.    54  6.4  1.3  2.3 0.70 0.19 0.63 16.7
## 238     Damian Lillard    67 28.7  4.2  7.5 0.93 0.25 3.03 35.8
## 239      Nassir Little    48  4.6  2.7  0.5 0.10 0.27 0.38 13.3
## 240      Kevon Looney    61  4.1  5.3  1.9 0.36 0.36 0.61 19.0
## 241       Brook Lopez    70 12.3  5.0  0.7 0.57 1.47 0.91 27.2
## 242       Robin Lopez    71  9.0  3.8  0.8 0.21 0.62 1.06 19.1
## 243        Kevin Love    25 12.2  7.4  2.5 0.64 0.08 1.52 24.9
## 244        Kyle Lowry    46 17.2  5.3  7.3 1.02 0.26 2.74 34.8
## 245         Trey Lyles    23  5.0  3.7  0.6 0.26 0.04 0.26 15.6
## 246       Terance Mann    67  7.0  3.6  1.6 0.45 0.19 0.60 18.9
## 247    Lauri Markkanen    51 13.6  5.3  0.9 0.51 0.29 1.02 25.8
## 248      Naji Marshall    32  7.7  4.6  2.8 0.81 0.31 1.19 21.9
## 249   Kenyon Martin Jr.    45  9.3  5.4  1.1 0.67 0.91 0.84 23.7
## 250       Caleb Martin    53  5.0  2.7  1.3 0.70 0.23 0.62 15.4
## 251        Cody Martin    52  4.0  3.1  1.7 0.73 0.23 0.77 16.3
## 252   Garrison Mathews    64  5.5  1.4  0.4 0.45 0.11 0.16 16.2
## 253   Wesley Matthews    58  4.8  1.6  0.9 0.64 0.28 0.45 19.5
## 254       Tyrese Maxey    61  8.0  1.7  2.0 0.43 0.21 0.67 15.3
## 255       CJ McCollum    47 23.1  3.9  4.7 0.94 0.45 1.36 34.0
## 256     T.J. McConnell    69  8.6  3.7  6.6 1.86 0.33 1.96 26.0
## 257     Jalen McDaniels    47  7.4  3.6  1.1 0.60 0.40 0.96 19.2
## 258     Jaden McDaniels    63  6.8  3.7  1.1 0.56 0.95 0.75 24.0
## 259     Doug McDermott    66 13.6  3.3  1.3 0.30 0.09 0.80 24.5
## 260       JaVale McGee    33  8.0  5.2  1.0 0.48 1.21 1.36 15.2
## 261       JaVale McGee    13  5.5  5.3  0.5 0.23 1.08 1.15 13.5
## 262     Rodney McGruder    16  5.7  1.4  1.0 0.50 0.06 0.44 12.1
## 263   Jordan McLaughlin    51  5.0  2.1  3.8 1.00 0.12 1.00 18.4
## 264       Ben McLemore    32  7.4  2.1  0.9 0.63 0.09 0.88 16.8
## 265       Ben McLemore    21  8.0  1.6  0.5 0.14 0.29 0.71 17.5
## 266  De'Anthony Melton    52  9.1  3.1  2.5 1.13 0.60 1.27 20.1
## 267      Chimezie Metu    36  6.3  3.1  0.8 0.39 0.53 0.81 13.6
## 268    Khris Middleton    68 20.4  6.0  5.4 1.09 0.15 2.60 33.4
## 269       Paul Millsap    56  9.0  4.7  1.8 0.91 0.64 0.91 20.8
## 270        Patty Mills    68 10.8  1.7  2.4 0.60 0.04 0.96 24.8
## 271       Shake Milton    63 13.0  2.3  3.1 0.62 0.29 1.63 23.2
## 272   Donovan Mitchell    53 26.4  4.4  5.2 0.98 0.28 2.77 33.4
## 273         Malik Monk    42 11.7  2.4  2.1 0.45 0.10 1.31 20.9
## 274      E'Twaun Moore    27  4.9  1.7  1.5 0.56 0.19 0.85 14.4
## 275         Ja Morant    63 19.1  4.0  7.4 0.90 0.21 3.22 32.6
## 276    Markieff Morris    61  6.7  4.4  1.2 0.36 0.31 0.89 19.7
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## 277        Monte Morris  47 10.2   2.0  3.2 0.72 0.28 0.72 25.5
## 278     Dejounte Murray  67 15.7   7.1  5.4 1.51 0.10 1.75 31.9
## 279        Jamal Murray  48 21.2   4.0  4.8 1.33 0.27 2.23 35.5
## 280        Mike Muscala  35  9.7   3.8  0.8 0.23 0.31 0.60 18.4
## 281         Abdel Nader  24  6.7   2.6  0.8 0.42 0.38 0.79 14.8
## 282     Larry Nance Jr.  35  9.3   6.7  3.1 1.74 0.49 1.57 31.2
## 283       Aaron Nesmith  46  4.7   2.8  0.5 0.33 0.20 0.50 14.5
## 284          Raul Neto  64  8.7   2.4  2.3 1.14 0.09 0.83 21.9
## 285       Georges Niang  72  6.9   2.4  0.8 0.36 0.10 0.71 16.0
## 286        Nerlens Noel  64  5.1   6.4  0.7 1.09 2.20 1.02 24.2
## 287       Jaylen Nowell  42  9.0   2.3  1.5 0.52 0.29 0.67 18.1
## 288        Kendrick Nunn  56 14.6   3.2  2.6 0.96 0.25 1.43 29.5
## 289         David Nwaba  30  9.2   3.9  1.0 1.00 0.70 0.57 22.6
## 290        Semi Ojeleye  56  4.6   2.6  0.7 0.30 0.00 0.38 17.0
## 291         Chuma Okeke  45  7.8   4.0  2.2 1.07 0.51 0.84 25.2
## 292         Josh Okogie  59  5.4   2.6  1.1 0.92 0.47 0.73 20.3
## 293      Onyeka Okongwu  50  4.6   3.3  0.4 0.46 0.66 0.58 12.0
## 294         Isaac Okoro  67  9.6   3.1  1.9 0.93 0.36 1.28 32.4
## 295           KZ Okpala  37  2.5   1.8  0.5 0.27 0.30 0.41 12.1
## 296       Victor Oladipo  20 21.2   4.8  5.0 1.20 0.50 2.55 33.5
## 297       Victor Oladipo  20 21.2   4.8  5.0 1.20 0.50 2.55 33.5
## 298       Victor Oladipo  20 21.2   4.8  5.0 1.20 0.50 2.55 33.5
## 299         Kelly Olynyk  43 10.0   6.1  2.1 0.93 0.60 1.28 26.9
## 300         Kelly Olynyk  27 19.0   8.4  4.1 1.44 0.59 2.63 31.1
## 301        Royce O'Neale  71  7.0   6.8  2.5 0.80 0.45 1.17 31.6
## 302          Cedi Osman  59 10.4   3.4  2.9 0.90 0.15 1.36 25.6
## 303      Kelly Oubre Jr.  55 15.4   6.0  1.3 1.04 0.76 1.27 30.7
## 304        Eric Paschall  40  9.5   3.2  1.3 0.30 0.18 1.08 17.4
## 305           Chris Paul  70 16.4   4.4  8.9 1.43 0.26 2.23 31.4
## 306        Cameron Payne  60  8.4   2.4  3.6 0.60 0.27 1.00 18.0
## 307        Elfrid Payton  63 10.1   3.4  3.2 0.75 0.14 1.63 23.6
## 308        Mason Plumlee  56 10.4   9.3  3.6 0.77 0.89 1.88 26.8
## 309         Jakob Poeltl  69  8.6   7.9  1.9 0.68 1.78 1.22 26.7
## 310   Aleksej Pokusevski  45  8.2   4.7  2.2 0.44 0.93 2.20 24.2
## 311         Jordan Poole  51 12.0   1.8  1.9 0.51 0.18 1.00 19.4
## 312    Michael Porter Jr.  61 19.0   7.3  1.1 0.66 0.89 1.28 31.3
## 313         Bobby Portis  66 11.4   7.1  1.1 0.79 0.39 0.85 20.8
## 314        Dwight Powell  58  5.9   4.1  1.1 0.60 0.52 0.69 16.6
## 315        Norman Powell  42 19.6   3.0  1.8 1.12 0.19 1.83 30.4
## 316        Norman Powell  27 17.0   3.3  1.9 1.30 0.37 1.59 34.4
## 317        Taurean Prince  12  8.1   2.8  0.6 0.67 0.67 0.92 18.2
## 318        Taurean Prince  12  8.1   2.8  0.6 0.67 0.67 0.92 18.2
## 319        Taurean Prince  12  8.1   2.8  0.6 0.67 0.67 0.92 18.2
## 320        Taurean Prince  29 10.1   3.7  2.4 0.69 0.52 1.24 23.7
## 321        Taurean Prince  29 10.1   3.7  2.4 0.69 0.52 1.24 23.7
## 322        Taurean Prince  29 10.1   3.7  2.4 0.69 0.52 1.24 23.7
## 323      Payton Pritchard  66  7.7   2.4  1.8 0.56 0.14 0.80 19.2
## 324    Immanuel Quickley  64 11.4   2.1  2.0 0.47 0.19 0.91 19.4
## 325        Julius Randle  71 24.1  10.2  6.0 0.90 0.25 3.38 37.6
## 326         Cam Reddish  26 11.2   4.0  1.3 1.27 0.35 1.31 28.9
## 327            Naz Reid  70 11.2   4.6  1.0 0.49 1.07 0.99 19.2
## 328      Josh Richardson  59 12.1   3.3  2.6 1.03 0.41 1.34 30.3
## 329        Austin Rivers  21  7.3   2.2  2.0 0.57 0.00 1.05 21.1
## 330        Austin Rivers  15  8.7   2.3  2.6 1.20 0.13 0.93 26.9
```

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## 331          Duncan Robinson  72 13.1   3.5  1.8 0.60 0.28 1.13 31.4
## 332        Mitchell Robinson  31  8.3   8.1  0.5 1.13 1.45 0.84 27.5
## 333              Isaiah Roby  61  8.7   5.6  1.8 0.85 0.61 1.85 23.4
## 334              Rajon Rondo  27  3.9   2.0  3.5 0.70 0.07 1.44 14.9
## 335              Rajon Rondo  27  3.9   2.0  3.5 0.70 0.07 1.44 14.9
## 336              Rajon Rondo  18  7.6   3.1  5.8 0.94 0.11 2.22 20.4
## 337              Rajon Rondo  18  7.6   3.1  5.8 0.94 0.11 2.22 20.4
## 338             Derrick Rose  15 14.2   1.9  4.2 1.20 0.27 1.93 22.8
## 339             Derrick Rose  15 14.2   1.9  4.2 1.20 0.27 1.93 22.8
## 340             Derrick Rose  15 14.2   1.9  4.2 1.20 0.27 1.93 22.8
## 341             Derrick Rose  35 14.9   2.9  4.2 0.89 0.43 1.40 26.8
## 342             Derrick Rose  35 14.9   2.9  4.2 0.89 0.43 1.40 26.8
## 343             Derrick Rose  35 14.9   2.9  4.2 0.89 0.43 1.40 26.8
## 344            Terrence Ross  46 15.6   3.4  2.4 1.02 0.46 1.59 29.3
## 345             Terry Rozier  69 20.4   4.4  4.2 1.25 0.38 1.87 34.5
## 346              Ricky Rubio  68  8.6   3.3  6.4 1.46 0.06 1.63 26.1
## 347          D'Angelo Russell  42 19.0   2.6  5.8 1.07 0.43 2.67 28.5
## 348         Domantas Sabonis  62 20.3  12.0  6.7 1.23 0.53 3.44 36.0
## 349            Collin Sexton  60 24.3   3.1  4.4 1.05 0.17 2.78 35.3
## 350            Landry Shamet  61  9.3   1.8  1.6 0.52 0.16 0.79 23.0
## 351           Pascal Siakam  56 21.4   7.2  4.5 1.14 0.68 2.32 35.8
## 352             Ben Simmons  58 14.3   7.2  6.9 1.60 0.60 2.98 32.4
## 353          Anfernee Simons  64  7.8   2.2  1.4 0.28 0.13 0.67 17.3
## 354            Marcus Smart  48 13.1   3.5  5.7 1.50 0.50 2.00 32.9
## 355        Dennis Smith Jr.  20  7.3   2.7  3.7 1.00 0.70 1.25 19.6
## 356        Dennis Smith Jr.  20  7.3   2.7  3.7 1.00 0.70 1.25 19.6
## 357        Dennis Smith Jr.  20  7.3   2.7  3.7 1.00 0.70 1.25 19.6
## 358                Ish Smith  44  6.7   3.4  3.9 0.73 0.30 0.93 21.0
## 359               Tony Snell  47  5.3   2.4  1.3 0.28 0.23 0.45 21.1
## 360            Lamar Stevens  40  4.1   2.4  0.6 0.43 0.33 0.58 12.5
## 361           Isaiah Stewart  68  7.9   6.7  0.9 0.56 1.26 0.99 21.4
## 362                Max Strus  39  6.1   1.1  0.6 0.28 0.05 0.21 13.0
## 363           Jae'Sean Tate  70 11.3   5.3  2.5 1.21 0.51 1.41 29.2
## 364            Jayson Tatum  64 26.4   7.4  4.3 1.17 0.48 2.67 35.8
## 365           Garrett Temple  56  7.6   2.8  2.2 0.77 0.52 1.02 27.3
## 366             Daniel Theis  42  9.5   5.2  1.6 0.60 1.02 0.98 24.5
## 367             Daniel Theis  23 10.0   5.9  1.8 0.70 0.61 1.09 24.9
## 368         Tristan Thompson  54  7.6   8.1  1.2 0.44 0.61 1.15 23.8
## 369         Matisse Thybulle  65  3.9   1.9  1.0 1.62 1.09 0.49 20.0
## 370                Obi Toppin  62  4.1   2.2  0.5 0.27 0.24 0.37 11.0
## 371    Juan Toscano-Anderson  53  5.7   4.4  2.8 0.77 0.49 1.17 20.9
## 372        Karl-Anthony Towns  50 24.8  10.6  4.5 0.76 1.14 3.20 33.8
## 373            Gary Trent Jr.  41 15.0   2.2  1.4 0.90 0.15 0.76 30.8
## 374            Gary Trent Jr.  17 16.2   3.6  1.3 1.12 0.24 0.71 31.8
## 375              P.J. Tucker  32  4.4   4.6  1.4 0.88 0.56 1.03 30.0
## 376              P.J. Tucker  20  2.6   2.8  0.8 0.50 0.10 0.35 19.8
## 377             Myles Turner  47 12.6   6.5  1.0 0.85 3.38 1.43 31.0
## 378         Jarred Vanderbilt  64  5.4   5.8  1.2 1.00 0.73 0.83 17.8
## 379             Fred VanVleet  52 19.6   4.2  6.3 1.67 0.71 1.83 36.5
## 380             Devin Vassell  62  5.5   2.8  0.9 0.69 0.29 0.35 17.0
## 381              Gabe Vincent  50  4.8   1.1  1.3 0.42 0.04 0.68 13.1
## 382                Dean Wade  63  6.0   3.4  1.2 0.54 0.33 0.48 19.2
## 383            Moritz Wagner  25  7.1   2.9  1.3 0.88 0.32 0.84 15.0
## 384            Moritz Wagner  11 11.0   4.9  1.1 0.36 0.82 1.18 26.0
```

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## 385            Kemba Walker       43 19.3  4.0  4.9 1.12 0.28 2.05 31.8
## 386            Kemba Walker       43 19.3  4.0  4.9 1.12 0.28 2.05 31.8
## 387               John Wall       40 20.6  3.2  6.9 1.05 0.78 3.53 32.2
## 388           Brad Wanamaker      39  4.7  1.7  2.5 0.67 0.15 0.95 16.0
## 389           Brad Wanamaker      39  4.7  1.7  2.5 0.67 0.15 0.95 16.0
## 390           Brad Wanamaker      22  6.9  1.8  3.4 0.73 0.23 1.55 19.5
## 391           Brad Wanamaker      22  6.9  1.8  3.4 0.73 0.23 1.55 19.5
## 392          P.J. Washington      64 12.9  6.5  2.5 1.09 1.23 2.00 30.5
## 393           Yuta Watanabe      50  4.4  3.2  0.8 0.52 0.40 0.38 14.5
## 394        Russell Westbrook     65 22.2 11.5 11.7 1.35 0.35 4.80 36.4
## 395               Coby White      69 15.1  4.1  4.8 0.55 0.22 2.26 31.2
## 396            Derrick White      36 15.4  3.0  3.5 0.72 1.00 1.25 29.5
## 397          Hassan Whiteside     36  8.1  6.0  0.6 0.25 1.28 1.11 15.2
## 398           Andrew Wiggins      71 18.6  4.9  2.4 0.93 0.99 1.76 33.3
## 399            Grant Williams     63  4.7  2.8  1.0 0.51 0.37 0.89 18.1
## 400          Kenrich Williams     66  8.0  4.1  2.3 0.86 0.26 1.15 21.6
## 401              Lou Williams     42 12.1  2.1  3.4 0.93 0.10 1.57 21.9
## 402              Lou Williams     24 10.0  2.1  3.4 0.33 0.08 1.71 21.1
## 403          Zion Williamson     61 27.0  7.2  3.7 0.93 0.64 2.74 33.2
## 404          Patrick Williams     71  9.2  4.6  1.4 0.90 0.65 1.38 27.9
## 405             Dylan Windler    31  5.2  3.5  1.1 0.61 0.39 1.03 16.5
## 406            James Wiseman     39 11.5  5.8  0.7 0.28 0.92 1.54 21.4
## 407            Christian Wood     41 21.0  9.6  1.7 0.83 1.17 1.95 32.3
## 408             Delon Wright     36 10.4  4.6  5.0 1.58 0.53 1.33 29.2
## 409             Delon Wright     27 10.0  3.9  3.6 1.56 0.37 1.30 25.8
## 410           Thaddeus Young     68 12.1  6.2  4.3 1.09 0.59 2.00 24.3
## 411               Trae Young     63 25.3  3.9  9.4 0.84 0.17 4.14 33.7
## 412              Cody Zeller     48  9.4  6.8  1.8 0.56 0.35 1.06 20.9
## 413              Ivica Zubac     72  9.0  7.2  1.3 0.33 0.86 1.13 22.3
##    Usage_Rate Free throw% three-point % effective shooting % True shooting %
## 1       19.5       0.509         0.000                 0.544           0.550
## 2       11.7       0.444         0.000                 0.614           0.596
## 3       23.7       0.799         0.250                 0.571           0.626
## 4       22.7       0.838         0.360                 0.518           0.545
## 5       23.2       0.727         0.347                 0.502           0.522
## 6       16.8       0.868         0.391                 0.547           0.586
## 7       15.5       0.754         0.000                 0.677           0.730
## 8       15.5       0.754         0.000                 0.677           0.730
## 9       15.5       0.754         0.000                 0.677           0.730
## 10      16.8       0.690         0.316                 0.616           0.649
## 11      16.8       0.690         0.316                 0.616           0.649
## 12      16.8       0.690         0.316                 0.616           0.649
## 13      18.5       0.783         0.360                 0.540           0.578
## 14      32.5       0.685         0.303                 0.600           0.633
## 15      23.1       0.891         0.409                 0.506           0.548
## 16      24.3       0.832         0.337                 0.449           0.496
## 17      19.2       0.784         0.398                 0.581           0.606
## 18      13.1       0.650         0.373                 0.526           0.541
## 19      13.1       0.650         0.373                 0.526           0.541
## 20      13.1       0.650         0.373                 0.526           0.541
## 21      14.3       0.900         0.380                 0.497           0.542
## 22      21.0       0.907         0.386                 0.536           0.604
## 23      12.0       0.644         0.315                 0.502           0.515
## 24      18.2       0.769         0.200                 0.629           0.653
```

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## 25    23.5    0.575    0.343    0.542    0.554
## 26    26.1    0.758    0.352    0.504    0.539
## 27    20.5    0.781    0.378    0.537    0.551
## 28    21.9    0.682    0.322    0.535    0.556
## 29    16.1    0.816    0.432    0.586    0.600
## 30    17.2    0.830    0.391    0.575    0.626
## 31    23.4    0.746    0.401    0.500    0.535
## 32    19.0    0.785    0.381    0.507    0.538
## 33    11.8    0.828    0.406    0.597    0.617
## 34    11.8    0.828    0.406    0.597    0.617
## 35    16.3    0.692    0.408    0.545    0.564
## 36    22.0    0.702    0.290    0.456    0.491
## 37    34.1    0.889    0.349    0.532    0.593
## 38    24.0    0.850    0.399    0.547    0.570
## 39    14.6    0.682    0.264    0.544    0.570
## 40    14.6    0.682    0.264    0.544    0.570
## 41    14.6    0.800    0.397    0.550    0.580
## 42    18.7    0.844    0.380    0.530    0.566
## 43    12.2    0.741    0.190    0.459    0.517
## 44    15.8    0.636    0.290    0.582    0.596
## 45    18.0    0.738    0.253    0.479    0.523
## 46    11.5    0.448    0.000    0.587    0.574
## 47    11.5    0.448    0.000    0.587    0.574
## 48    19.3    0.762    0.293    0.517    0.555
## 49    15.9    0.556    0.370    0.543    0.550
## 50    18.5    0.687    0.341    0.503    0.532
## 51    10.2    0.625    0.277    0.451    0.461
## 52    32.7    0.867    0.340    0.533    0.587
## 53    20.6    0.788    0.383    0.595    0.634
## 54    16.9    0.778    0.421    0.591    0.607
## 55    13.8    0.833    0.270    0.395    0.409
## 56    12.8    0.636    0.000    0.680    0.683
## 57    18.0    0.705    0.000    0.656    0.676
## 58    17.3    0.867    0.400    0.596    0.625
## 59    14.9    0.840    0.425    0.644    0.668
## 60    25.9    0.864    0.388    0.527    0.561
## 61    26.1    0.815    0.344    0.481    0.515
## 62    16.1    0.667    0.304    0.449    0.471
## 63    11.5    0.833    0.333    0.600    0.616
## 64    15.9    0.735    0.288    0.576    0.604
## 65    29.7    0.764    0.398    0.558    0.586
## 66    17.0    0.619    0.000    0.543    0.570
## 67    13.5    0.806    0.423    0.585    0.598
## 68    20.2    0.795    0.405    0.588    0.618
## 69    17.2    0.667    0.429    0.698    0.704
## 70    14.4    0.909    0.410    0.587    0.606
## 71    19.9    0.895    0.354    0.510    0.544
## 72    21.4    0.856    0.415    0.522    0.564
## 73    26.6    0.863    0.245    0.514    0.607
## 74    14.2    0.866    0.410    0.552    0.590
## 75    13.1    0.879    0.352    0.502    0.558
## 76    19.9    0.573    0.000    0.595    0.602
## 77    19.2    0.739    0.364    0.528    0.578
## 78    19.5    0.721    0.241    0.510    0.549
```

```
## 79     15.0    0.571    0.371         0.547         0.548
## 80     20.2    0.613    0.246         0.417         0.449
## 81     14.8    0.645    0.401         0.526         0.547
## 82     17.3    0.690    0.260         0.537         0.560
## 83     10.3    0.800    0.287         0.424         0.439
## 84     29.8    0.896    0.347         0.522         0.549
## 85     22.2    0.833    0.399         0.610         0.645
## 86     23.1    0.852    0.412         0.552         0.589
## 87     11.6    0.775    0.371         0.565         0.578
## 88     23.1    0.746    0.336         0.469         0.511
## 89     23.1    0.746    0.336         0.469         0.511
## 90     23.1    0.746    0.336         0.469         0.511
## 91     23.1    0.746    0.336         0.469         0.511
## 92     27.8    0.682    0.421         0.579         0.597
## 93     27.8    0.682    0.421         0.579         0.597
## 94     27.8    0.682    0.421         0.579         0.597
## 95     27.8    0.682    0.421         0.579         0.597
## 96     11.5    0.806    0.379         0.533         0.553
## 97     10.8    0.500    0.364         0.478         0.480
## 98     15.5    0.800    0.369         0.588         0.603
## 99     15.7    0.760    0.389         0.555         0.574
## 100    18.2    0.604    0.245         0.449         0.476
## 101    17.1    0.896    0.450         0.582         0.607
## 102    34.8    0.916    0.421         0.605         0.655
## 103    29.2    0.738    0.260         0.512         0.556
## 104     7.9    0.833    0.000         0.432         0.487
## 105    21.6    0.889    0.361         0.519         0.537
## 106    22.0    0.784    0.372         0.549         0.570
## 107    26.1    0.880    0.257         0.505         0.591
## 108    22.5    0.629    0.293         0.502         0.536
## 109    21.6    0.662    0.390         0.514         0.549
## 110    16.9    0.884    0.479         0.625         0.682
## 111    18.1    0.833    0.318         0.591         0.648
## 112    16.7    0.718    0.379         0.528         0.542
## 113    21.7    0.744    0.343         0.475         0.513
## 114    17.2    0.636    0.315         0.484         0.503
## 115    31.3    0.597    0.000         0.474         0.500
## 116    22.5    0.605    0.000         0.531         0.554
## 117    31.2    0.882    0.450         0.608         0.666
## 118    27.0    0.776    0.329         0.488         0.523
## 119    16.7    0.800    0.422         0.612         0.625
## 120    35.3    0.859    0.377         0.545         0.636
## 121    17.1    0.726    1.000         0.571         0.618
## 122    13.0    0.738    0.000         0.638         0.663
## 123    12.3    0.756    0.394         0.600         0.609
## 124    19.0    0.804    0.321         0.452         0.483
## 125    26.2    0.797    0.388         0.560         0.604
## 126    18.0    0.714    0.463         0.576         0.584
## 127    31.0    0.719    0.322         0.523         0.565
## 128    14.4    0.659    0.000         0.690         0.700
## 129    18.9    0.672    0.000         0.681         0.696
## 130    21.2    0.925    0.406         0.542         0.613
## 131    24.9    0.848    0.395         0.517         0.547
## 132    23.6    0.804    0.381         0.505         0.532
```

```
## 133      30.0      0.868      0.411      0.557      0.598
## 134       9.7      0.727      0.200      0.636      0.661
## 135      27.8      0.808      0.418      0.571      0.623
## 136      17.0      0.623      0.000      0.675      0.683
## 137      23.9      0.629      0.375      0.509      0.537
## 138      17.1      0.705      0.266      0.541      0.564
## 139      25.2      0.825      0.329      0.527      0.577
## 140      21.4      0.842      0.375      0.510      0.552
## 141      28.5      0.845      0.350      0.491      0.556
## 142      14.0      0.775      0.405      0.572      0.581
## 143      13.1      0.795      0.270      0.492      0.530
## 144      17.6      0.807      0.399      0.568      0.590
## 145      12.1      0.667      0.318      0.599      0.624
## 146      15.6      0.776      0.412      0.590      0.624
## 147      11.9      0.565      0.160      0.473      0.490
## 148      19.6      0.710      0.315      0.453      0.491
## 149      19.6      0.710      0.315      0.453      0.491
## 150      18.9      0.782      0.383      0.574      0.610
## 151      18.9      0.782      0.383      0.574      0.610
## 152      18.1      0.770      0.328      0.513      0.549
## 153      18.1      0.857      0.409      0.569      0.585
## 154      21.5      0.657      0.319      0.482      0.511
## 155      23.4      0.816      0.391      0.560      0.589
## 156      28.4      0.856      0.366      0.551      0.619
## 157      28.4      0.856      0.366      0.551      0.619
## 158      28.4      0.856      0.366      0.551      0.619
## 159       6.2      0.000      0.455      0.577      0.540
## 160      12.6      0.805      0.247      0.480      0.526
## 161      21.7      0.707      0.000      0.622      0.650
## 162      13.7      0.733      0.320      0.519      0.544
## 163      20.2      0.875      0.364      0.429      0.485
## 164      16.2      0.778      0.475      0.654      0.663
## 165      23.9      0.892      0.394      0.556      0.597
## 166      19.7      0.686      0.333      0.593      0.620
## 167      19.7      0.686      0.333      0.593      0.620
## 168      13.5      0.775      0.326      0.532      0.568
## 169      16.2      0.775      0.429      0.636      0.675
## 170      19.0      0.824      0.278      0.403      0.422
## 171      23.9      0.843      0.415      0.537      0.584
## 172      23.5      0.803      0.360      0.516      0.543
## 173      20.7      0.846      0.391      0.548      0.567
## 174      16.5      0.840      0.386      0.600      0.630
## 175      16.5      0.840      0.386      0.600      0.630
## 176      15.2      0.760      0.391      0.500      0.545
## 177      15.2      0.760      0.391      0.500      0.545
## 178      10.3      0.761      0.321      0.471      0.496
## 179      19.5      0.819      0.368      0.467      0.503
## 180      22.2      0.787      0.392      0.570      0.592
## 181      14.0      0.788      0.382      0.551      0.571
## 182      17.5      0.794      0.182      0.638      0.669
## 183      14.1      0.750      0.298      0.425      0.436
## 184      14.2      0.938      0.310      0.432      0.500
## 185      21.6      0.818      0.368      0.528      0.538
## 186      21.7      0.775      0.282      0.497      0.537
```

```
## 187    18.3    0.576    0.250    0.596    0.610
## 188    17.2    0.781    0.363    0.528    0.541
## 189    20.2    0.859    0.326    0.546    0.603
## 190    20.1    0.811    0.339    0.563    0.585
## 191    11.2    0.658    0.330    0.504    0.519
## 192    16.6    0.844    0.451    0.652    0.672
## 193    28.0    0.878    0.381    0.531    0.584
## 194    30.3    0.922    0.402    0.576    0.614
## 195    21.4    0.813    0.407    0.561    0.598
## 196    26.5    0.729    0.300    0.472    0.515
## 197    20.0    0.817    0.433    0.554    0.576
## 198    31.9    0.698    0.365    0.577    0.603
## 199    17.0    0.847    0.349    0.541    0.563
## 200    16.2    0.586    0.250    0.514    0.526
## 201    18.0    0.596    0.267    0.478    0.498
## 202    19.2    0.740    0.331    0.522    0.557
## 203    13.4    0.800    0.328    0.479    0.519
## 204    13.4    0.800    0.328    0.479    0.519
## 205    13.4    0.800    0.328    0.479    0.519
## 206    13.4    0.800    0.328    0.479    0.519
## 207    13.4    0.800    0.328    0.479    0.519
## 208    12.3    0.648    0.316    0.554    0.576
## 209    12.7    0.714    0.250    0.664    0.691
## 210    16.6    0.911    0.321    0.485    0.511
## 211    13.2    0.500    0.000    0.760    0.733
## 212    13.2    0.500    0.000    0.760    0.733
## 213    14.3    0.766    0.330    0.506    0.534
## 214    14.3    0.766    0.330    0.506    0.534
## 215    19.8    0.878    0.368    0.545    0.588
## 216    19.8    0.878    0.368    0.545    0.588
## 217    19.0    0.617    0.365    0.531    0.547
## 218    17.1    0.839    0.446    0.597    0.608
## 219    10.6    0.919    0.410    0.580    0.606
## 220    12.4    0.833    0.375    0.576    0.608
## 221    20.5    0.732    0.375    0.520    0.544
## 222    13.7    0.500    0.250    0.534    0.534
## 223    13.7    0.500    0.250    0.534    0.534
## 224    13.7    0.500    0.250    0.534    0.534
## 225    20.3    0.691    0.361    0.533    0.546
## 226    18.4    0.947    0.406    0.529    0.587
## 227    31.1    0.849    0.419    0.596    0.634
## 228    15.1    0.703    0.295    0.557    0.577
## 229    12.8    0.909    0.397    0.608    0.636
## 230    17.0    0.685    0.348    0.490    0.536
## 231    16.7    0.636    0.263    0.629    0.643
## 232    16.7    0.636    0.263    0.629    0.643
## 233    16.7    0.636    0.263    0.629    0.643
## 234    28.6    0.885    0.398    0.568    0.622
## 235    31.5    0.765    0.349    0.490    0.516
## 236    27.9    0.822    0.318    0.493    0.535
## 237    18.3    0.843    0.333    0.445    0.477
## 238    31.4    0.927    0.391    0.554    0.623
## 239    13.8    0.800    0.350    0.551    0.589
## 240     9.4    0.646    0.235    0.558    0.575
```

```
## 241    16.9    0.845    0.338        0.577        0.611
## 242    17.1    0.723    0.278        0.640        0.663
## 243    21.9    0.824    0.365        0.522        0.556
## 244    21.4    0.875    0.396        0.546        0.593
## 245    12.9    0.652    0.350        0.556        0.574
## 246    15.1    0.830    0.418        0.563        0.603
## 247    20.2    0.826    0.402        0.595        0.620
## 248    16.8    0.707    0.349        0.462        0.508
## 249    15.7    0.714    0.365        0.564        0.590
## 250    16.7    0.641    0.248        0.436        0.465
## 251    12.5    0.581    0.276        0.484        0.500
## 252    11.5    0.884    0.384        0.570        0.635
## 253    11.4    0.854    0.335        0.484        0.517
## 254    23.0    0.871    0.301        0.498        0.531
## 255    27.1    0.812    0.402        0.554        0.577
## 256    15.3    0.688    0.313        0.574        0.583
## 257    17.0    0.703    0.333        0.530        0.554
## 258    12.0    0.600    0.364        0.545        0.552
## 259    20.0    0.816    0.388        0.616        0.635
## 260    24.6    0.655    0.250        0.533        0.554
## 261    21.7    0.667    0.000        0.478        0.498
## 262    18.2    0.750    0.458        0.607        0.619
## 263    13.7    0.767    0.359        0.481        0.502
## 264    21.1    0.719    0.331        0.480        0.500
## 265    19.5    0.762    0.368        0.539        0.559
## 266    19.5    0.804    0.412        0.548        0.568
## 267    20.0    0.721    0.351        0.545        0.571
## 268    25.0    0.898    0.414        0.546        0.588
## 269    18.6    0.724    0.343        0.537        0.565
## 270    18.4    0.910    0.374        0.543        0.569
## 271    25.0    0.830    0.350        0.503        0.549
## 272    33.5    0.845    0.386        0.520        0.569
## 273    23.8    0.819    0.401        0.540        0.569
## 274    17.2    0.857    0.314        0.500        0.523
## 275    27.2    0.728    0.303        0.487        0.537
## 276    16.5    0.720    0.311        0.491        0.509
## 277    16.5    0.795    0.381        0.547        0.574
## 278    23.4    0.791    0.317        0.485        0.509
## 279    24.7    0.869    0.408        0.559        0.592
## 280    20.0    0.917    0.370        0.573        0.599
## 281    19.0    0.757    0.419        0.569        0.605
## 282    13.9    0.612    0.360        0.546        0.557
## 283    13.7    0.786    0.370        0.551        0.573
## 284    15.9    0.882    0.390        0.539        0.575
## 285    17.4    0.957    0.425        0.590        0.602
## 286     9.2    0.714    0.000        0.612        0.636
## 287    21.4    0.818    0.333        0.499        0.528
## 288    20.9    0.933    0.381        0.578        0.596
## 289    16.5    0.691    0.270        0.528        0.559
## 290    11.6    0.750    0.367        0.534        0.553
## 291    14.5    0.750    0.348        0.492        0.511
## 292    12.1    0.769    0.269        0.459        0.524
## 293    14.7    0.632    0.000        0.644        0.655
## 294    14.3    0.726    0.290        0.476        0.514
```

```
## 295      11.9      0.533      0.240              0.438              0.448
## 296      29.8      0.783      0.320              0.471              0.508
## 297      29.8      0.783      0.320              0.471              0.508
## 298      29.8      0.783      0.320              0.471              0.508
## 299      17.5      0.775      0.318              0.533              0.549
## 300      22.9      0.844      0.392              0.621              0.674
## 301       9.6      0.848      0.385              0.580              0.599
## 302      20.4      0.800      0.306              0.458              0.488
## 303      22.1      0.695      0.316              0.501              0.529
## 304      23.5      0.713      0.333              0.527              0.561
## 305      22.6      0.934      0.395              0.557              0.599
## 306      19.8      0.893      0.440              0.576              0.602
## 307      23.2      0.682      0.286              0.455              0.478
## 308      16.3      0.669      0.000              0.616              0.639
## 309      13.4      0.508      0.000              0.616              0.612
## 310      20.5      0.738      0.280              0.412              0.430
## 311      25.0      0.882      0.351              0.535              0.581
## 312      21.8      0.791      0.445              0.646              0.663
## 313      21.0      0.740      0.471              0.584              0.597
## 314      13.2      0.782      0.238              0.631              0.688
## 315      24.2      0.865      0.439              0.602              0.645
## 316      20.5      0.880      0.361              0.518              0.576
## 317      19.4      0.889      0.351              0.493              0.565
## 318      19.4      0.889      0.351              0.493              0.565
## 319      19.4      0.889      0.351              0.493              0.565
## 320      19.7      0.837      0.415              0.496              0.532
## 321      19.7      0.837      0.415              0.496              0.532
## 322      19.7      0.837      0.415              0.496              0.532
## 323      16.7      0.889      0.411              0.562              0.582
## 324      25.6      0.891      0.389              0.497              0.557
## 325      29.3      0.811      0.411              0.516              0.567
## 326      19.3      0.817      0.262              0.428              0.488
## 327      22.5      0.693      0.351              0.576              0.599
## 328      18.4      0.917      0.330              0.498              0.537
## 329      16.5      0.714      0.364              0.533              0.545
## 330      14.2      0.706      0.375              0.541              0.558
## 331      16.6      0.827      0.408              0.614              0.628
## 332      11.8      0.491      0.000              0.653              0.642
## 333      17.7      0.744      0.294              0.520              0.555
## 334      16.2      0.500      0.378              0.477              0.478
## 335      16.2      0.500      0.378              0.477              0.478
## 336      18.3      1.000      0.432              0.576              0.609
## 337      18.3      1.000      0.432              0.576              0.609
## 338      30.1      0.840      0.333              0.465              0.517
## 339      30.1      0.840      0.333              0.465              0.517
## 340      30.1      0.840      0.333              0.465              0.517
## 341      24.3      0.883      0.411              0.530              0.565
## 342      24.3      0.883      0.411              0.530              0.565
## 343      24.3      0.883      0.411              0.530              0.565
## 344      24.1      0.870      0.337              0.485              0.530
## 345      24.4      0.817      0.389              0.548              0.576
## 346      16.0      0.867      0.308              0.454              0.516
## 347      29.1      0.765      0.387              0.523              0.555
## 348      24.1      0.732      0.321              0.564              0.601
```

```
## 349     29.7      0.815      0.371              0.519          0.573
## 350     16.7      0.846      0.387              0.549          0.578
## 351     26.4      0.827      0.297              0.493          0.547
## 352     20.2      0.613      0.300              0.560          0.584
## 353     18.3      0.807      0.427              0.569          0.589
## 354     18.4      0.790      0.330              0.489          0.539
## 355     18.8      0.700      0.345              0.485          0.504
## 356     18.8      0.700      0.345              0.485          0.504
## 357     18.8      0.700      0.345              0.485          0.504
## 358     15.8      0.576      0.367              0.465          0.473
## 359      8.6      1.000      0.569              0.696          0.708
## 360     15.9      0.725      0.160              0.471          0.521
## 361     15.5      0.696      0.333              0.578          0.597
## 362     18.3      0.667      0.338              0.588          0.597
## 363     16.4      0.694      0.308              0.553          0.575
## 364     30.8      0.868      0.386              0.530          0.576
## 365     13.0      0.800      0.335              0.503          0.525
## 366     15.0      0.687      0.347              0.609          0.625
## 367     16.8      0.651      0.281              0.567          0.584
## 368     14.8      0.592      0.000              0.518          0.540
## 369      9.4      0.444      0.301              0.508          0.508
## 370     15.9      0.731      0.306              0.560          0.574
## 371     11.0      0.710      0.402              0.667          0.676
## 372     29.1      0.859      0.387              0.555          0.612
## 373     20.1      0.773      0.397              0.530          0.550
## 374     22.9      0.806      0.355              0.479          0.501
## 375      7.7      0.783      0.314              0.469          0.500
## 376      5.8      0.600      0.394              0.533          0.539
## 377     16.4      0.782      0.335              0.557          0.599
## 378     12.3      0.559      0.200              0.608          0.612
## 379     23.9      0.885      0.366              0.489          0.534
## 380     14.3      0.843      0.347              0.492          0.524
## 381     19.1      0.870      0.309              0.476          0.498
## 382     12.9      0.769      0.366              0.556          0.573
## 383     18.3      0.788      0.310              0.561          0.614
## 384     18.2      0.879      0.372              0.495          0.563
## 385     26.1      0.899      0.360              0.514          0.559
## 386     26.1      0.899      0.360              0.514          0.559
## 387     31.7      0.749      0.317              0.458          0.503
## 388     16.0      0.893      0.213              0.390          0.468
## 389     16.0      0.893      0.213              0.390          0.468
## 390     18.1      0.889      0.125              0.440          0.518
## 391     18.1      0.889      0.125              0.440          0.518
## 392     19.4      0.745      0.386              0.521          0.549
## 393     12.7      0.828      0.400              0.539          0.565
## 394     30.3      0.656      0.315              0.474          0.509
## 395     22.5      0.901      0.359              0.506          0.540
## 396     22.4      0.851      0.346              0.503          0.550
## 397     23.5      0.519      0.000              0.563          0.566
## 398     23.3      0.714      0.380              0.543          0.568
## 399     12.3      0.588      0.372              0.534          0.546
## 400     15.3      0.571      0.444              0.596          0.599
## 401     26.5      0.866      0.378              0.473          0.529
## 402     24.3      0.870      0.444              0.442          0.496
```

```
## 403      29.8        0.698        0.294                 0.616            0.649
## 404      14.9        0.728        0.391                 0.534            0.562
## 405      14.9        0.778        0.333                 0.534            0.563
## 406      23.8        0.628        0.316                 0.535            0.552
## 407      25.9        0.631        0.374                 0.574            0.591
## 408      15.8        0.789        0.348                 0.517            0.562
## 409      17.1        0.833        0.398                 0.536            0.563
## 410      22.3        0.628        0.267                 0.567            0.577
## 411      33.0        0.886        0.343                 0.499            0.589
## 412      18.3        0.714        0.143                 0.565            0.599
## 413      15.2        0.789        0.250                 0.654            0.693
##      Versatility_Index Offensive Rating Defensive rating
## 1                 6.7            106.8             99.7
## 2                 7.3            119.7            107.8
## 3                11.6            121.7            105.0
## 4                 7.3            107.3            110.0
## 5                 7.7            100.5            106.5
## 6                 6.7            115.3            109.9
## 7                 8.8            134.4            106.6
## 8                 8.8            134.4            106.6
## 9                 8.8            134.4            106.6
## 10                8.0            124.4            111.2
## 11                8.0            124.4            111.2
## 12                8.0            124.4            111.2
## 13                9.3            117.2            106.7
## 14               14.8            121.1            102.2
## 15                6.5            111.4            111.1
## 16                9.3             98.4            109.4
## 17                6.9            113.2            108.2
## 18                7.1            117.6            105.3
## 19                7.1            117.6            105.3
## 20                7.1            117.6            105.3
## 21                6.1            114.8            112.5
## 22                8.6            118.2            115.2
## 23                5.7            102.6            103.8
## 24                7.8            127.1            102.8
## 25                7.3            108.9            110.5
## 26               11.5            107.3            104.2
## 27                9.3            109.8            109.5
## 28                8.4            110.3            101.7
## 29                6.5            114.7            107.5
## 30                7.9            122.3            117.4
## 31                7.7            106.2            104.7
## 32                7.0            106.8            111.4
## 33                6.4            124.1            107.9
## 34                6.4            124.1            107.9
## 35                6.8            101.3            100.5
## 36                7.2             92.4            112.9
## 37                9.7            113.3            110.5
## 38                7.2            108.8            115.0
## 39                6.8            104.1            106.8
## 40                6.8            104.1            106.8
## 41                6.6            117.2            100.7
## 42                6.3            111.5            110.0
```

```
## 43               6.3           119.5           109.8
## 44               7.3           122.4           108.5
## 45               7.6           115.3            99.4
## 46               6.2           111.5           105.6
## 47               6.2           111.5           105.6
## 48               8.8           109.8           109.0
## 49               8.0           116.0            99.2
## 50               7.3           107.8           112.2
## 51               4.7            89.4           102.2
## 52               9.1           110.1           107.6
## 53               7.7           127.2           103.3
## 54               5.3           110.3           102.4
## 55               4.9            83.7           112.1
## 56               8.2           143.8            99.8
## 57               8.1           122.2           106.7
## 58               7.5           115.5           108.2
## 59               6.1           131.0           110.7
## 60              10.1           113.0           112.1
## 61               6.5           101.2           104.0
## 62               6.5            92.5           106.1
## 63               5.4           122.1           106.6
## 64               7.6           123.9           105.0
## 65               9.2           111.6           107.3
## 66               4.6           116.6           103.5
## 67               6.1           114.1           110.1
## 68               8.5           123.0           110.7
## 69               7.5           131.1           104.9
## 70               5.1           118.4           105.2
## 71               5.4           110.0           110.7
## 72               7.9           113.5           102.9
## 73              12.1           127.0           107.8
## 74               5.2           113.9           105.5
## 75               6.5           116.1           105.9
## 76               7.4           124.3           103.3
## 77               9.3           114.8           100.9
## 78               8.3           111.8           106.0
## 79               6.5           115.1           106.7
## 80               8.5            92.3           106.7
## 81               7.1           105.9           100.3
## 82               7.5           118.6           107.7
## 83               4.7            96.9           112.9
## 84               8.5           108.9           105.2
## 85               7.4           124.3           104.1
## 86               9.5           122.3           104.6
## 87               6.0           120.2           107.6
## 88              11.1           101.7            97.7
## 89              11.1           101.7            97.7
## 90              11.1           101.7            97.7
## 91              11.1           101.7            97.7
## 92              10.2           106.1            92.0
## 93              10.2           106.1            92.0
## 94              10.2           106.1            92.0
## 95              10.2           106.1            92.0
## 96               5.7           112.2           107.8
```

```
## 97       6.3    112.3    101.2
## 98       6.9    121.2    102.9
## 99       6.7    112.9    106.4
## 100      6.1     95.3    106.6
## 101      6.0    117.7    107.7
## 102     11.8    118.8    108.6
## 103     10.0    110.0    103.1
## 104      6.5    127.7     95.9
## 105      6.7    100.6    107.2
## 106      7.4    106.5    111.0
## 107     10.2    121.6    110.7
## 108      8.9    105.8    104.3
## 109      7.2    104.5    103.6
## 110      8.5    126.8    102.2
## 111      9.0    125.2    103.7
## 112      8.3    111.1    107.3
## 113      5.9     99.9    109.3
## 114      6.8    103.5    107.8
## 115     11.8     96.9    100.8
## 116      8.9    106.1     89.5
## 117     12.4    121.4    109.3
## 118      8.0    101.4    113.6
## 119      5.4    117.8    112.5
## 120     12.1    120.8    100.1
## 121      7.9    118.2    101.7
## 122      6.8    136.6     94.2
## 123      5.6    123.5    109.4
## 124      7.7    102.9    109.5
## 125      7.9    114.0    111.0
## 126      6.9    116.1    107.5
## 127      9.8    112.3    112.8
## 128      6.4    127.2     99.9
## 129      6.8    132.5    103.3
## 130      7.3    122.5    106.6
## 131      7.7    104.5    113.1
## 132      7.9    103.0    105.5
## 133     11.0    112.7    105.6
## 134      5.6    137.9     99.5
## 135     10.3    117.7    111.9
## 136      8.2    129.9     99.1
## 137     10.1    102.8    109.9
## 138      7.3    114.6    110.3
## 139      6.3    108.4    115.8
## 140      7.9    115.3    113.6
## 141      7.8    108.8    110.0
## 142      5.6    113.3    105.0
## 143      9.7    109.8    101.2
## 144      6.8    115.2    101.5
## 145      4.4    119.4    106.5
## 146      6.1    121.8    111.0
## 147      5.4    105.4    108.2
## 148      8.0    100.9    109.0
## 149      8.0    100.9    109.0
## 150      9.0    120.6    102.8
```

```
## 151            9.0          120.6          102.8
## 152            6.0          106.8          109.6
## 153            7.9          117.8          116.9
## 154            8.6          100.4          110.7
## 155            6.5          116.0          112.4
## 156           14.4          122.4          107.8
## 157           14.4          122.4          107.8
## 158           14.4          122.4          107.8
## 159            3.6          105.0          104.3
## 160            4.9          105.6          109.3
## 161            7.9          126.4          101.2
## 162            4.5          112.0          111.6
## 163            5.4           99.4          113.0
## 164            5.9          125.3          111.7
## 165            9.5          118.0          104.9
## 166           11.2          116.8           97.8
## 167           11.2          116.8           97.8
## 168            7.7          115.2          105.7
## 169            6.7          130.6          105.0
## 170            7.1           81.5          107.5
## 171            9.2          113.9          110.7
## 172            8.3          103.6          110.3
## 173            7.6          108.5          113.9
## 174            6.5          126.6          116.0
## 175            6.5          126.6          116.0
## 176            6.0          104.4          106.6
## 177            6.0          104.4          106.6
## 178            4.6          103.5          108.3
## 179            5.9           98.6          110.7
## 180            9.7          119.9          109.2
## 181            5.3          111.3          111.7
## 182            8.0          129.5          106.7
## 183            4.6           91.1          112.5
## 184            4.4          102.8          111.5
## 185            9.8          111.2          109.0
## 186            8.0          102.6           99.7
## 187            8.7          112.3           89.3
## 188            6.7          112.1          108.5
## 189            7.0          118.4          106.8
## 190            8.8          118.4          105.3
## 191            6.2          102.6          106.4
## 192            8.4          128.2          105.6
## 193            9.7          114.9          111.3
## 194           10.5          121.0          109.3
## 195            5.8          111.5          110.2
## 196            8.0           96.5          103.8
## 197            8.0          116.1          106.6
## 198           13.7          113.8          103.8
## 199            5.9          111.9          109.6
## 200            7.1          104.1          102.1
## 201            7.1          100.9          104.4
## 202            7.3          110.5          108.5
## 203            6.2          101.5          103.8
## 204            6.2          101.5          103.8
```

```
## 205         6.2          101.5          103.8
## 206         6.2          101.5          103.8
## 207         6.2          101.5          103.8
## 208         4.7          120.1          110.1
## 209         7.0          130.0          109.0
## 210         8.2          114.7          112.8
## 211         8.2          126.5          104.9
## 212         8.2          126.5          104.9
## 213         6.3          108.3          110.9
## 214         6.3          108.3          110.9
## 215         9.0          117.5          107.4
## 216         9.0          117.5          107.4
## 217         9.4          116.6          102.9
## 218         6.8          117.2          107.9
## 219         5.6          122.8          108.1
## 220         7.2          124.5          106.1
## 221         6.3          107.7          106.0
## 222         6.8          116.0          109.5
## 223         6.8          116.0          109.5
## 224         6.8          116.0          109.5
## 225         7.4          104.8          104.3
## 226         7.1          118.8          106.5
## 227        10.0          114.7          109.5
## 228         4.8          107.0          112.2
## 229         6.4          121.1          105.6
## 230         8.4          111.5          106.0
## 231         7.4          121.2          102.1
## 232         7.4          121.2          102.1
## 233         7.4          121.2          102.1
## 234        11.1          125.4          108.1
## 235        11.2          107.6          110.5
## 236         9.4          106.4          109.2
## 237         6.4          105.1          107.3
## 238        10.8          124.8          116.1
## 239         5.5          120.1          111.9
## 240         7.3          129.7          101.9
## 241         5.2          120.2          107.6
## 242         6.3          123.7          110.2
## 243         9.8          107.4          110.2
## 244        10.0          116.9          108.0
## 245         5.7          115.5          111.2
## 246         7.3          124.6          103.8
## 247         6.2          115.3          109.7
## 248         8.5          105.2          106.2
## 249         6.4          116.7          109.6
## 250         6.7           98.6          107.6
## 251         6.8          106.0          109.4
## 252         3.6          129.4          107.7
## 253         3.9          105.9          104.7
## 254         7.9          109.6          104.3
## 255         8.8          120.0          114.9
## 256         9.1          116.9          109.2
## 257         6.4          106.5          105.0
## 258         5.0          107.7          108.0
```

```
## 259           6.3          120.8          111.9
## 260           9.1          102.8           97.8
## 261           7.2           97.3           87.2
## 262           6.6          120.1          110.6
## 263           7.4          110.0          114.1
## 264           5.7           94.8          109.3
## 265           4.2          104.0          102.7
## 266           8.2          109.2          105.5
## 267           7.4          108.6          107.2
## 268          10.4          115.5          107.1
## 269           8.2          116.0          104.2
## 270           5.7          110.7          113.7
## 271           7.8          108.4          104.4
## 272          10.1          114.8          105.4
## 273           7.4          107.6          112.5
## 274           6.4          102.9          107.0
## 275          10.1          107.6          112.5
## 276           6.7          100.8          101.0
## 277           6.3          120.9          114.1
## 278          10.6          105.5          107.0
## 279           8.4          116.2          111.1
## 280           6.7          115.6          108.6
## 281           6.5          110.4          104.1
## 282           7.4          108.8          108.5
## 283           5.2          112.3          102.6
## 284           6.6          114.7          108.2
## 285           5.9          113.7          101.5
## 286           4.7          120.3           97.3
## 287           6.9          106.8          110.3
## 288           6.7          110.6          108.5
## 289           5.8          115.1          109.2
## 290           4.8          113.9          111.8
## 291           6.5          106.5          112.6
## 292           4.9          108.4          109.0
## 293           6.1          123.6           96.7
## 294           4.7          102.5          110.9
## 295           4.3           94.0          101.3
## 296           9.5          100.3          111.6
## 297           9.5          100.3          111.6
## 298           9.5          100.3          111.6
## 299           7.5          105.6          101.0
## 300          11.2          123.1          105.0
## 301           6.2          120.0          102.1
## 302           7.3          100.2          110.0
## 303           6.4          103.3          106.8
## 304           7.8          105.6          105.1
## 305          11.0          123.7          106.0
## 306           9.3          121.3          105.5
## 307           8.1           98.9          104.6
## 308          10.5          122.2           99.7
## 309           7.6          123.1          105.3
## 310           7.3           81.0          111.7
## 311           7.1          111.2          107.7
## 312           6.8          124.6          108.5
```

```
## 313        8.6    120.0    103.0
## 314        7.2    135.6     99.8
## 315        6.2    117.1    110.5
## 316        5.5    113.4    113.6
## 317        5.2    105.0    106.0
## 318        5.2    105.0    106.0
## 319        5.2    105.0    106.0
## 320        7.6    105.6    109.7
## 321        7.6    105.6    109.7
## 322        7.6    105.6    109.7
## 323        6.7    116.3    109.1
## 324        7.5    113.4    103.9
## 325       12.1    110.9    100.3
## 326        5.4     99.1    106.2
## 327        7.8    114.3    104.2
## 328        6.2    108.6    109.9
## 329        6.0    105.2    105.8
## 330        5.6    112.7    108.2
## 331        5.5    112.8    107.4
## 332        4.7    130.5     99.5
## 333        7.6    101.4    103.8
## 334        8.1     97.5    108.6
## 335        8.1     97.5    108.6
## 336       10.1    118.0    105.9
## 337       10.1    118.0    105.9
## 338        8.5    103.8    111.4
## 339        8.5    103.8    111.4
## 340        8.5    103.8    111.4
## 341        8.5    115.1    109.0
## 342        8.5    115.1    109.0
## 343        8.5    115.1    109.0
## 344        6.9    103.0    111.0
## 345        8.4    113.3    111.8
## 346        8.7    113.1    110.1
## 347        9.3    108.0    114.4
## 348       13.1    115.1    103.7
## 349        7.8    110.7    112.1
## 350        5.2    112.5    112.3
## 351        9.9    110.6    107.4
## 352       11.0    114.0    100.2
## 353        6.7    116.5    111.5
## 354        7.8    113.2    108.7
## 355        8.5    106.0    106.6
## 356        8.5    106.0    106.6
## 357        8.5    106.0    106.6
## 358        8.5    105.1    109.1
## 359        4.8    134.7    110.2
## 360        5.8    103.0    106.0
## 361        6.8    117.0    100.8
## 362        4.9    115.4    107.7
## 363        7.3    113.9    107.1
## 364       10.5    113.4    109.7
## 365        5.3    105.0    108.4
## 366        7.0    122.0    103.6
```

```
## 367                7.6             115.7             106.4
## 368                7.1             114.5             105.4
## 369                3.9             103.6             100.2
## 370                6.0             111.9             102.9
## 371                7.9             120.7             102.4
## 372               12.5             116.4             105.4
## 373                4.7             112.0             116.4
## 374                5.3             100.3             112.7
## 375                4.1              99.0             109.3
## 376                3.6             119.1             107.4
## 377                5.6             111.4             104.4
## 378                7.5             120.6             104.0
## 379                8.8             112.4             111.0
## 380                5.7             107.5             106.6
## 381                5.8              97.8             103.0
## 382                6.0             115.5             111.0
## 383                8.0             116.4              97.0
## 384                6.0             109.2             104.4
## 385                9.1             113.5             112.6
## 386                9.1             113.5             112.6
## 387                9.6              99.3             116.4
## 388                6.8              99.5             106.2
## 389                6.8              99.5             106.2
## 390                7.1             104.6             108.3
## 391                7.1             104.6             108.3
## 392                7.8             104.3             105.8
## 393                6.2             116.4             107.6
## 394               15.8             104.1             104.3
## 395                8.6             105.5             108.3
## 396                7.4             110.6             108.7
## 397                8.1             106.8             103.2
## 398                7.2             107.4             108.7
## 399                5.2             104.0             101.9
## 400                7.8             115.4             106.2
## 401                8.1             107.9             110.5
## 402                7.9             100.7             114.2
## 403               10.8             123.4             109.8
## 404                5.6             104.6             109.1
## 405                6.6             102.0             108.9
## 406                6.7              99.5              98.3
## 407                8.7             110.5             109.4
## 408                8.5             119.1             110.5
## 409                8.1             114.9             115.4
## 410               11.3             115.3             104.5
## 411               11.6             116.9             111.9
## 412                9.3             121.8             101.5
## 413                7.9             134.5             101.0
##     Player.Efficiency.Rating win.shares Box.Plus.Minus Value.Over.Replacement
## 1                       15.1        0.9           -3.0                   -0.1
## 2                       15.9        1.7           -1.1                    0.2
## 3                       22.7        3.6            4.9                    1.5
## 4                       15.2        0.7           -0.7                    0.2
## 5                       12.0        0.2           -2.5                   -0.1
## 6                       14.0        1.1            0.5                    0.3
```

```
## 7                      22.5         3.1          2.7              0.9
## 8                      21.3         1.4          1.9              0.3
## 9                      23.5         1.7          3.4              0.6
## 10                     22.5         3.1          2.7              0.9
## 11                     21.3         1.4          1.9              0.3
## 12                     23.5         1.7          3.4              0.6
## 13                     17.8         1.9          2.9              0.8
## 14                     28.3         4.3          7.2              2.1
## 15                     13.8         0.7         -3.1             -0.2
## 16                     10.3         0.0         -4.1             -0.4
## 17                     14.7         1.5          1.1              0.5
## 18                     11.2         0.3         -1.6              0.0
## 19                     11.2         0.3         -1.6              0.0
## 20                     11.2         0.3         -1.6              0.0
## 21                     10.8         0.8         -2.2              0.0
## 22                     10.8         0.8         -2.2              0.0
## 23                      8.9         0.5         -3.5             -0.2
## 24                     17.7         2.7         -0.8              0.2
## 25                     13.9         0.3         -4.6             -0.4
## 26                     18.2         1.8          2.8              0.9
## 27                     14.2         1.2         -0.2              0.4
## 28                     23.4         0.4          2.3              0.1
## 29                     12.6         0.8         -1.5              0.1
## 30                     15.7         2.0          0.1              0.5
## 31                     13.1         1.2         -2.2              0.0
## 32                     11.6         0.9         -2.2              0.0
## 33                     14.8         2.7          2.0              0.8
## 34                     14.8         2.7          2.0              0.8
## 35                     14.7         1.2          1.5              0.4
## 36                      9.6        -0.1         -4.0             -0.4
## 37                     24.8         2.5          4.9              1.5
## 38                     16.7         1.6          0.5              0.6
## 39                     13.2         0.7          0.2              0.1
## 40                     13.2         0.7          0.2              0.1
## 41                     13.7         1.5          0.8              0.3
## 42                     13.0         1.0         -0.1              0.3
## 43                     16.1         1.9         -1.2              0.1
## 44                     16.1         1.9         -1.2              0.1
## 45                     18.3         0.4          0.1              0.1
## 46                     12.6         1.2         -2.9             -0.1
## 47                     12.6         1.2         -2.9             -0.1
## 48                     12.6         0.2         -3.4             -0.1
## 49                     12.6         0.2         -3.4             -0.1
## 50                     12.6         0.9         -2.1              0.0
## 51                      5.0         0.1         -6.2             -0.2
## 52                     17.2         1.4         -0.9              0.2
## 53                     23.4         3.1          3.8              1.0
## 54                     10.4         0.3         -3.2             -0.1
## 55                     10.4         0.3         -3.2             -0.1
## 56                     20.3         0.5          1.3              0.1
## 57                     20.3         0.5          1.3              0.1
## 58                     12.0         1.1         -2.1              0.0
## 59                     16.3         3.1          2.5              1.0
## 60                     18.3         2.5          2.0              1.0
```

```
## 61                10.3     -0.3      -5.6            -0.6
## 62                 5.4     -0.1      -6.3            -0.2
## 63                 5.4     -0.1      -6.3            -0.2
## 64                12.8      0.9      -2.8            -0.1
## 65                22.3      2.6       4.4             1.4
## 66                33.5      0.2       9.1             0.1
## 67                12.9      1.5       0.0             0.3
## 68                16.4      1.5      -0.6             0.2
## 69                18.8      0.9       0.4             0.2
## 70                 8.9      1.0      -1.7             0.1
## 71                13.7      0.8      -0.4             0.2
## 72                13.5      1.0       0.5             0.3
## 73                24.2      2.3       5.8             1.0
## 74                 9.8      1.3      -1.7             0.1
## 75                12.1      0.8      -1.3             0.1
## 76                23.1      2.7       2.4             0.8
## 77                17.1      1.2      -1.4             0.1
## 78                17.1      1.2      -1.4             0.1
## 79                 8.3      0.3      -1.3             0.0
## 80                 8.2     -0.1      -5.7            -0.2
## 81                11.5      1.0       0.7             0.3
## 82                16.6      1.2      -0.3             0.2
## 83                 5.3      0.2      -5.5            -0.5
## 84                19.0      2.3       3.0             1.0
## 85                19.3      3.0       1.8             0.8
## 86                19.8      2.9       4.1             1.0
## 87                13.2      1.3       1.2             0.4
## 88                15.1      1.0       0.4             0.3
## 89                15.1      1.0       0.4             0.3
## 90                15.1      1.0       0.4             0.3
## 91                15.1      1.0       0.4             0.3
## 92                15.1      1.0       0.4             0.3
## 93                15.1      1.0       0.4             0.3
## 94                15.1      1.0       0.4             0.3
## 95                15.1      1.0       0.4             0.3
## 96                10.0      0.9      -1.7             0.1
## 97                11.6      0.4      -0.2             0.1
## 98                11.6      0.4      -0.2             0.1
## 99                11.5      1.3       0.3             0.4
## 100               10.7      0.1      -5.8            -0.3
## 101               14.1      1.7      -0.4             0.3
## 102               25.6      4.3       7.6             2.4
## 103               24.7      3.3       6.4             1.6
## 104               12.2      0.6      -3.4            -0.1
## 105               11.2      0.3      -3.3            -0.1
## 106               11.2      0.3      -3.3            -0.1
## 107               21.7      3.5       3.8             1.2
## 108               15.9      1.2      -1.3             0.1
## 109               15.9      1.2      -1.3             0.1
## 110               18.6      1.2       2.0             0.3
## 111               18.6      1.2       2.0             0.3
## 112               12.7      1.4      -0.4             0.3
## 113                9.5      0.4      -4.5            -0.5
## 114               13.6      0.7      -0.8             0.1
```

```
## 115                   20.9        0.7        -0.3             0.3
## 116                   20.9        0.7        -0.3             0.3
## 117                   25.1        2.6         5.4             1.2
## 118                   10.5       -0.4        -5.1            -0.6
## 119                   12.8        0.9         0.0             0.2
## 120                   30.8        4.3         7.9             1.9
## 121                   12.4        0.2        -2.8             0.0
## 122                   20.6        2.4         2.6             0.5
## 123                   11.0        1.0        -0.9             0.2
## 124                    4.5       -0.1        -8.1            -0.2
## 125                   17.5        1.0         0.5             0.3
## 126                   17.5        1.0         0.5             0.3
## 127                   19.9        1.5         1.2             0.7
## 128                   17.6        1.2         0.2             0.2
## 129                   17.6        1.2         0.2             0.2
## 130                   12.5        0.5        -2.6            -0.1
## 131                   12.9        0.4        -2.0             0.0
## 132                   13.9        0.7        -1.3             0.1
## 133                   23.2        2.6         5.4             1.3
## 134                   10.6        0.3        -2.9             0.0
## 135                   21.6        2.4         3.5             1.0
## 136                   23.2        4.3         3.6             1.3
## 137                   14.9        0.6         0.6             0.4
## 138                   14.9        0.6         0.6             0.4
## 139                   16.8        1.6         1.1             0.5
## 140                   12.1        1.2        -1.9             0.0
## 141                   18.7        2.7         2.6             1.1
## 142                    9.7        1.0        -1.2             0.2
## 143                   10.3        1.0        -1.1             0.2
## 144                   14.6        1.2        -1.7             0.0
## 145                   12.7        0.6        -0.4             0.1
## 146                   12.2        1.6        -1.4             0.1
## 147                    6.4        0.0        -5.2            -0.2
## 148                   10.0        0.4        -2.6            -0.1
## 149                   10.0        0.4        -2.6            -0.1
## 150                   10.0        0.4        -2.6            -0.1
## 151                   10.0        0.4        -2.6            -0.1
## 152                   12.9        0.8        -3.0            -0.1
## 153                   17.5        1.7         2.3             0.8
## 154                    7.3        0.0        -5.6            -0.2
## 155                   14.2        1.2        -0.9             0.2
## 156                   24.2        4.1         5.8             1.8
## 157                   22.7        1.1         4.6             0.5
## 158                   24.9        3.0         6.4             1.3
## 159                    4.6        0.1        -2.5             0.0
## 160                    4.6        0.1        -2.5             0.0
## 161                   21.3        3.4         2.3             0.8
## 162                    9.3        0.7        -3.6            -0.2
## 163                    9.3        0.7        -3.6            -0.2
## 164                   14.9        2.4         0.5             0.6
## 165                   19.7        3.0         2.8             1.1
## 166                   19.1        0.5        -3.7            -0.1
## 167                   19.1        0.5        -3.7            -0.1
## 168                   12.5        1.6        -0.8             0.2
```

```
## 169            15.5       0.7       -2.0        0.0
## 170            -1.4      -0.5      -13.6       -0.4
## 171            18.7       2.5        1.8        0.9
## 172            12.1       0.3       -2.6       -0.1
## 173            10.7       0.2       -2.8       -0.2
## 174            16.0       1.1        0.4        0.2
## 175            16.0       1.1        0.4        0.2
## 176            16.0       1.1        0.4        0.2
## 177            16.0       1.1        0.4        0.2
## 178             6.4       0.3       -2.8       -0.1
## 179             7.1      -0.1       -5.9       -0.6
## 180            19.9       2.8        3.8        1.1
## 181            12.4       2.2        0.5        0.6
## 182            18.2       2.1       -0.7        0.2
## 183             5.0      -0.4       -8.0       -0.7
## 184             5.0      -0.4       -8.0       -0.7
## 185            17.6       1.2        3.2        0.7
## 186            11.7       0.7       -1.6        0.1
## 187            13.9       0.9       -5.1       -0.4
## 188            11.9       1.4       -0.3        0.4
## 189            17.5       1.8        2.5        0.7
## 190            18.2       2.1        0.2        0.4
## 191             8.9       0.6       -0.4        0.2
## 192            16.7       2.7        4.1        1.0
## 193            20.4       2.8        3.1        1.2
## 194            25.3       3.0        5.3        1.3
## 195             1.5      -0.1       -9.2       -0.1
## 196            12.2       0.1       -2.4       -0.1
## 197            13.3       1.2       -1.6        0.1
## 198            24.2       4.2        7.2        2.3
## 199            13.2       1.5        0.7        0.5
## 200            12.3       0.5       -0.1        0.2
## 201            12.3       0.5       -0.1        0.2
## 202            15.3       1.7       -1.0        0.2
## 203             9.6       0.6       -0.5        0.1
## 204             9.6       0.6       -0.5        0.1
## 205             9.6       0.6       -0.5        0.1
## 206             9.6       0.6       -0.5        0.1
## 207             9.6       0.6       -0.5        0.1
## 208            11.3       1.1       -2.8       -0.1
## 209             3.9       0.0       -8.5       -0.1
## 210            14.2       1.0       -0.6        0.2
## 211            16.7       1.8        1.1        0.5
## 212            16.7       1.8        1.1        0.5
## 213            10.8       0.4       -3.5       -0.2
## 214            10.8       0.4       -3.5       -0.2
## 215            10.8       0.4       -3.5       -0.2
## 216            10.8       0.4       -3.5       -0.2
## 217            16.2       0.9        2.3        0.3
## 218            10.8       1.1       -2.2        0.0
## 219            11.4       1.0       -0.8        0.1
## 220            13.3       0.7       -0.6        0.1
## 221             8.1       0.1       -4.3       -0.2
## 222             3.7      -0.1       -5.8        0.0
```

```
## 223                3.7       -0.1       -5.8                0.0
## 224                3.7       -0.1       -5.8                0.0
## 225               13.1        1.5       -0.9                0.2
## 226               17.8        1.5        3.0                0.5
## 227               22.7        3.1        4.1                1.5
## 228               13.0        0.5       -2.0                0.0
## 229               11.2        1.4       -1.1                0.1
## 230                7.0        0.0       -5.5               -0.1
## 231               15.5        0.6        0.0                0.2
## 232                4.3        0.0       -5.6               -0.1
## 233               19.5        0.7        2.0                0.2
## 234               27.5        4.1        6.3                1.7
## 235               19.1        0.6        0.6                0.2
## 236               19.1        0.6        0.6                0.2
## 237               11.7        0.2       -3.8               -0.1
## 238               27.1        4.5        6.3                2.1
## 239               16.3        0.4       -0.4                0.1
## 240               13.9        1.1       -0.2                0.1
## 241               13.4        1.8       -0.9                0.2
## 242               15.0        1.1       -2.6               -0.1
## 243               11.2        0.0       -2.1                0.0
## 244               16.3        2.2        0.5                0.6
## 245               11.6        0.4       -1.6                0.0
## 246               11.2        0.8       -2.6               -0.1
## 247               17.2        1.0        0.3                0.3
## 248               -0.4        0.0      -10.0                0.0
## 249                9.1        0.0       -6.5               -0.1
## 250               11.9        0.4       -1.6                0.0
## 251               13.5        0.3       -0.7                0.1
## 252               13.9        0.9       -0.1                0.2
## 253                8.2        1.0       -1.5                0.0
## 254               13.4        0.6       -2.7               -0.1
## 255               26.4        2.1        6.9                1.0
## 256               15.2        1.5        1.7                0.6
## 257                7.2        0.0       -7.2               -0.1
## 258                8.0        0.1       -4.6               -0.3
## 259               13.8        1.4       -1.7                0.1
## 260               16.5        0.3       -2.2                0.0
## 261               16.5        0.3       -2.2                0.0
## 262               11.1        0.1       -2.5                0.0
## 263               13.1        0.3       -1.9                0.0
## 264                8.6        0.1       -4.0               -0.2
## 265                8.6        0.1       -4.0               -0.2
## 266               15.6        0.5        1.2                0.2
## 267               20.3        0.1       -1.3                0.0
## 268               20.1        3.4        3.0                1.2
## 269               17.0        2.0        0.9                0.5
## 270               14.7        1.5        0.1                0.4
## 271               15.3        1.2       -2.0                0.0
## 272               18.9        2.7        1.7                0.8
## 273               13.0        0.5       -1.4                0.0
## 274                8.7        0.1       -4.3               -0.1
## 275               18.7        0.9       -1.0                0.1
## 276                8.9        0.7       -2.6                0.0
```

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```
## 277                  14.9        1.8         -0.3                0.3
## 278                  16.4        1.5          0.3                0.5
## 279                  15.8        1.7         -0.6                0.3
## 280                  14.6        1.1         -0.6                0.2
## 281                  14.8        0.4          0.8                0.1
## 282                  13.2        1.2          1.0                0.5
## 283                   4.4        0.0         -6.1               -0.2
## 284                  13.6        0.7         -1.3                0.1
## 285                   8.3        0.5         -3.1               -0.1
## 286                  14.3        1.3          0.5                0.3
## 287                  15.3        0.4         -2.0                0.0
## 288                  12.3        0.4         -1.7                0.0
## 289                  13.4        1.3         -0.8                0.2
## 290                   9.2        0.9         -2.0                0.0
## 291                   9.4        0.3         -2.4                0.0
## 292                   7.7        0.1         -5.0               -0.4
## 293                  12.2        0.2         -2.3                0.0
## 294                   5.6       -0.1         -5.8               -0.7
## 295                   3.2        0.0         -7.6               -0.2
## 296                  14.5        0.5         -0.7                0.2
## 297                  16.0        0.5          0.6                0.2
## 298                  13.2        0.0         -1.9                0.0
## 299                  12.0        1.1         -0.4                0.3
## 300                  12.0        1.1         -0.4                0.3
## 301                  10.5        2.7          0.6                0.6
## 302                  11.2        0.6         -1.9                0.0
## 303                  12.4        0.9         -2.8               -0.2
## 304                  15.0        0.9         -2.5               -0.1
## 305                  20.4        3.2          3.9                1.3
## 306                  13.5        0.6          0.2                0.2
## 307                  11.9        0.5         -3.4               -0.3
## 308                  17.2        2.1          0.9                0.5
## 309                  16.5        1.8         -0.2                0.3
## 310                   2.4       -0.8         -7.2               -0.4
## 311                  14.6        0.3         -0.6                0.1
## 312                  17.3        1.3          0.9                0.3
## 313                  20.9        2.4          2.1                0.6
## 314                  12.7        0.7         -1.6                0.0
## 315                  15.3        1.6         -0.8                0.2
## 316                  15.3        1.6         -0.8                0.2
## 317                  11.7        0.6         -1.8                0.0
## 318                  11.7        0.2         -2.9                0.0
## 319                  11.7        0.4         -1.1                0.1
## 320                  11.7        0.6         -1.8                0.0
## 321                  11.7        0.2         -2.9                0.0
## 322                  11.7        0.4         -1.1                0.1
## 323                  11.9        0.9         -1.4                0.1
## 324                  18.4        1.6          2.4                0.6
## 325                  20.7        3.6          4.2                1.7
## 326                   9.3        0.4         -3.5               -0.3
## 327                  18.9        1.5          0.2                0.3
## 328                  11.0        0.6         -3.2               -0.2
## 329                   9.7        0.6         -3.0               -0.1
## 330                   9.7        0.6         -3.0               -0.1
```

```
## 331          8.8      0.9     -2.7     -0.2
## 332         17.5      3.0      0.8      0.6
## 333         16.2      1.3     -0.8      0.1
## 334          8.9      0.0     -3.5     -0.1
## 335          8.9      0.0     -3.5     -0.1
## 336          8.9      0.0     -3.5     -0.1
## 337          8.9      0.0     -3.5     -0.1
## 338         17.3      0.5      0.4      0.3
## 339         17.4      0.4      0.4      0.2
## 340         17.0      0.2      0.4      0.1
## 341         17.3      0.5      0.4      0.3
## 342         17.4      0.4      0.4      0.2
## 343         17.0      0.2      0.4      0.1
## 344         12.6      0.6     -2.4     -0.1
## 345         18.3      2.4      2.6      1.0
## 346         11.2      0.5     -4.4     -0.4
## 347         16.4      0.5      0.4      0.4
## 348         20.7      3.3      3.4      1.4
## 349         17.3      1.5      0.1      0.4
## 350          9.1      0.3     -4.0     -0.3
## 351         17.6      2.1     -0.2      0.4
## 352         19.9      2.8      4.2      1.3
## 353         12.7      0.6     -1.6      0.0
## 354         14.6      1.2      0.3      0.3
## 355          8.5      0.0     -5.4     -0.1
## 356          7.0      0.0     -4.3      0.0
## 357          9.3      0.0     -5.9     -0.1
## 358         10.6      0.1     -2.5      0.0
## 359          7.3      0.2     -2.3      0.0
## 360          9.2      0.1     -4.3     -0.2
## 361         14.1      1.1     -2.9     -0.1
## 362         13.8      0.6      0.7      0.2
## 363         13.4      2.0     -1.0      0.2
## 364         21.4      2.4      4.6      1.4
## 365          9.6      0.9     -2.6     -0.1
## 366         15.5      1.9      0.5      0.4
## 367         15.5      1.9      0.5      0.4
## 368         13.6      1.3     -3.1     -0.2
## 369          9.1      0.8      1.0      0.4
## 370         12.7      0.4     -1.1      0.1
## 371         12.4      0.9     -0.6      0.1
## 372         23.9      1.1      4.3      0.5
## 373         14.0      1.4     -1.2      0.2
## 374         14.0      1.4     -1.2      0.2
## 375          5.5      0.8     -4.5     -0.5
## 376          5.5      0.8     -4.5     -0.5
## 377         17.0      2.4      1.4      0.7
## 378         16.7      1.5     -0.1      0.3
## 379         18.3      3.0      2.8      1.2
## 380         12.5      0.9      0.2      0.3
## 381          5.5     -0.3     -7.8     -0.4
## 382          6.1      0.0     -5.4     -0.2
## 383         15.4      0.6     -0.4      0.1
## 384         15.4      0.6     -0.4      0.1
```

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```
## 385                    14.2      0.3      -0.3          0.2
## 386                    14.2      0.3      -0.3          0.2
## 387                    17.3      0.7       0.9          0.4
## 388                     9.2      0.6      -3.7         -0.2
## 389                     9.2      0.6      -3.7         -0.2
## 390                     9.2      0.6      -3.7         -0.2
## 391                     9.2      0.6      -3.7         -0.2
## 392                    12.8      0.9      -1.4          0.1
## 393                    11.1      0.4      -2.0          0.0
## 394                    14.4     -0.4      -1.8          0.0
## 395                    10.9      0.6      -3.9         -0.4
## 396                    15.0      0.3       1.5          0.2
## 397                    22.2      0.8       0.1          0.2
## 398                    14.0      1.2      -1.6          0.1
## 399                     8.0      0.6      -3.8         -0.2
## 400                    13.4      1.2      -0.7          0.2
## 401                    16.5      1.3      -1.7          0.0
## 402                    16.5      1.3      -1.7          0.0
## 403                    27.0      3.9       4.5          1.5
## 404                     9.8      0.7      -4.0         -0.4
## 405                    13.4      0.5       0.0          0.1
## 406                    15.1      0.5      -4.1         -0.2
## 407                    24.1      2.0       4.0          0.8
## 408                    16.6      2.3       2.8          1.0
## 409                    16.6      2.3       2.8          1.0
## 410                    18.5      1.8       2.1          0.6
## 411                    22.9      3.1       4.3          1.4
## 412                    18.2      1.2       1.0          0.3
## 413                    20.5      2.8       0.5          0.4
##        Salary
## 1     2711280
## 2    17073171
## 3    28103550
## 4     2641691
## 5     3261480
## 6     4054695
## 7    20000000
## 8    20000000
## 9    20000000
## 10   20000000
## 11   20000000
## 12   20000000
## 13    9937150
## 14   39344970
## 15    2641691
## 16    3449400
## 17   16071429
## 18     586136
## 19     586136
## 20     586136
## 21    7000000
## 22    7000000
## 23    4692840
## 24   12632950
```

```
## 25   11312114
## 26    8231760
## 27   18604651
## 28    7568742
## 29    2033160
## 30   20284091
## 31    8623920
## 32   15384615
## 33   12213507
## 34   12213507
## 35    2401537
## 36    2513040
## 37   34502130
## 38   14391964
## 39    2541217
## 40    2541217
## 41   14320988
## 42    2824320
## 43    6350000
## 44    6350000
## 45    3098400
## 46    1366392
## 47    1366392
## 48    2089448
## 49    2089448
## 50   18125000
## 51    1729217
## 52   31610000
## 53    7009615
## 54    2641691
## 55    2641691
## 56    1789256
## 57    1789256
## 58    5421493
## 59    5557725
## 60   21700000
## 61   12200000
## 62    5170564
## 63    5170564
## 64    4736102
## 65   24830357
## 66    1701593
## 67    3000000
## 68    1802057
## 69    8730159
## 70    9536000
## 71    3333333
## 72    9536000
## 73   36016200
## 74   13038862
## 75    3804150
## 76   17103448
## 77    6920027
## 78    6920027
```

```
## 79     3833333
## 80     3000000
## 81     8604651
## 82     2726880
## 83      377645
## 84    12420000
## 85    23000000
## 86    21000000
## 87     5333333
## 88      759106
## 89      759106
## 90      759106
## 91      759106
## 92      759106
## 93      759106
## 94      759106
## 95      759106
## 96    12975471
## 97     4878049
## 98     4878049
## 99     9720900
## 100    6395160
## 101    8186047
## 102   45780966
## 103   35361360
## 104    2641691
## 105    4000000
## 106    4000000
## 107   26000000
## 108    5200000
## 109    5200000
## 110    4000000
## 111    4000000
## 112    4675830
## 113    1782621
## 114    1910860
## 115    2401537
## 116    2401537
## 117   40918900
## 118   10245480
## 119    2641691
## 120   31579390
## 121    1762796
## 122    9720900
## 123    4000000
## 124    2048040
## 125   18139535
## 126   18139535
## 127   28103550
## 128    1782621
## 129    1782621
## 130   20475000
## 131    7040880
## 132    5890000
```

```
## 133 39344970
## 134  4910000
## 135  5495532
## 136 35344828
## 137 16409091
## 138 16409091
## 139 18218818
## 140 11000000
## 141 20000000
## 142 10000000
## 143 24026712
## 144  8292683
## 145  1669178
## 146  4500000
## 147  2957520
## 148 32405817
## 149 32405817
## 150 32405817
## 151 32405817
## 152  4916160
## 153  4023600
## 154  2303040
## 155 21306816
## 156 43848000
## 157 43848000
## 158 43848000
## 159  4347600
## 160  4347600
## 161  9720900
## 162 20482143
## 163 20482143
## 164 17357143
## 165 36000000
## 166  3430810
## 167  3430810
## 168 12000000
## 169  5348280
## 170  5572680
## 171 29900000
## 172  4004280
## 173 22477273
## 174  4000000
## 175  4000000
## 176  4000000
## 177  4000000
## 178  2389641
## 179  3980551
## 180 30133333
## 181  6006420
## 182 10384500
## 183  2239544
## 184  2239544
## 185 27000000
## 186  9500000
```

```
## 187   2641691
## 188   4253357
## 189   7775400
## 190   9742000
## 191   2641691
## 192 14000000
## 193 29467800
## 194 34916200
## 195   3000000
## 196   5005350
## 197 10384500
## 198 41180544
## 199   4437000
## 200   2641691
## 201   2641691
## 202   2145720
## 203    888616
## 204    888616
## 205    888616
## 206    888616
## 207    888616
## 208   9720900
## 209   1977011
## 210   7522200
## 211 10517224
## 212 10517224
## 213   7310000
## 214   7310000
## 215   7310000
## 216   7310000
## 217   2089448
## 218 12727273
## 219   8750000
## 220   2197674
## 221   4629630
## 222    606702
## 223    606702
## 224    606702
## 225 13000000
## 226 10500000
## 227 19500000
## 228   3940184
## 229   1910860
## 230   1489065
## 231   3731707
## 232   3731707
## 233   3731707
## 234 39344900
## 235 17500000
## 236 17500000
## 237   3822240
## 238 39344900
## 239   2316240
## 240   5178572
```

```
## 241 13302325
## 242  5000000
## 243 31300000
## 244 26984128
## 245  2500000
## 246  1782621
## 247 15690909
## 248  1517981
## 249  1517981
## 250   527614
## 251  1782621
## 252  1093598
## 253  1958501
## 254  2602920
## 255 30864198
## 256  7500000
## 257  1782621
## 258  2063280
## 259 13750000
## 260  5000000
## 261  5000000
## 262  1939350
## 263  1669178
## 264  2389641
## 265  2389641
## 266  8437500
## 267  1762796
## 268 35500000
## 269  2641691
## 270  5890000
## 271  1846738
## 272 28103550
## 273  1789256
## 274  2641691
## 275  9603360
## 276  2641691
## 277  8333333
## 278 15428571
## 279 31590000
## 280  3500000
## 281  2000000
## 282 10690909
## 283  3631200
## 284  2089448
## 285  3300000
## 286  8800000
## 287  1782621
## 288  5000000
## 289  4650000
## 290  1789256
## 291  3277080
## 292  4087904
## 293  6104280
## 294  6720720
```

```
## 295  1782621
## 296  2389641
## 297  2389641
## 298  2389641
## 299 12195122
## 300 12195122
## 301  8678571
## 302  8050000
## 303 12000000
## 304  1782621
## 305 30800000
## 306  6500000
## 307  2239544
## 308  8137500
## 309  8750000
## 310  3113160
## 311  2161440
## 312  5258735
## 313  4347600
## 314 11000000
## 315 15517242
## 316 15517242
## 317 15057692
## 318 15057692
## 319 15057692
## 320 15057692
## 321 15057692
## 322 15057692
## 323  2137440
## 324  2210640
## 325 19800000
## 326  4670160
## 327  1782621
## 328 11600000
## 329  2401537
## 330  2401537
## 331 15560000
## 332  1802057
## 333  1782621
## 334  2641691
## 335  2641691
## 336  2641691
## 337  2641691
## 338 13445120
## 339 13445120
## 340 13445120
## 341 13445120
## 342 13445120
## 343 13445120
## 344 12500000
## 345 17905263
## 346 17809524
## 347 30013500
## 348 18562500
```

```
## 349  6349671
## 350  3768342
## 351 31320000
## 352 31590000
## 353  3938818
## 354 14339285
## 355  1789256
## 356  1789256
## 357  1789256
## 358  4500000
## 359  2389641
## 360  1517981
## 361  3277080
## 362  1669178
## 363  1517981
## 364 28103550
## 365  4910000
## 366  8372093
## 367  8372093
## 368  9720900
## 369  2840160
## 370  5105160
## 371  1701593
## 372 31610000
## 373 16000000
## 374 16000000
## 375  7000000
## 376  7000000
## 377 18000000
## 378  4259259
## 379 19675926
## 380  4235160
## 381  1669178
## 382  1782621
## 383  1729217
## 384  1729217
## 385  8729020
## 386  8729020
## 387 44310840
## 388   705598
## 389   705598
## 390   705598
## 391   705598
## 392  4215120
## 393  1762769
## 394 44211146
## 395  5837760
## 396 15178571
## 397  2401537
## 398 31579390
## 399  2617800
## 400  2000000
## 401  5000000
## 402  5000000
```

```
## 403 10733400
## 404  7422000
## 405  2239200
## 406  9166800
## 407 13666667
## 408  8526316
## 409  8526316
## 410 14190000
## 411  8326471
## 412  2389641
## 413  7518518
```

Plot of response variable

```
plot(our_data$Salary, ylab= "Salary", ylim=c(0, 50000000))
```
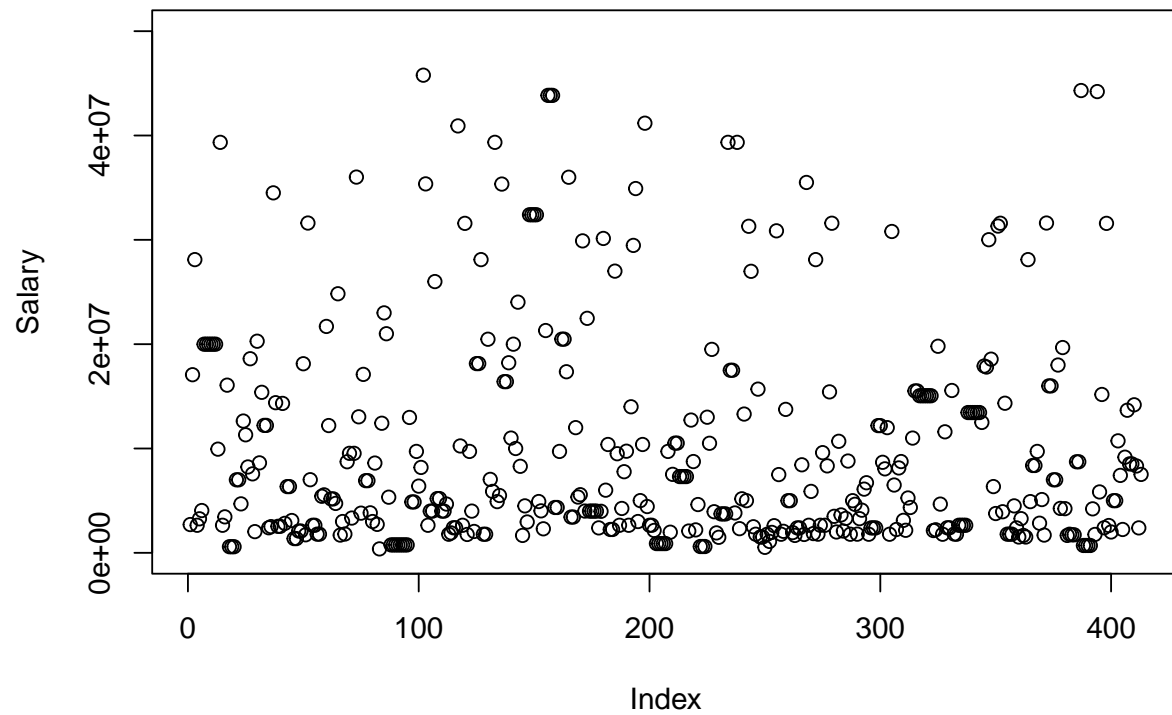


```
hist(our_data$Salary, main = "Histogram of NBA salaries 2021-2022", xlab="Salary Amount",breaks = "Sturg
```

Histogram of NBA salaries 2021–2022
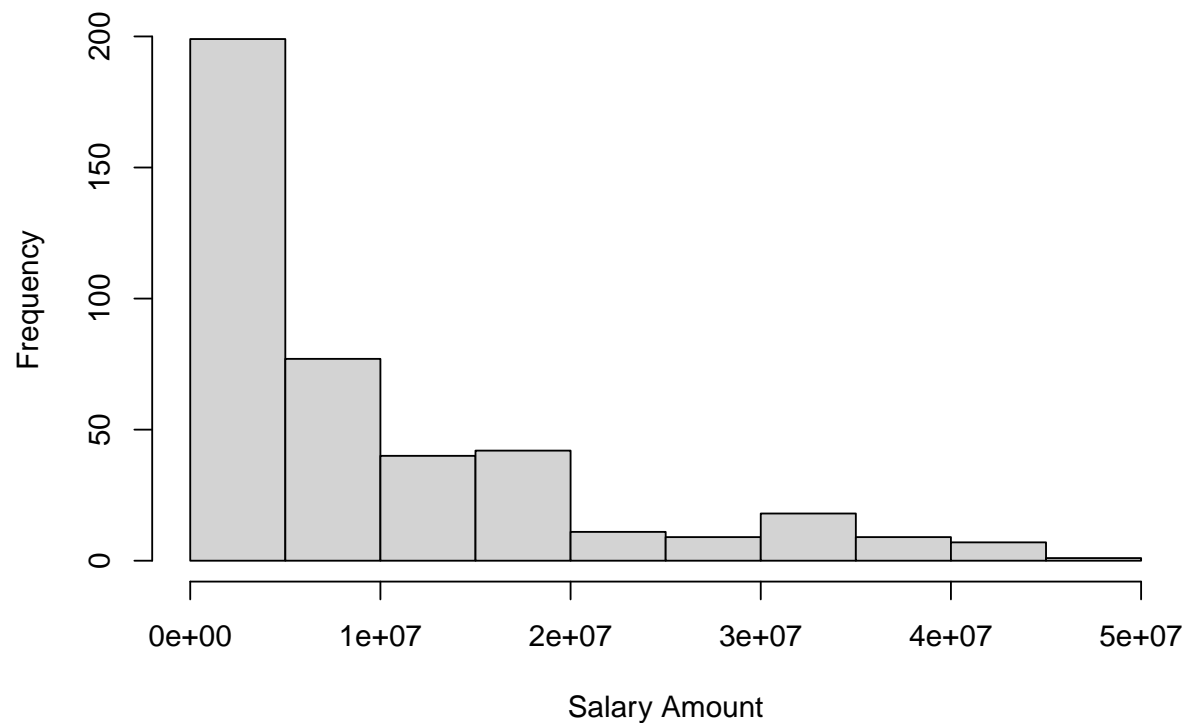
Check to see Correlation

```
# correlation to see predictors vs other predictors in our_data2
my_cor <- our_data %>% select_if(is.numeric) %>% drop_na() %>% cor() %>% round(3)
corrplot(my_cor, method = "circle", type = "upper")
```
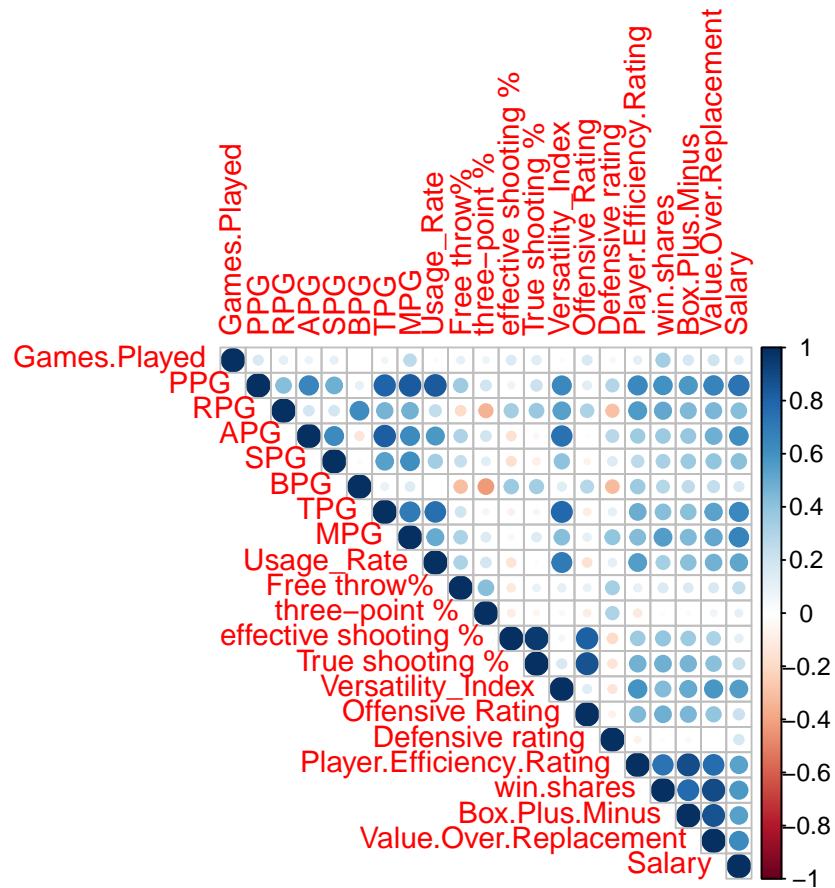
Correlation Check Part 2

```
salarycor <- our_data %>% select(Salary,Games.Played,PPG,RPG,APG,SPG,BPG,TPG,MPG,Usage_Rate,`Free throw
#ggpairs(salarycor)
cor(salarycor)[,"Salary"]
```

```
##            Salary      Games.Played                  PPG
##            1.0000            0.1226               0.7362
##               RPG               APG                  SPG
##            0.4236            0.6139               0.4159
##               BPG               TPG                  MPG
##            0.1673            0.6439               0.6695
##        Usage_Rate        Free throw%          three-point %
##            0.5295            0.2436               0.1006
##   Versatility_Index   Offensive Rating      Defensive rating
##            0.5508            0.2141               0.1780
##        win.shares      Box.Plus.Minus Value.Over.Replacement
##            0.5773            0.5404               0.6300
```

Based from the correlation, we see that PPG>MPG>TPG>Value.Over.Replacement>APG>win.shares>Versatility Index>Box.Plus.Minus> Usage Rate>RPG>SPG>Free throw%>Offensive Rating>Defensive rating>BPG>Games.Played> point %

We will filter those correlations above 0.5, meaning we will only use PPG, MPG, TPG,Value.Over.Replacement, APG, win.shares, Versatility Index, Box.Plus.Minus, Usage Rate.

training and testing data

```
# Set random seed
set.seed(3112022)

# Sample 80% observations as training data
fit_data <- our_data[-1]
new_data <- resample_partition(fit_data, p = c(test=0.2, train=0.8))
training <- as.data.frame(new_data$train)
testing <- as.data.frame(new_data$test)
```

Linear regression

```
# linear regression for data

# training data
fit <- lm(Salary ~ PPG + MPG+TPG+Value.Over.Replacement+APG+win.shares+ Versatility_Index+ Box.Plus.Min
summary(fit)
```

```
##
## Call:
## lm(formula = Salary ~ PPG + MPG + TPG + Value.Over.Replacement +
##     APG + win.shares + Versatility_Index + Box.Plus.Minus + Usage_Rate,
##     data = training)
##
## Residuals:
##       Min       1Q    Median       3Q      Max
## -23658868  -3397834   -353086   3322914 23763479
##
## Coefficients:
##                        Estimate Std. Error t value Pr(>|t|)
## (Intercept)             1554683    4163905    0.37  0.70912
## PPG                     1425107     269900    5.28  2.4e-07 ***
## MPG                      -85322     150779   -0.57  0.57187
## TPG                      602490    1139776    0.53  0.59745
## Value.Over.Replacement   735219    2341461    0.31  0.75372
## APG                      896828     390551    2.30  0.02230 *
## win.shares                75312     899493    0.08  0.93333
## Versatility_Index        478062     370816    1.29  0.19825
## Box.Plus.Minus           138821     226610    0.61  0.54057
## Usage_Rate              -638754     189525   -3.37  0.00084 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 6340000 on 321 degrees of freedom
## Multiple R-squared:  0.63,   Adjusted R-squared:  0.619
## F-statistic: 60.7 on 9 and 321 DF,  p-value: <2e-16
```

```r
# predicted salaries for training
na.omit(training)
```

```
##    Games.Played  PPG  RPG  APG  SPG  BPG  TPG  MPG Usage_Rate Free throw%
## 1            61  5.0  3.4  0.5 0.33 0.46 0.70 12.1       19.5       0.509
## 2            58  7.6  8.9  1.9 0.93 0.66 1.36 27.7       11.7       0.444
## 4            21 13.7  4.5  1.7 0.38 0.86 0.95 25.9       22.7       0.838
## 5            46 11.0  3.1  2.2 1.02 0.48 1.50 21.9       23.2       0.727
## 6            50 10.6  3.2  2.2 0.92 0.16 0.96 25.2       16.8       0.868
## 7            12 11.2 10.4  1.7 0.58 1.58 1.83 26.6       15.5       0.754
## 8            12 11.2 10.4  1.7 0.58 1.58 1.83 26.6       15.5       0.754
## 11           51 13.2  9.9  1.7 0.47 1.41 1.53 30.3       16.8       0.690
## 12           51 13.2  9.9  1.7 0.47 1.41 1.53 30.3       16.8       0.690
## 13           69 12.4  5.7  3.6 1.22 0.83 1.25 27.4       18.5       0.783
## 14           61 28.1 11.0  5.9 1.18 1.21 3.39 33.0       32.5       0.685
## 15           69 13.4  3.1  1.5 0.67 0.55 0.88 24.5       23.1       0.891
## 17           43 15.9  5.5  2.2 1.53 0.72 1.74 33.3       19.2       0.784
## 18           44  3.1  1.5  1.3 0.20 0.00 0.23 10.2       13.1       0.650
## 19           44  3.1  1.5  1.3 0.20 0.00 0.23 10.2       13.1       0.650
## 20           44  3.1  1.5  1.3 0.20 0.00 0.23 10.2       13.1       0.650
## 21           37  6.1  1.4  3.0 0.54 0.03 0.92 19.3       14.3       0.900
## 22           20 10.6  2.2  3.9 0.40 0.00 1.55 20.8       21.0       0.907
## 23           54  6.3  4.8  1.2 0.59 0.28 0.61 23.3       12.0       0.644
## 24           69 14.4 10.5  1.4 0.59 1.17 1.48 30.6       18.2       0.769
## 25           43 14.1  7.4  1.0 0.49 0.49 1.37 25.9       23.5       0.575
## 26           51 15.7  5.9  6.1 1.59 0.35 2.84 28.8       26.1       0.758
## 28           46  8.0  5.8  0.8 0.30 1.26 0.80 15.8       21.9       0.682
## 29           68  9.2  3.1  1.7 0.62 0.24 0.87 22.3       16.1       0.816
## 30           58 16.1  6.6  3.5 0.74 0.19 1.60 36.3       17.2       0.830
## 31           72 17.6  5.8  3.0 0.74 0.28 1.93 34.9       23.4       0.746
## 32           56 12.7  4.0  3.2 0.89 0.41 1.71 31.0       19.0       0.785
## 33           67  8.1  4.7  2.2 1.03 0.55 0.79 27.4       11.8       0.828
## 34           67  8.1  4.7  2.2 1.03 0.55 0.79 27.4       11.8       0.828
## 35           67  7.2  3.4  1.6 1.03 0.49 1.22 19.9       16.3       0.692
## 36           55 13.7  7.2  1.8 0.53 0.45 2.22 31.2       22.0       0.702
## 37           60 31.3  4.7  4.4 1.15 0.37 3.12 35.8       34.1       0.889
## 38           37 19.6  4.4  2.4 0.81 0.19 1.62 32.8       24.0       0.850
## 39           51  5.7  2.9  2.1 1.04 0.35 1.39 19.1       14.6       0.682
## 40           51  5.7  2.9  2.1 1.04 0.35 1.39 19.1       14.6       0.682
## 42           70 12.2  4.6  1.4 0.74 0.20 0.86 27.3       18.7       0.844
## 43           48  5.3  5.1  1.1 0.67 0.58 0.48 19.8       12.2       0.741
## 44           19 11.9  7.5  1.9 0.89 1.16 1.11 30.4       15.8       0.636
## 45           45  5.1  3.3  0.8 0.20 1.33 0.38 12.5       18.0       0.738
## 46           66  5.0  5.3  1.2 0.26 1.12 1.08 20.4       11.5       0.448
## 47           66  5.0  5.3  1.2 0.26 1.12 1.08 20.4       11.5       0.448
## 49           11  5.0  2.5  1.8 0.64 0.27 0.45 14.2       15.9       0.556
## 50           71 12.2  3.4  3.8 0.77 0.34 1.58 29.7       18.5       0.687
## 51           40  2.0  1.7  0.6 0.28 0.23 0.55 10.8       10.2       0.625
## 52           67 25.6  4.2  4.3 0.79 0.24 3.09 33.9       32.7       0.867
## 55           17  5.2  2.3  1.9 0.82 0.18 1.12 23.0       13.8       0.833
## 56           20  5.5  5.2  0.9 0.30 0.65 0.30 14.4       12.8       0.636
## 57           22  8.7  6.1  0.9 0.41 0.77 1.23 18.0       18.0       0.705
## 58           66 12.7  6.0  2.2 0.67 0.79 1.61 29.3       17.3       0.867
```

```
## 59        72 13.5   4.3  2.1 1.06 0.88 0.81 32.6      14.9      0.840
## 60        56 21.2   5.3  5.9 0.88 0.27 2.05 34.5      25.9      0.864
## 61        67 17.2   2.9  2.3 1.16 0.39 1.78 29.8      26.1      0.815
## 62        21  4.3   2.9  0.9 0.14 0.19 0.76 13.7      16.1      0.667
## 63        13  5.5   3.4  0.8 0.54 0.15 0.38 18.2      11.5      0.833
## 64        65  8.8   5.4  1.6 0.86 0.43 0.83 22.3      15.9      0.735
## 65        58 24.7   6.0  3.4 1.24 0.55 2.72 34.5      29.7      0.764
## 66        43  8.6   8.9  0.2 0.72 1.12 1.00 21.4      17.0      0.619
## 68        68 12.6   3.4  3.5 0.51 0.01 1.18 25.0      20.2      0.795
## 69        10 14.3   6.1  1.5 0.40 0.80 1.10 27.1      17.2      0.667
## 71        62  6.6   0.9  1.3 0.60 0.10 0.53 14.7      19.9      0.895
## 72        49 12.7   4.6  2.2 0.63 0.29 1.00 25.6      21.4      0.856
## 73        52 21.5   6.9  7.1 2.08 0.35 2.10 33.6      26.6      0.863
## 74        67  9.7   2.7  1.9 0.93 0.39 1.01 28.4      14.2      0.866
## 75        65  6.1   2.1  3.6 1.22 0.22 1.12 21.9      13.1      0.879
## 77        32 10.9   7.8  2.2 0.56 0.75 1.53 24.7      19.2      0.739
## 78        22 11.7   8.8  1.6 0.77 0.82 1.32 26.5      19.5      0.721
## 79        60  4.1   1.5  1.2 0.48 0.15 0.27 11.9      15.0      0.571
## 80        31  8.8   4.5  4.1 0.81 0.55 2.23 25.8      20.2      0.613
## 82        59 10.3   5.6  1.6 1.03 0.86 0.56 24.0      17.3      0.690
## 83        35  3.4   3.2  0.9 0.34 0.20 0.49 18.2      10.3      0.800
## 84        68 18.4   4.0  2.5 0.90 0.15 1.69 26.7      29.8      0.896
## 85        63 17.6   7.4  1.2 0.54 1.00 1.33 29.3      22.2      0.833
## 86        51 16.2   3.5  6.0 1.37 0.18 1.94 29.4      23.1      0.852
## 88        25  9.6   7.6  2.4 0.84 0.72 1.56 20.2      23.1      0.746
## 89        25  9.6   7.6  2.4 0.84 0.72 1.56 20.2      23.1      0.746
## 91        25  9.6   7.6  2.4 0.84 0.72 1.56 20.2      23.1      0.746
## 92        16  7.8   4.5  1.0 0.81 0.38 1.56 12.9      27.8      0.682
## 93        16  7.8   4.5  1.0 0.81 0.38 1.56 12.9      27.8      0.682
## 94        16  7.8   4.5  1.0 0.81 0.38 1.56 12.9      27.8      0.682
## 95        16  7.8   4.5  1.0 0.81 0.38 1.56 12.9      27.8      0.682
## 96        70  8.5   6.7  1.7 1.44 1.20 0.91 32.0      11.5      0.806
## 97        18  2.5   2.4  0.9 0.50 0.39 0.28 11.2      10.8      0.500
## 98        32  7.2   4.8  1.0 0.59 0.59 0.63 18.8      15.5      0.800
## 99        60 10.1   4.7  2.1 0.82 0.43 0.92 27.5      15.7      0.760
## 100       34  5.3   3.1  0.7 0.50 0.26 0.82 14.7      18.2      0.604
## 101       57 12.5   2.4  2.7 0.77 0.14 1.14 28.7      17.1      0.896
## 102       63 32.0   5.5  5.8 1.21 0.13 3.38 34.2      34.8      0.916
## 103       36 21.8   7.9  3.1 1.25 1.64 2.06 32.3      29.2      0.738
## 105       34  6.9   1.9  1.1 0.50 0.21 0.85 14.5      21.6      0.889
## 106       27 11.1   3.3  1.7 1.04 0.26 1.26 21.5      22.0      0.784
## 107       61 21.6   4.2  6.9 0.92 0.25 1.95 33.7      26.1      0.880
## 108       32 11.9   5.2  2.4 0.97 0.38 1.53 23.8      22.5      0.629
## 110       22  7.9   4.5  1.3 0.77 0.64 1.00 16.9      16.9      0.884
## 111       16  5.3   2.6  1.2 0.56 0.13 0.63 11.3      18.1      0.833
## 112       66 10.4   5.8  3.1 1.09 0.23 1.39 27.5      16.7      0.718
## 113       52 14.0   3.6  1.7 0.87 0.37 1.52 29.7      21.7      0.744
## 114       50  7.7   3.6  1.8 0.62 0.44 0.94 21.8      17.2      0.636
## 116       21 11.9  10.2  1.4 1.10 0.95 2.05 24.8      22.5      0.605
## 117       35 26.9   7.1  5.6 0.71 1.29 3.43 33.1      31.2      0.882
## 119       46  9.6   1.8  1.5 0.39 0.20 0.72 22.0      16.7      0.800
## 120       51 28.5  10.5  2.8 0.98 1.35 3.12 31.1      35.3      0.859
## 122       68  5.4   5.5  0.6 0.47 1.00 0.53 15.3      13.0      0.738
## 123       60  9.8   5.4  1.7 0.87 0.40 0.80 32.0      12.3      0.756
```

```
## 124      47  7.5  2.5  2.9 0.83 0.15 0.91 19.7      19.0      0.804
## 125      26 19.7  2.9  3.7 1.04 0.35 2.08 30.3      26.2      0.797
## 128      31  4.7  3.3  0.5 0.35 1.10 0.71 12.4      14.4      0.659
## 129      23 10.1  5.6  0.5 0.65 1.78 0.83 17.8      18.9      0.672
## 130      51 13.3  4.2  1.5 0.59 0.20 0.84 24.0      21.2      0.925
## 131      54 17.4  2.4  6.1 1.22 0.11 3.04 33.1      24.9      0.848
## 132      63 11.4  4.8  1.4 0.73 0.63 1.03 21.5      23.6      0.804
## 133      54 23.3  6.6  5.2 1.15 0.44 3.31 33.7      30.0      0.868
## 134      45  5.4  5.6  0.8 0.69 1.09 0.49 20.8       9.7      0.727
## 135      35 23.7  4.7  5.9 0.77 0.66 3.03 33.7      27.8      0.808
## 137      25 14.6  6.6  4.2 0.64 0.80 2.68 29.4      23.9      0.629
## 138      25 10.2  4.7  2.2 0.68 0.56 1.16 25.9      17.1      0.705
## 141      54 22.3  4.6  2.8 0.65 1.07 2.02 33.9      28.5      0.845
## 142      69  9.5  3.8  1.7 1.33 0.81 0.96 28.0      14.0      0.775
## 143      63  7.0  7.1  8.9 1.70 0.83 2.98 31.5      13.1      0.795
## 144      58  8.1  4.8  0.9 0.45 0.38 0.91 19.3      17.6      0.807
## 146      68 11.0  3.9  1.6 0.53 0.40 0.79 27.0      15.6      0.776
## 147      39  2.6  2.0  0.7 0.41 0.08 0.44 11.4      11.9      0.565
## 148      20 12.3  5.2  3.9 0.70 0.10 1.60 31.3      19.6      0.710
## 149      20 12.3  5.2  3.9 0.70 0.10 1.60 31.3      19.6      0.710
## 151      26 10.0  4.7  2.4 0.69 0.50 1.15 21.5      18.9      0.782
## 152      57 13.8  5.5  1.4 0.79 0.12 1.19 31.5      18.1      0.770
## 153      58 13.0  3.0  5.3 1.33 0.48 1.59 30.1      18.1      0.857
## 154      26 11.2  5.0  2.8 0.62 0.35 1.62 25.2      21.5      0.657
## 155      70 16.6  3.3  1.8 0.44 0.16 0.91 28.4      23.4      0.816
## 156      36 24.6  8.6 10.9 1.28 0.75 3.97 36.6      28.4      0.856
## 157      36 24.6  8.6 10.9 1.28 0.75 3.97 36.6      28.4      0.856
## 160      26  6.9  3.0  1.4 1.08 0.65 0.77 24.9      12.6      0.805
## 161      69 13.5  6.2  1.1 0.67 0.71 1.07 22.9      21.7      0.707
## 163      20 10.2  1.6  2.3 0.55 0.30 1.15 24.9      20.2      0.875
## 164      69 14.1  3.6  1.9 0.68 0.20 0.90 31.0      16.2      0.778
## 165      62 19.5  6.8  3.5 0.89 0.82 1.73 32.5      23.9      0.892
## 166      16  8.3  6.0  2.5 0.50 1.19 1.44 17.9      19.7      0.686
## 167      16  8.3  6.0  2.5 0.50 1.19 1.44 17.9      19.7      0.686
## 168      47  9.2  8.0  2.3 0.81 0.26 1.09 28.7      13.5      0.775
## 169      60  7.5  4.3  0.6 0.42 0.63 0.65 16.1      16.2      0.775
## 170      26  6.8  2.7  5.3 1.04 0.38 3.19 25.8      19.0      0.824
## 171      44 19.6  5.9  4.1 1.18 0.32 2.07 34.0      23.9      0.843
## 173      71 16.6  4.7  3.6 0.89 0.42 1.83 34.3      20.7      0.846
## 175      14 11.8  2.1  3.1 0.86 0.14 0.86 26.3      16.5      0.840
## 176      16  6.0  2.0  1.9 0.69 0.19 1.19 18.9      15.2      0.760
## 177      16  6.0  2.0  1.9 0.69 0.19 1.19 18.9      15.2      0.760
## 178      71  4.4  3.0  1.1 0.70 0.15 0.59 21.3      10.3      0.761
## 181      72 10.5  3.6  1.7 1.03 0.57 0.75 30.3      14.0      0.788
## 182      61 14.2  8.3  1.7 0.64 1.56 1.23 29.2      17.5      0.794
## 183      38  4.7  1.9  1.2 0.53 0.11 0.82 19.1      14.1      0.750
## 184      17  3.9  1.8  0.4 0.24 0.18 0.29 12.7      14.2      0.938
## 185      28 14.2  6.7  3.4 0.89 0.93 1.04 27.9      21.6      0.818
## 186      65  9.0  2.6  2.8 0.97 0.32 1.63 20.1      21.7      0.775
## 187      69  7.0  8.4  0.9 0.43 0.90 1.62 17.3      18.3      0.576
## 188      69 11.9  3.3  3.5 1.19 0.26 1.14 30.8      17.2      0.781
## 189      23 15.0  4.8  1.9 0.83 0.52 1.26 29.5      20.2      0.859
## 190      41 11.1  6.7  1.8 0.22 1.15 1.07 23.3      20.1      0.811
## 191      63  4.4  3.5  2.3 0.92 0.52 1.06 21.3      11.2      0.658
```

```
## 192          67 12.1  3.6  4.7 0.67 0.18 1.75 27.9      16.6        0.844
## 193          61 23.8  4.9  4.9 0.69 0.59 2.51 34.3      28.0        0.878
## 194          54 26.9  4.8  6.0 1.41 0.69 2.39 34.9      30.3        0.922
## 195          40  9.8  2.2  0.9 0.38 0.03 0.88 18.5      21.4        0.813
## 196          62 13.4  4.1  2.3 0.85 0.76 2.29 25.2      26.5        0.729
## 197          67 10.7  2.9  3.1 0.63 0.10 1.10 23.0      20.0        0.817
## 199          60  9.6  3.3  1.4 0.62 0.27 0.67 24.0      17.0        0.847
## 200          29  5.7  3.0  1.7 0.83 0.79 0.93 17.4      16.2        0.586
## 204          61  4.4  2.5  1.5 0.85 0.31 0.89 16.5      13.4        0.800
## 205          61  4.4  2.5  1.5 0.85 0.31 0.89 16.5      13.4        0.800
## 208          58  6.8  3.5  0.8 0.64 0.93 0.55 22.7      12.3        0.648
## 209          17  6.9  4.5  1.4 0.53 1.00 0.88 20.0      12.7        0.714
## 210          70  6.3  2.0  3.7 0.90 0.09 0.69 17.5      16.6        0.911
## 211          57  7.5  7.5  1.6 0.30 1.14 1.49 21.9      13.2        0.500
## 213          44  6.6  2.3  2.5 0.86 0.20 1.00 21.5      14.3        0.766
## 214          44  6.6  2.3  2.5 0.86 0.20 1.00 21.5      14.3        0.766
## 218          63  8.3  2.6  1.7 0.35 0.14 0.76 19.6      17.1        0.839
## 219          50  7.1  5.2  1.4 0.48 0.70 0.60 26.8      10.6        0.919
## 220          43  4.3  3.0  1.1 0.70 0.21 0.42 13.4      12.4        0.833
## 221          55  9.1  2.1  1.5 0.89 0.16 0.84 19.3      20.5        0.732
## 222          18  4.4  2.9  1.1 0.11 1.39 0.33 14.1      13.7        0.500
## 223          18  4.4  2.9  1.1 0.11 1.39 0.33 14.1      13.7        0.500
## 225          68 12.9  6.1  1.9 0.50 0.60 1.66 28.7      20.3        0.691
## 226          36 10.1  3.6  1.5 0.94 0.64 0.61 21.3      18.4        0.947
## 227          58 27.4  5.0  4.9 0.79 0.47 3.50 35.1      31.1        0.849
## 228          45  5.1  1.5  0.6 0.64 0.42 0.58 13.9      15.1        0.703
## 229          57  6.5  3.2  1.3 0.67 0.14 0.53 18.9      12.8        0.909
## 230          48  5.6  2.0  3.6 0.67 0.27 1.15 16.3      17.0        0.685
## 232          57  7.1  4.4  0.8 0.33 1.02 0.82 15.8      16.7        0.636
## 233          57  7.1  4.4  0.8 0.33 1.02 0.82 15.8      16.7        0.636
## 234          52 24.8  6.5  5.2 1.56 0.40 2.02 34.1      28.6        0.885
## 235          12 18.5  4.3  6.0 1.08 0.50 2.17 27.8      31.5        0.765
## 236          35 20.7  4.6  4.9 1.51 0.69 2.17 32.9      27.9        0.822
## 238          67 28.7  4.2  7.5 0.93 0.25 3.03 35.8      31.4        0.927
## 239          48  4.6  2.7  0.5 0.10 0.27 0.38 13.3      13.8        0.800
## 240          61  4.1  5.3  1.9 0.36 0.36 0.61 19.0       9.4        0.646
## 241          70 12.3  5.0  0.7 0.57 1.47 0.91 27.2      16.9        0.845
## 242          71  9.0  3.8  0.8 0.21 0.62 1.06 19.1      17.1        0.723
## 243          25 12.2  7.4  2.5 0.64 0.08 1.52 24.9      21.9        0.824
## 244          46 17.2  5.3  7.3 1.02 0.26 2.74 34.8      21.4        0.875
## 245          23  5.0  3.7  0.6 0.26 0.04 0.26 15.6      12.9        0.652
## 246          67  7.0  3.6  1.6 0.45 0.19 0.60 18.9      15.1        0.830
## 247          51 13.6  5.3  0.9 0.51 0.29 1.02 25.8      20.2        0.826
## 249          45  9.3  5.4  1.1 0.67 0.91 0.84 23.7      15.7        0.714
## 250          53  5.0  2.7  1.3 0.70 0.23 0.62 15.4      16.7        0.641
## 251          52  4.0  3.1  1.7 0.73 0.23 0.77 16.3      12.5        0.581
## 252          64  5.5  1.4  0.4 0.45 0.11 0.16 16.2      11.5        0.884
## 253          58  4.8  1.6  0.9 0.64 0.28 0.45 19.5      11.4        0.854
## 254          61  8.0  1.7  2.0 0.43 0.21 0.67 15.3      23.0        0.871
## 255          47 23.1  3.9  4.7 0.94 0.45 1.36 34.0      27.1        0.812
## 257          47  7.4  3.6  1.1 0.60 0.40 0.96 19.2      17.0        0.703
## 258          63  6.8  3.7  1.1 0.56 0.95 0.75 24.0      12.0        0.600
## 259          66 13.6  3.3  1.3 0.30 0.09 0.80 24.5      20.0        0.816
## 260          33  8.0  5.2  1.0 0.48 1.21 1.36 15.2      24.6        0.655
```

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## 261        13  5.5   5.3   0.5 0.23 1.08 1.15 13.5        21.7        0.667
## 262        16  5.7   1.4   1.0 0.50 0.06 0.44 12.1        18.2        0.750
## 263        51  5.0   2.1   3.8 1.00 0.12 1.00 18.4        13.7        0.767
## 264        32  7.4   2.1   0.9 0.63 0.09 0.88 16.8        21.1        0.719
## 265        21  8.0   1.6   0.5 0.14 0.29 0.71 17.5        19.5        0.762
## 266        52  9.1   3.1   2.5 1.13 0.60 1.27 20.1        19.5        0.804
## 267        36  6.3   3.1   0.8 0.39 0.53 0.81 13.6        20.0        0.721
## 268        68 20.4   6.0   5.4 1.09 0.15 2.60 33.4        25.0        0.898
## 269        56  9.0   4.7   1.8 0.91 0.64 0.91 20.8        18.6        0.724
## 270        68 10.8   1.7   2.4 0.60 0.04 0.96 24.8        18.4        0.910
## 271        63 13.0   2.3   3.1 0.62 0.29 1.63 23.2        25.0        0.830
## 272        53 26.4   4.4   5.2 0.98 0.28 2.77 33.4        33.5        0.845
## 273        42 11.7   2.4   2.1 0.45 0.10 1.31 20.9        23.8        0.819
## 274        27  4.9   1.7   1.5 0.56 0.19 0.85 14.4        17.2        0.857
## 276        61  6.7   4.4   1.2 0.36 0.31 0.89 19.7        16.5        0.720
## 277        47 10.2   2.0   3.2 0.72 0.28 0.72 25.5        16.5        0.795
## 278        67 15.7   7.1   5.4 1.51 0.10 1.75 31.9        23.4        0.791
## 279        48 21.2   4.0   4.8 1.33 0.27 2.23 35.5        24.7        0.869
## 281        24  6.7   2.6   0.8 0.42 0.38 0.79 14.8        19.0        0.757
## 282        35  9.3   6.7   3.1 1.74 0.49 1.57 31.2        13.9        0.612
## 286        64  5.1   6.4   0.7 1.09 2.20 1.02 24.2         9.2        0.714
## 287        42  9.0   2.3   1.5 0.52 0.29 0.67 18.1        21.4        0.818
## 288        56 14.6   3.2   2.6 0.96 0.25 1.43 29.5        20.9        0.933
## 289        30  9.2   3.9   1.0 1.00 0.70 0.57 22.6        16.5        0.691
## 291        45  7.8   4.0   2.2 1.07 0.51 0.84 25.2        14.5        0.750
## 293        50  4.6   3.3   0.4 0.46 0.66 0.58 12.0        14.7        0.632
## 294        67  9.6   3.1   1.9 0.93 0.36 1.28 32.4        14.3        0.726
## 295        37  2.5   1.8   0.5 0.27 0.30 0.41 12.1        11.9        0.533
## 296        20 21.2   4.8   5.0 1.20 0.50 2.55 33.5        29.8        0.783
## 297        20 21.2   4.8   5.0 1.20 0.50 2.55 33.5        29.8        0.783
## 298        20 21.2   4.8   5.0 1.20 0.50 2.55 33.5        29.8        0.783
## 299        43 10.0   6.1   2.1 0.93 0.60 1.28 26.9        17.5        0.775
## 300        27 19.0   8.4   4.1 1.44 0.59 2.63 31.1        22.9        0.844
## 301        71  7.0   6.8   2.5 0.80 0.45 1.17 31.6         9.6        0.848
## 302        59 10.4   3.4   2.9 0.90 0.15 1.36 25.6        20.4        0.800
## 303        55 15.4   6.0   1.3 1.04 0.76 1.27 30.7        22.1        0.695
## 306        60  8.4   2.4   3.6 0.60 0.27 1.00 18.0        19.8        0.893
## 307        63 10.1   3.4   3.2 0.75 0.14 1.63 23.6        23.2        0.682
## 309        69  8.6   7.9   1.9 0.68 1.78 1.22 26.7        13.4        0.508
## 311        51 12.0   1.8   1.9 0.51 0.18 1.00 19.4        25.0        0.882
## 314        58  5.9   4.1   1.1 0.60 0.52 0.69 16.6        13.2        0.782
## 315        42 19.6   3.0   1.8 1.12 0.19 1.83 30.4        24.2        0.865
## 317        12  8.1   2.8   0.6 0.67 0.67 0.92 18.2        19.4        0.889
## 318        12  8.1   2.8   0.6 0.67 0.67 0.92 18.2        19.4        0.889
## 319        12  8.1   2.8   0.6 0.67 0.67 0.92 18.2        19.4        0.889
## 320        29 10.1   3.7   2.4 0.69 0.52 1.24 23.7        19.7        0.837
## 321        29 10.1   3.7   2.4 0.69 0.52 1.24 23.7        19.7        0.837
## 322        29 10.1   3.7   2.4 0.69 0.52 1.24 23.7        19.7        0.837
## 323        66  7.7   2.4   1.8 0.56 0.14 0.80 19.2        16.7        0.889
## 324        64 11.4   2.1   2.0 0.47 0.19 0.91 19.4        25.6        0.891
## 325        71 24.1  10.2   6.0 0.90 0.25 3.38 37.6        29.3        0.811
## 326        26 11.2   4.0   1.3 1.27 0.35 1.31 28.9        19.3        0.817
## 327        70 11.2   4.6   1.0 0.49 1.07 0.99 19.2        22.5        0.693
## 328        59 12.1   3.3   2.6 1.03 0.41 1.34 30.3        18.4        0.917
```

```
## 329      21  7.3  2.2  2.0 0.57 0.00 1.05 21.1        16.5        0.714
## 330      15  8.7  2.3  2.6 1.20 0.13 0.93 26.9        14.2        0.706
## 331      72 13.1  3.5  1.8 0.60 0.28 1.13 31.4        16.6        0.827
## 332      31  8.3  8.1  0.5 1.13 1.45 0.84 27.5        11.8        0.491
## 333      61  8.7  5.6  1.8 0.85 0.61 1.85 23.4        17.7        0.744
## 334      27  3.9  2.0  3.5 0.70 0.07 1.44 14.9        16.2        0.500
## 335      27  3.9  2.0  3.5 0.70 0.07 1.44 14.9        16.2        0.500
## 336      18  7.6  3.1  5.8 0.94 0.11 2.22 20.4        18.3        1.000
## 339      15 14.2  1.9  4.2 1.20 0.27 1.93 22.8        30.1        0.840
## 340      15 14.2  1.9  4.2 1.20 0.27 1.93 22.8        30.1        0.840
## 341      35 14.9  2.9  4.2 0.89 0.43 1.40 26.8        24.3        0.883
## 343      35 14.9  2.9  4.2 0.89 0.43 1.40 26.8        24.3        0.883
## 344      46 15.6  3.4  2.4 1.02 0.46 1.59 29.3        24.1        0.870
## 345      69 20.4  4.4  4.2 1.25 0.38 1.87 34.5        24.4        0.817
## 346      68  8.6  3.3  6.4 1.46 0.06 1.63 26.1        16.0        0.867
## 350      61  9.3  1.8  1.6 0.52 0.16 0.79 23.0        16.7        0.846
## 351      56 21.4  7.2  4.5 1.14 0.68 2.32 35.8        26.4        0.827
## 352      58 14.3  7.2  6.9 1.60 0.60 2.98 32.4        20.2        0.613
## 353      64  7.8  2.2  1.4 0.28 0.13 0.67 17.3        18.3        0.807
## 354      48 13.1  3.5  5.7 1.50 0.50 2.00 32.9        18.4        0.790
## 355      20  7.3  2.7  3.7 1.00 0.70 1.25 19.6        18.8        0.700
## 356      20  7.3  2.7  3.7 1.00 0.70 1.25 19.6        18.8        0.700
## 357      20  7.3  2.7  3.7 1.00 0.70 1.25 19.6        18.8        0.700
## 358      44  6.7  3.4  3.9 0.73 0.30 0.93 21.0        15.8        0.576
## 359      47  5.3  2.4  1.3 0.28 0.23 0.45 21.1         8.6        1.000
## 360      40  4.1  2.4  0.6 0.43 0.33 0.58 12.5        15.9        0.725
## 361      68  7.9  6.7  0.9 0.56 1.26 0.99 21.4        15.5        0.696
## 362      39  6.1  1.1  0.6 0.28 0.05 0.21 13.0        18.3        0.667
## 363      70 11.3  5.3  2.5 1.21 0.51 1.41 29.2        16.4        0.694
## 365      56  7.6  2.8  2.2 0.77 0.52 1.02 27.3        13.0        0.800
## 366      42  9.5  5.2  1.6 0.60 1.02 0.98 24.5        15.0        0.687
## 367      23 10.0  5.9  1.8 0.70 0.61 1.09 24.9        16.8        0.651
## 368      54  7.6  8.1  1.2 0.44 0.61 1.15 23.8        14.8        0.592
## 369      65  3.9  1.9  1.0 1.62 1.09 0.49 20.0         9.4        0.444
## 371      53  5.7  4.4  2.8 0.77 0.49 1.17 20.9        11.0        0.710
## 372      50 24.8 10.6  4.5 0.76 1.14 3.20 33.8        29.1        0.859
## 373      41 15.0  2.2  1.4 0.90 0.15 0.76 30.8        20.1        0.773
## 374      17 16.2  3.6  1.3 1.12 0.24 0.71 31.8        22.9        0.806
## 375      32  4.4  4.6  1.4 0.88 0.56 1.03 30.0         7.7        0.783
## 376      20  2.6  2.8  0.8 0.50 0.10 0.35 19.8         5.8        0.600
## 377      47 12.6  6.5  1.0 0.85 3.38 1.43 31.0        16.4        0.782
## 381      50  4.8  1.1  1.3 0.42 0.04 0.68 13.1        19.1        0.870
## 382      63  6.0  3.4  1.2 0.54 0.33 0.48 19.2        12.9        0.769
## 383      25  7.1  2.9  1.3 0.88 0.32 0.84 15.0        18.3        0.788
## 386      43 19.3  4.0  4.9 1.12 0.28 2.05 31.8        26.1        0.899
## 387      40 20.6  3.2  6.9 1.05 0.78 3.53 32.2        31.7        0.749
## 388      39  4.7  1.7  2.5 0.67 0.15 0.95 16.0        16.0        0.893
## 389      39  4.7  1.7  2.5 0.67 0.15 0.95 16.0        16.0        0.893
## 390      22  6.9  1.8  3.4 0.73 0.23 1.55 19.5        18.1        0.889
## 391      22  6.9  1.8  3.4 0.73 0.23 1.55 19.5        18.1        0.889
## 393      50  4.4  3.2  0.8 0.52 0.40 0.38 14.5        12.7        0.828
## 394      65 22.2 11.5 11.7 1.35 0.35 4.80 36.4        30.3        0.656
## 396      36 15.4  3.0  3.5 0.72 1.00 1.25 29.5        22.4        0.851
## 397      36  8.1  6.0  0.6 0.25 1.28 1.11 15.2        23.5        0.519
```

335

```
## 398          71 18.6   4.9   2.4 0.93 0.99 1.76 33.3        23.3        0.714
## 399          63  4.7   2.8   1.0 0.51 0.37 0.89 18.1        12.3        0.588
## 400          66  8.0   4.1   2.3 0.86 0.26 1.15 21.6        15.3        0.571
## 403          61 27.0   7.2   3.7 0.93 0.64 2.74 33.2        29.8        0.698
## 404          71  9.2   4.6   1.4 0.90 0.65 1.38 27.9        14.9        0.728
## 406          39 11.5   5.8   0.7 0.28 0.92 1.54 21.4        23.8        0.628
## 408          36 10.4   4.6   5.0 1.58 0.53 1.33 29.2        15.8        0.789
## 409          27 10.0   3.9   3.6 1.56 0.37 1.30 25.8        17.1        0.833
## 410          68 12.1   6.2   4.3 1.09 0.59 2.00 24.3        22.3        0.628
## 411          63 25.3   3.9   9.4 0.84 0.17 4.14 33.7        33.0        0.886
## 412          48  9.4   6.8   1.8 0.56 0.35 1.06 20.9        18.3        0.714
## 413          72  9.0   7.2   1.3 0.33 0.86 1.13 22.3        15.2        0.789
##      three-point % effective shooting % True shooting % Versatility_Index
## 1          0.000                 0.544            0.550                 6.7
## 2          0.000                 0.614            0.596                 7.3
## 4          0.360                 0.518            0.545                 7.3
## 5          0.347                 0.502            0.522                 7.7
## 6          0.391                 0.547            0.586                 6.7
## 7          0.000                 0.677            0.730                 8.8
## 8          0.000                 0.677            0.730                 8.8
## 11         0.316                 0.616            0.649                 8.0
## 12         0.316                 0.616            0.649                 8.0
## 13         0.360                 0.540            0.578                 9.3
## 14         0.303                 0.600            0.633                14.8
## 15         0.409                 0.506            0.548                 6.5
## 17         0.398                 0.581            0.606                 6.9
## 18         0.373                 0.526            0.541                 7.1
## 19         0.373                 0.526            0.541                 7.1
## 20         0.373                 0.526            0.541                 7.1
## 21         0.380                 0.497            0.542                 6.1
## 22         0.386                 0.536            0.604                 8.6
## 23         0.315                 0.502            0.515                 5.7
## 24         0.200                 0.629            0.653                 7.8
## 25         0.343                 0.542            0.554                 7.3
## 26         0.352                 0.504            0.539                11.5
## 28         0.322                 0.535            0.556                 8.4
## 29         0.432                 0.586            0.600                 6.5
## 30         0.391                 0.575            0.626                 7.9
## 31         0.401                 0.500            0.535                 7.7
## 32         0.381                 0.507            0.538                 7.0
## 33         0.406                 0.597            0.617                 6.4
## 34         0.406                 0.597            0.617                 6.4
## 35         0.408                 0.545            0.564                 6.8
## 36         0.290                 0.456            0.491                 7.2
## 37         0.349                 0.532            0.593                 9.7
## 38         0.399                 0.547            0.570                 7.2
## 39         0.264                 0.544            0.570                 6.8
## 40         0.264                 0.544            0.570                 6.8
## 42         0.380                 0.530            0.566                 6.3
## 43         0.190                 0.459            0.517                 6.3
## 44         0.290                 0.582            0.596                 7.3
## 45         0.253                 0.479            0.523                 7.6
## 46         0.000                 0.587            0.574                 6.2
## 47         0.000                 0.587            0.574                 6.2
```

```
## 49      0.370      0.543      0.550      8.0
## 50      0.341      0.503      0.532      7.3
## 51      0.277      0.451      0.461      4.7
## 52      0.340      0.533      0.587      9.1
## 55      0.270      0.395      0.409      4.9
## 56      0.000      0.680      0.683      8.2
## 57      0.000      0.656      0.676      8.1
## 58      0.400      0.596      0.625      7.5
## 59      0.425      0.644      0.668      6.1
## 60      0.388      0.527      0.561     10.1
## 61      0.344      0.481      0.515      6.5
## 62      0.304      0.449      0.471      6.5
## 63      0.333      0.600      0.616      5.4
## 64      0.288      0.576      0.604      7.6
## 65      0.398      0.558      0.586      9.2
## 66      0.000      0.543      0.570      4.6
## 68      0.405      0.588      0.618      8.5
## 69      0.429      0.698      0.704      7.5
## 71      0.354      0.510      0.544      5.4
## 72      0.415      0.522      0.564      7.9
## 73      0.245      0.514      0.607     12.1
## 74      0.410      0.552      0.590      5.2
## 75      0.352      0.502      0.558      6.5
## 77      0.364      0.528      0.578      9.3
## 78      0.241      0.510      0.549      8.3
## 79      0.371      0.547      0.548      6.5
## 80      0.246      0.417      0.449      8.5
## 82      0.260      0.537      0.560      7.5
## 83      0.287      0.424      0.439      4.7
## 84      0.347      0.522      0.549      8.5
## 85      0.399      0.610      0.645      7.4
## 86      0.412      0.552      0.589      9.5
## 88      0.336      0.469      0.511     11.1
## 89      0.336      0.469      0.511     11.1
## 91      0.336      0.469      0.511     11.1
## 92      0.421      0.579      0.597     10.2
## 93      0.421      0.579      0.597     10.2
## 94      0.421      0.579      0.597     10.2
## 95      0.421      0.579      0.597     10.2
## 96      0.379      0.533      0.553      5.7
## 97      0.364      0.478      0.480      6.3
## 98      0.369      0.588      0.603      6.9
## 99      0.389      0.555      0.574      6.7
## 100     0.245      0.449      0.476      6.1
## 101     0.450      0.582      0.607      6.0
## 102     0.421      0.605      0.655     11.8
## 103     0.260      0.512      0.556     10.0
## 105     0.361      0.519      0.537      6.7
## 106     0.372      0.549      0.570      7.4
## 107     0.257      0.505      0.591     10.2
## 108     0.293      0.502      0.536      8.9
## 110     0.479      0.625      0.682      8.5
## 111     0.318      0.591      0.648      9.0
## 112     0.379      0.528      0.542      8.3
```

```
## 113      0.343      0.475      0.513       5.9
## 114      0.315      0.484      0.503       6.8
## 116      0.000      0.531      0.554       8.9
## 117      0.450      0.608      0.666      12.4
## 119      0.422      0.612      0.625       5.4
## 120      0.377      0.545      0.636      12.1
## 122      0.000      0.638      0.663       6.8
## 123      0.394      0.600      0.609       5.6
## 124      0.321      0.452      0.483       7.7
## 125      0.388      0.560      0.604       7.9
## 128      0.000      0.690      0.700       6.4
## 129      0.000      0.681      0.696       6.8
## 130      0.406      0.542      0.613       7.3
## 131      0.395      0.517      0.547       7.7
## 132      0.381      0.505      0.532       7.9
## 133      0.411      0.557      0.598      11.0
## 134      0.200      0.636      0.661       5.6
## 135      0.418      0.571      0.623      10.3
## 137      0.375      0.509      0.537      10.1
## 138      0.266      0.541      0.564       7.3
## 141      0.350      0.491      0.556       7.8
## 142      0.405      0.572      0.581       5.6
## 143      0.270      0.492      0.530       9.7
## 144      0.399      0.568      0.590       6.8
## 146      0.412      0.590      0.624       6.1
## 147      0.160      0.473      0.490       5.4
## 148      0.315      0.453      0.491       8.0
## 149      0.315      0.453      0.491       8.0
## 151      0.383      0.574      0.610       9.0
## 152      0.328      0.513      0.549       6.0
## 153      0.409      0.569      0.585       7.9
## 154      0.319      0.482      0.511       8.6
## 155      0.391      0.560      0.589       6.5
## 156      0.366      0.551      0.619      14.4
## 157      0.366      0.551      0.619      14.4
## 160      0.247      0.480      0.526       4.9
## 161      0.000      0.622      0.650       7.9
## 163      0.364      0.429      0.485       5.4
## 164      0.475      0.654      0.663       5.9
## 165      0.394      0.556      0.597       9.5
## 166      0.333      0.593      0.620      11.2
## 167      0.333      0.593      0.620      11.2
## 168      0.326      0.532      0.568       7.7
## 169      0.429      0.636      0.675       6.7
## 170      0.278      0.403      0.422       7.1
## 171      0.415      0.537      0.584       9.2
## 173      0.391      0.548      0.567       7.6
## 175      0.386      0.600      0.630       6.5
## 176      0.391      0.500      0.545       6.0
## 177      0.391      0.500      0.545       6.0
## 178      0.321      0.471      0.496       4.6
## 181      0.382      0.551      0.571       5.3
## 182      0.182      0.638      0.669       8.0
## 183      0.298      0.425      0.436       4.6
```

```
## 184          0.310          0.432          0.500          4.4
## 185          0.368          0.528          0.538          9.8
## 186          0.282          0.497          0.537          8.0
## 187          0.250          0.596          0.610          8.7
## 188          0.363          0.528          0.541          6.7
## 189          0.326          0.546          0.603          7.0
## 190          0.339          0.563          0.585          8.8
## 191          0.330          0.504          0.519          6.2
## 192          0.451          0.652          0.672          8.4
## 193          0.381          0.531          0.584          9.7
## 194          0.402          0.576          0.614         10.5
## 195          0.407          0.561          0.598          5.8
## 196          0.300          0.472          0.515          8.0
## 197          0.433          0.554          0.576          8.0
## 199          0.349          0.541          0.563          5.9
## 200          0.250          0.514          0.526          7.1
## 204          0.328          0.479          0.519          6.2
## 205          0.328          0.479          0.519          6.2
## 208          0.316          0.554          0.576          4.7
## 209          0.250          0.664          0.691          7.0
## 210          0.321          0.485          0.511          8.2
## 211          0.000          0.760          0.733          8.2
## 213          0.330          0.506          0.534          6.3
## 214          0.330          0.506          0.534          6.3
## 218          0.446          0.597          0.608          6.8
## 219          0.410          0.580          0.606          5.6
## 220          0.375          0.576          0.608          7.2
## 221          0.375          0.520          0.544          6.3
## 222          0.250          0.534          0.534          6.8
## 223          0.250          0.534          0.534          6.8
## 225          0.361          0.533          0.546          7.4
## 226          0.406          0.529          0.587          7.1
## 227          0.419          0.596          0.634         10.0
## 228          0.295          0.557          0.577          4.8
## 229          0.397          0.608          0.636          6.4
## 230          0.348          0.490          0.536          8.4
## 232          0.263          0.629          0.643          7.4
## 233          0.263          0.629          0.643          7.4
## 234          0.398          0.568          0.622         11.1
## 235          0.349          0.490          0.516         11.2
## 236          0.318          0.493          0.535          9.4
## 238          0.391          0.554          0.623         10.8
## 239          0.350          0.551          0.589          5.5
## 240          0.235          0.558          0.575          7.3
## 241          0.338          0.577          0.611          5.2
## 242          0.278          0.640          0.663          6.3
## 243          0.365          0.522          0.556          9.8
## 244          0.396          0.546          0.593         10.0
## 245          0.350          0.556          0.574          5.7
## 246          0.418          0.563          0.603          7.3
## 247          0.402          0.595          0.620          6.2
## 249          0.365          0.564          0.590          6.4
## 250          0.248          0.436          0.465          6.7
## 251          0.276          0.484          0.500          6.8
```

```
## 252      0.384           0.570           0.635           3.6
## 253      0.335           0.484           0.517           3.9
## 254      0.301           0.498           0.531           7.9
## 255      0.402           0.554           0.577           8.8
## 257      0.333           0.530           0.554           6.4
## 258      0.364           0.545           0.552           5.0
## 259      0.388           0.616           0.635           6.3
## 260      0.250           0.533           0.554           9.1
## 261      0.000           0.478           0.498           7.2
## 262      0.458           0.607           0.619           6.6
## 263      0.359           0.481           0.502           7.4
## 264      0.331           0.480           0.500           5.7
## 265      0.368           0.539           0.559           4.2
## 266      0.412           0.548           0.568           8.2
## 267      0.351           0.545           0.571           7.4
## 268      0.414           0.546           0.588          10.4
## 269      0.343           0.537           0.565           8.2
## 270      0.374           0.543           0.569           5.7
## 271      0.350           0.503           0.549           7.8
## 272      0.386           0.520           0.569          10.1
## 273      0.401           0.540           0.569           7.4
## 274      0.314           0.500           0.523           6.4
## 276      0.311           0.491           0.509           6.7
## 277      0.381           0.547           0.574           6.3
## 278      0.317           0.485           0.509          10.6
## 279      0.408           0.559           0.592           8.4
## 281      0.419           0.569           0.605           6.5
## 282      0.360           0.546           0.557           7.4
## 286      0.000           0.612           0.636           4.7
## 287      0.333           0.499           0.528           6.9
## 288      0.381           0.578           0.596           6.7
## 289      0.270           0.528           0.559           5.8
## 291      0.348           0.492           0.511           6.5
## 293      0.000           0.644           0.655           6.1
## 294      0.290           0.476           0.514           4.7
## 295      0.240           0.438           0.448           4.3
## 296      0.320           0.471           0.508           9.5
## 297      0.320           0.471           0.508           9.5
## 298      0.320           0.471           0.508           9.5
## 299      0.318           0.533           0.549           7.5
## 300      0.392           0.621           0.674          11.2
## 301      0.385           0.580           0.599           6.2
## 302      0.306           0.458           0.488           7.3
## 303      0.316           0.501           0.529           6.4
## 306      0.440           0.576           0.602           9.3
## 307      0.286           0.455           0.478           8.1
## 309      0.000           0.616           0.612           7.6
## 311      0.351           0.535           0.581           7.1
## 314      0.238           0.631           0.688           7.2
## 315      0.439           0.602           0.645           6.2
## 317      0.351           0.493           0.565           5.2
## 318      0.351           0.493           0.565           5.2
## 319      0.351           0.493           0.565           5.2
## 320      0.415           0.496           0.532           7.6
```

```
## 321          0.415          0.496          0.532          7.6
## 322          0.415          0.496          0.532          7.6
## 323          0.411          0.562          0.582          6.7
## 324          0.389          0.497          0.557          7.5
## 325          0.411          0.516          0.567         12.1
## 326          0.262          0.428          0.488          5.4
## 327          0.351          0.576          0.599          7.8
## 328          0.330          0.498          0.537          6.2
## 329          0.364          0.533          0.545          6.0
## 330          0.375          0.541          0.558          5.6
## 331          0.408          0.614          0.628          5.5
## 332          0.000          0.653          0.642          4.7
## 333          0.294          0.520          0.555          7.6
## 334          0.378          0.477          0.478          8.1
## 335          0.378          0.477          0.478          8.1
## 336          0.432          0.576          0.609         10.1
## 339          0.333          0.465          0.517          8.5
## 340          0.333          0.465          0.517          8.5
## 341          0.411          0.530          0.565          8.5
## 343          0.411          0.530          0.565          8.5
## 344          0.337          0.485          0.530          6.9
## 345          0.389          0.548          0.576          8.4
## 346          0.308          0.454          0.516          8.7
## 350          0.387          0.549          0.578          5.2
## 351          0.297          0.493          0.547          9.9
## 352          0.300          0.560          0.584         11.0
## 353          0.427          0.569          0.589          6.7
## 354          0.330          0.489          0.539          7.8
## 355          0.345          0.485          0.504          8.5
## 356          0.345          0.485          0.504          8.5
## 357          0.345          0.485          0.504          8.5
## 358          0.367          0.465          0.473          8.5
## 359          0.569          0.696          0.708          4.8
## 360          0.160          0.471          0.521          5.8
## 361          0.333          0.578          0.597          6.8
## 362          0.338          0.588          0.597          4.9
## 363          0.308          0.553          0.575          7.3
## 365          0.335          0.503          0.525          5.3
## 366          0.347          0.609          0.625          7.0
## 367          0.281          0.567          0.584          7.6
## 368          0.000          0.518          0.540          7.1
## 369          0.301          0.508          0.508          3.9
## 371          0.402          0.667          0.676          7.9
## 372          0.387          0.555          0.612         12.5
## 373          0.397          0.530          0.550          4.7
## 374          0.355          0.479          0.501          5.3
## 375          0.314          0.469          0.500          4.1
## 376          0.394          0.533          0.539          3.6
## 377          0.335          0.557          0.599          5.6
## 381          0.309          0.476          0.498          5.8
## 382          0.366          0.556          0.573          6.0
## 383          0.310          0.561          0.614          8.0
## 386          0.360          0.514          0.559          9.1
## 387          0.317          0.458          0.503          9.6
```

```
## 388        0.213             0.390             0.468             6.8
## 389        0.213             0.390             0.468             6.8
## 390        0.125             0.440             0.518             7.1
## 391        0.125             0.440             0.518             7.1
## 393        0.400             0.539             0.565             6.2
## 394        0.315             0.474             0.509            15.8
## 396        0.346             0.503             0.550             7.4
## 397        0.000             0.563             0.566             8.1
## 398        0.380             0.543             0.568             7.2
## 399        0.372             0.534             0.546             5.2
## 400        0.444             0.596             0.599             7.8
## 403        0.294             0.616             0.649            10.8
## 404        0.391             0.534             0.562             5.6
## 406        0.316             0.535             0.552             6.7
## 408        0.348             0.517             0.562             8.5
## 409        0.398             0.536             0.563             8.1
## 410        0.267             0.567             0.577            11.3
## 411        0.343             0.499             0.589            11.6
## 412        0.143             0.565             0.599             9.3
## 413        0.250             0.654             0.693             7.9
##      Offensive Rating Defensive rating Player.Efficiency.Rating win.shares
## 1              106.8            99.7                     15.1        0.9
## 2              119.7           107.8                     15.9        1.7
## 4              107.3           110.0                     15.2        0.7
## 5              100.5           106.5                     12.0        0.2
## 6              115.3           109.9                     14.0        1.1
## 7              134.4           106.6                     22.5        3.1
## 8              134.4           106.6                     21.3        1.4
## 11             124.4           111.2                     21.3        1.4
## 12             124.4           111.2                     23.5        1.7
## 13             117.2           106.7                     17.8        1.9
## 14             121.1           102.2                     28.3        4.3
## 15             111.4           111.1                     13.8        0.7
## 17             113.2           108.2                     14.7        1.5
## 18             117.6           105.3                     11.2        0.3
## 19             117.6           105.3                     11.2        0.3
## 20             117.6           105.3                     11.2        0.3
## 21             114.8           112.5                     10.8        0.8
## 22             118.2           115.2                     10.8        0.8
## 23             102.6           103.8                      8.9        0.5
## 24             127.1           102.8                     17.7        2.7
## 25             108.9           110.5                     13.9        0.3
## 26             107.3           104.2                     18.2        1.8
## 28             110.3           101.7                     23.4        0.4
## 29             114.7           107.5                     12.6        0.8
## 30             122.3           117.4                     15.7        2.0
## 31             106.2           104.7                     13.1        1.2
## 32             106.8           111.4                     11.6        0.9
## 33             124.1           107.9                     14.8        2.7
## 34             124.1           107.9                     14.8        2.7
## 35             101.3           100.5                     14.7        1.2
## 36              92.4           112.9                      9.6       -0.1
## 37             113.3           110.5                     24.8        2.5
## 38             108.8           115.0                     16.7        1.6
```

```
## 39            104.1            106.8                13.2         0.7
## 40            104.1            106.8                13.2         0.7
## 42            111.5            110.0                13.0         1.0
## 43            119.5            109.8                16.1         1.9
## 44            122.4            108.5                16.1         1.9
## 45            115.3             99.4                18.3         0.4
## 46            111.5            105.6                12.6         1.2
## 47            111.5            105.6                12.6         1.2
## 49            116.0             99.2                12.6         0.2
## 50            107.8            112.2                12.6         0.9
## 51             89.4            102.2                 5.0         0.1
## 52            110.1            107.6                17.2         1.4
## 55             83.7            112.1                10.4         0.3
## 56            143.8             99.8                20.3         0.5
## 57            122.2            106.7                20.3         0.5
## 58            115.5            108.2                12.0         1.1
## 59            131.0            110.7                16.3         3.1
## 60            113.0            112.1                18.3         2.5
## 61            101.2            104.0                10.3        -0.3
## 62             92.5            106.1                 5.4        -0.1
## 63            122.1            106.6                 5.4        -0.1
## 64            123.9            105.0                12.8         0.9
## 65            111.6            107.3                22.3         2.6
## 66            116.6            103.5                33.5         0.2
## 68            123.0            110.7                16.4         1.5
## 69            131.1            104.9                18.8         0.9
## 71            110.0            110.7                13.7         0.8
## 72            113.5            102.9                13.5         1.0
## 73            127.0            107.8                24.2         2.3
## 74            113.9            105.5                 9.8         1.3
## 75            116.1            105.9                12.1         0.8
## 77            114.8            100.9                17.1         1.2
## 78            111.8            106.0                17.1         1.2
## 79            115.1            106.7                 8.3         0.3
## 80             92.3            106.7                 8.2        -0.1
## 82            118.6            107.7                16.6         1.2
## 83             96.9            112.9                 5.3         0.2
## 84            108.9            105.2                19.0         2.3
## 85            124.3            104.1                19.3         3.0
## 86            122.3            104.6                19.8         2.9
## 88            101.7             97.7                15.1         1.0
## 89            101.7             97.7                15.1         1.0
## 91            101.7             97.7                15.1         1.0
## 92            106.1             92.0                15.1         1.0
## 93            106.1             92.0                15.1         1.0
## 94            106.1             92.0                15.1         1.0
## 95            106.1             92.0                15.1         1.0
## 96            112.2            107.8                10.0         0.9
## 97            112.3            101.2                11.6         0.4
## 98            121.2            102.9                11.6         0.4
## 99            112.9            106.4                11.5         1.3
## 100            95.3            106.6                10.7         0.1
## 101           117.7            107.7                14.1         1.7
## 102           118.8            108.6                25.6         4.3
```

```
## 103          110.0          103.1               24.7          3.3
## 105          100.6          107.2               11.2          0.3
## 106          106.5          111.0               11.2          0.3
## 107          121.6          110.7               21.7          3.5
## 108          105.8          104.3               15.9          1.2
## 110          126.8          102.2               18.6          1.2
## 111          125.2          103.7               18.6          1.2
## 112          111.1          107.3               12.7          1.4
## 113           99.9          109.3                9.5          0.4
## 114          103.5          107.8               13.6          0.7
## 116          106.1           89.5               20.9          0.7
## 117          121.4          109.3               25.1          2.6
## 119          117.8          112.5               12.8          0.9
## 120          120.8          100.1               30.8          4.3
## 122          136.6           94.2               20.6          2.4
## 123          123.5          109.4               11.0          1.0
## 124          102.9          109.5                4.5         -0.1
## 125          114.0          111.0               17.5          1.0
## 128          127.2           99.9               17.6          1.2
## 129          132.5          103.3               17.6          1.2
## 130          122.5          106.6               12.5          0.5
## 131          104.5          113.1               12.9          0.4
## 132          103.0          105.5               13.9          0.7
## 133          112.7          105.6               23.2          2.6
## 134          137.9           99.5               10.6          0.3
## 135          117.7          111.9               21.6          2.4
## 137          102.8          109.9               14.9          0.6
## 138          114.6          110.3               14.9          0.6
## 141          108.8          110.0               18.7          2.7
## 142          113.3          105.0                9.7          1.0
## 143          109.8          101.2               10.3          1.0
## 144          115.2          101.5               14.6          1.2
## 146          121.8          111.0               12.2          1.6
## 147          105.4          108.2                6.4          0.0
## 148          100.9          109.0               10.0          0.4
## 149          100.9          109.0               10.0          0.4
## 151          120.6          102.8               10.0          0.4
## 152          106.8          109.6               12.9          0.8
## 153          117.8          116.9               17.5          1.7
## 154          100.4          110.7                7.3          0.0
## 155          116.0          112.4               14.2          1.2
## 156          122.4          107.8               24.2          4.1
## 157          122.4          107.8               22.7          1.1
## 160          105.6          109.3                4.6          0.1
## 161          126.4          101.2               21.3          3.4
## 163           99.4          113.0                9.3          0.7
## 164          125.3          111.7               14.9          2.4
## 165          118.0          104.9               19.7          3.0
## 166          116.8           97.8               19.1          0.5
## 167          116.8           97.8               19.1          0.5
## 168          115.2          105.7               12.5          1.6
## 169          130.6          105.0               15.5          0.7
## 170           81.5          107.5               -1.4         -0.5
## 171          113.9          110.7               18.7          2.5
```

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```
## 173           108.5           113.9                    10.7           0.2
## 175           126.6           116.0                    16.0           1.1
## 176           104.4           106.6                    16.0           1.1
## 177           104.4           106.6                    16.0           1.1
## 178           103.5           108.3                     6.4           0.3
## 181           111.3           111.7                    12.4           2.2
## 182           129.5           106.7                    18.2           2.1
## 183            91.1           112.5                     5.0          -0.4
## 184           102.8           111.5                     5.0          -0.4
## 185           111.2           109.0                    17.6           1.2
## 186           102.6            99.7                    11.7           0.7
## 187           112.3            89.3                    13.9           0.9
## 188           112.1           108.5                    11.9           1.4
## 189           118.4           106.8                    17.5           1.8
## 190           118.4           105.3                    18.2           2.1
## 191           102.6           106.4                     8.9           0.6
## 192           128.2           105.6                    16.7           2.7
## 193           114.9           111.3                    20.4           2.8
## 194           121.0           109.3                    25.3           3.0
## 195           111.5           110.2                     1.5          -0.1
## 196            96.5           103.8                    12.2           0.1
## 197           116.1           106.6                    13.3           1.2
## 199           111.9           109.6                    13.2           1.5
## 200           104.1           102.1                    12.3           0.5
## 204           101.5           103.8                     9.6           0.6
## 205           101.5           103.8                     9.6           0.6
## 208           120.1           110.1                    11.3           1.1
## 209           130.0           109.0                     3.9           0.0
## 210           114.7           112.8                    14.2           1.0
## 211           126.5           104.9                    16.7           1.8
## 213           108.3           110.9                    10.8           0.4
## 214           108.3           110.9                    10.8           0.4
## 218           117.2           107.9                    10.8           1.1
## 219           122.8           108.1                    11.4           1.0
## 220           124.5           106.1                    13.3           0.7
## 221           107.7           106.0                     8.1           0.1
## 222           116.0           109.5                     3.7          -0.1
## 223           116.0           109.5                     3.7          -0.1
## 225           104.8           104.3                    13.1           1.5
## 226           118.8           106.5                    17.8           1.5
## 227           114.7           109.5                    22.7           3.1
## 228           107.0           112.2                    13.0           0.5
## 229           121.1           105.6                    11.2           1.4
## 230           111.5           106.0                     7.0           0.0
## 232           121.2           102.1                     4.3           0.0
## 233           121.2           102.1                    19.5           0.7
## 234           125.4           108.1                    27.5           4.1
## 235           107.6           110.5                    19.1           0.6
## 236           106.4           109.2                    19.1           0.6
## 238           124.8           116.1                    27.1           4.5
## 239           120.1           111.9                    16.3           0.4
## 240           129.7           101.9                    13.9           1.1
## 241           120.2           107.6                    13.4           1.8
## 242           123.7           110.2                    15.0           1.1
```

```
## 243         107.4         110.2                    11.2         0.0
## 244         116.9         108.0                    16.3         2.2
## 245         115.5         111.2                    11.6         0.4
## 246         124.6         103.8                    11.2         0.8
## 247         115.3         109.7                    17.2         1.0
## 249         116.7         109.6                     9.1         0.0
## 250          98.6         107.6                    11.9         0.4
## 251         106.0         109.4                    13.5         0.3
## 252         129.4         107.7                    13.9         0.9
## 253         105.9         104.7                     8.2         1.0
## 254         109.6         104.3                    13.4         0.6
## 255         120.0         114.9                    26.4         2.1
## 257         106.5         105.0                     7.2         0.0
## 258         107.7         108.0                     8.0         0.1
## 259         120.8         111.9                    13.8         1.4
## 260         102.8          97.8                    16.5         0.3
## 261          97.3          87.2                    16.5         0.3
## 262         120.1         110.6                    11.1         0.1
## 263         110.0         114.1                    13.1         0.3
## 264          94.8         109.3                     8.6         0.1
## 265         104.0         102.7                     8.6         0.1
## 266         109.2         105.5                    15.6         0.5
## 267         108.6         107.2                    20.3         0.1
## 268         115.5         107.1                    20.1         3.4
## 269         116.0         104.2                    17.0         2.0
## 270         110.7         113.7                    14.7         1.5
## 271         108.4         104.4                    15.3         1.2
## 272         114.8         105.4                    18.9         2.7
## 273         107.6         112.5                    13.0         0.5
## 274         102.9         107.0                     8.7         0.1
## 276         100.8         101.0                     8.9         0.7
## 277         120.9         114.1                    14.9         1.8
## 278         105.5         107.0                    16.4         1.5
## 279         116.2         111.1                    15.8         1.7
## 281         110.4         104.1                    14.8         0.4
## 282         108.8         108.5                    13.2         1.2
## 286         120.3          97.3                    14.3         1.3
## 287         106.8         110.3                    15.3         0.4
## 288         110.6         108.5                    12.3         0.4
## 289         115.1         109.2                    13.4         1.3
## 291         106.5         112.6                     9.4         0.3
## 293         123.6          96.7                    12.2         0.2
## 294         102.5         110.9                     5.6        -0.1
## 295          94.0         101.3                     3.2         0.0
## 296         100.3         111.6                    14.5         0.5
## 297         100.3         111.6                    16.0         0.5
## 298         100.3         111.6                    13.2         0.0
## 299         105.6         101.0                    12.0         1.1
## 300         123.1         105.0                    12.0         1.1
## 301         120.0         102.1                    10.5         2.7
## 302         100.2         110.0                    11.2         0.6
## 303         103.3         106.8                    12.4         0.9
## 306         121.3         105.5                    13.5         0.6
## 307          98.9         104.6                    11.9         0.5
```

```
## 309          123.1          105.3              16.5          1.8
## 311          111.2          107.7              14.6          0.3
## 314          135.6           99.8              12.7          0.7
## 315          117.1          110.5              15.3          1.6
## 317          105.0          106.0              11.7          0.6
## 318          105.0          106.0              11.7          0.2
## 319          105.0          106.0              11.7          0.4
## 320          105.6          109.7              11.7          0.6
## 321          105.6          109.7              11.7          0.2
## 322          105.6          109.7              11.7          0.4
## 323          116.3          109.1              11.9          0.9
## 324          113.4          103.9              18.4          1.6
## 325          110.9          100.3              20.7          3.6
## 326           99.1          106.2               9.3          0.4
## 327          114.3          104.2              18.9          1.5
## 328          108.6          109.9              11.0          0.6
## 329          105.2          105.8               9.7          0.6
## 330          112.7          108.2               9.7          0.6
## 331          112.8          107.4               8.8          0.9
## 332          130.5           99.5              17.5          3.0
## 333          101.4          103.8              16.2          1.3
## 334           97.5          108.6               8.9          0.0
## 335           97.5          108.6               8.9          0.0
## 336          118.0          105.9               8.9          0.0
## 339          103.8          111.4              17.4          0.4
## 340          103.8          111.4              17.0          0.2
## 341          115.1          109.0              17.3          0.5
## 343          115.1          109.0              17.0          0.2
## 344          103.0          111.0              12.6          0.6
## 345          113.3          111.8              18.3          2.4
## 346          113.1          110.1              11.2          0.5
## 350          112.5          112.3               9.1          0.3
## 351          110.6          107.4              17.6          2.1
## 352          114.0          100.2              19.9          2.8
## 353          116.5          111.5              12.7          0.6
## 354          113.2          108.7              14.6          1.2
## 355          106.0          106.6               8.5          0.0
## 356          106.0          106.6               7.0          0.0
## 357          106.0          106.6               9.3          0.0
## 358          105.1          109.1              10.6          0.1
## 359          134.7          110.2               7.3          0.2
## 360          103.0          106.0               9.2          0.1
## 361          117.0          100.8              14.1          1.1
## 362          115.4          107.7              13.8          0.6
## 363          113.9          107.1              13.4          2.0
## 365          105.0          108.4               9.6          0.9
## 366          122.0          103.6              15.5          1.9
## 367          115.7          106.4              15.5          1.9
## 368          114.5          105.4              13.6          1.3
## 369          103.6          100.2               9.1          0.8
## 371          120.7          102.4              12.4          0.9
## 372          116.4          105.4              23.9          1.1
## 373          112.0          116.4              14.0          1.4
## 374          100.3          112.7              14.0          1.4
```

```
## 375              99.0             109.3                       5.5      0.8
## 376             119.1             107.4                       5.5      0.8
## 377             111.4             104.4                      17.0      2.4
## 381              97.8             103.0                       5.5     -0.3
## 382             115.5             111.0                       6.1      0.0
## 383             116.4              97.0                      15.4      0.6
## 386             113.5             112.6                      14.2      0.3
## 387              99.3             116.4                      17.3      0.7
## 388              99.5             106.2                       9.2      0.6
## 389              99.5             106.2                       9.2      0.6
## 390             104.6             108.3                       9.2      0.6
## 391             104.6             108.3                       9.2      0.6
## 393             116.4             107.6                      11.1      0.4
## 394             104.1             104.3                      14.4     -0.4
## 396             110.6             108.7                      15.0      0.3
## 397             106.8             103.2                      22.2      0.8
## 398             107.4             108.7                      14.0      1.2
## 399             104.0             101.9                       8.0      0.6
## 400             115.4             106.2                      13.4      1.2
## 403             123.4             109.8                      27.0      3.9
## 404             104.6             109.1                       9.8      0.7
## 406              99.5              98.3                      15.1      0.5
## 408             119.1             110.5                      16.6      2.3
## 409             114.9             115.4                      16.6      2.3
## 410             115.3             104.5                      18.5      1.8
## 411             116.9             111.9                      22.9      3.1
## 412             121.8             101.5                      18.2      1.2
## 413             134.5             101.0                      20.5      2.8
##      Box.Plus.Minus Value.Over.Replacement   Salary
## 1              -3.0                   -0.1  2711280
## 2              -1.1                    0.2 17073171
## 4              -0.7                    0.2  2641691
## 5              -2.5                   -0.1  3261480
## 6               0.5                    0.3  4054695
## 7               2.7                    0.9 20000000
## 8               1.9                    0.3 20000000
## 11              1.9                    0.3 20000000
## 12              3.4                    0.6 20000000
## 13              2.9                    0.8  9937150
## 14              7.2                    2.1 39344970
## 15             -3.1                   -0.2  2641691
## 17              1.1                    0.5 16071429
## 18             -1.6                    0.0   586136
## 19             -1.6                    0.0   586136
## 20             -1.6                    0.0   586136
## 21             -2.2                    0.0  7000000
## 22             -2.2                    0.0  7000000
## 23             -3.5                   -0.2  4692840
## 24             -0.8                    0.2 12632950
## 25             -4.6                   -0.4 11312114
## 26              2.8                    0.9  8231760
## 28              2.3                    0.1  7568742
## 29             -1.5                    0.1  2033160
## 30              0.1                    0.5 20284091
```

```
## 31        -2.2            0.0  8623920
## 32        -2.2            0.0 15384615
## 33         2.0            0.8 12213507
## 34         2.0            0.8 12213507
## 35         1.5            0.4  2401537
## 36        -4.0           -0.4  2513040
## 37         4.9            1.5 34502130
## 38         0.5            0.6 14391964
## 39         0.2            0.1  2541217
## 40         0.2            0.1  2541217
## 42        -0.1            0.3  2824320
## 43        -1.2            0.1  6350000
## 44        -1.2            0.1  6350000
## 45         0.1            0.1  3098400
## 46        -2.9           -0.1  1366392
## 47        -2.9           -0.1  1366392
## 49        -3.4           -0.1  2089448
## 50        -2.1            0.0 18125000
## 51        -6.2           -0.2  1729217
## 52        -0.9            0.2 31610000
## 55        -3.2           -0.1  2641691
## 56         1.3            0.1  1789256
## 57         1.3            0.1  1789256
## 58        -2.1            0.0  5421493
## 59         2.5            1.0  5557725
## 60         2.0            1.0 21700000
## 61        -5.6           -0.6 12200000
## 62        -6.3           -0.2  5170564
## 63        -6.3           -0.2  5170564
## 64        -2.8           -0.1  4736102
## 65         4.4            1.4 24830357
## 66         9.1            0.1  1701593
## 68        -0.6            0.2  1802057
## 69         0.4            0.2  8730159
## 71        -0.4            0.2  3333333
## 72         0.5            0.3  9536000
## 73         5.8            1.0 36016200
## 74        -1.7            0.1 13038862
## 75        -1.3            0.1  3804150
## 77        -1.4            0.1  6920027
## 78        -1.4            0.1  6920027
## 79        -1.3            0.0  3833333
## 80        -5.7           -0.2  3000000
## 82        -0.3            0.2  2726880
## 83        -5.5           -0.5   377645
## 84         3.0            1.0 12420000
## 85         1.8            0.8 23000000
## 86         4.1            1.0 21000000
## 88         0.4            0.3   759106
## 89         0.4            0.3   759106
## 91         0.4            0.3   759106
## 92         0.4            0.3   759106
## 93         0.4            0.3   759106
## 94         0.4            0.3   759106
```

```
## 95                0.4                  0.3   759106
## 96               -1.7                  0.1 12975471
## 97               -0.2                  0.1  4878049
## 98               -0.2                  0.1  4878049
## 99                0.3                  0.4  9720900
## 100              -5.8                 -0.3  6395160
## 101              -0.4                  0.3  8186047
## 102               7.6                  2.4 45780966
## 103               6.4                  1.6 35361360
## 105              -3.3                 -0.1  4000000
## 106              -3.3                 -0.1  4000000
## 107               3.8                  1.2 26000000
## 108              -1.3                  0.1  5200000
## 110               2.0                  0.3  4000000
## 111               2.0                  0.3  4000000
## 112              -0.4                  0.3  4675830
## 113              -4.5                 -0.5  1782621
## 114              -0.8                  0.1  1910860
## 116              -0.3                  0.3  2401537
## 117               5.4                  1.2 40918900
## 119               0.0                  0.2  2641691
## 120               7.9                  1.9 31579390
## 122               2.6                  0.5  9720900
## 123              -0.9                  0.2  4000000
## 124              -8.1                 -0.2  2048040
## 125               0.5                  0.3 18139535
## 128               0.2                  0.2  1782621
## 129               0.2                  0.2  1782621
## 130              -2.6                 -0.1 20475000
## 131              -2.0                  0.0  7040880
## 132              -1.3                  0.1  5890000
## 133               5.4                  1.3 39344970
## 134              -2.9                  0.0  4910000
## 135               3.5                  1.0  5495532
## 137               0.6                  0.4 16409091
## 138               0.6                  0.4 16409091
## 141               2.6                  1.1 20000000
## 142              -1.2                  0.2 10000000
## 143              -1.1                  0.2 24026712
## 144              -1.7                  0.0  8292683
## 146              -1.4                  0.1  4500000
## 147              -5.2                 -0.2  2957520
## 148              -2.6                 -0.1 32405817
## 149              -2.6                 -0.1 32405817
## 151              -2.6                 -0.1 32405817
## 152              -3.0                 -0.1  4916160
## 153               2.3                  0.8  4023600
## 154              -5.6                 -0.2  2303040
## 155              -0.9                  0.2 21306816
## 156               5.8                  1.8 43848000
## 157               4.6                  0.5 43848000
## 160              -2.5                  0.0  4347600
## 161               2.3                  0.8  9720900
## 163              -3.6                 -0.2 20482143
```

```
## 164            0.5              0.6 17357143
## 165            2.8              1.1 36000000
## 166           -3.7             -0.1  3430810
## 167           -3.7             -0.1  3430810
## 168           -0.8              0.2 12000000
## 169           -2.0              0.0  5348280
## 170          -13.6             -0.4  5572680
## 171            1.8              0.9 29900000
## 173           -2.8             -0.2 22477273
## 175            0.4              0.2  4000000
## 176            0.4              0.2  4000000
## 177            0.4              0.2  4000000
## 178           -2.8             -0.1  2389641
## 181            0.5              0.6  6006420
## 182           -0.7              0.2 10384500
## 183           -8.0             -0.7  2239544
## 184           -8.0             -0.7  2239544
## 185            3.2              0.7 27000000
## 186           -1.6              0.1  9500000
## 187           -5.1             -0.4  2641691
## 188           -0.3              0.4  4253357
## 189            2.5              0.7  7775400
## 190            0.2              0.4  9742000
## 191           -0.4              0.2  2641691
## 192            4.1              1.0 14000000
## 193            3.1              1.2 29467800
## 194            5.3              1.3 34916200
## 195           -9.2             -0.1  3000000
## 196           -2.4             -0.1  5005350
## 197           -1.6              0.1 10384500
## 199            0.7              0.5  4437000
## 200           -0.1              0.2  2641691
## 204           -0.5              0.1   888616
## 205           -0.5              0.1   888616
## 208           -2.8             -0.1  9720900
## 209           -8.5             -0.1  1977011
## 210           -0.6              0.2  7522200
## 211            1.1              0.5 10517224
## 213           -3.5             -0.2  7310000
## 214           -3.5             -0.2  7310000
## 218           -2.2              0.0 12727273
## 219           -0.8              0.1  8750000
## 220           -0.6              0.1  2197674
## 221           -4.3             -0.2  4629630
## 222           -5.8              0.0   606702
## 223           -5.8              0.0   606702
## 225           -0.9              0.2 13000000
## 226            3.0              0.5 10500000
## 227            4.1              1.5 19500000
## 228           -2.0              0.0  3940184
## 229           -1.1              0.1  1910860
## 230           -5.5             -0.1  1489065
## 232           -5.6             -0.1  3731707
## 233            2.0              0.2  3731707
```

```
## 234              6.3                     1.7 39344900
## 235              0.6                     0.2 17500000
## 236              0.6                     0.2 17500000
## 238              6.3                     2.1 39344900
## 239             -0.4                     0.1  2316240
## 240             -0.2                     0.1  5178572
## 241             -0.9                     0.2 13302325
## 242             -2.6                    -0.1  5000000
## 243             -2.1                     0.0 31300000
## 244              0.5                     0.6 26984128
## 245             -1.6                     0.0  2500000
## 246             -2.6                    -0.1  1782621
## 247              0.3                     0.3 15690909
## 249             -6.5                    -0.1  1517981
## 250             -1.6                     0.0   527614
## 251             -0.7                     0.1  1782621
## 252             -0.1                     0.2  1093598
## 253             -1.5                     0.0  1958501
## 254             -2.7                    -0.1  2602920
## 255              6.9                     1.0 30864198
## 257             -7.2                    -0.1  1782621
## 258             -4.6                    -0.3  2063280
## 259             -1.7                     0.1 13750000
## 260             -2.2                     0.0  5000000
## 261             -2.2                     0.0  5000000
## 262             -2.5                     0.0  1939350
## 263             -1.9                     0.0  1669178
## 264             -4.0                    -0.2  2389641
## 265             -4.0                    -0.2  2389641
## 266              1.2                     0.2  8437500
## 267             -1.3                     0.0  1762796
## 268              3.0                     1.2 35500000
## 269              0.9                     0.5  2641691
## 270              0.1                     0.4  5890000
## 271             -2.0                     0.0  1846738
## 272              1.7                     0.8 28103550
## 273             -1.4                     0.0  1789256
## 274             -4.3                    -0.1  2641691
## 276             -2.6                     0.0  2641691
## 277             -0.3                     0.3  8333333
## 278              0.3                     0.5 15428571
## 279             -0.6                     0.3 31590000
## 281              0.8                     0.1  2000000
## 282              1.0                     0.5 10690909
## 286              0.5                     0.3  8800000
## 287             -2.0                     0.0  1782621
## 288             -1.7                     0.0  5000000
## 289             -0.8                     0.2  4650000
## 291             -2.4                     0.0  3277080
## 293             -2.3                     0.0  6104280
## 294             -5.8                    -0.7  6720720
## 295             -7.6                    -0.2  1782621
## 296             -0.7                     0.2  2389641
## 297              0.6                     0.2  2389641
```

```
## 298         -1.9              0.0  2389641
## 299         -0.4              0.3 12195122
## 300         -0.4              0.3 12195122
## 301          0.6              0.6  8678571
## 302         -1.9              0.0  8050000
## 303         -2.8             -0.2 12000000
## 306          0.2              0.2  6500000
## 307         -3.4             -0.3  2239544
## 309         -0.2              0.3  8750000
## 311         -0.6              0.1  2161440
## 314         -1.6              0.0 11000000
## 315         -0.8              0.2 15517242
## 317         -1.8              0.0 15057692
## 318         -2.9              0.0 15057692
## 319         -1.1              0.1 15057692
## 320         -1.8              0.0 15057692
## 321         -2.9              0.0 15057692
## 322         -1.1              0.1 15057692
## 323         -1.4              0.1  2137440
## 324          2.4              0.6  2210640
## 325          4.2              1.7 19800000
## 326         -3.5             -0.3  4670160
## 327          0.2              0.3  1782621
## 328         -3.2             -0.2 11600000
## 329         -3.0             -0.1  2401537
## 330         -3.0             -0.1  2401537
## 331         -2.7             -0.2 15560000
## 332          0.8              0.6  1802057
## 333         -0.8              0.1  1782621
## 334         -3.5             -0.1  2641691
## 335         -3.5             -0.1  2641691
## 336         -3.5             -0.1  2641691
## 339          0.4              0.2 13445120
## 340          0.4              0.1 13445120
## 341          0.4              0.3 13445120
## 343          0.4              0.1 13445120
## 344         -2.4             -0.1 12500000
## 345          2.6              1.0 17905263
## 346         -4.4             -0.4 17809524
## 350         -4.0             -0.3  3768342
## 351         -0.2              0.4 31320000
## 352          4.2              1.3 31590000
## 353         -1.6              0.0  3938818
## 354          0.3              0.3 14339285
## 355         -5.4             -0.1  1789256
## 356         -4.3              0.0  1789256
## 357         -5.9             -0.1  1789256
## 358         -2.5              0.0  4500000
## 359         -2.3              0.0  2389641
## 360         -4.3             -0.2  1517981
## 361         -2.9             -0.1  3277080
## 362          0.7              0.2  1669178
## 363         -1.0              0.2  1517981
## 365         -2.6             -0.1  4910000
```

```
## 366               0.5                   0.4   8372093
## 367               0.5                   0.4   8372093
## 368              -3.1                  -0.2   9720900
## 369               1.0                   0.4   2840160
## 371              -0.6                   0.1   1701593
## 372               4.3                   0.5 31610000
## 373              -1.2                   0.2 16000000
## 374              -1.2                   0.2 16000000
## 375              -4.5                  -0.5   7000000
## 376              -4.5                  -0.5   7000000
## 377               1.4                   0.7 18000000
## 381              -7.8                  -0.4   1669178
## 382              -5.4                  -0.2   1782621
## 383              -0.4                   0.1   1729217
## 386              -0.3                   0.2   8729020
## 387               0.9                   0.4 44310840
## 388              -3.7                  -0.2    705598
## 389              -3.7                  -0.2    705598
## 390              -3.7                  -0.2    705598
## 391              -3.7                  -0.2    705598
## 393              -2.0                   0.0   1762769
## 394              -1.8                   0.0 44211146
## 396               1.5                   0.2 15178571
## 397               0.1                   0.2   2401537
## 398              -1.6                   0.1 31579390
## 399              -3.8                  -0.2   2617800
## 400              -0.7                   0.2   2000000
## 403               4.5                   1.5 10733400
## 404              -4.0                  -0.4   7422000
## 406              -4.1                  -0.2   9166800
## 408               2.8                   1.0   8526316
## 409               2.8                   1.0   8526316
## 410               2.1                   0.6 14190000
## 411               4.3                   1.4   8326471
## 412               1.0                   0.3   2389641
## 413               0.5                   0.4   7518518
```

```r
train.predict <- predict(fit, training)

# predicted salaries for testing
test.predict <- predict(fit, testing)

# MSE of train/test
mean((train.predict-training$Salary)^2)
```

```
## [1] 3.893e+13
```

```r
mean((test.predict-testing$Salary)^2)
```

```
## [1] 4.503e+13
```

```
# predictors that have high correlation with Salary (p-value less than 0.05)
fit2 <- lm(Salary ~ PPG + Usage_Rate + APG, data= fit_data)
summary(fit2)
```

```
##
## Call:
## lm(formula = Salary ~ PPG + Usage_Rate + APG, data = fit_data)
##
## Residuals:
##       Min        1Q    Median        3Q       Max
## -22521094  -3596909   -302679   2940345  24280138
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)   1531370    1276344    1.20     0.23
## PPG           1431278     106558   13.43  < 2e-16 ***
## Usage_Rate    -568813     104242   -5.46  8.4e-08 ***
## APG           1263370     220259    5.74  1.9e-08 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 6510000 on 409 degrees of freedom
## Multiple R-squared:  0.601,  Adjusted R-squared:  0.598
## F-statistic:  205 on 3 and 409 DF,  p-value: <2e-16
```

```
fit3 <- lm(Salary ~ PPG, data= fit_data)
summary(fit3)
```

```
##
## Call:
## lm(formula = Salary ~ PPG, data = fit_data)
##
## Residuals:
##       Min        1Q    Median        3Q       Max
## -20023967  -3768923   -497944   3175272  24016953
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -4115250     719377   -5.72    2e-08 ***
## PPG           1250411      56694   22.06   <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 6950000 on 411 degrees of freedom
## Multiple R-squared:  0.542,  Adjusted R-squared:  0.541
## F-statistic:  486 on 1 and 411 DF,  p-value: <2e-16
```

Training dataset 80%, testing 20%

Logistic regression?

```
# glm()
```

```
# Sample 80% observations as training data
fit_data <- our_data[-1]
new_data <- resample_partition(fit_data, p = c(test=0.2, train=0.8))
training <- as.data.frame(new_data$train)
testing <- as.data.frame(new_data$test)

set.seed(2252022)
dat <- model.matrix(Salary~., fit_data)
train = sample(nrow(dat))
x.train = dat[train, ]
y.train = fit_data[train, ]$Salary

# The rest as test data
x.test = dat[-train, ]
y.test = fit_data[-train, ]$Salary
```

Lasso / Ridge

```
# ridge
lambda.list.ridge = 1000 * exp(seq(0, log(1e-5), length = 100))
ridge.mod = cv.glmnet(x.train, y.train, alpha=0,lambda=lambda.list.ridge, nfolds=5)
ridge.pred=predict(ridge.mod, s = ridge.mod$lambda.min, type="coefficients")
ridge.pred
```

```
## 22 x 1 sparse Matrix of class "dgCMatrix"
##                              s1
## (Intercept)             36013387
## (Intercept)                    .
## Games.Played             -36288
## PPG                     1743317
## RPG                     1276867
## APG                     3430741
## SPG                    -2109864
## BPG                     1756318
## TPG                    -3433775
## MPG                     -466224
## Usage_Rate              -507726
## 'Free throw%'            663886
## 'three-point %'         1034134
## 'effective shooting %'  -28365705
## 'True shooting %'       45369081
## Versatility_Index       -1215004
## 'Offensive Rating'       -173492
## 'Defensive rating'       -101683
```

```
## Player.Efficiency.Rating    -330255
## win.shares                    904968
## Box.Plus.Minus                474848
## Value.Over.Replacement        671951
```

```r
# lasso
lambda.list.lasso = 2 * exp(seq(0, log(1e-4), length = 100))
lasso.mod <- cv.glmnet(x.train, y.train, alpha=1, lambda=lambda.list.lasso, nfolds = 10)
lasso.pred = predict(lasso.mod, s = lasso.mod$lambda.min, type="coefficients")
lasso.pred
```

```
## 22 x 1 sparse Matrix of class "dgCMatrix"
##                                   s1
## (Intercept)              36303726
## (Intercept)                      .
## Games.Played               -36348
## PPG                       1752742
## RPG                       1283450
## APG                       3445844
## SPG                      -2103087
## BPG                       1759835
## TPG                      -3466066
## MPG                       -471641
## Usage_Rate                -511670
## 'Free throw%'              660728
## 'three-point %'           1031049
## 'effective shooting %'  -28497491
## 'True shooting %'        45755400
## Versatility_Index        -1220262
## 'Offensive Rating'        -175908
## 'Defensive rating'        -102016
## Player.Efficiency.Rating  -331384
## win.shares                 911877
## Box.Plus.Minus             476550
## Value.Over.Replacement     643047
```

```r
# ridge MSE
training_pred <- predict(ridge.mod, s = ridge.mod$lambda.min, newx = x.train)
mean((training_pred - y.train)^2)
```

```
## [1] 3.685e+13
```

```r
testing_pred <- predict(ridge.mod, s = ridge.mod$lambda.min, newx = x.test)
```

```
## Warning in cbind2(1, newx): number of rows of result is not a multiple of vector
## length (arg 1)
```

```r
mean((testing_pred - y.test)^2)
```

```
## [1] NaN
```

```r
# lasso MSE
training_predict <- predict(lasso.mod, s = lasso.mod$lambda.min, newx = x.train)
mean((training_predict - y.train)^2)
```

```
## [1] 3.685e+13
```

```r
testing_predict <- predict(lasso.mod, s = lasso.mod$lambda.min, newx = x.test)
```

```
## Warning in cbind2(1, newx): number of rows of result is not a multiple of vector
## length (arg 1)
```

```r
mean((testing_predict - y.test)^2)
```

```
## [1] NaN
```

Training dataset 80%, testing 20%

Decision tree