

# Project 1: Explore and Prepare Data

CSE6242 - Data and Visual Analytics - Fall 2017

Due: Sunday, October 15, 2017 at 11:59 PM UTC-12:00 on T-Square

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*Note: This project involves getting data ready for analysis and doing some preliminary investigations. Project 2 will involve modeling and predictions on the same dataset, and will be released at a later date. Both projects will have equal weightage towards your grade. You may reuse some of the preprocessing/analysis steps from Project 1 in Project 2.*

## Data

In this project, you will explore a dataset that contains information about movies, including ratings, budget, gross revenue and other attributes. It was prepared by Dr. Guy Lebanon, and here is his description of the dataset:

The file `movies_merged` contains a dataframe with the same name that has 40K rows and 39 columns. Each row represents a movie title and each column represents a descriptor such as **Title**, **Actors**, and **Budget**. I collected the data by querying IMDb's API (see [www.omdbapi.com](http://www.omdbapi.com)) and joining it with a separate dataset of movie budgets and gross earnings (unknown to you). The join key was the movie title. This data is available for personal use, but IMDb's terms of service do not allow it to be used for commercial purposes or for creating a competing repository.

## Objective

Your goal is to investigate the relationship between the movie descriptors and the box office success of movies, as represented by the variable **Gross**. This task is extremely important as it can help a studio decide which titles to fund for production, how much to bid on produced movies, when to release a title, how much to invest in marketing and PR, etc. This information is most useful before a title is released, but it is still very valuable after the movie is already released to the public (for example it can affect additional marketing spend or how much a studio should negotiate with on-demand streaming companies for "second window" streaming rights).

## Instructions

This is an R Markdown Notebook. Open this file in RStudio to get started.

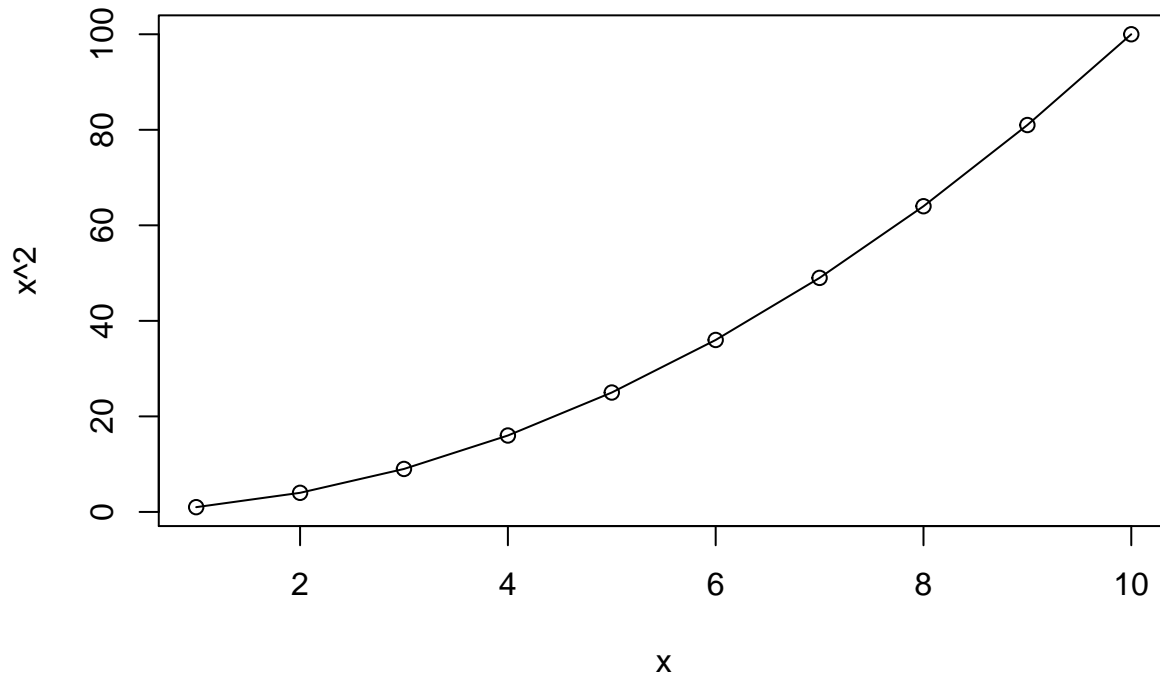
When you execute code within the notebook, the results appear beneath the code. Try executing this chunk by clicking the *Run* button within the chunk or by placing your cursor inside it and pressing *Cmd+Shift+Enter*.

```
# Project 1: http://cse6242.gatech.edu/fall-2017/pr1/
# To compile R Markdown in terminal run: Rscript -e "rmarkdown::render('pr1.Rmd', clean=TRUE)"
x = 1:10
print(x^2)
```

```
## [1] 1 4 9 16 25 36 49 64 81 100
```

Plots appear inline too:

```
plot(x, x^2, 'o')
```



Add a new chunk by clicking the *Insert Chunk* button on the toolbar or by pressing *Cmd+Option+I*. Enter some R code and run it.

When you save the notebook, an HTML file containing the code and output will be saved alongside it (click the *Preview* button or press *Cmd+Shift+K* to preview the HTML file).

Please complete all the tasks below by implementing code chunks that have a **TODO** comment in them, running all code chunks so that output and plots are displayed, and typing in answers to each question (**Q:** ...) next to/below the corresponding answer prompt (**A:**). Feel free to add code chunks/show additional output to support any of the answers.

When you are done, you will need to submit the final R markdown file (as **pr1.Rmd**) with all code chunks implemented and executed, and all text responses written in. You also need to submit a PDF export of the markdown file (as **pr1.pdf**), which should show your code, output, plots and written responses—this will be your project report. Compress these two files into a single .zip archive and upload it on T-Square.

## Setup

### Load data

Make sure you've downloaded the `movies_merged` file and it is in the current working directory. Now load it into memory:

```
load('movies_merged')
cat("Dataset has", dim(movies_merged)[1], "rows and", dim(movies_merged)[2], "columns", end="\n", file=
## Dataset has 40789 rows and 39 columns
```

This creates an object of the same name (`movies_merged`). For convenience, you can copy it to `df` and start using it:

```
df = movies_merged
cat("Column names:", end="\n", file="")
```

```
## Column names:
```

```
colnames(df)
```

```
## [1] "Title"           "Year"           "Rated"
## [4] "Released"        "Runtime"        "Genre"
## [7] "Director"        "Writer"         "Actors"
## [10] "Plot"            "Language"       "Country"
## [13] "Awards"          "Poster"         "Metascore"
## [16] "imdbRating"      "imdbVotes"      "imdbID"
## [19] "Type"            "tomatoMeter"    "tomatoImage"
## [22] "tomatoRating"    "tomatoReviews"  "tomatoFresh"
## [25] "tomatoRotten"    "tomatoConsensus" "tomatoUserMeter"
## [28] "tomatoUserRating" "tomatoUserReviews" "tomatoURL"
## [31] "DVD"             "BoxOffice"      "Production"
## [34] "Website"         "Response"       "Budget"
## [37] "Domestic_Gross"  "Gross"          "Date"
```

## Load R packages

Load any R packages that you will need to use. You can come back to this chunk, edit it and re-run to load any additional packages later.

```
library(ggplot2)
library(GGally)
```

```
# Note that I'm using Anaconda R, and I was having trouble installing qdapTools. I'm not sure
# if this is the same on other machines but I did have to install R XML separately
# https://anaconda.org/r/r-xml
# conda install -c r r-xml. Only after could I install qdapTools.
library(qdapTools)
```

If you are loading any non-standard packages (ones that have not been discussed in class or explicitly allowed for this project), please mention them below. Include any special instructions if they cannot be installed using the regular `install.packages('<pkg name>')` command.

**Non-standard packages used:** None

## Tasks

Each task below is worth **10** points, and is meant to be performed sequentially, i.e. do step 2 after you have processed the data as described in step 1. Total points: **100**

Complete each task by implementing code chunks as described by **TODO** comments, and by responding to questions (“**Q:**”) with written answers (“**A:**”). If you are unable to find a meaningful or strong relationship in any of the cases when requested, explain why not by referring to appropriate plots/statistics.

It is okay to handle missing values below by omission, but please omit as little as possible. It is worthwhile to invest in reusable and clear code as you may need to use it or modify it in project 2.

## 1. Remove non-movie rows

The variable `Type` captures whether the row is a movie, a TV series, or a game. Remove all rows from `df` that do not correspond to movies.

```
# TODO: Remove all rows from df that do not correspond to movies
df2 <- df[df$Type == "movie",]
original_dim = dim(df)
new_dim = dim(df2)

df = df2
# Differences in rows
print(original_dim[1] - new_dim[1])
```

```
## [1] 789
```

Q: How many rows are left after removal? *Enter your response below.*

A: The number of rows left after removal are 40000.

## 2. Process Runtime column

The variable `Runtime` represents the length of the title as a string. Write R code to convert it to a numeric value (in minutes) and replace `df$Runtime` with the new numeric column.

```
extract_runtime = function(r){
  times = unlist(r)
  minutes = 0
  for (i in 1:length(times) - 1){
    if (times[i + 1] == 'h'){
      minutes = minutes + as.numeric(times[i]) * 60
    } else if (times[i + 1] == 'min'){
      minutes = minutes + as.numeric(times[i])
    }
  }
  if (minutes == 0){
    return(NA)
  } else{
    return(minutes)
  }
}

y=strsplit(df$Runtime, ' ')
new_runtimes = unlist(lapply(y, extract_runtime))
df$Runtime = new_runtimes

cols = c('Runtime', 'Year', 'Budget')
summary(df[cols])
```

```
##      Runtime      Year      Budget
## Min.   : 1.00   Min.   :1888   Min.   : 1100
## 1st Qu.: 72.00  1st Qu.:1961   1st Qu.: 5000000
## Median : 90.00  Median :1989   Median : 18000000
## Mean   : 81.79  Mean   :1981   Mean   : 31661108
## 3rd Qu.:101.00  3rd Qu.:2001   3rd Qu.: 40000000
## Max.   :873.00  Max.   :2018   Max.   :425000000
```

```
## NA's :751 NA's :35442
```

Now investigate the distribution of **Runtime** values and how it changes over years (variable **Year**, which you can bucket into decades) and in relation to the budget (variable **Budget**). Include any plots that illustrate.

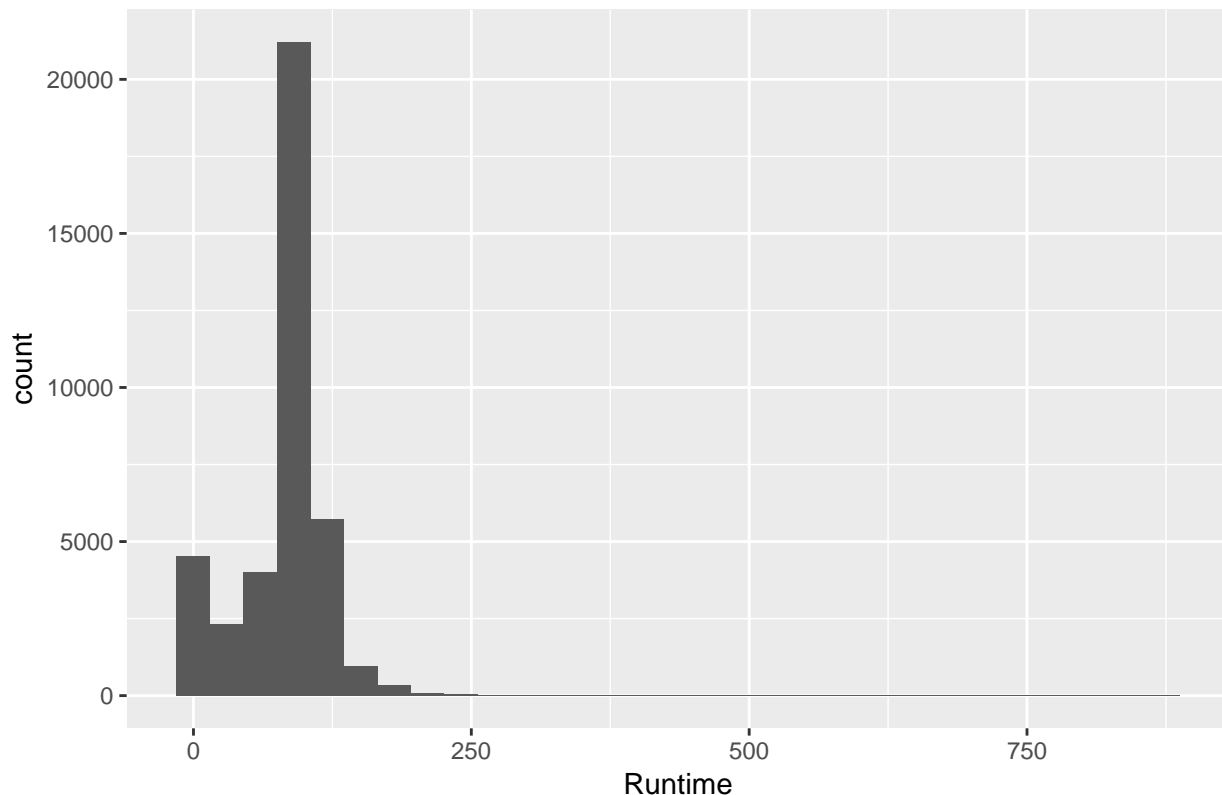
*# TODO: Investigate the distribution of Runtime values and how it varies by Year and Budget*

```
ggplot(df, aes(x=Runtime)) +  
  geom_histogram() +  
  ggtitle('Histogram of Runtime (minutes)')
```

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

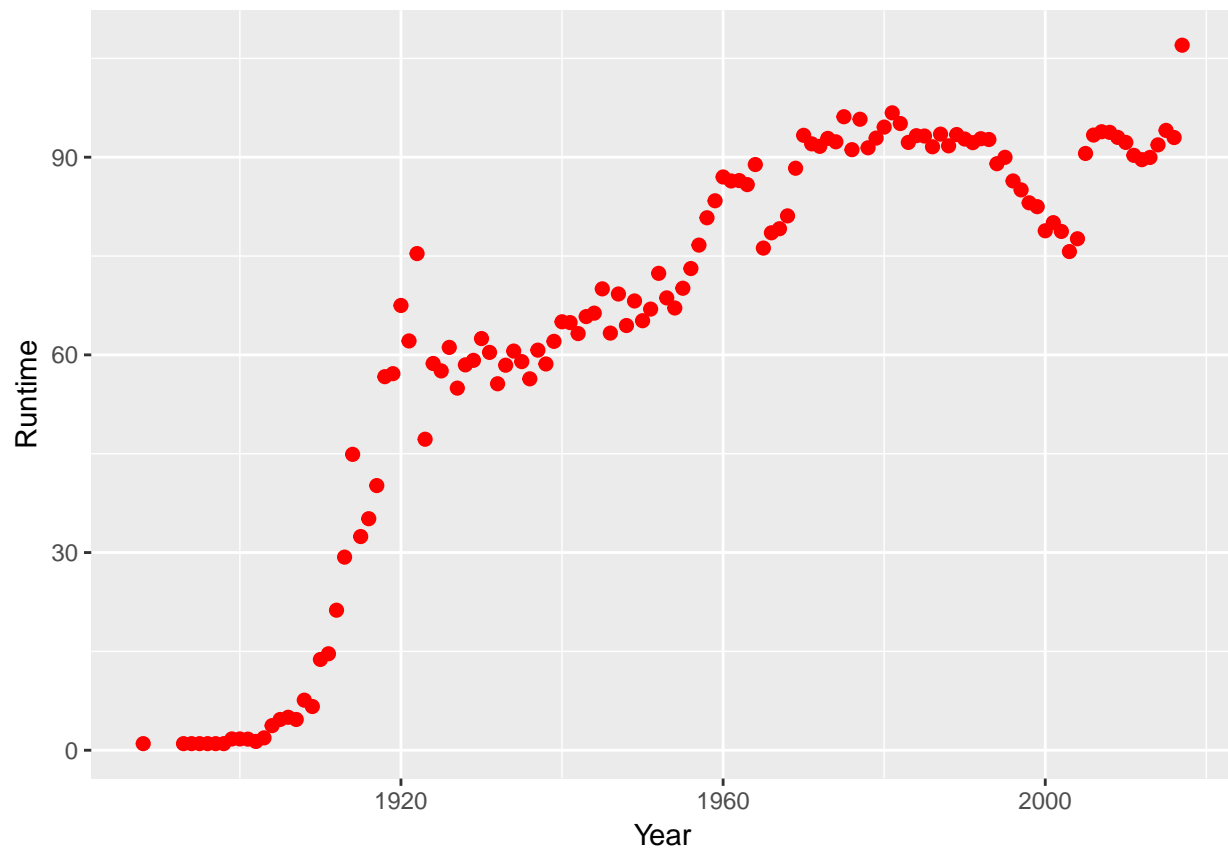
```
## Warning: Removed 751 rows containing non-finite values (stat_bin).
```

Histogram of Runtime (minutes)



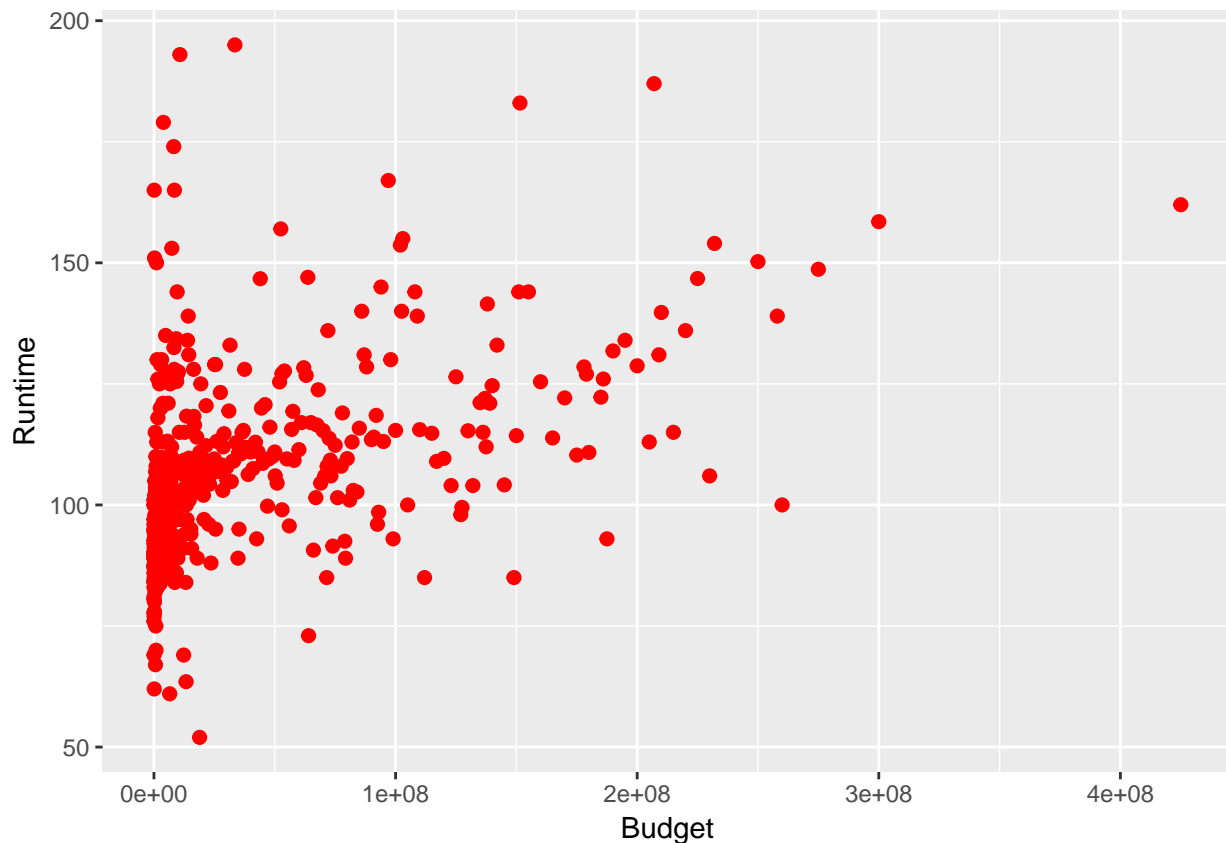
```
ggplot(df, aes(Year, Runtime)) +  
  stat_summary(fun.y = "mean", colour = "red", size = 2, geom = "point")
```

```
## Warning: Removed 751 rows containing non-finite values (stat_summary).
```



```
ggplot(df, aes(Budget, Runtime)) +  
  stat_summary(fun.y = "mean", colour = "red", size = 2, geom = "point")
```

```
## Warning: Removed 35480 rows containing non-finite values (stat_summary).
```



*Feel free to insert additional code chunks as necessary.*

**Q:** Comment on the distribution as well as relationships. Are there any patterns or trends that you can observe?

**A:**

Looking in the aggregate, it seems like most runtimes are under 2 hours. There is a clear relationship between run time and year, looking a bit like a sigmoid function. This makes sense as very early years, it was probably technologically prohibitive to create long movies. As technology improved, runtimes increased, but there's only so much time you can expect to hold an audience captive. Interestingly enough, during the 1990's there seems to be a downward trend in runtimes until around mid 2000's where it picked up again.

### 3. Encode Genre column

The column **Genre** represents a list of genres associated with the movie in a string format. Write code to parse each text string into a binary vector with 1s representing the presence of a genre and 0s the absence, and add it to the dataframe as additional columns. Then remove the original **Genre** column.

For example, if there are a total of 3 genres: Drama, Comedy, and Action, a movie that is both Action and Comedy should be represented by a binary vector  $\langle 0, 1, 1 \rangle$ . Note that you need to first compile a dictionary of all possible genres and then figure out which movie has which genres (you can use the R **tm** package to create the dictionary).

```
# TODO: Replace Genre with a collection of binary columns
require(tm)
```

```
## Loading required package: tm
```

```
## Warning in library(package, lib.loc = lib.loc, character.only = TRUE,
## logical.return = TRUE, : there is no package called 'tm'
```

```
# All unique genres in the dataframe
print(unique(unlist(strsplit(df$Genre, ', '))))
```

```
## [1] "Documentary" "Biography" "Romance" "Short" "Thriller"
## [6] "Drama" "War" "Comedy" "Horror" "Sci-Fi"
## [11] "Adventure" "Family" "History" "Crime" "Action"
## [16] "Music" "Mystery" "Fantasy" "Sport" "Animation"
## [21] "Musical" "N/A" "Talk-Show" "Adult" "Western"
## [26] "Film-Noir" "Reality-TV" "News" "Game-Show"
```

*# Example of how to one-hot encode: <https://stackoverflow.com/questions/39778387/r-dataframe-one-hot-en>*

```
df = cbind(df, mtabulate(strsplit(df$Genre, ", ")))
```

```
cols = c('Genre', 'Action', 'Adult', 'Adventure', 'Animation', 'Biography', 'Comedy', 'Crime', 'Documentary', 'Drama', 'Family', 'Fantasy', 'Film-Noir', 'Game-Show', 'History', 'Horror', 'Music', 'Mystery', 'News', 'Romance', 'Sci-Fi', 'Short', 'Sport', 'Talk-Show', 'Thriller', 'War', 'Western')
```

```
# Remove column from dataframe
df$Genre = NULL
```

Plot the relative proportions of movies having the top 10 most common genres.

*# TODO: Select movies from top 10 most common genres and plot their relative proportions*

*# See <https://stackoverflow.com/questions/20679702/r-find-column-with-the-largest-column-sum> as reference*

```
cols = setdiff(cols, 'Genre')
colCount = colSums(df[cols])
topTenIds = order(colCount, decreasing=TRUE)[1:10] + 1
topTenCols = names(df[cols][topTenIds])
```

```
# The top 10 most common genres are
print(topTenCols)
```

```
## [1] "Family" "Crime" "Sport" "Sci-Fi" "Adult"
## [6] "Documentary" "War" "Drama" "Animation" "Biography"
```

*# Probably need to do some manual "stacking" of dataframes by each of the top 10 most common genres.*

*# Note that I was somewhat confused on what "relative proportions of movies" meant. I found this helpful*

*# <https://piazza.com/class/j6gt7ycx6nk145?cid=396>*

*# Suppose you have ten ice creams. Let's say that four of them are Chocolate ice cream. What is the relative proportion of Chocolate ice cream?*

```
cols3 = c('Title', 'Runtime', topTenCols)
df3 = df[cols3]
print(summary(df3))
```

```
## Title Runtime Family Crime
## Length:40000 Min. : 1.00 Min. :0.00000 Min. :0.0000
## Class :character 1st Qu.: 72.00 1st Qu.:0.00000 1st Qu.:0.0000
## Mode :character Median : 90.00 Median :0.00000 Median :0.0000
## Mean : 81.79 Mean :0.06632 Mean :0.1016
## 3rd Qu.:101.00 3rd Qu.:0.00000 3rd Qu.:0.0000
## Max. :873.00 Max. :1.00000 Max. :1.0000
## NA's :751
## Sport Sci-Fi Adult Documentary
## Min. :0.00000 Min. :0.0000 Min. :0.00000 Min. :0.00000
## 1st Qu.:0.00000 1st Qu.:0.0000 1st Qu.:0.00000 1st Qu.:0.00000
```



```
## Median :0.00000 Median :0.0000 Median :0.00000 Median :0.00000
## Mean :0.01312 Mean :0.0406 Mean :0.01055 Mean :0.07627
## 3rd Qu.:0.00000 3rd Qu.:0.0000 3rd Qu.:0.00000 3rd Qu.:0.00000
## Max. :1.00000 Max. :1.0000 Max. :1.00000 Max. :1.00000
##
## War Drama Animation Biography
## Min. :0.00000 Min. :0.0000 Min. :0.0000 Min. :0.00000
## 1st Qu.:0.00000 1st Qu.:0.0000 1st Qu.:0.0000 1st Qu.:0.00000
## Median :0.00000 Median :0.0000 Median :0.0000 Median :0.00000
## Mean :0.02675 Mean :0.3965 Mean :0.0697 Mean :0.02772
## 3rd Qu.:0.00000 3rd Qu.:1.0000 3rd Qu.:0.0000 3rd Qu.:0.00000
## Max. :1.00000 Max. :1.0000 Max. :1.0000 Max. :1.00000
##
```

```
print(head(df3))
```

```
## Title Runtime Family Crime Sport Sci-Fi Adult Documentary
## 1 39 Pounds of Love 70 0 0 0 0 0 1
## 2 3:am 21 0 0 0 0 0 0
## 3 500 Years Later 106 0 0 0 0 0 1
## 4 5th World 75 0 0 0 0 0 0
## 5 90 14 0 0 0 0 0 0
## 6 Abel Raises Cain 82 0 0 0 0 0 1
## War Drama Animation Biography
## 1 0 0 0 1
## 2 0 0 0 0
## 3 0 0 0 0
## 4 0 1 0 0
## 5 1 0 0 0
## 6 0 0 0 1
```

```
library(reshape2)
```

```
df3.long = melt(df3, id.vars=c('Title', 'Runtime'))
```

```
# Removing rows where value is 0 to answer the question
```

```
# This is because when value is 0, that means movie is not that genre.
```

```
df3.long = df3.long[apply(df3.long['value'],1,function(z) !any(z==0)),]
```

```
print(summary(df3.long))
```

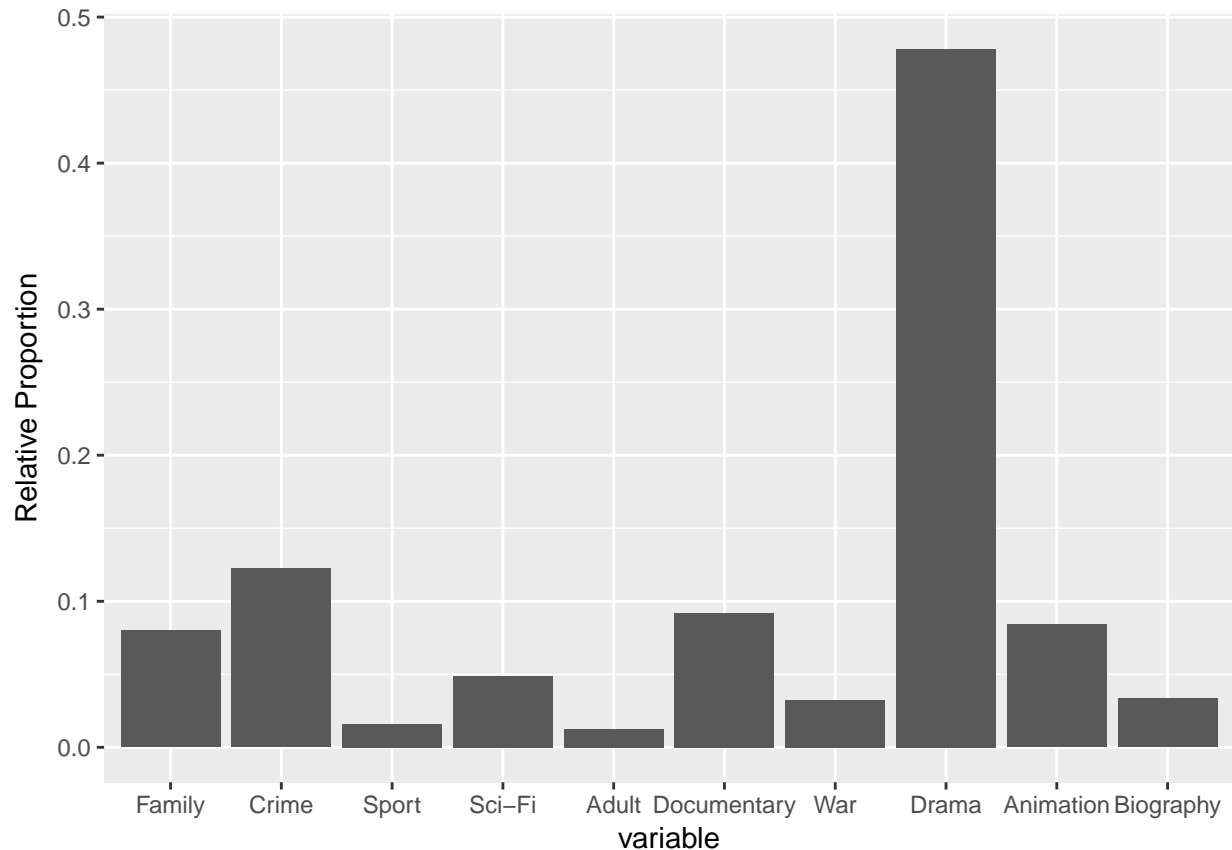
```
## Title Runtime variable value
## Length:33163 Min. : 1.00 Drama :15859 Min. :1
## Class :character 1st Qu.: 73.00 Crime : 4062 1st Qu.:1
## Mode :character Median : 91.00 Documentary: 3051 Median :1
## Mean : 83.88 Animation : 2788 Mean :1
## 3rd Qu.:105.00 Family : 2653 3rd Qu.:1
## Max. :873.00 Sci-Fi : 1624 Max. :1
## NA's :407 (Other) : 3126
```

```
print(head(df3.long))
```

```
## Title Runtime variable value
## 11 Aliens of the Deep 100 Family 1
## 21 Are We There Yet? 95 Family 1
## 29 Because of Winn-Dixie 106 Family 1
## 64 Down and Derby 90 Family 1
## 68 Duma 100 Family 1
```

```
## 73 Eliana em O Segredo dos Golfinhos      94   Family      1
```

```
# Finally plot relative proportions
# https://sebastiansauer.github.io/percentage_plot_ggplot2_V2/
ggplot(df3.long, aes(x=variable)) +
  geom_bar(aes(y = (..count..)/sum(..count..))) +
  ylab('Relative Proportion')
```

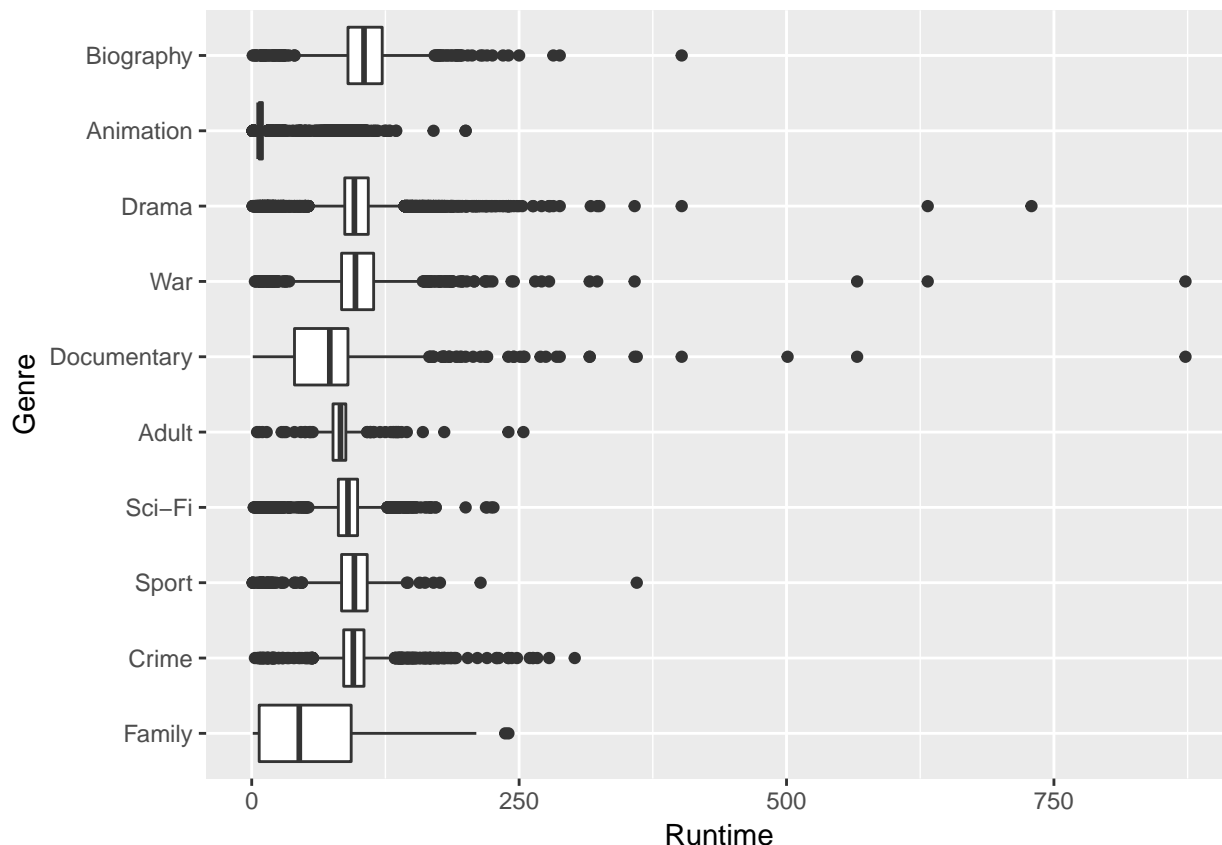


Examine how the distribution of Runtime changes across genres for the top 10 most common genres.

```
# TODO: Plot Runtime distribution for top 10 most common genres
# ggplot(df3.long, aes(x=Runtime)) +
#   geom_density(aes(color=variable, group=variable)) +
#   ggtitle('Distribution of Runtimes by Movie Genre')

ggplot(df3.long, aes(as.factor(variable), Runtime)) +
  geom_boxplot() +
  coord_flip() +
  scale_x_discrete("Genre")
```

```
## Warning: Removed 407 rows containing non-finite values (stat_boxplot).
```



**Q:** Describe the interesting relationship(s) you observe. Are there any expected or unexpected trends that are evident?

**A:** One thing that immediately stood out to me was that in looking at the extreme outliers (Runtimes greater than 300 minutes for example or 5 hours), most of these very long movies tend to be Drama, War, and Documentaries, which fits anecdotally with my priors of what movies would be extremely long.

Animation films tend to be the shortest, which is expected as there are probably many short animation films. I was actually surprised to see that most animation films are very very short.

One that that was unexpected to me was that with the exception of Animation and Family films, most of the median runtimes for all the rest of the genres are very similar.

#### 4. Eliminate mismatched rows

The dataframe was put together by merging two different sources of data and it is possible that the merging process was inaccurate in some cases (the merge was done based on movie title, but there are cases of different movies with the same title). There are 3 columns that contain date information: **Year** (numeric year), **Date** (numeric year), and **Released** (string representation of the release date).

Find and remove all rows where you suspect a merge error occurred based on a mismatch between these variables. To make sure subsequent analysis and modeling work well, avoid removing more than 10% of the rows that have a **Gross** value present.

*Note: Do not remove the rows with `Gross == NA` at this point, just use this a guideline.*

```
# TODO: Remove rows with Year/Date/Released mismatch
library(lubridate) # Used to extract year from Released
```

```
## Loading required package: methods

##
## Attaching package: 'lubridate'

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

cols4 = c('Year', 'Date', 'Released', 'Gross')
df4 = df[cols4]
df4$released_year = year(df4$Released)
df4$not_matched = (df4$Year != df4$released_year) & (df4$Year != df4$Date) & (df4$Date != df4$released_year)

# Number of rows with non-null Gross Value
print(nrow(df[which(!is.na(df$Gross)), ]))

## [1] 4558

# Printing rows in the original data set
print(nrow(df))

## [1] 40000

df = df[which(df4$not_matched == FALSE | is.na(df4$not_matched)), ]
print(nrow(df))

## [1] 39952
```

**Q:** What is your precise removal logic, and how many rows remain in the resulting dataset?

**A:** Out of the 40,000 original rows, I removed rows where `Year != released_year` and `Year != Date` and `Date != released_year`. This resulted in 48 rows to be removed where there was a non-null `Gross` value. Since there were originally 4510 rows with a non-null `Gross` value, we have indeed removed less than 10 percent of the rows with non-null `Gross` values.

There are now 39952 rows in the resulting dataset.

## 5. Explore Gross revenue

For the commercial success of a movie, production houses want to maximize Gross revenue. Investigate if Gross revenue is related to Budget, Runtime or Genre in any way.

*Note: To get a meaningful relationship, you may have to partition the movies into subsets such as short vs. long duration, or by genre, etc.*

```
# TODO: Investigate if Gross Revenue is related to Budget, Runtime or Genre
cols = c('Title', 'Gross', 'Runtime', 'Budget', 'Released', 'Action', 'Adult', 'Adventure', 'Animation')
df5 = df[cols]

print(summary(df5))
```

```
##      Title      Gross      Runtime
## Length:39952   Min.   :0.000e+00   Min.    :  1.00
## Class :character 1st Qu.:5.000e+06   1st Qu.: 72.00
## Mode  :character Median :3.006e+07   Median : 90.00
##              Mean  :9.057e+07   Mean   : 81.78
##              3rd Qu.:1.008e+08   3rd Qu.:101.00
##              Max.  :2.784e+09   Max.    :873.00
```

##		NA's :35442	NA's :751	
##	Budget	Released	Action	
##	Min. : 1100	Min. :1893-05-09	Min. :0.0000	
##	1st Qu.: 5000000	1st Qu.:1959-02-04	1st Qu.:0.0000	
##	Median : 18000000	Median :1989-10-06	Median :0.0000	
##	Mean : 31952913	Mean :1980-12-02	Mean :0.1104	
##	3rd Qu.: 40000000	3rd Qu.:2001-11-07	3rd Qu.:0.0000	
##	Max. :425000000	Max. :2018-08-01	Max. :1.0000	
##	NA's :35442	NA's :4949		
##	Adult	Adventure	Animation	Biography
##	Min. :0.00000	Min. :0.00000	Min. :0.00000	Min. :0.00000
##	1st Qu.:0.00000	1st Qu.:0.00000	1st Qu.:0.00000	1st Qu.:0.00000
##	Median :0.00000	Median :0.00000	Median :0.00000	Median :0.00000
##	Mean :0.01056	Mean :0.07324	Mean :0.06976	Mean :0.02768
##	3rd Qu.:0.00000	3rd Qu.:0.00000	3rd Qu.:0.00000	3rd Qu.:0.00000
##	Max. :1.00000	Max. :1.00000	Max. :1.00000	Max. :1.00000
##				
##	Comedy	Crime	Documentary	Drama
##	Min. :0.0000	Min. :0.0000	Min. :0.00000	Min. :0.0000
##	1st Qu.:0.0000	1st Qu.:0.0000	1st Qu.:0.00000	1st Qu.:0.0000
##	Median :0.0000	Median :0.0000	Median :0.00000	Median :0.0000
##	Mean :0.3212	Mean :0.1014	Mean :0.07624	Mean :0.3963
##	3rd Qu.:1.0000	3rd Qu.:0.0000	3rd Qu.:0.00000	3rd Qu.:1.0000
##	Max. :1.0000	Max. :1.0000	Max. :1.00000	Max. :1.0000
##				
##	Family	Fantasy	Film-Noir	Game-Show
##	Min. :0.00000	Min. :0.00000	Min. :0.000000	Min. :0.00e+00
##	1st Qu.:0.00000	1st Qu.:0.00000	1st Qu.:0.000000	1st Qu.:0.00e+00
##	Median :0.00000	Median :0.00000	Median :0.000000	Median :0.00e+00
##	Mean :0.06638	Mean :0.03502	Mean :0.008811	Mean :5.01e-05
##	3rd Qu.:0.00000	3rd Qu.:0.00000	3rd Qu.:0.000000	3rd Qu.:0.00e+00
##	Max. :1.00000	Max. :1.00000	Max. :1.000000	Max. :1.00e+00
##				
##	History	Horror	Music	Musical
##	Min. :0.00000	Min. :0.00000	Min. :0.00000	Min. :0.00000
##	1st Qu.:0.00000	1st Qu.:0.00000	1st Qu.:0.00000	1st Qu.:0.00000
##	Median :0.00000	Median :0.00000	Median :0.00000	Median :0.00000
##	Mean :0.02075	Mean :0.06781	Mean :0.02961	Mean :0.03469
##	3rd Qu.:0.00000	3rd Qu.:0.00000	3rd Qu.:0.00000	3rd Qu.:0.00000
##	Max. :1.00000	Max. :1.00000	Max. :1.00000	Max. :1.00000
##				
##	Mystery	N/A	News	
##	Min. :0.00000	Min. :0.00000	Min. :0.0000000	
##	1st Qu.:0.00000	1st Qu.:0.00000	1st Qu.:0.0000000	
##	Median :0.00000	Median :0.00000	Median :0.0000000	
##	Mean :0.04097	Mean :0.02468	Mean :0.0005006	
##	3rd Qu.:0.00000	3rd Qu.:0.00000	3rd Qu.:0.0000000	
##	Max. :1.00000	Max. :1.00000	Max. :1.0000000	
##				
##	Reality-TV	Romance	Sci-Fi	Short
##	Min. :0.0000000	Min. :0.0000	Min. :0.00000	Min. :0.0000
##	1st Qu.:0.0000000	1st Qu.:0.0000	1st Qu.:0.00000	1st Qu.:0.0000
##	Median :0.0000000	Median :0.0000	Median :0.00000	Median :0.0000
##	Mean :0.0001502	Mean :0.1243	Mean :0.04052	Mean :0.1631

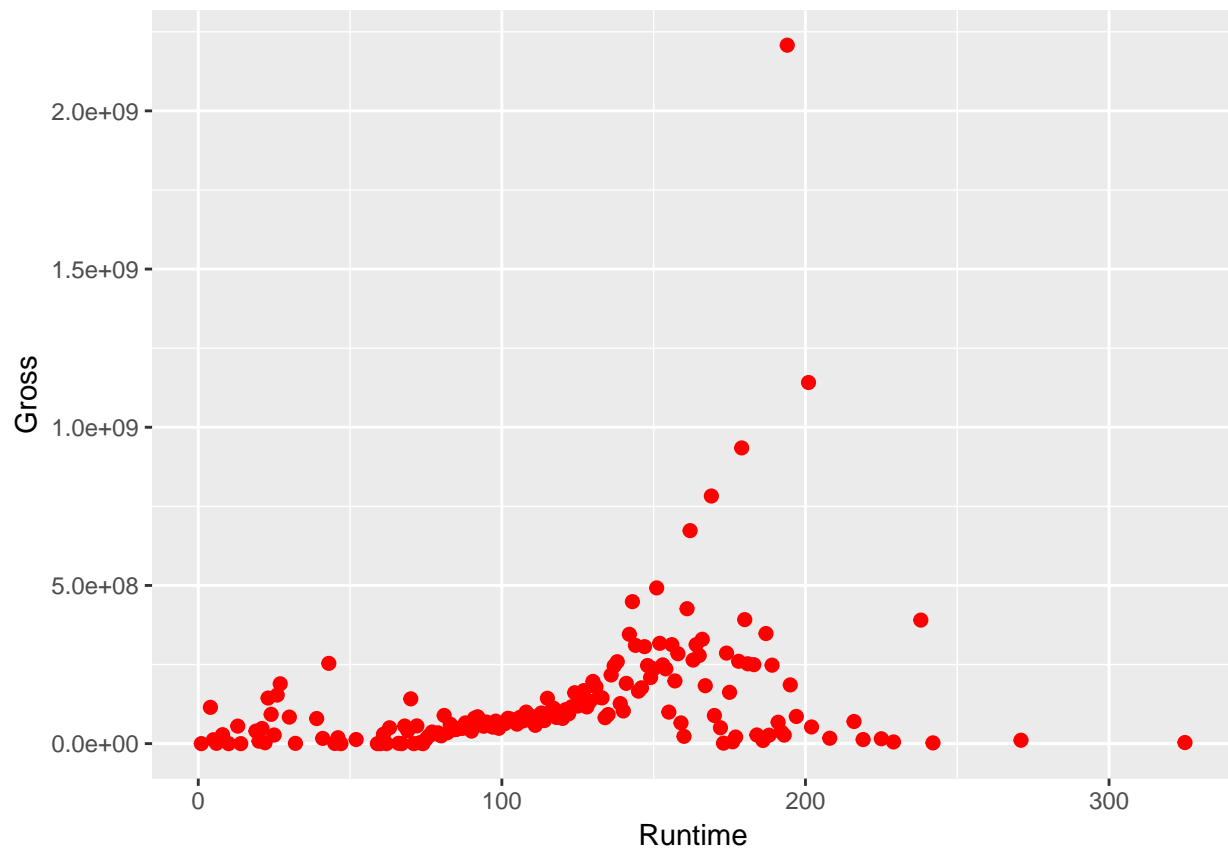
```
## 3rd Qu.:0.0000000 3rd Qu.:0.0000 3rd Qu.:0.00000 3rd Qu.:0.0000
## Max. :1.0000000 Max. :1.0000 Max. :1.00000 Max. :1.0000
##
## Sport Talk-Show Thriller War
## Min. :0.00000 Min. :0.0000000 Min. :0.00000 Min. :0.00000
## 1st Qu.:0.00000 1st Qu.:0.0000000 1st Qu.:0.00000 1st Qu.:0.00000
## Median :0.00000 Median :0.0000000 Median :0.00000 Median :0.00000
## Mean :0.01314 Mean :0.0001001 Mean :0.08438 Mean :0.02676
## 3rd Qu.:0.00000 3rd Qu.:0.0000000 3rd Qu.:0.00000 3rd Qu.:0.00000
## Max. :1.00000 Max. :1.0000000 Max. :1.00000 Max. :1.00000
##
## Western
## Min. :0.00000
## 1st Qu.:0.00000
## Median :0.00000
## Mean :0.03289
## 3rd Qu.:0.00000
## Max. :1.00000
##
```

```
print(head(df5))
```

```
## Title Gross Runtime Budget Released Action Adult Adventure
## 1 39 Pounds of Love NA 70 NA 2005-04-08 0 0 0
## 2 3:am NA 21 NA 2005-01-25 0 0 0
## 3 500 Years Later NA 106 NA 2005-02-24 0 0 0
## 4 5th World NA 75 NA 2005-01-20 0 0 0
## 5 90 NA 14 NA 2005-03-12 0 0 0
## 6 Abel Raises Cain NA 82 NA 2005-01-23 0 0 0
## Animation Biography Comedy Crime Documentary Drama Family Fantasy
## 1 0 1 0 0 1 0 0 0
## 2 0 0 0 0 0 0 0 0
## 3 0 0 0 0 1 0 0 0
## 4 0 0 0 0 0 1 0 0
## 5 0 0 0 0 0 0 0 0
## 6 0 1 0 0 1 0 0 0
## Film-Noir Game-Show History Horror Music Musical Mystery N/A News
## 1 0 0 0 0 0 0 0 0 0
## 2 0 0 0 0 0 0 0 0 0
## 3 0 0 0 0 0 0 0 0 0
## 4 0 0 0 0 0 0 0 0 0
## 5 0 0 0 0 0 0 0 0 0
## 6 0 0 0 0 0 0 0 0 0
## Reality-TV Romance Sci-Fi Short Sport Talk-Show Thriller War Western
## 1 0 1 0 0 0 0 0 0 0
## 2 0 0 0 1 0 0 1 0 0
## 3 0 0 0 0 0 0 0 0 0
## 4 0 1 0 0 0 0 0 0 0
## 5 0 0 0 1 0 0 0 1 0
## 6 0 0 0 0 0 0 0 0 0
```

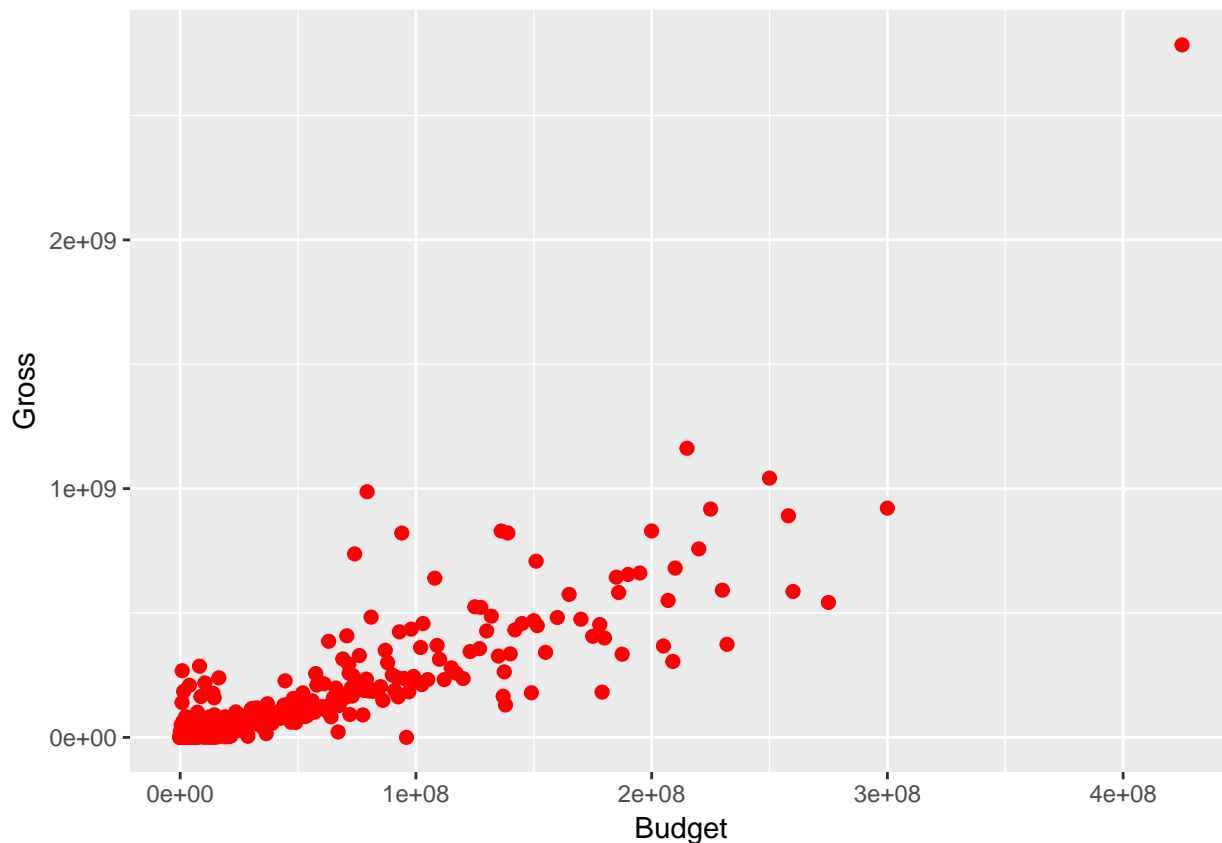
```
ggplot(df, aes(Runtime, Gross)) +
  stat_summary(fun.y = "mean", colour = "red", size = 2, geom = "point")
```

```
## Warning: Removed 35480 rows containing non-finite values (stat_summary).
```



```
ggplot(df, aes(Budget, Gross)) +  
  stat_summary(fun.y = "mean", colour = "red", size = 2, geom = "point")
```

```
## Warning: Removed 35442 rows containing non-finite values (stat_summary).
```



```
# Next melt the df to get genre as one column (like in question 3) and plot grouped by genre
df5.long = melt(df5, id.vars=c('Title', 'Gross', 'Runtime', 'Budget', 'Released'), variable.name='genre')

# Removing rows where value is 0 to answer the question
# This is because when value is 0, that means movie is not that genre.
df5.long = df5.long[apply(df5.long['value'], 1, function(z) !any(z==0)),]

library(plyr)

##
## Attaching package: 'plyr'

## The following object is masked from 'package:lubridate':
##
##     here

## The following object is masked from 'package:qdapTools':
##
##     id

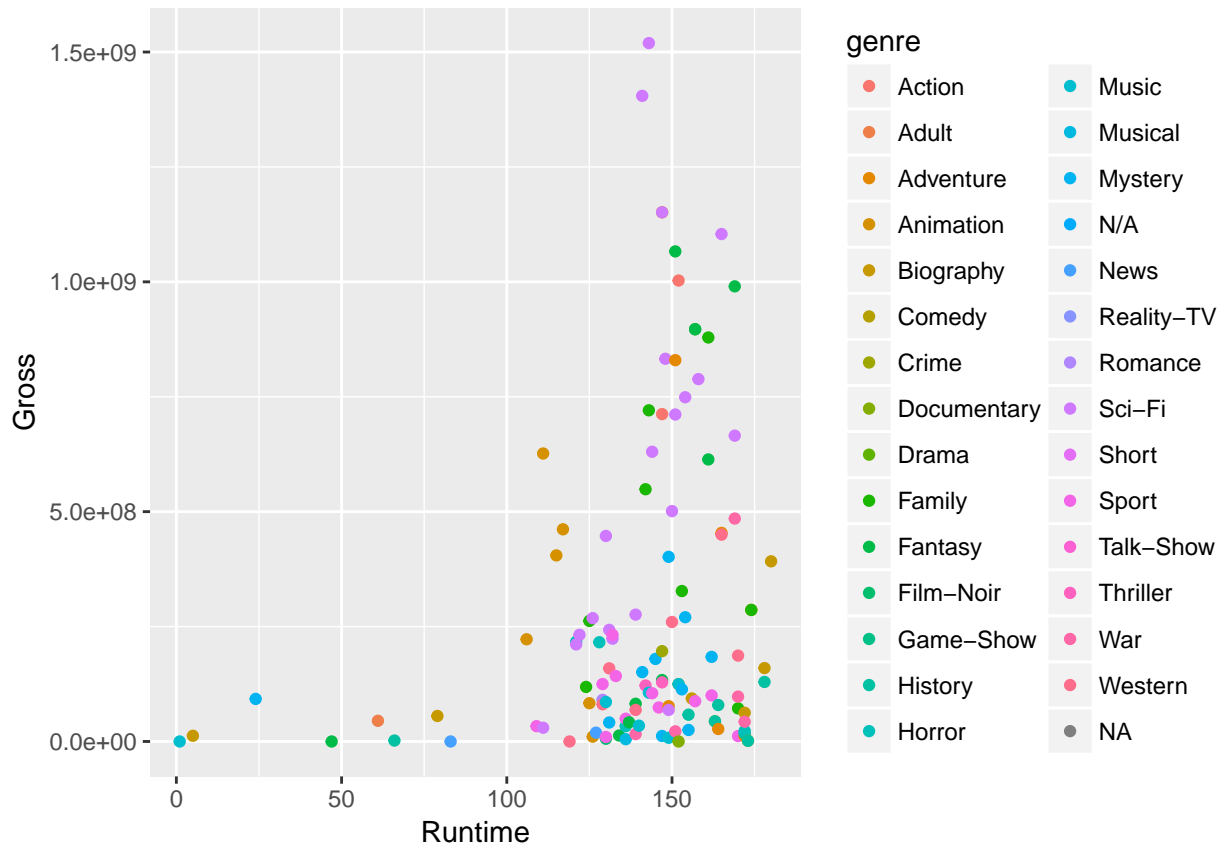
df5.long.runtime <- ddply(df5.long, c('Runtime', 'genre'), function(x) mean(x$Gross))
names(df5.long.runtime)[names(df5.long.runtime) == 'V1'] <- 'Gross'
df5.long.runtime = df5.long.runtime[!df5.long.runtime$Runtime > 180,] # Removing movies greater than 3

df5.long.budget <- ddply(df5.long, c('Budget', 'genre'), function(x) mean(x$Gross))
names(df5.long.budget)[names(df5.long.budget) == 'V1'] <- 'Gross'

ggplot(df5.long.runtime, aes(Runtime, Gross)) +
  geom_point(aes(color=genre, group=genre))
```

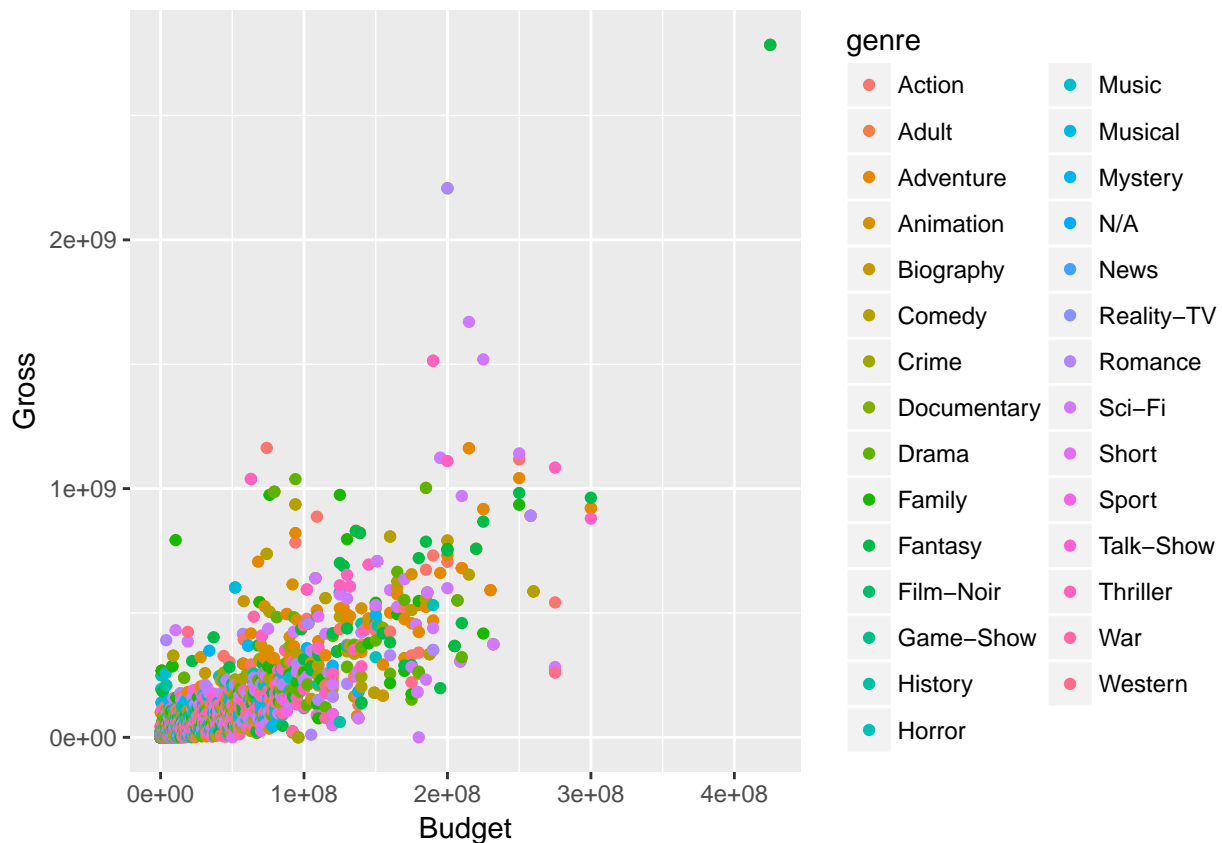


```
## Warning: Removed 3327 rows containing missing values (geom_point).
```



```
ggplot(df5.long.budget, aes(Budget, Gross)) +  
  geom_point(aes(color=genre, group=genre))
```

```
## Warning: Removed 29 rows containing missing values (geom_point).
```



**Q:** Did you find any observable relationships or combinations of Budget/Runtime/Genre that result in high Gross revenue? If you divided the movies into different subsets, you may get different answers for them - point out interesting ones.

**A:**

Yes, it seems that in the aggregate, Gross revenue is positive correlated with Runtime, but only to a certain extent. After about 3 hours or so, the relationship is much murkier. Gross Revenue seems generally positively correlated with Budget.

```
# TODO: Investigate if Gross Revenue is related to Release Month
print(summary(df5.long))
```

##	Title	Gross	Runtime
##	Length:79959	Min. :0.000e+00	Min. : 1.00
##	Class :character	1st Qu.:6.882e+06	1st Qu.: 69.00
##	Mode :character	Median :3.457e+07	Median : 90.00
##		Mean :9.891e+07	Mean : 81.15
##		3rd Qu.:1.106e+08	3rd Qu.:102.00
##		Max. :2.784e+09	Max. :873.00
##		NA's :68815	NA's :1099

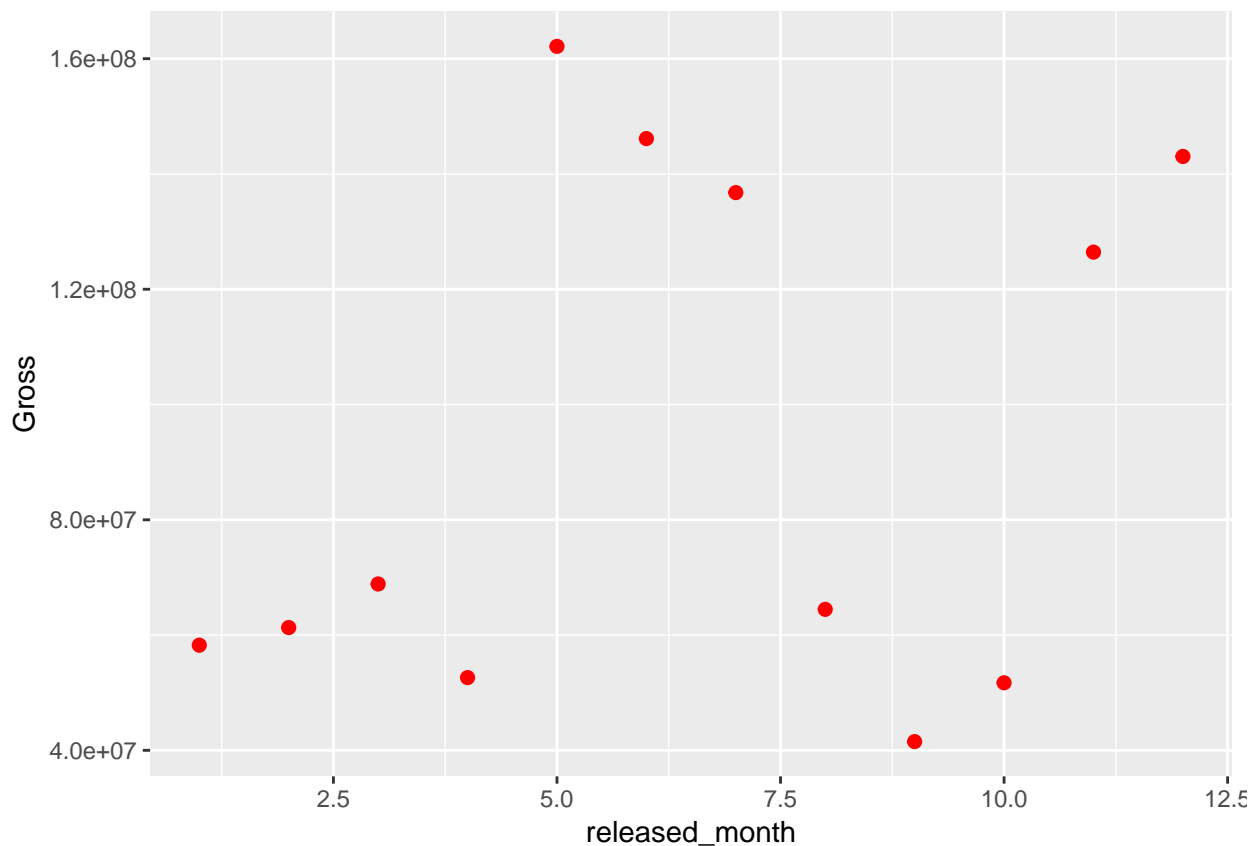
##	Budget	Released	genre	value
##	Min. : 1100	Min. :1893-05-09	Drama :15832	Min. :1
##	1st Qu.: 7000000	1st Qu.:1956-08-16	Comedy :12833	1st Qu.:1
##	Median : 20000000	Median :1989-04-28	Short : 6516	Median :1
##	Mean : 35134828	Mean :1980-04-16	Romance: 4966	Mean :1
##	3rd Qu.: 48000000	3rd Qu.:2001-12-13	Action : 4409	3rd Qu.:1
##	Max. :425000000	Max. :2018-08-01	Crime : 4053	Max. :1
##	NA's :68815	NA's :8537	(Other):31350	

```
print(head(df5.long))
```

```
##           Title Gross Runtime Budget   Released genre value
## 23 Assault on Precinct 13    NA    109    NA 2005-01-19 Action    1
## 39      Boy s tenyu    NA    132    NA 2005-03-17 Action    1
## 41      Broadcast 23    NA     7    NA    <NA> Action    1
## 47      Chok-Dee    NA    105    NA 2005-02-16 Action    1
## 48      Choker    NA     93    NA 2006-10-10 Action    1
## 69      Dust to Glory    NA     97    NA 2005-04-22 Action    1
```

```
df$released_month = month(df$Released)
ggplot(df, aes(released_month, Gross)) +
  stat_summary(fun.y = "mean", colour = "red", size = 2, geom = "point")
```

```
## Warning: Removed 35487 rows containing non-finite values (stat_summary).
```



There is definitely a relationship of Gross Revenue and release month. Summer month movies and holiday movies gross significantly more revenue than movies released in other months.

## 6. Process Awards column

The variable **Awards** describes nominations and awards in text format. Convert it to 2 numeric columns, the first capturing the number of wins, and the second capturing nominations. Replace the **Awards** column with these new columns, and then study the relationship of **Gross** revenue with respect to them.

*Note: The format of the **Awards** column is not standard; you may have to use regular expressions to find the relevant values. Try your best to process them, and you may leave the ones that don't have enough information as NAs or set them to 0s.*

```
# TODO: Convert Awards to 2 numeric columns: wins and nominations
```

```
library(stringi)
cols = c('Title', 'Awards', 'Gross')
df6 = df[cols]
print(unique(df6$Awards))
```

```
##      [1] "3 wins."
##      [2] "N/A"
##      [3] "2 wins."
##      [4] "1 win."
##      [5] "5 wins."
##      [6] "5 wins & 4 nominations."
##      [7] "1 win & 1 nomination."
##      [8] "2 wins & 1 nomination."
##      [9] "1 nomination."
##     [10] "1 win & 8 nominations."
##     [11] "1 win & 2 nominations."
##     [12] "1 win & 13 nominations."
##     [13] "15 nominations."
##     [14] "2 nominations."
##     [15] "28 wins & 3 nominations."
##     [16] "10 nominations."
##     [17] "4 wins & 1 nomination."
##     [18] "6 wins."
##     [19] "3 wins & 15 nominations."
##     [20] "2 wins & 9 nominations."
##     [21] "1 win & 5 nominations."
##     [22] "13 wins & 13 nominations."
##     [23] "4 wins."
##     [24] "Nominated for 1 Oscar. Another 3 wins & 10 nominations."
##     [25] "4 wins & 7 nominations."
##     [26] "4 wins & 3 nominations."
##     [27] "9 nominations."
##     [28] "3 wins & 2 nominations."
##     [29] "2 wins & 3 nominations."
##     [30] "16 nominations."
##     [31] "10 wins & 13 nominations."
##     [32] "4 nominations."
##     [33] "6 nominations."
##     [34] "4 wins & 24 nominations."
##     [35] "5 wins & 10 nominations."
##     [36] "5 wins & 2 nominations."
##     [37] "7 nominations."
##     [38] "4 wins & 13 nominations."
##     [39] "1 win & 3 nominations."
##     [40] "21 wins & 15 nominations."
##     [41] "2 wins & 5 nominations."
##     [42] "1 win & 10 nominations."
##     [43] "3 wins & 4 nominations."
##     [44] "3 nominations."
##     [45] "4 wins & 8 nominations."
##     [46] "Nominated for 1 Oscar. Another 13 wins & 15 nominations."
##     [47] "Nominated for 1 BAFTA Film Award. Another 6 wins & 3 nominations."
##     [48] "6 wins & 5 nominations."
```

```

## [49] "2 wins & 19 nominations."
## [50] "12 wins & 1 nomination."
## [51] "31 wins & 47 nominations."
## [52] "Won 1 Oscar. Another 5 wins & 2 nominations."
## [53] "7 wins & 12 nominations."
## [54] "4 wins & 5 nominations."
## [55] "Nominated for 2 Oscars. Another 31 wins & 22 nominations."
## [56] "Won 1 Oscar. Another 7 wins & 1 nomination."
## [57] "4 wins & 2 nominations."
## [58] "3 wins & 24 nominations."
## [59] "10 wins & 2 nominations."
## [60] "3 wins & 1 nomination."
## [61] "11 nominations."
## [62] "32 wins & 65 nominations."
## [63] "6 wins & 9 nominations."
## [64] "6 wins & 1 nomination."
## [65] "6 wins & 10 nominations."
## [66] "15 wins & 6 nominations."
## [67] "3 wins & 12 nominations."
## [68] "Won 1 Golden Globe. Another 5 wins & 7 nominations."
## [69] "Nominated for 1 Primetime Emmy. Another 1 win & 1 nomination."
## [70] "1 win & 11 nominations."
## [71] "Nominated for 1 Oscar. Another 7 wins & 8 nominations."
## [72] "10 wins."
## [73] "5 wins & 6 nominations."
## [74] "2 wins & 10 nominations."
## [75] "Nominated for 1 Oscar. Another 9 wins & 27 nominations."
## [76] "Nominated for 1 Oscar. Another 8 wins & 18 nominations."
## [77] "2 wins & 2 nominations."
## [78] "Nominated for 1 Golden Globe. Another 4 nominations."
## [79] "Nominated for 1 Golden Globe. Another 2 wins & 16 nominations."
## [80] "Nominated for 5 Oscars. Another 8 wins & 26 nominations."
## [81] "1 win & 4 nominations."
## [82] "Won 1 Oscar. Another 20 wins & 5 nominations."
## [83] "13 wins & 9 nominations."
## [84] "5 wins & 1 nomination."
## [85] "Nominated for 1 Golden Globe. Another 7 nominations."
## [86] "8 wins & 17 nominations."
## [87] "8 wins & 9 nominations."
## [88] "3 wins & 3 nominations."
## [89] "9 wins & 7 nominations."
## [90] "13 wins & 4 nominations."
## [91] "8 wins & 6 nominations."
## [92] "2 wins & 6 nominations."
## [93] "9 wins."
## [94] "11 wins & 2 nominations."
## [95] "5 nominations."
## [96] "6 wins & 8 nominations."
## [97] "Nominated for 1 Golden Globe. Another 1 win & 2 nominations."
## [98] "Nominated for 1 BAFTA Film Award. Another 8 wins & 3 nominations."
## [99] "Nominated for 2 Oscars. Another 22 wins & 64 nominations."
## [100] "9 wins & 9 nominations."
## [101] "Won 3 Oscars. Another 61 wins & 105 nominations."
## [102] "5 wins & 5 nominations."

```

## [103] "Nominated for 1 Oscar. Another 14 wins & 4 nominations."  
 ## [104] "1 win & 16 nominations."  
 ## [105] "Nominated for 2 Golden Globes. Another 1 win & 11 nominations."  
 ## [106] "9 wins & 4 nominations."  
 ## [107] "Won 3 Primetime Emmys. Another 1 win & 2 nominations."  
 ## [108] "2 wins & 7 nominations."  
 ## [109] "11 wins & 22 nominations."  
 ## [110] "13 wins."  
 ## [111] "7 wins & 1 nomination."  
 ## [112] "6 wins & 3 nominations."  
 ## [113] "4 wins & 12 nominations."  
 ## [114] "18 wins & 3 nominations."  
 ## [115] "Won 1 Oscar. Another 67 wins & 103 nominations."  
 ## [116] "Nominated for 1 Oscar. Another 5 wins."  
 ## [117] "29 wins & 15 nominations."  
 ## [118] "5 wins & 3 nominations."  
 ## [119] "7 wins & 2 nominations."  
 ## [120] "Won 1 Oscar. Another 20 wins & 77 nominations."  
 ## [121] "8 wins & 15 nominations."  
 ## [122] "4 wins & 4 nominations."  
 ## [123] "Won 2 Oscars. Another 72 wins & 57 nominations."  
 ## [124] "13 wins & 37 nominations."  
 ## [125] "Nominated for 1 Oscar. Another 1 win & 1 nomination."  
 ## [126] "Nominated for 1 Oscar. Another 4 wins."  
 ## [127] "Nominated for 1 Oscar. Another 1 nomination."  
 ## [128] "Nominated for 2 Oscars. Another 14 wins & 42 nominations."  
 ## [129] "2 wins & 4 nominations."  
 ## [130] "3 wins & 22 nominations."  
 ## [131] "Nominated for 1 Golden Globe. Another 3 nominations."  
 ## [132] "Nominated for 1 Golden Globe. Another 2 nominations."  
 ## [133] "Nominated for 3 Oscars. Another 16 wins & 42 nominations."  
 ## [134] "13 wins & 24 nominations."  
 ## [135] "3 wins & 10 nominations."  
 ## [136] "Nominated for 1 Oscar. Another 1 win & 13 nominations."  
 ## [137] "19 wins & 5 nominations."  
 ## [138] "Nominated for 1 Primetime Emmy. Another 2 wins & 5 nominations."  
 ## [139] "12 wins & 6 nominations."  
 ## [140] "6 wins & 11 nominations."  
 ## [141] "Won 1 Oscar. Another 13 wins & 30 nominations."  
 ## [142] "11 wins & 9 nominations."  
 ## [143] "1 win & 6 nominations."  
 ## [144] "Won 1 Primetime Emmy. Another 2 nominations."  
 ## [145] "20 nominations."  
 ## [146] "Nominated for 2 Golden Globes. Another 21 wins & 72 nominations."  
 ## [147] "Nominated for 1 Oscar. Another 17 wins & 48 nominations."  
 ## [148] "Nominated for 1 Oscar. Another 5 wins & 1 nomination."  
 ## [149] "12 wins & 5 nominations."  
 ## [150] "8 wins & 34 nominations."  
 ## [151] "1 win & 7 nominations."  
 ## [152] "3 wins & 6 nominations."  
 ## [153] "Nominated for 1 Oscar. Another 40 wins & 32 nominations."  
 ## [154] "7 wins & 23 nominations."  
 ## [155] "6 wins & 18 nominations."  
 ## [156] "1 win & 9 nominations."

## [157] "Won 1 Oscar. Another 2 wins."  
 ## [158] "Won 4 Oscars. Another 60 wins & 81 nominations."  
 ## [159] "Nominated for 1 BAFTA Film Award. Another 12 wins & 13 nominations."  
 ## [160] "8 wins & 1 nomination."  
 ## [161] "9 wins & 19 nominations."  
 ## [162] "5 wins & 8 nominations."  
 ## [163] "10 wins & 22 nominations."  
 ## [164] "3 wins & 9 nominations."  
 ## [165] "6 wins & 4 nominations."  
 ## [166] "Nominated for 1 BAFTA Film Award. Another 1 nomination."  
 ## [167] "5 wins & 9 nominations."  
 ## [168] "2 wins & 8 nominations."  
 ## [169] "13 wins & 7 nominations."  
 ## [170] "3 wins & 14 nominations."  
 ## [171] "6 wins & 6 nominations."  
 ## [172] "8 wins."  
 ## [173] "20 wins & 15 nominations."  
 ## [174] "11 wins & 1 nomination."  
 ## [175] "12 wins."  
 ## [176] "7 wins & 4 nominations."  
 ## [177] "7 wins."  
 ## [178] "3 wins & 5 nominations."  
 ## [179] "3 wins & 7 nominations."  
 ## [180] "8 wins & 2 nominations."  
 ## [181] "9 wins & 1 nomination."  
 ## [182] "Nominated for 1 Golden Globe. Another 12 wins & 7 nominations."  
 ## [183] "Nominated for 1 Golden Globe. Another 4 wins & 1 nomination."  
 ## [184] "8 nominations."  
 ## [185] "Won 1 Oscar. Another 26 wins & 2 nominations."  
 ## [186] "7 wins & 8 nominations."  
 ## [187] "8 wins & 10 nominations."  
 ## [188] "Nominated for 3 BAFTA Film Awards. Another 2 wins & 2 nominations."  
 ## [189] "Nominated for 1 Oscar. Another 3 wins & 15 nominations."  
 ## [190] "13 wins & 20 nominations."  
 ## [191] "Nominated for 2 Oscars. Another 16 wins & 48 nominations."  
 ## [192] "Won 1 Oscar. Another 120 wins & 82 nominations."  
 ## [193] "Nominated for 1 Oscar. Another 1 win."  
 ## [194] "7 wins & 17 nominations."  
 ## [195] "41 wins & 14 nominations."  
 ## [196] "Nominated for 1 Golden Globe. Another 5 wins & 10 nominations."  
 ## [197] "Won 1 Oscar. Another 23 wins & 54 nominations."  
 ## [198] "14 wins & 20 nominations."  
 ## [199] "Nominated for 1 Oscar. Another 7 wins & 11 nominations."  
 ## [200] "12 wins & 23 nominations."  
 ## [201] "11 wins."  
 ## [202] "Nominated for 2 Oscars. Another 7 nominations."  
 ## [203] "6 wins & 24 nominations."  
 ## [204] "Nominated for 1 Oscar. Another 3 wins & 19 nominations."  
 ## [205] "Won 3 Primetime Emmys. Another 1 win & 5 nominations."  
 ## [206] "10 wins & 4 nominations."  
 ## [207] "2 wins & 17 nominations."  
 ## [208] "21 wins & 29 nominations."  
 ## [209] "4 wins & 6 nominations."  
 ## [210] "Nominated for 3 Oscars. Another 40 wins & 37 nominations."

## [211] "4 wins & 10 nominations."  
 ## [212] "10 wins & 1 nomination."  
 ## [213] "22 wins & 5 nominations."  
 ## [214] "6 wins & 7 nominations."  
 ## [215] "6 wins & 2 nominations."  
 ## [216] "12 wins & 14 nominations."  
 ## [217] "3 wins & 13 nominations."  
 ## [218] "Nominated for 2 Oscars. Another 29 wins & 71 nominations."  
 ## [219] "3 wins & 18 nominations."  
 ## [220] "Nominated for 1 Oscar. Another 1 win & 5 nominations."  
 ## [221] "Nominated for 1 Oscar. Another 31 wins & 47 nominations."  
 ## [222] "Won 3 Oscars. Another 80 wins & 121 nominations."  
 ## [223] "12 wins & 2 nominations."  
 ## [224] "5 wins & 12 nominations."  
 ## [225] "Nominated for 1 Golden Globe. Another 1 win & 11 nominations."  
 ## [226] "10 wins & 11 nominations."  
 ## [227] "Nominated for 1 Oscar. Another 1 win & 62 nominations."  
 ## [228] "15 wins & 4 nominations."  
 ## [229] "Nominated for 3 Oscars. Another 3 wins."  
 ## [230] "Nominated for 1 Oscar. Another 2 wins & 19 nominations."  
 ## [231] "Nominated for 1 BAFTA Film Award. Another 1 win."  
 ## [232] "Nominated for 1 Golden Globe. Another 2 wins & 14 nominations."  
 ## [233] "Nominated for 1 Oscar. Another 24 wins & 13 nominations."  
 ## [234] "13 wins & 26 nominations."  
 ## [235] "Nominated for 1 Oscar. Another 7 wins & 7 nominations."  
 ## [236] "Won 1 Oscar. Another 17 wins & 92 nominations."  
 ## [237] "13 wins & 2 nominations."  
 ## [238] "5 wins & 17 nominations."  
 ## [239] "Won 1 Oscar. Another 12 wins & 6 nominations."  
 ## [240] "21 wins & 6 nominations."  
 ## [241] "Nominated for 1 Oscar. Another 6 wins & 1 nomination."  
 ## [242] "20 wins & 25 nominations."  
 ## [243] "Won 2 Oscars. Another 7 wins & 37 nominations."  
 ## [244] "3 wins & 8 nominations."  
 ## [245] "8 wins & 11 nominations."  
 ## [246] "8 wins & 12 nominations."  
 ## [247] "Nominated for 2 Oscars. Another 7 wins & 3 nominations."  
 ## [248] "24 wins & 2 nominations."  
 ## [249] "Nominated for 1 Oscar. Another 3 wins & 1 nomination."  
 ## [250] "17 wins."  
 ## [251] "18 wins & 2 nominations."  
 ## [252] "Won 1 Oscar. Another 46 wins & 59 nominations."  
 ## [253] "Nominated for 1 Golden Globe. Another 5 wins & 9 nominations."  
 ## [254] "2 wins & 15 nominations."  
 ## [255] "3 wins & 26 nominations."  
 ## [256] "6 wins & 13 nominations."  
 ## [257] "9 wins & 22 nominations."  
 ## [258] "Nominated for 3 Oscars. Another 17 wins & 41 nominations."  
 ## [259] "10 wins & 19 nominations."  
 ## [260] "10 wins & 9 nominations."  
 ## [261] "Nominated for 1 Golden Globe. Another 32 wins & 17 nominations."  
 ## [262] "Won 1 Oscar. Another 19 wins."  
 ## [263] "5 wins & 7 nominations."  
 ## [264] "Nominated for 1 Golden Globe. Another 2 wins & 3 nominations."



## [265] "Nominated for 3 Oscars. Another 12 wins & 37 nominations."  
 ## [266] "Nominated for 2 Oscars. Another 11 wins & 39 nominations."  
 ## [267] "20 wins & 12 nominations."  
 ## [268] "4 wins & 9 nominations."  
 ## [269] "Won 1 BAFTA Film Award. Another 4 wins & 1 nomination."  
 ## [270] "32 wins & 39 nominations."  
 ## [271] "Nominated for 1 Golden Globe. Another 25 wins & 84 nominations."  
 ## [272] "25 wins & 30 nominations."  
 ## [273] "Won 1 Oscar. Another 93 wins & 118 nominations."  
 ## [274] "Nominated for 2 Golden Globes. Another 10 wins & 26 nominations."  
 ## [275] "31 wins & 11 nominations."  
 ## [276] "14 nominations."  
 ## [277] "10 wins & 5 nominations."  
 ## [278] "Won 2 Oscars. Another 21 wins & 80 nominations."  
 ## [279] "5 wins & 13 nominations."  
 ## [280] "Nominated for 1 Golden Globe. Another 5 nominations."  
 ## [281] "Won 1 Oscar. Another 26 wins & 23 nominations."  
 ## [282] "Nominated for 1 Oscar. Another 3 wins."  
 ## [283] "16 wins & 15 nominations."  
 ## [284] "Won 2 Oscars. Another 53 wins & 131 nominations."  
 ## [285] "Nominated for 1 Oscar. Another 3 wins & 3 nominations."  
 ## [286] "12 wins & 12 nominations."  
 ## [287] "9 wins & 5 nominations."  
 ## [288] "26 wins & 16 nominations."  
 ## [289] "Won 1 Golden Globe. Another 14 wins & 11 nominations."  
 ## [290] "11 wins & 19 nominations."  
 ## [291] "7 wins & 3 nominations."  
 ## [292] "7 wins & 6 nominations."  
 ## [293] "17 wins & 1 nomination."  
 ## [294] "Nominated for 1 Oscar. Another 15 wins & 21 nominations."  
 ## [295] "Nominated for 5 Oscars. Another 31 wins & 88 nominations."  
 ## [296] "12 wins & 10 nominations."  
 ## [297] "Nominated for 1 BAFTA Film Award. Another 2 wins & 1 nomination."  
 ## [298] "13 wins & 3 nominations."  
 ## [299] "8 wins & 3 nominations."  
 ## [300] "Nominated for 1 Oscar. Another 4 wins & 16 nominations."  
 ## [301] "11 wins & 5 nominations."  
 ## [302] "Nominated for 7 Oscars. Another 6 wins & 36 nominations."  
 ## [303] "Nominated for 2 Oscars. Another 7 wins & 11 nominations."  
 ## [304] "Nominated for 1 Golden Globe. Another 11 wins & 27 nominations."  
 ## [305] "Nominated for 3 Oscars. Another 38 wins & 66 nominations."  
 ## [306] "Nominated for 1 Oscar. Another 7 wins & 12 nominations."  
 ## [307] "14 wins & 6 nominations."  
 ## [308] "Won 4 Oscars. Another 6 wins & 11 nominations."  
 ## [309] "Nominated for 1 Primetime Emmy. Another 2 nominations."  
 ## [310] "Nominated for 3 Oscars. Another 23 wins & 18 nominations."  
 ## [311] "2 wins & 18 nominations."  
 ## [312] "4 wins & 15 nominations."  
 ## [313] "9 wins & 10 nominations."  
 ## [314] "5 wins & 24 nominations."  
 ## [315] "Nominated for 1 Oscar. Another 14 wins & 45 nominations."  
 ## [316] "9 wins & 13 nominations."  
 ## [317] "15 wins & 10 nominations."  
 ## [318] "Nominated for 1 Oscar. Another 37 wins & 43 nominations."

## [319] "Nominated for 1 Oscar. Another 12 wins & 1 nomination."  
 ## [320] "Won 1 Oscar. Another 3 wins."  
 ## [321] "Nominated for 3 Oscars. Another 13 wins & 25 nominations."  
 ## [322] "Nominated for 4 Primetime Emmys. Another 1 win & 3 nominations."  
 ## [323] "8 wins & 5 nominations."  
 ## [324] "Nominated for 1 Golden Globe. Another 3 wins & 13 nominations."  
 ## [325] "24 wins & 3 nominations."  
 ## [326] "7 wins & 13 nominations."  
 ## [327] "Nominated for 1 Golden Globe. Another 5 wins & 7 nominations."  
 ## [328] "Won 1 Oscar. Another 21 wins & 1 nomination."  
 ## [329] "7 wins & 16 nominations."  
 ## [330] "Nominated for 1 Oscar. Another 4 wins & 10 nominations."  
 ## [331] "Nominated for 1 Oscar. Another 13 wins."  
 ## [332] "Nominated for 1 Golden Globe. Another 4 wins & 14 nominations."  
 ## [333] "9 wins & 27 nominations."  
 ## [334] "Won 1 Oscar. Another 12 wins & 21 nominations."  
 ## [335] "Nominated for 2 Oscars. Another 24 wins & 67 nominations."  
 ## [336] "Nominated for 1 Oscar. Another 11 wins & 28 nominations."  
 ## [337] "Won 1 Oscar. Another 60 wins & 95 nominations."  
 ## [338] "11 wins & 7 nominations."  
 ## [339] "19 wins & 21 nominations."  
 ## [340] "3 wins & 11 nominations."  
 ## [341] "12 wins & 13 nominations."  
 ## [342] "5 wins & 21 nominations."  
 ## [343] "1 win & 17 nominations."  
 ## [344] "Nominated for 1 Golden Globe. Another 17 wins & 18 nominations."  
 ## [345] "1 win & 12 nominations."  
 ## [346] "Won 1 Oscar. Another 87 wins & 244 nominations."  
 ## [347] "Won 1 Oscar. Another 38 wins & 11 nominations."  
 ## [348] "7 wins & 9 nominations."  
 ## [349] "2 wins & 11 nominations."  
 ## [350] "Won 3 Oscars. Another 4 wins & 8 nominations."  
 ## [351] "4 wins & 11 nominations."  
 ## [352] "Nominated for 1 Primetime Emmy. Another 2 wins & 1 nomination."  
 ## [353] "Won 1 Oscar. Another 1 win & 9 nominations."  
 ## [354] "Won 1 Oscar. Another 3 wins & 6 nominations."  
 ## [355] "Won 6 Oscars. Another 49 wins & 121 nominations."  
 ## [356] "16 wins & 10 nominations."  
 ## [357] "7 wins & 11 nominations."  
 ## [358] "2 wins & 14 nominations."  
 ## [359] "21 wins & 36 nominations."  
 ## [360] "Nominated for 1 Oscar. Another 2 wins & 2 nominations."  
 ## [361] "Nominated for 1 Oscar. Another 2 wins & 4 nominations."  
 ## [362] "Nominated for 1 BAFTA Film Award. Another 44 wins & 7 nominations."  
 ## [363] "Nominated for 1 Golden Globe. Another 6 wins & 33 nominations."  
 ## [364] "Nominated for 1 Oscar. Another 17 wins & 25 nominations."  
 ## [365] "Won 1 Oscar. Another 13 wins & 19 nominations."  
 ## [366] "Nominated for 1 Oscar. Another 73 wins & 162 nominations."  
 ## [367] "12 nominations."  
 ## [368] "20 wins & 14 nominations."  
 ## [369] "8 wins & 8 nominations."  
 ## [370] "Nominated for 4 Oscars. Another 100 wins & 86 nominations."  
 ## [371] "17 wins & 5 nominations."  
 ## [372] "Won 2 Oscars. Another 14 wins & 42 nominations."

## [373] "Nominated for 10 Oscars. Another 47 wins & 117 nominations."  
 ## [374] "Nominated for 3 BAFTA Film Awards. Another 11 wins & 39 nominations."  
 ## [375] "9 wins & 8 nominations."  
 ## [376] "Nominated for 1 Oscar. Another 5 wins & 28 nominations."  
 ## [377] "Nominated for 2 Golden Globes. Another 7 wins & 15 nominations."  
 ## [378] "Nominated for 3 Oscars. Another 27 wins & 55 nominations."  
 ## [379] "Won 1 BAFTA Film Award. Another 6 wins & 8 nominations."  
 ## [380] "Nominated for 3 Oscars. Another 2 wins & 12 nominations."  
 ## [381] "Won 1 Primetime Emmy. Another 5 nominations."  
 ## [382] "11 wins & 4 nominations."  
 ## [383] "Nominated for 1 Oscar. Another 10 wins & 27 nominations."  
 ## [384] "Nominated for 1 Oscar. Another 18 wins & 76 nominations."  
 ## [385] "10 wins & 16 nominations."  
 ## [386] "9 wins & 2 nominations."  
 ## [387] "Nominated for 1 Oscar. Another 20 wins & 27 nominations."  
 ## [388] "Nominated for 1 Golden Globe. Another 1 win & 4 nominations."  
 ## [389] "6 wins & 14 nominations."  
 ## [390] "6 wins & 21 nominations."  
 ## [391] "Won 1 Oscar. Another 83 wins & 96 nominations."  
 ## [392] "Won 2 Oscars. Another 3 wins & 1 nomination."  
 ## [393] "Nominated for 1 Golden Globe. Another 14 wins & 34 nominations."  
 ## [394] "Nominated for 1 Golden Globe. Another 23 wins & 23 nominations."  
 ## [395] "19 wins & 10 nominations."  
 ## [396] "Won 6 Oscars. Another 206 wins & 189 nominations."  
 ## [397] "Won 1 Oscar. Another 20 wins & 75 nominations."  
 ## [398] "10 wins & 14 nominations."  
 ## [399] "13 wins & 6 nominations."  
 ## [400] "Nominated for 1 BAFTA Film Award. Another 1 win & 1 nomination."  
 ## [401] "Nominated for 1 Golden Globe. Another 15 wins & 25 nominations."  
 ## [402] "3 wins & 30 nominations."  
 ## [403] "9 wins & 3 nominations."  
 ## [404] "Nominated for 2 Oscars. Another 14 wins & 56 nominations."  
 ## [405] "Nominated for 1 Oscar. Another 8 wins & 19 nominations."  
 ## [406] "Nominated for 1 Oscar. Another 8 wins & 1 nomination."  
 ## [407] "Nominated for 1 Oscar. Another 16 wins & 53 nominations."  
 ## [408] "Nominated for 1 Oscar. Another 3 wins & 13 nominations."  
 ## [409] "Nominated for 1 Oscar. Another 6 wins & 20 nominations."  
 ## [410] "Nominated for 1 Oscar. Another 32 wins & 32 nominations."  
 ## [411] "Nominated for 1 Oscar. Another 2 wins."  
 ## [412] "10 wins & 21 nominations."  
 ## [413] "10 wins & 3 nominations."  
 ## [414] "Won 1 BAFTA Film Award. Another 4 wins."  
 ## [415] "Nominated for 2 Oscars. Another 1 win & 2 nominations."  
 ## [416] "Nominated for 2 Oscars. Another 10 wins & 25 nominations."  
 ## [417] "24 wins & 16 nominations."  
 ## [418] "1 win & 14 nominations."  
 ## [419] "Nominated for 2 Golden Globes. Another 4 wins & 5 nominations."  
 ## [420] "13 wins & 5 nominations."  
 ## [421] "Won 1 Oscar. Another 53 wins & 75 nominations."  
 ## [422] "Nominated for 1 Oscar. Another 8 wins & 29 nominations."  
 ## [423] "Nominated for 1 Oscar. Another 31 wins & 4 nominations."  
 ## [424] "11 wins & 15 nominations."  
 ## [425] "Nominated for 3 Oscars. Another 6 wins & 10 nominations."  
 ## [426] "5 wins & 16 nominations."

## [427] "3 wins & 16 nominations."  
 ## [428] "Nominated for 1 Oscar. Another 7 wins & 9 nominations."  
 ## [429] "Nominated for 4 Oscars. Another 65 wins & 37 nominations."  
 ## [430] "6 wins & 33 nominations."  
 ## [431] "Nominated for 2 Oscars. Another 1 nomination."  
 ## [432] "Won 1 Oscar. Another 31 wins & 73 nominations."  
 ## [433] "7 wins & 15 nominations."  
 ## [434] "Nominated for 3 Oscars. Another 17 wins & 60 nominations."  
 ## [435] "Won 1 Oscar. Another 1 win & 4 nominations."  
 ## [436] "Nominated for 1 Golden Globe. Another 28 wins & 32 nominations."  
 ## [437] "16 wins & 5 nominations."  
 ## [438] "Nominated for 1 Oscar. Another 37 wins & 34 nominations."  
 ## [439] "Nominated for 1 BAFTA Film Award. Another 10 wins & 1 nomination."  
 ## [440] "Nominated for 1 Oscar. Another 8 wins & 10 nominations."  
 ## [441] "Nominated for 5 Oscars. Another 38 wins & 69 nominations."  
 ## [442] "Nominated for 1 Oscar. Another 5 nominations."  
 ## [443] "22 wins & 43 nominations."  
 ## [444] "Nominated for 1 Oscar. Another 1 win & 4 nominations."  
 ## [445] "20 wins & 18 nominations."  
 ## [446] "Nominated for 1 Oscar. Another 44 wins & 19 nominations."  
 ## [447] "36 wins & 22 nominations."  
 ## [448] "7 wins & 7 nominations."  
 ## [449] "Nominated for 2 Golden Globes. Another 6 wins & 10 nominations."  
 ## [450] "Nominated for 1 Golden Globe. Another 2 wins & 8 nominations."  
 ## [451] "Nominated for 1 Oscar. Another 6 wins & 6 nominations."  
 ## [452] "Nominated for 1 Oscar. Another 6 wins & 5 nominations."  
 ## [453] "Nominated for 1 Golden Globe. Another 6 wins & 11 nominations."  
 ## [454] "Won 1 Oscar. Another 14 wins & 22 nominations."  
 ## [455] "Won 1 Oscar. Another 13 wins & 38 nominations."  
 ## [456] "Won 2 Oscars. Another 81 wins & 130 nominations."  
 ## [457] "8 wins & 4 nominations."  
 ## [458] "11 wins & 6 nominations."  
 ## [459] "Won 1 Oscar. Another 27 wins & 20 nominations."  
 ## [460] "Won 1 Golden Globe. Another 1 win & 4 nominations."  
 ## [461] "4 wins & 20 nominations."  
 ## [462] "Nominated for 1 Oscar. Another 11 wins & 21 nominations."  
 ## [463] "Nominated for 1 Oscar. Another 2 wins & 1 nomination."  
 ## [464] "Won 1 Oscar. Another 10 wins & 50 nominations."  
 ## [465] "Nominated for 2 BAFTA Film Awards. Another 10 wins & 25 nominations."  
 ## [466] "Nominated for 1 Oscar. Another 13 wins & 3 nominations."  
 ## [467] "Nominated for 1 Golden Globe. Another 3 wins & 17 nominations."  
 ## [468] "7 wins & 5 nominations."  
 ## [469] "Won 1 BAFTA Film Award. Another 1 win."  
 ## [470] "Won 1 Oscar. Another 37 wins & 59 nominations."  
 ## [471] "10 wins & 6 nominations."  
 ## [472] "Nominated for 2 Oscars. Another 2 wins & 3 nominations."  
 ## [473] "Nominated for 1 Oscar. Another 9 wins & 39 nominations."  
 ## [474] "Nominated for 1 Primetime Emmy. Another 1 win & 5 nominations."  
 ## [475] "8 wins & 7 nominations."  
 ## [476] "14 wins & 7 nominations."  
 ## [477] "Nominated for 1 Oscar. Another 4 wins & 33 nominations."  
 ## [478] "5 wins & 20 nominations."  
 ## [479] "Nominated for 1 Oscar. Another 6 wins & 3 nominations."  
 ## [480] "Won 1 Oscar. Another 19 wins & 46 nominations."

## [481] "Nominated for 1 Oscar. Another 1 win & 6 nominations."  
 ## [482] "Won 4 Oscars. Another 29 wins & 23 nominations."  
 ## [483] "2 wins & 12 nominations."  
 ## [484] "Nominated for 1 Golden Globe. Another 1 win & 13 nominations."  
 ## [485] "Won 1 Oscar. Another 52 wins & 102 nominations."  
 ## [486] "12 wins & 7 nominations."  
 ## [487] "Nominated for 1 Oscar. Another 54 wins & 22 nominations."  
 ## [488] "Nominated for 1 Oscar. Another 15 wins & 20 nominations."  
 ## [489] "Nominated for 1 Oscar. Another 12 wins & 22 nominations."  
 ## [490] "Nominated for 1 Golden Globe. Another 11 wins & 13 nominations."  
 ## [491] "Nominated for 3 Oscars. Another 54 wins & 63 nominations."  
 ## [492] "Won 1 Oscar. Another 3 wins & 1 nomination."  
 ## [493] "10 wins & 12 nominations."  
 ## [494] "Nominated for 2 Oscars. Another 15 wins & 33 nominations."  
 ## [495] "13 wins & 27 nominations."  
 ## [496] "Nominated for 1 Golden Globe. Another 23 wins & 26 nominations."  
 ## [497] "Nominated for 1 Oscar. Another 4 wins & 2 nominations."  
 ## [498] "Nominated for 5 Oscars. Another 7 wins & 30 nominations."  
 ## [499] "6 wins & 12 nominations."  
 ## [500] "Nominated for 2 Oscars. Another 19 wins & 45 nominations."  
 ## [501] "Nominated for 1 Oscar. Another 1 win & 2 nominations."  
 ## [502] "Nominated for 1 Oscar. Another 33 wins & 45 nominations."  
 ## [503] "Nominated for 1 Primetime Emmy. Another 2 wins & 6 nominations."  
 ## [504] "9 wins & 15 nominations."  
 ## [505] "Nominated for 1 Oscar. Another 2 nominations."  
 ## [506] "Won 1 Oscar. Another 31 wins & 57 nominations."  
 ## [507] "Won 1 Oscar. Another 21 wins & 2 nominations."  
 ## [508] "4 wins & 18 nominations."  
 ## [509] "Nominated for 1 Golden Globe. Another 2 wins & 7 nominations."  
 ## [510] "Nominated for 1 Oscar. Another 28 wins & 55 nominations."  
 ## [511] "15 wins & 16 nominations."  
 ## [512] "Won 5 Oscars. Another 53 wins & 101 nominations."  
 ## [513] "Won 3 Oscars. Another 1 win & 13 nominations."  
 ## [514] "Nominated for 1 Primetime Emmy. Another 5 nominations."  
 ## [515] "Nominated for 1 Golden Globe. Another 3 wins & 21 nominations."  
 ## [516] "Won 1 Oscar. Another 17 wins & 35 nominations."  
 ## [517] "16 wins."  
 ## [518] "Won 1 Oscar. Another 6 wins & 6 nominations."  
 ## [519] "Nominated for 1 BAFTA Film Award. Another 3 wins."  
 ## [520] "Nominated for 1 Oscar. Another 5 wins & 18 nominations."  
 ## [521] "30 wins & 12 nominations."  
 ## [522] "Won 1 Oscar. Another 23 wins & 35 nominations."  
 ## [523] "Nominated for 1 Oscar. Another 10 wins & 6 nominations."  
 ## [524] "12 wins & 15 nominations."  
 ## [525] "Nominated for 1 Oscar. Another 7 wins & 14 nominations."  
 ## [526] "Nominated for 2 Oscars. Another 54 wins & 55 nominations."  
 ## [527] "Nominated for 2 Golden Globes. Another 7 wins & 5 nominations."  
 ## [528] "8 wins & 20 nominations."  
 ## [529] "10 wins & 18 nominations."  
 ## [530] "Won 1 Golden Globe. Another 4 wins & 14 nominations."  
 ## [531] "Nominated for 2 Oscars. Another 7 wins & 35 nominations."  
 ## [532] "Won 1 Primetime Emmy. Another 3 wins & 2 nominations."  
 ## [533] "Won 5 Oscars. Another 30 wins & 13 nominations."  
 ## [534] "Won 1 Oscar. Another 2 wins & 9 nominations."

## [535] "Nominated for 3 Oscars. Another 18 wins & 41 nominations."  
 ## [536] "11 wins & 10 nominations."  
 ## [537] "Nominated for 1 Oscar. Another 17 wins & 1 nomination."  
 ## [538] "Nominated for 1 Oscar. Another 32 wins & 61 nominations."  
 ## [539] "17 wins & 11 nominations."  
 ## [540] "Nominated for 1 Golden Globe. Another 4 wins & 8 nominations."  
 ## [541] "Nominated for 1 Oscar. Another 21 wins & 20 nominations."  
 ## [542] "Nominated for 2 Oscars. Another 14 wins & 23 nominations."  
 ## [543] "Nominated for 1 Golden Globe. Another 1 win & 3 nominations."  
 ## [544] "Nominated for 1 Oscar. Another 3 wins & 4 nominations."  
 ## [545] "Nominated for 1 Oscar. Another 4 wins & 6 nominations."  
 ## [546] "Won 2 Oscars. Another 14 wins & 16 nominations."  
 ## [547] "Nominated for 1 Primetime Emmy. Another 2 wins."  
 ## [548] "Won 4 Oscars. Another 69 wins & 83 nominations."  
 ## [549] "Won 1 Oscar. Another 2 wins & 10 nominations."  
 ## [550] "Nominated for 1 BAFTA Film Award. Another 2 wins & 3 nominations."  
 ## [551] "13 wins & 21 nominations."  
 ## [552] "Nominated for 2 Oscars. Another 30 wins & 41 nominations."  
 ## [553] "Won 5 Oscars. Another 103 wins & 96 nominations."  
 ## [554] "Nominated for 1 Primetime Emmy. Another 4 wins & 2 nominations."  
 ## [555] "9 wins & 14 nominations."  
 ## [556] "Nominated for 1 Oscar. Another 5 wins & 11 nominations."  
 ## [557] "Nominated for 2 Oscars. Another 12 nominations."  
 ## [558] "21 wins & 2 nominations."  
 ## [559] "Nominated for 1 Oscar. Another 17 wins & 28 nominations."  
 ## [560] "Won 1 Oscar. Another 41 wins & 128 nominations."  
 ## [561] "Won 1 Golden Globe. Another 1 nomination."  
 ## [562] "Nominated for 3 Oscars. Another 48 wins & 75 nominations."  
 ## [563] "2 wins & 16 nominations."  
 ## [564] "Nominated for 1 Oscar. Another 2 wins & 6 nominations."  
 ## [565] "Won 1 Oscar. Another 47 wins & 37 nominations."  
 ## [566] "Nominated for 1 Oscar. Another 20 wins & 10 nominations."  
 ## [567] "17 wins & 16 nominations."  
 ## [568] "Nominated for 4 BAFTA Film Awards. Another 16 wins & 8 nominations."  
 ## [569] "Nominated for 1 Oscar. Another 16 wins & 33 nominations."  
 ## [570] "Won 1 Oscar. Another 2 wins & 7 nominations."  
 ## [571] "Nominated for 1 Golden Globe. Another 7 wins & 24 nominations."  
 ## [572] "5 wins & 14 nominations."  
 ## [573] "Nominated for 1 Oscar. Another 10 wins & 31 nominations."  
 ## [574] "6 wins & 22 nominations."  
 ## [575] "7 wins & 14 nominations."  
 ## [576] "21 wins & 17 nominations."  
 ## [577] "Nominated for 1 Oscar. Another 8 wins."  
 ## [578] "Won 1 Oscar. Another 7 wins & 11 nominations."  
 ## [579] "10 wins & 10 nominations."  
 ## [580] "26 wins & 2 nominations."  
 ## [581] "4 wins & 14 nominations."  
 ## [582] "Nominated for 1 Oscar. Another 9 wins & 2 nominations."  
 ## [583] "10 wins & 7 nominations."  
 ## [584] "Nominated for 3 Oscars. Another 28 wins & 51 nominations."  
 ## [585] "11 wins & 17 nominations."  
 ## [586] "Won 1 Golden Globe. Another 4 wins & 22 nominations."  
 ## [587] "21 wins & 19 nominations."  
 ## [588] "Nominated for 2 Oscars. Another 5 wins & 9 nominations."

## [589] "Nominated for 1 Oscar. Another 4 wins & 4 nominations."  
 ## [590] "13 wins & 1 nomination."  
 ## [591] "Nominated for 3 Golden Globes. Another 12 wins & 14 nominations."  
 ## [592] "Won 1 Oscar. Another 33 wins & 74 nominations."  
 ## [593] "Won 1 Oscar. Another 23 wins & 39 nominations."  
 ## [594] "Nominated for 1 Oscar. Another 5 wins & 9 nominations."  
 ## [595] "41 wins & 16 nominations."  
 ## [596] "Nominated for 3 Oscars. Another 20 wins & 60 nominations."  
 ## [597] "Nominated for 1 Golden Globe. Another 3 wins & 14 nominations."  
 ## [598] "Nominated for 2 Oscars. Another 1 win & 13 nominations."  
 ## [599] "15 wins."  
 ## [600] "Won 1 Oscar. Another 11 wins & 25 nominations."  
 ## [601] "Won 1 BAFTA Film Award. Another 3 wins & 2 nominations."  
 ## [602] "8 wins & 19 nominations."  
 ## [603] "Nominated for 1 Oscar. Another 3 wins & 17 nominations."  
 ## [604] "Won 2 Oscars. Another 11 wins & 27 nominations."  
 ## [605] "Nominated for 1 Oscar. Another 20 wins & 28 nominations."  
 ## [606] "Nominated for 1 BAFTA Film Award. Another 2 wins & 4 nominations."  
 ## [607] "Nominated for 1 Oscar. Another 10 wins & 11 nominations."  
 ## [608] "24 wins & 11 nominations."  
 ## [609] "15 wins & 12 nominations."  
 ## [610] "Won 1 Oscar. Another 10 wins & 3 nominations."  
 ## [611] "2 wins & 13 nominations."  
 ## [612] "Nominated for 1 Oscar. Another 19 wins & 3 nominations."  
 ## [613] "Won 1 BAFTA Film Award. Another 1 win & 1 nomination."  
 ## [614] "11 wins & 3 nominations."  
 ## [615] "24 wins & 4 nominations."  
 ## [616] "Nominated for 1 Oscar. Another 4 wins & 13 nominations."  
 ## [617] "Won 1 Oscar. Another 46 wins & 37 nominations."  
 ## [618] "Nominated for 1 BAFTA Film Award. Another 6 wins & 13 nominations."  
 ## [619] "Nominated for 4 Oscars. Another 14 wins & 35 nominations."  
 ## [620] "Nominated for 1 Oscar. Another 1 win & 15 nominations."  
 ## [621] "Nominated for 4 Oscars. Another 3 wins & 9 nominations."  
 ## [622] "Nominated for 1 Oscar. Another 3 wins & 23 nominations."  
 ## [623] "23 wins & 5 nominations."  
 ## [624] "15 wins & 19 nominations."  
 ## [625] "Won 1 Oscar. Another 3 nominations."  
 ## [626] "Nominated for 1 Oscar. Another 1 win & 17 nominations."  
 ## [627] "Nominated for 1 Golden Globe. Another 10 wins & 11 nominations."  
 ## [628] "Nominated for 5 Oscars. Another 3 wins & 3 nominations."  
 ## [629] "Won 1 Oscar. Another 34 wins & 53 nominations."  
 ## [630] "Nominated for 3 Oscars. Another 11 wins & 47 nominations."  
 ## [631] "6 wins & 15 nominations."  
 ## [632] "Nominated for 1 Primetime Emmy. Another 3 wins & 1 nomination."  
 ## [633] "Nominated for 1 Oscar. Another 64 wins & 169 nominations."  
 ## [634] "Won 1 Oscar. Another 37 wins & 32 nominations."  
 ## [635] "5 wins & 28 nominations."  
 ## [636] "Nominated for 4 Oscars. Another 15 wins & 30 nominations."  
 ## [637] "Nominated for 1 Golden Globe. Another 12 wins & 23 nominations."  
 ## [638] "Nominated for 4 Oscars. Another 6 wins & 2 nominations."  
 ## [639] "Nominated for 2 Oscars. Another 4 wins & 22 nominations."  
 ## [640] "Nominated for 1 Oscar. Another 9 wins & 4 nominations."  
 ## [641] "Nominated for 1 Oscar. Another 2 wins & 29 nominations."  
 ## [642] "Nominated for 1 BAFTA Film Award. Another 13 wins & 7 nominations."

## [643] "14 wins & 3 nominations."  
 ## [644] "16 wins & 16 nominations."  
 ## [645] "Nominated for 1 Oscar. Another 1 win & 3 nominations."  
 ## [646] "Nominated for 1 Oscar. Another 17 wins & 20 nominations."  
 ## [647] "13 wins & 10 nominations."  
 ## [648] "Nominated for 1 Oscar. Another 7 nominations."  
 ## [649] "Nominated for 2 Oscars. Another 13 wins & 12 nominations."  
 ## [650] "15 wins & 28 nominations."  
 ## [651] "Nominated for 1 Oscar. Another 4 wins & 1 nomination."  
 ## [652] "Nominated for 1 Oscar. Another 1 win & 7 nominations."  
 ## [653] "17 wins & 17 nominations."  
 ## [654] "Nominated for 1 Primetime Emmy. Another 1 nomination."  
 ## [655] "15 wins & 27 nominations."  
 ## [656] "8 wins & 14 nominations."  
 ## [657] "Nominated for 2 Oscars. Another 10 wins & 28 nominations."  
 ## [658] "Nominated for 4 Oscars. Another 5 wins & 9 nominations."  
 ## [659] "Nominated for 1 Oscar. Another 11 wins & 1 nomination."  
 ## [660] "Nominated for 1 Golden Globe. Another 15 wins & 15 nominations."  
 ## [661] "Won 1 Oscar. Another 11 wins & 14 nominations."  
 ## [662] "Won 5 Oscars. Another 74 wins & 74 nominations."  
 ## [663] "Won 7 Oscars. Another 56 wins & 86 nominations."  
 ## [664] "11 wins & 8 nominations."  
 ## [665] "Nominated for 1 Golden Globe. Another 8 wins & 6 nominations."  
 ## [666] "Nominated for 2 Golden Globes. Another 2 wins & 3 nominations."  
 ## [667] "Nominated for 1 Oscar. Another 13 wins & 26 nominations."  
 ## [668] "Nominated for 2 Golden Globes. Another 17 wins & 15 nominations."  
 ## [669] "27 wins & 13 nominations."  
 ## [670] "Nominated for 1 Oscar. Another 4 wins & 9 nominations."  
 ## [671] "Won 1 Oscar. Another 6 wins & 2 nominations."  
 ## [672] "9 wins & 12 nominations."  
 ## [673] "Nominated for 1 Golden Globe. Another 1 win & 1 nomination."  
 ## [674] "Nominated for 1 Oscar. Another 7 wins & 10 nominations."  
 ## [675] "Won 1 Oscar. Another 8 wins & 19 nominations."  
 ## [676] "Nominated for 1 Oscar. Another 8 wins & 2 nominations."  
 ## [677] "Nominated for 2 Oscars. Another 7 wins & 10 nominations."  
 ## [678] "Nominated for 4 Oscars. Another 9 wins & 38 nominations."  
 ## [679] "Nominated for 2 Oscars. Another 10 wins & 21 nominations."  
 ## [680] "Won 1 Oscar. Another 29 wins & 51 nominations."  
 ## [681] "Won 2 Oscars. Another 35 wins & 49 nominations."  
 ## [682] "Nominated for 3 Oscars. Another 29 wins & 49 nominations."  
 ## [683] "Nominated for 1 Golden Globe. Another 5 wins & 15 nominations."  
 ## [684] "Nominated for 2 Oscars. Another 7 wins & 9 nominations."  
 ## [685] "Nominated for 1 Oscar. Another 15 wins & 26 nominations."  
 ## [686] "16 wins & 3 nominations."  
 ## [687] "10 wins & 8 nominations."  
 ## [688] "Nominated for 1 Oscar. Another 2 wins & 14 nominations."  
 ## [689] "Nominated for 1 BAFTA Film Award. Another 11 wins."  
 ## [690] "Nominated for 1 BAFTA Film Award. Another 5 wins & 1 nomination."  
 ## [691] "Nominated for 1 Oscar. Another 6 wins & 14 nominations."  
 ## [692] "Won 1 Oscar. Another 8 wins & 1 nomination."  
 ## [693] "Won 2 Oscars. Another 20 wins & 53 nominations."  
 ## [694] "Nominated for 1 Oscar. Another 9 wins & 15 nominations."  
 ## [695] "Nominated for 3 Golden Globes. Another 1 nomination."  
 ## [696] "Nominated for 1 Oscar. Another 7 wins & 16 nominations."



## [697] "14 wins & 11 nominations."  
 ## [698] "Nominated for 1 Oscar. Another 7 wins & 21 nominations."  
 ## [699] "12 wins & 11 nominations."  
 ## [700] "Nominated for 4 Oscars. Another 6 wins & 8 nominations."  
 ## [701] "Won 2 Oscars. Another 84 wins & 77 nominations."  
 ## [702] "Nominated for 1 Golden Globe. Another 4 wins & 5 nominations."  
 ## [703] "5 wins & 11 nominations."  
 ## [704] "22 wins & 4 nominations."  
 ## [705] "Nominated for 1 Primetime Emmy. Another 5 wins & 2 nominations."  
 ## [706] "Nominated for 1 Oscar. Another 2 wins & 7 nominations."  
 ## [707] "Nominated for 1 BAFTA Film Award. Another 2 nominations."  
 ## [708] "Won 1 Golden Globe. Another 12 wins & 7 nominations."  
 ## [709] "Won 4 Oscars. Another 155 wins & 131 nominations."  
 ## [710] "Won 1 Oscar. Another 18 wins & 39 nominations."  
 ## [711] "Won 1 BAFTA Film Award. Another 8 wins & 8 nominations."  
 ## [712] "Nominated for 1 Oscar. Another 10 wins & 7 nominations."  
 ## [713] "14 wins & 4 nominations."  
 ## [714] "Nominated for 1 Golden Globe. Another 8 wins & 5 nominations."  
 ## [715] "Nominated for 1 Golden Globe. Another 3 wins & 7 nominations."  
 ## [716] "Nominated for 3 Primetime Emmys. Another 4 nominations."  
 ## [717] "Nominated for 1 BAFTA Film Award. Another 5 wins & 2 nominations."  
 ## [718] "Won 11 Oscars. Another 110 wins & 73 nominations."  
 ## [719] "Nominated for 1 Golden Globe. Another 6 wins & 9 nominations."  
 ## [720] "Nominated for 2 Primetime Emmys. Another 2 nominations."  
 ## [721] "Nominated for 1 Oscar. Another 8 wins & 15 nominations."  
 ## [722] "Nominated for 1 BAFTA Film Award. Another 23 wins & 93 nominations."  
 ## [723] "Won 1 Oscar. Another 8 wins & 2 nominations."  
 ## [724] "Nominated for 1 Oscar. Another 4 wins & 3 nominations."  
 ## [725] "Nominated for 2 Oscars. Another 2 wins & 17 nominations."  
 ## [726] "Nominated for 2 Oscars. Another 3 wins & 20 nominations."  
 ## [727] "Nominated for 1 Oscar. Another 3 nominations."  
 ## [728] "Nominated for 1 Golden Globe. Another 4 wins & 7 nominations."  
 ## [729] "Won 1 BAFTA Film Award. Another 2 nominations."  
 ## [730] "Won 1 Primetime Emmy. Another 5 wins & 16 nominations."  
 ## [731] "Nominated for 1 Golden Globe. Another 10 wins & 18 nominations."  
 ## [732] "9 wins & 17 nominations."  
 ## [733] "Nominated for 1 BAFTA Film Award. Another 10 wins & 6 nominations."  
 ## [734] "Nominated for 1 Oscar. Another 42 wins & 25 nominations."  
 ## [735] "Won 1 BAFTA Film Award. Another 8 wins & 3 nominations."  
 ## [736] "15 wins & 25 nominations."  
 ## [737] "Nominated for 1 Golden Globe. Another 11 wins & 11 nominations."  
 ## [738] "Won 1 Oscar. Another 17 wins & 38 nominations."  
 ## [739] "12 wins & 3 nominations."  
 ## [740] "Won 2 Oscars. Another 73 wins & 52 nominations."  
 ## [741] "Nominated for 1 Golden Globe. Another 5 wins & 14 nominations."  
 ## [742] "Nominated for 1 Oscar. Another 4 wins & 5 nominations."  
 ## [743] "Nominated for 2 Oscars. Another 2 wins & 7 nominations."  
 ## [744] "Nominated for 4 Oscars. Another 9 wins & 20 nominations."  
 ## [745] "Won 1 Oscar. Another 32 wins & 33 nominations."  
 ## [746] "Nominated for 1 Oscar. Another 4 wins & 8 nominations."  
 ## [747] "Nominated for 1 Oscar. Another 9 wins & 14 nominations."  
 ## [748] "Won 1 Oscar. Another 25 wins & 37 nominations."  
 ## [749] "Won 1 Oscar. Another 20 wins & 12 nominations."  
 ## [750] "Nominated for 1 Golden Globe. Another 14 wins & 10 nominations."

## [751] "Nominated for 1 Oscar. Another 15 wins & 16 nominations."  
 ## [752] "Nominated for 1 Oscar. Another 5 wins & 4 nominations."  
 ## [753] "Nominated for 1 Golden Globe. Another 7 wins & 5 nominations."  
 ## [754] "Nominated for 1 Oscar. Another 4 wins & 12 nominations."  
 ## [755] "Nominated for 2 Oscars. Another 4 wins & 15 nominations."  
 ## [756] "Won 2 Oscars. Another 3 wins & 11 nominations."  
 ## [757] "Nominated for 1 Oscar. Another 10 wins & 10 nominations."  
 ## [758] "Nominated for 1 Golden Globe. Another 3 wins & 4 nominations."  
 ## [759] "Nominated for 1 Oscar. Another 21 wins & 14 nominations."  
 ## [760] "Nominated for 1 Oscar. Another 14 wins & 26 nominations."  
 ## [761] "Nominated for 5 Oscars. Another 33 wins & 36 nominations."  
 ## [762] "7 wins & 18 nominations."  
 ## [763] "Won 1 Oscar. Another 44 wins & 48 nominations."  
 ## [764] "Nominated for 1 BAFTA Film Award. Another 6 nominations."  
 ## [765] "Won 1 Oscar. Another 13 wins & 11 nominations."  
 ## [766] "Nominated for 1 Oscar. Another 3 wins & 5 nominations."  
 ## [767] "Nominated for 1 Oscar. Another 20 wins & 26 nominations."  
 ## [768] "Nominated for 2 Oscars. Another 10 wins & 13 nominations."  
 ## [769] "Nominated for 1 Oscar. Another 3 wins & 2 nominations."  
 ## [770] "Won 1 Oscar. Another 9 wins & 4 nominations."  
 ## [771] "Won 2 Oscars. Another 24 wins & 49 nominations."  
 ## [772] "Won 1 Oscar. Another 18 wins & 23 nominations."  
 ## [773] "Nominated for 3 Oscars. Another 9 wins & 21 nominations."  
 ## [774] "Won 5 Oscars. Another 26 wins & 29 nominations."  
 ## [775] "Nominated for 1 BAFTA Film Award. Another 7 wins & 7 nominations."  
 ## [776] "Nominated for 1 Oscar. Another 3 wins & 9 nominations."  
 ## [777] "Nominated for 3 Oscars. Another 5 wins & 6 nominations."  
 ## [778] "Won 1 Oscar. Another 20 wins & 19 nominations."  
 ## [779] "8 wins & 21 nominations."  
 ## [780] "Won 1 Golden Globe. Another 5 wins & 15 nominations."  
 ## [781] "Nominated for 2 BAFTA Film Awards. Another 2 wins & 6 nominations."  
 ## [782] "Won 1 Oscar. Another 30 wins & 27 nominations."  
 ## [783] "15 wins & 1 nomination."  
 ## [784] "Won 1 Oscar. Another 11 wins & 11 nominations."  
 ## [785] "48 wins & 59 nominations."  
 ## [786] "Nominated for 1 BAFTA Film Award. Another 6 wins & 14 nominations."  
 ## [787] "Nominated for 4 Oscars. Another 10 wins & 13 nominations."  
 ## [788] "14 wins & 15 nominations."  
 ## [789] "Won 1 Oscar. Another 6 wins & 3 nominations."  
 ## [790] "Won 2 Oscars. Another 13 wins & 6 nominations."  
 ## [791] "Won 2 Oscars. Another 2 nominations."  
 ## [792] "Nominated for 2 Oscars. Another 6 wins & 10 nominations."  
 ## [793] "Won 1 Oscar. Another 5 wins & 8 nominations."  
 ## [794] "Nominated for 1 Oscar. Another 25 wins & 34 nominations."  
 ## [795] "Won 1 Oscar. Another 31 wins & 45 nominations."  
 ## [796] "14 wins & 5 nominations."  
 ## [797] "Won 1 Golden Globe. Another 6 wins & 12 nominations."  
 ## [798] "Nominated for 2 Oscars. Another 9 wins & 18 nominations."  
 ## [799] "Nominated for 1 Oscar. Another 5 wins & 8 nominations."  
 ## [800] "Nominated for 1 BAFTA Film Award. Another 1 win & 6 nominations."  
 ## [801] "Nominated for 1 Oscar. Another 6 wins."  
 ## [802] "Nominated for 1 Oscar. Another 19 wins & 2 nominations."  
 ## [803] "Won 1 Oscar. Another 3 wins & 5 nominations."  
 ## [804] "16 wins & 2 nominations."

## [805] "Won 1 Oscar. Another 18 wins & 47 nominations."  
 ## [806] "Won 1 Oscar. Another 18 wins & 15 nominations."  
 ## [807] "8 wins & 18 nominations."  
 ## [808] "Nominated for 2 Oscars. Another 3 wins & 6 nominations."  
 ## [809] "Nominated for 1 Golden Globe. Another 2 wins & 10 nominations."  
 ## [810] "Nominated for 1 Golden Globe. Another 2 wins & 2 nominations."  
 ## [811] "Nominated for 1 Oscar. Another 5 wins & 2 nominations."  
 ## [812] "Won 2 Oscars. Another 22 wins & 15 nominations."  
 ## [813] "Won 6 Oscars. Another 37 wins & 51 nominations."  
 ## [814] "Nominated for 2 Oscars. Another 23 wins & 20 nominations."  
 ## [815] "Nominated for 1 Oscar. Another 17 wins & 13 nominations."  
 ## [816] "Nominated for 1 Oscar. Another 21 wins & 7 nominations."  
 ## [817] "Nominated for 2 Oscars. Another 18 wins & 21 nominations."  
 ## [818] "19 wins & 13 nominations."  
 ## [819] "Won 1 Oscar. Another 1 win & 8 nominations."  
 ## [820] "Nominated for 3 Oscars. Another 5 wins & 14 nominations."  
 ## [821] "4 wins & 29 nominations."  
 ## [822] "Won 1 Oscar. Another 1 nomination."  
 ## [823] "Won 3 Oscars. Another 5 wins & 1 nomination."  
 ## [824] "Nominated for 1 Golden Globe. Another 8 wins & 10 nominations."  
 ## [825] "Nominated for 1 Oscar. Another 5 wins & 5 nominations."  
 ## [826] "Nominated for 2 Oscars. Another 5 wins & 6 nominations."  
 ## [827] "21 wins & 9 nominations."  
 ## [828] "22 wins & 6 nominations."  
 ## [829] "Won 1 Oscar. Another 54 wins & 60 nominations."  
 ## [830] "Nominated for 4 Oscars. Another 5 wins & 24 nominations."  
 ## [831] "14 wins & 1 nomination."  
 ## [832] "Nominated for 2 Oscars. Another 3 wins & 3 nominations."  
 ## [833] "Won 1 Oscar. Another 4 wins."  
 ## [834] "Nominated for 1 Oscar. Another 7 wins & 15 nominations."  
 ## [835] "Won 2 Oscars. Another 17 wins & 22 nominations."  
 ## [836] "Nominated for 1 Oscar. Another 4 nominations."  
 ## [837] "Won 1 Oscar. Another 2 wins & 3 nominations."  
 ## [838] "Won 1 Oscar. Another 3 wins & 10 nominations."  
 ## [839] "9 wins & 11 nominations."  
 ## [840] "Won 3 Golden Globes. Another 7 wins & 9 nominations."  
 ## [841] "Nominated for 2 Golden Globes. Another 1 win & 2 nominations."  
 ## [842] "Nominated for 3 Oscars. Another 1 win & 7 nominations."  
 ## [843] "Nominated for 1 Oscar. Another 7 wins & 1 nomination."  
 ## [844] "Won 1 Oscar. Another 1 win."  
 ## [845] "Won 1 BAFTA Film Award. Another 5 wins & 8 nominations."  
 ## [846] "Won 1 Golden Globe. Another 2 nominations."  
 ## [847] "Nominated for 7 Oscars. Another 7 wins & 21 nominations."  
 ## [848] "Nominated for 1 Golden Globe. Another 1 nomination."  
 ## [849] "Won 3 Oscars. Another 28 wins & 17 nominations."  
 ## [850] "Won 1 Oscar. Another 9 wins & 6 nominations."  
 ## [851] "Nominated for 1 Golden Globe. Another 5 wins & 8 nominations."  
 ## [852] "Won 2 Oscars. Another 10 wins & 16 nominations."  
 ## [853] "18 wins & 5 nominations."  
 ## [854] "Won 7 Oscars. Another 71 wins & 33 nominations."  
 ## [855] "Nominated for 1 Oscar. Another 17 wins & 16 nominations."  
 ## [856] "Nominated for 2 Oscars. Another 4 wins & 12 nominations."  
 ## [857] "Nominated for 1 Oscar. Another 5 wins & 3 nominations."  
 ## [858] "Nominated for 2 Oscars. Another 3 wins & 11 nominations."

## [859] "Won 2 Oscars. Another 25 wins & 18 nominations."  
 ## [860] "Nominated for 2 Oscars. Another 5 wins & 18 nominations."  
 ## [861] "Nominated for 2 Oscars. Another 2 wins & 15 nominations."  
 ## [862] "Won 1 Oscar. Another 24 wins & 14 nominations."  
 ## [863] "Nominated for 1 Golden Globe. Another 4 wins & 2 nominations."  
 ## [864] "Nominated for 3 Oscars. Another 3 wins & 11 nominations."  
 ## [865] "Nominated for 1 Oscar. Another 6 wins & 4 nominations."  
 ## [866] "Won 1 Oscar. Another 3 wins & 12 nominations."  
 ## [867] "Nominated for 3 Oscars. Another 4 wins & 5 nominations."  
 ## [868] "Nominated for 1 Oscar. Another 5 wins & 7 nominations."  
 ## [869] "Nominated for 2 Oscars. Another 2 wins & 4 nominations."  
 ## [870] "Nominated for 2 Golden Globes. Another 1 nomination."  
 ## [871] "Won 3 Oscars. Another 26 wins & 36 nominations."  
 ## [872] "Nominated for 2 Oscars. Another 11 wins & 9 nominations."  
 ## [873] "Nominated for 2 Oscars. Another 5 nominations."  
 ## [874] "Nominated for 2 Oscars. Another 18 wins & 14 nominations."  
 ## [875] "Nominated for 1 Oscar. Another 6 nominations."  
 ## [876] "Won 1 Oscar. Another 3 wins & 2 nominations."  
 ## [877] "Nominated for 2 Oscars. Another 15 wins & 7 nominations."  
 ## [878] "Nominated for 2 Oscars. Another 2 wins & 8 nominations."  
 ## [879] "Won 1 Oscar. Another 5 wins & 12 nominations."  
 ## [880] "Nominated for 1 Oscar. Another 7 wins & 3 nominations."  
 ## [881] "Nominated for 1 Golden Globe. Another 19 wins & 11 nominations."  
 ## [882] "Nominated for 2 Oscars. Another 10 nominations."  
 ## [883] "Nominated for 1 BAFTA Film Award. Another 15 wins & 11 nominations."  
 ## [884] "Nominated for 2 Oscars. Another 3 wins & 1 nomination."  
 ## [885] "Won 4 Oscars. Another 36 wins & 29 nominations."  
 ## [886] "Nominated for 2 Golden Globes. Another 2 nominations."  
 ## [887] "Won 1 Oscar. Another 3 wins & 7 nominations."  
 ## [888] "Nominated for 2 Golden Globes. Another 2 wins."  
 ## [889] "Won 1 Oscar. Another 9 wins & 3 nominations."  
 ## [890] "Nominated for 3 Oscars. Another 1 win & 3 nominations."  
 ## [891] "Nominated for 3 Oscars. Another 13 wins & 12 nominations."  
 ## [892] "Won 2 Oscars. Another 25 wins & 21 nominations."  
 ## [893] "Won 2 Oscars. Another 10 wins & 31 nominations."  
 ## [894] "Nominated for 2 Oscars. Another 4 wins & 14 nominations."  
 ## [895] "Won 1 Oscar. Another 7 wins & 6 nominations."  
 ## [896] "Nominated for 1 BAFTA Film Award. Another 13 wins & 11 nominations."  
 ## [897] "16 wins & 4 nominations."  
 ## [898] "Nominated for 2 Oscars. Another 6 wins & 8 nominations."  
 ## [899] "Won 2 Primetime Emmys. Another 5 wins & 5 nominations."  
 ## [900] "16 wins & 12 nominations."  
 ## [901] "Nominated for 5 Oscars. Another 5 wins & 12 nominations."  
 ## [902] "Won 2 Oscars. Another 16 wins & 25 nominations."  
 ## [903] "Won 1 Oscar. Another 5 wins."  
 ## [904] "Won 1 Oscar. Another 7 wins & 15 nominations."  
 ## [905] "14 wins & 8 nominations."  
 ## [906] "25 wins & 8 nominations."  
 ## [907] "Nominated for 1 BAFTA Film Award. Another 3 wins & 2 nominations."  
 ## [908] "Nominated for 2 Oscars. Another 5 wins & 12 nominations."  
 ## [909] "Nominated for 1 Oscar. Another 16 wins & 17 nominations."  
 ## [910] "Nominated for 2 Golden Globes. Another 6 wins & 54 nominations."  
 ## [911] "Nominated for 2 Oscars. Another 1 win & 5 nominations."  
 ## [912] "Won 3 Oscars. Another 15 wins & 18 nominations."

## [913] "Won 4 Oscars. Another 20 wins & 22 nominations."  
 ## [914] "Won 1 Oscar. Another 16 wins & 38 nominations."  
 ## [915] "Nominated for 1 Golden Globe. Another 9 wins & 6 nominations."  
 ## [916] "Won 1 BAFTA Film Award. Another 15 wins & 7 nominations."  
 ## [917] "12 wins & 19 nominations."  
 ## [918] "Nominated for 3 Oscars. Another 6 wins & 8 nominations."  
 ## [919] "Won 1 Oscar. Another 30 wins & 23 nominations."  
 ## [920] "Won 7 Oscars. Another 43 wins & 32 nominations."  
 ## [921] "Won 3 Oscars. Another 6 wins & 30 nominations."  
 ## [922] "Nominated for 1 Oscar. Another 6 wins & 15 nominations."  
 ## [923] "Nominated for 1 Oscar. Another 8 wins & 5 nominations."  
 ## [924] "Won 2 Oscars. Another 16 wins & 22 nominations."  
 ## [925] "Nominated for 2 Oscars. Another 10 wins & 4 nominations."  
 ## [926] "Nominated for 1 Golden Globe. Another 1 win & 5 nominations."  
 ## [927] "24 wins & 14 nominations."  
 ## [928] "Nominated for 1 BAFTA Film Award. Another 1 win & 3 nominations."  
 ## [929] "Nominated for 1 Golden Globe. Another 4 wins."  
 ## [930] "Won 1 Oscar. Another 3 wins & 8 nominations."  
 ## [931] "Nominated for 1 Oscar. Another 6 wins & 8 nominations."  
 ## [932] "Nominated for 2 Oscars. Another 2 wins & 9 nominations."  
 ## [933] "Won 1 Oscar. Another 11 wins & 15 nominations."  
 ## [934] "14 wins."  
 ## [935] "Nominated for 2 Oscars. Another 7 wins & 13 nominations."  
 ## [936] "Nominated for 1 Golden Globe. Another 1 win."  
 ## [937] "Nominated for 1 Oscar. Another 3 wins & 6 nominations."  
 ## [938] "Nominated for 1 Oscar. Another 11 wins & 33 nominations."  
 ## [939] "Nominated for 1 Oscar. Another 9 wins & 7 nominations."  
 ## [940] "Won 1 Oscar. Another 9 wins & 22 nominations."  
 ## [941] "Nominated for 2 Oscars. Another 2 wins & 1 nomination."  
 ## [942] "Won 2 Oscars. Another 13 wins & 23 nominations."  
 ## [943] "Nominated for 3 Oscars. Another 13 wins & 19 nominations."  
 ## [944] "Won 1 Oscar. Another 17 wins & 18 nominations."  
 ## [945] "Nominated for 2 Oscars. Another 15 wins & 11 nominations."  
 ## [946] "Won 4 Oscars. Another 17 wins & 21 nominations."  
 ## [947] "Nominated for 3 Oscars. Another 4 wins & 6 nominations."  
 ## [948] "Nominated for 1 Golden Globe. Another 31 wins & 34 nominations."  
 ## [949] "Won 3 Oscars. Another 11 wins & 16 nominations."  
 ## [950] "Won 1 Oscar. Another 9 wins & 13 nominations."  
 ## [951] "Won 1 BAFTA Film Award. Another 1 win & 10 nominations."  
 ## [952] "Won 1 Oscar. Another 5 wins & 20 nominations."  
 ## [953] "8 wins & 59 nominations."  
 ## [954] "Nominated for 1 Oscar. Another 31 wins & 40 nominations."  
 ## [955] "32 wins & 85 nominations."  
 ## [956] "Won 2 Oscars. Another 20 wins & 19 nominations."  
 ## [957] "Nominated for 2 Oscars. Another 4 wins & 10 nominations."  
 ## [958] "Nominated for 1 Oscar. Another 14 wins & 20 nominations."  
 ## [959] "Nominated for 2 Oscars. Another 4 wins & 7 nominations."  
 ## [960] "Nominated for 1 Oscar. Another 4 wins & 15 nominations."  
 ## [961] "Won 2 Oscars. Another 32 wins & 62 nominations."  
 ## [962] "Nominated for 2 Oscars. Another 11 wins & 12 nominations."  
 ## [963] "Won 1 Oscar. Another 8 wins & 9 nominations."  
 ## [964] "Nominated for 1 Oscar. Another 7 wins & 4 nominations."  
 ## [965] "Nominated for 1 Golden Globe. Another 6 wins & 4 nominations."  
 ## [966] "Nominated for 2 Oscars. Another 5 wins & 2 nominations."

## [967] "Won 3 Oscars. Another 16 wins & 20 nominations."  
 ## [968] "20 wins & 13 nominations."  
 ## [969] "Nominated for 3 Golden Globes. Another 19 wins & 39 nominations."  
 ## [970] "Won 1 Golden Globe. Another 1 win & 6 nominations."  
 ## [971] "Nominated for 2 Golden Globes. Another 2 wins & 1 nomination."  
 ## [972] "Won 1 Oscar. Another 16 wins & 24 nominations."  
 ## [973] "Won 4 Oscars. Another 22 wins & 21 nominations."  
 ## [974] "Won 1 Oscar. Another 1 win & 1 nomination."  
 ## [975] "8 wins & 22 nominations."  
 ## [976] "Nominated for 1 Oscar. Another 12 wins & 7 nominations."  
 ## [977] "Won 1 Golden Globe. Another 2 wins & 15 nominations."  
 ## [978] "47 wins & 50 nominations."  
 ## [979] "Nominated for 1 Oscar. Another 11 wins & 6 nominations."  
 ## [980] "18 wins & 40 nominations."  
 ## [981] "Nominated for 3 Oscars. Another 8 wins & 6 nominations."  
 ## [982] "Won 3 Oscars. Another 19 wins & 21 nominations."  
 ## [983] "Nominated for 2 Oscars. Another 1 win & 9 nominations."  
 ## [984] "Nominated for 1 Oscar. Another 5 wins & 49 nominations."  
 ## [985] "Won 1 Oscar. Another 8 wins & 16 nominations."  
 ## [986] "Nominated for 1 Golden Globe. Another 2 wins & 1 nomination."  
 ## [987] "Won 1 BAFTA Film Award. Another 2 wins & 3 nominations."  
 ## [988] "Nominated for 2 Oscars. Another 27 wins & 10 nominations."  
 ## [989] "Nominated for 2 Golden Globes. Another 3 nominations."  
 ## [990] "Nominated for 7 Oscars. Another 13 wins & 16 nominations."  
 ## [991] "Nominated for 3 Oscars. Another 5 wins & 11 nominations."  
 ## [992] "Nominated for 6 Oscars. Another 12 wins & 10 nominations."  
 ## [993] "Nominated for 6 Oscars. Another 7 wins & 16 nominations."  
 ## [994] "10 wins & 38 nominations."  
 ## [995] "Won 1 Oscar. Another 1 win & 7 nominations."  
 ## [996] "Nominated for 5 Oscars. Another 16 wins & 24 nominations."  
 ## [997] "Nominated for 1 Golden Globe. Another 6 wins & 3 nominations."  
 ## [998] "Won 1 Oscar. Another 4 nominations."  
 ## [999] "Nominated for 2 Oscars. Another 2 wins & 2 nominations."  
 ## [1000] "Nominated for 1 Golden Globe. Another 2 wins."  
 ## [1001] "Nominated for 2 BAFTA Film Awards. Another 1 win."  
 ## [1002] "Nominated for 2 Oscars. Another 3 wins & 7 nominations."  
 ## [1003] "Nominated for 1 Golden Globe. Another 3 wins & 1 nomination."  
 ## [1004] "Nominated for 1 Golden Globe. Another 48 wins & 88 nominations."  
 ## [1005] "Nominated for 1 Oscar. Another 2 wins & 3 nominations."  
 ## [1006] "16 wins & 1 nomination."  
 ## [1007] "10 wins & 23 nominations."  
 ## [1008] "Won 1 Oscar. Another 9 wins & 11 nominations."  
 ## [1009] "Nominated for 1 Oscar. Another 18 wins & 16 nominations."  
 ## [1010] "Nominated for 2 Golden Globes. Another 7 wins & 19 nominations."  
 ## [1011] "Won 1 Oscar. Another 4 wins & 12 nominations."  
 ## [1012] "Nominated for 3 Oscars. Another 3 wins & 1 nomination."  
 ## [1013] "Nominated for 1 Oscar. Another 3 wins & 7 nominations."  
 ## [1014] "Nominated for 2 Golden Globes. Another 1 win & 3 nominations."  
 ## [1015] "Won 1 Golden Globe. Another 2 wins & 5 nominations."  
 ## [1016] "Won 3 Oscars. Another 21 wins & 26 nominations."  
 ## [1017] "Won 3 Oscars. Another 12 wins & 17 nominations."  
 ## [1018] "Nominated for 1 Golden Globe. Another 11 wins & 16 nominations."  
 ## [1019] "Nominated for 1 BAFTA Film Award. Another 3 nominations."  
 ## [1020] "Nominated for 2 Oscars. Another 2 wins & 11 nominations."

## [1021] "Won 2 Oscars. Another 68 wins & 104 nominations."  
 ## [1022] "Nominated for 1 Oscar. Another 13 wins & 13 nominations."  
 ## [1023] "Nominated for 3 Oscars. Another 3 wins & 9 nominations."  
 ## [1024] "Won 4 Oscars. Another 19 wins & 14 nominations."  
 ## [1025] "Won 1 Oscar. Another 2 wins & 1 nomination."  
 ## [1026] "Nominated for 1 BAFTA Film Award. Another 4 wins & 1 nomination."  
 ## [1027] "Nominated for 3 Golden Globes. Another 2 wins & 3 nominations."  
 ## [1028] "Nominated for 4 Oscars. Another 3 wins & 13 nominations."  
 ## [1029] "Won 1 Oscar. Another 10 wins & 5 nominations."  
 ## [1030] "Won 2 Primetime Emmys. Another 1 nomination."  
 ## [1031] "Nominated for 1 Golden Globe. Another 5 wins & 6 nominations."  
 ## [1032] "Nominated for 1 Golden Globe. Another 3 wins & 8 nominations."  
 ## [1033] "Nominated for 3 Oscars. Another 1 win & 2 nominations."  
 ## [1034] "Won 1 Oscar. Another 18 wins & 26 nominations."  
 ## [1035] "Nominated for 2 Oscars. Another 8 wins & 3 nominations."  
 ## [1036] "Nominated for 2 BAFTA Film Awards. Another 6 wins & 5 nominations."  
 ## [1037] "Won 1 Oscar. Another 10 wins & 11 nominations."  
 ## [1038] "Nominated for 2 Oscars. Another 4 wins & 5 nominations."  
 ## [1039] "Nominated for 1 BAFTA Film Award. Another 2 wins."  
 ## [1040] "Nominated for 1 Golden Globe. Another 1 win & 7 nominations."  
 ## [1041] "Won 1 Oscar. Another 2 wins & 6 nominations."  
 ## [1042] "Nominated for 2 Oscars. Another 2 nominations."  
 ## [1043] "Nominated for 1 Oscar. Another 5 wins & 6 nominations."  
 ## [1044] "Won 7 Oscars. Another 22 wins & 28 nominations."  
 ## [1045] "Nominated for 2 BAFTA Film Awards. Another 2 wins & 3 nominations."  
 ## [1046] "Won 1 Oscar. Another 24 wins & 25 nominations."  
 ## [1047] "Won 1 Oscar. Another 25 wins & 22 nominations."  
 ## [1048] "Won 11 Oscars. Another 174 wins & 113 nominations."  
 ## [1049] "Nominated for 3 Oscars. Another 2 wins & 5 nominations."  
 ## [1050] "Nominated for 1 BAFTA Film Award. Another 3 wins & 11 nominations."  
 ## [1051] "Won 1 Oscar. Another 2 wins & 2 nominations."  
 ## [1052] "Won 2 Oscars. Another 10 wins & 26 nominations."  
 ## [1053] "Nominated for 2 Golden Globes. Another 1 win & 7 nominations."  
 ## [1054] "Won 8 Oscars. Another 33 wins & 14 nominations."  
 ## [1055] "Nominated for 3 BAFTA Film Awards. Another 1 win & 1 nomination."  
 ## [1056] "Nominated for 2 BAFTA Film Awards. Another 2 wins & 1 nomination."  
 ## [1057] "Nominated for 1 Oscar. Another 3 wins & 8 nominations."  
 ## [1058] "Nominated for 2 Oscars. Another 1 win & 4 nominations."  
 ## [1059] "Nominated for 1 Oscar. Another 11 wins & 47 nominations."  
 ## [1060] "Nominated for 3 Oscars. Another 3 wins & 12 nominations."  
 ## [1061] "Won 1 Oscar. Another 6 wins & 20 nominations."  
 ## [1062] "Won 4 Oscars. Another 16 wins & 14 nominations."  
 ## [1063] "Nominated for 2 Golden Globes. Another 11 wins & 7 nominations."  
 ## [1064] "Nominated for 1 Golden Globe. Another 15 wins & 8 nominations."  
 ## [1065] "Won 2 Oscars. Another 11 wins & 14 nominations."  
 ## [1066] "Won 1 Oscar. Another 4 wins & 4 nominations."  
 ## [1067] "Nominated for 1 Oscar. Another 8 wins & 3 nominations."  
 ## [1068] "Nominated for 1 Oscar. Another 2 wins & 8 nominations."  
 ## [1069] "Nominated for 2 Oscars. Another 3 wins & 5 nominations."  
 ## [1070] "Nominated for 1 BAFTA Film Award. Another 4 wins & 2 nominations."  
 ## [1071] "Nominated for 4 Oscars. Another 2 wins & 3 nominations."  
 ## [1072] "Won 1 BAFTA Film Award. Another 6 wins & 6 nominations."  
 ## [1073] "Nominated for 1 BAFTA Film Award. Another 3 wins & 1 nomination."  
 ## [1074] "Nominated for 3 Oscars. Another 6 wins & 5 nominations."

## [1075] "Won 1 Oscar. Another 10 wins & 14 nominations."  
 ## [1076] "Won 1 Oscar. Another 4 wins & 1 nomination."  
 ## [1077] "Won 1 BAFTA Film Award. Another 1 win & 8 nominations."  
 ## [1078] "Won 1 BAFTA Film Award. Another 3 wins & 6 nominations."  
 ## [1079] "Won 1 BAFTA Film Award. Another 8 wins & 6 nominations."  
 ## [1080] "Won 1 Oscar. Another 19 wins & 1 nomination."  
 ## [1081] "Nominated for 2 Oscars. Another 2 wins & 6 nominations."  
 ## [1082] "Nominated for 1 Oscar. Another 13 wins & 7 nominations."  
 ## [1083] "Nominated for 3 Golden Globes. Another 4 nominations."  
 ## [1084] "Nominated for 5 Oscars. Another 2 wins & 13 nominations."  
 ## [1085] "Nominated for 4 Oscars. Another 16 wins & 16 nominations."  
 ## [1086] "Won 2 Oscars. Another 7 wins & 13 nominations."  
 ## [1087] "Won 5 Oscars. Another 26 wins & 17 nominations."  
 ## [1088] "Nominated for 1 Oscar. Another 2 wins & 5 nominations."  
 ## [1089] "Nominated for 3 Oscars. Another 4 wins & 11 nominations."  
 ## [1090] "Nominated for 5 Oscars. Another 43 wins & 106 nominations."  
 ## [1091] "Won 1 Oscar. Another 5 wins & 14 nominations."  
 ## [1092] "Nominated for 2 Oscars. Another 6 wins & 14 nominations."  
 ## [1093] "Nominated for 2 Golden Globes. Another 12 wins & 26 nominations."  
 ## [1094] "Nominated for 2 Oscars. Another 11 wins & 16 nominations."  
 ## [1095] "6 wins & 19 nominations."  
 ## [1096] "Won 1 Golden Globe. Another 1 win & 9 nominations."  
 ## [1097] "Won 4 Oscars. Another 46 wins & 32 nominations."  
 ## [1098] "Nominated for 1 Golden Globe. Another 4 wins & 3 nominations."  
 ## [1099] "Won 8 Oscars. Another 27 wins & 20 nominations."  
 ## [1100] "Won 1 Oscar. Another 9 wins & 17 nominations."  
 ## [1101] "Won 2 BAFTA Film Awards. Another 1 nomination."  
 ## [1102] "Nominated for 3 Oscars. Another 4 wins & 4 nominations."  
 ## [1103] "Nominated for 2 Golden Globes. Another 5 nominations."  
 ## [1104] "Won 1 Oscar. Another 12 wins & 11 nominations."  
 ## [1105] "Won 1 Oscar. Another 24 wins & 29 nominations."  
 ## [1106] "Nominated for 1 Golden Globe. Another 6 wins & 1 nomination."  
 ## [1107] "Won 1 Oscar. Another 86 wins & 85 nominations."  
 ## [1108] "Nominated for 3 Oscars. Another 3 wins & 5 nominations."  
 ## [1109] "Won 4 Oscars. Another 14 wins & 19 nominations."  
 ## [1110] "Nominated for 1 Oscar. Another 2 wins & 10 nominations."  
 ## [1111] "Nominated for 1 BAFTA Film Award. Another 7 wins & 8 nominations."  
 ## [1112] "Nominated for 1 Oscar. Another 2 wins & 9 nominations."  
 ## [1113] "Nominated for 1 Golden Globe. Another 11 wins & 5 nominations."  
 ## [1114] "Won 1 BAFTA Film Award. Another 1 win & 3 nominations."  
 ## [1115] "Nominated for 1 Oscar. Another 8 nominations."  
 ## [1116] "Won 1 Oscar. Another 12 wins & 4 nominations."  
 ## [1117] "Won 3 Oscars. Another 11 wins & 23 nominations."  
 ## [1118] "Nominated for 3 Oscars. Another 3 wins & 6 nominations."  
 ## [1119] "Nominated for 1 Oscar. Another 4 wins & 14 nominations."  
 ## [1120] "Nominated for 1 Golden Globe. Another 4 wins & 4 nominations."  
 ## [1121] "Nominated for 8 Oscars. Another 2 wins & 13 nominations."  
 ## [1122] "Won 3 Oscars. Another 19 wins & 34 nominations."  
 ## [1123] "Nominated for 1 Oscar. Another 13 wins & 6 nominations."  
 ## [1124] "Nominated for 1 Golden Globe. Another 2 wins & 6 nominations."  
 ## [1125] "Nominated for 5 Oscars. Another 25 wins & 16 nominations."  
 ## [1126] "Won 1 Oscar. Another 8 wins & 13 nominations."  
 ## [1127] "Nominated for 1 Golden Globe. Another 1 win & 9 nominations."  
 ## [1128] "Won 2 Oscars. Another 4 wins & 17 nominations."



## [1129] "Nominated for 2 BAFTA Film Awards. Another 2 wins & 9 nominations."  
 ## [1130] "Nominated for 2 Oscars. Another 20 wins & 3 nominations."  
 ## [1131] "7 wins & 10 nominations."  
 ## [1132] "Won 1 Primetime Emmy. Another 1 nomination."  
 ## [1133] "Won 2 Oscars. Another 15 wins & 9 nominations."  
 ## [1134] "Won 4 Oscars. Another 15 wins & 14 nominations."  
 ## [1135] "Won 2 Oscars. Another 22 wins & 24 nominations."  
 ## [1136] "Won 1 Oscar. Another 16 wins & 18 nominations."  
 ## [1137] "17 wins & 7 nominations."  
 ## [1138] "Nominated for 2 Golden Globes. Another 4 nominations."  
 ## [1139] "Nominated for 2 Oscars. Another 1 win & 1 nomination."  
 ## [1140] "Nominated for 2 Oscars. Another 9 nominations."  
 ## [1141] "Nominated for 3 Oscars. Another 2 nominations."  
 ## [1142] "Won 1 Oscar. Another 16 wins & 19 nominations."  
 ## [1143] "Won 4 Oscars. Another 6 wins & 14 nominations."  
 ## [1144] "Won 2 Oscars. Another 18 wins & 32 nominations."  
 ## [1145] "Won 1 Primetime Emmy. Another 6 nominations."  
 ## [1146] "Won 1 Oscar. Another 12 wins & 15 nominations."  
 ## [1147] "Nominated for 2 BAFTA Film Awards. Another 4 wins & 2 nominations."  
 ## [1148] "Nominated for 2 Golden Globes. Another 2 wins & 2 nominations."  
 ## [1149] "Nominated for 2 Primetime Emmys. Another 5 nominations."  
 ## [1150] "Won 5 Oscars. Another 32 wins & 23 nominations."  
 ## [1151] "Nominated for 1 Golden Globe. Another 3 wins & 3 nominations."  
 ## [1152] "Nominated for 2 Oscars. Another 15 wins & 21 nominations."  
 ## [1153] "Won 2 Primetime Emmys. Another 1 win & 6 nominations."  
 ## [1154] "Nominated for 1 Oscar. Another 11 wins & 7 nominations."  
 ## [1155] "Won 2 Oscars. Another 10 wins & 6 nominations."  
 ## [1156] "Nominated for 3 Oscars. Another 3 wins & 16 nominations."  
 ## [1157] "Won 3 Oscars. Another 12 wins & 14 nominations."  
 ## [1158] "8 wins & 16 nominations."  
 ## [1159] "13 wins & 14 nominations."  
 ## [1160] "Nominated for 2 Golden Globes. Another 6 wins & 5 nominations."  
 ## [1161] "Won 1 Oscar. Another 4 wins & 10 nominations."  
 ## [1162] "Won 3 Oscars. Another 11 wins & 14 nominations."  
 ## [1163] "Won 1 Oscar. Another 12 wins & 12 nominations."  
 ## [1164] "Won 1 Oscar. Another 4 wins & 5 nominations."  
 ## [1165] "Nominated for 5 Oscars. Another 9 wins & 11 nominations."  
 ## [1166] "Won 3 Oscars. Another 10 wins & 16 nominations."  
 ## [1167] "Won 4 Oscars. Another 108 wins & 122 nominations."  
 ## [1168] "Nominated for 1 Golden Globe. Another 2 wins & 4 nominations."  
 ## [1169] "Won 2 Oscars. Another 14 wins & 14 nominations."  
 ## [1170] "Nominated for 3 Golden Globes. Another 3 wins & 7 nominations."  
 ## [1171] "Nominated for 4 Oscars. Another 1 win & 3 nominations."  
 ## [1172] "Nominated for 3 Oscars. Another 15 wins & 17 nominations."  
 ## [1173] "Nominated for 1 BAFTA Film Award. Another 3 wins & 4 nominations."  
 ## [1174] "Won 4 Oscars. Another 26 wins & 8 nominations."  
 ## [1175] "Won 1 Oscar. Another 13 wins & 37 nominations."  
 ## [1176] "Nominated for 3 Oscars. Another 5 wins & 4 nominations."  
 ## [1177] "Won 3 Oscars. Another 18 wins & 24 nominations."  
 ## [1178] "Nominated for 2 Oscars. Another 1 win & 3 nominations."  
 ## [1179] "Nominated for 4 Golden Globes. Another 2 wins & 2 nominations."  
 ## [1180] "Nominated for 1 BAFTA Film Award. Another 8 wins."  
 ## [1181] "Nominated for 2 Oscars. Another 4 nominations."  
 ## [1182] "Nominated for 1 Oscar. Another 4 wins & 11 nominations."

## [1183] "Nominated for 3 BAFTA Film Awards. Another 1 nomination."  
 ## [1184] "Won 4 Oscars. Another 12 wins & 21 nominations."  
 ## [1185] "Won 2 Oscars. Another 4 wins & 11 nominations."  
 ## [1186] "Won 7 Oscars. Another 215 wins & 169 nominations."  
 ## [1187] "Won 1 Oscar. Another 8 wins."  
 ## [1188] "Won 3 Oscars. Another 42 wins & 92 nominations."  
 ## [1189] "Nominated for 2 Oscars. Another 7 wins & 2 nominations."  
 ## [1190] "Won 4 Oscars. Another 15 wins & 25 nominations."  
 ## [1191] "Won 3 Oscars. Another 16 wins & 21 nominations."  
 ## [1192] "Nominated for 4 Golden Globes. Another 1 win & 1 nomination."  
 ## [1193] "Nominated for 4 Oscars. Another 21 wins & 15 nominations."  
 ## [1194] "Nominated for 3 Oscars. Another 1 win & 6 nominations."  
 ## [1195] "Won 4 Oscars. Another 13 wins & 13 nominations."  
 ## [1196] "Nominated for 2 Oscars. Another 1 win."  
 ## [1197] "Won 1 Oscar. Another 7 wins."  
 ## [1198] "Nominated for 5 Oscars. Another 6 nominations."  
 ## [1199] "Won 2 Oscars. Another 43 wins & 74 nominations."  
 ## [1200] "Nominated for 1 Oscar. Another 6 wins & 2 nominations."  
 ## [1201] "Nominated for 1 Oscar. Another 39 wins & 47 nominations."  
 ## [1202] "Won 1 Oscar. Another 22 wins & 25 nominations."  
 ## [1203] "Won 1 BAFTA Film Award. Another 3 wins & 11 nominations."  
 ## [1204] "Nominated for 1 Oscar. Another 17 wins & 14 nominations."  
 ## [1205] "Won 1 Oscar. Another 5 wins & 11 nominations."  
 ## [1206] "Nominated for 3 Oscars. Another 3 wins & 2 nominations."  
 ## [1207] "Won 1 Oscar. Another 20 wins & 23 nominations."  
 ## [1208] "Won 1 Oscar. Another 3 wins & 3 nominations."  
 ## [1209] "45 wins & 31 nominations."  
 ## [1210] "Nominated for 6 Oscars. Another 7 wins & 10 nominations."  
 ## [1211] "Won 1 BAFTA Film Award. Another 2 wins & 1 nomination."  
 ## [1212] "Won 1 Oscar. Another 21 wins & 29 nominations."  
 ## [1213] "Nominated for 2 Oscars. Another 10 wins & 5 nominations."  
 ## [1214] "Won 1 Primetime Emmy. Another 1 win & 3 nominations."  
 ## [1215] "Won 1 Oscar. Another 17 wins & 8 nominations."  
 ## [1216] "Nominated for 5 Oscars. Another 9 wins & 8 nominations."  
 ## [1217] "12 wins & 26 nominations."  
 ## [1218] "Won 1 BAFTA Film Award. Another 1 nomination."  
 ## [1219] "Nominated for 3 Primetime Emmys. Another 1 nomination."  
 ## [1220] "Won 1 BAFTA Film Award. Another 8 nominations."  
 ## [1221] "Nominated for 1 Oscar. Another 3 wins & 11 nominations."  
 ## [1222] "Won 2 Oscars. Another 5 nominations."  
 ## [1223] "Won 1 Oscar. Another 7 wins & 10 nominations."  
 ## [1224] "Won 1 Oscar. Another 1 win & 5 nominations."  
 ## [1225] "Won 1 Golden Globe. Another 6 nominations."  
 ## [1226] "Won 8 Oscars. Another 27 wins & 15 nominations."  
 ## [1227] "Nominated for 3 Oscars. Another 2 wins & 10 nominations."  
 ## [1228] "Nominated for 4 Golden Globes. Another 2 wins & 3 nominations."  
 ## [1229] "Nominated for 2 BAFTA Film Awards. Another 1 nomination."  
 ## [1230] "Nominated for 5 Oscars. Another 5 wins & 3 nominations."  
 ## [1231] "Nominated for 4 Oscars. Another 5 wins & 7 nominations."  
 ## [1232] "Nominated for 4 Oscars. Another 4 wins & 8 nominations."  
 ## [1233] "Won 1 Oscar. Another 10 nominations."  
 ## [1234] "Nominated for 3 Oscars. Another 3 wins & 7 nominations."  
 ## [1235] "Won 3 Oscars. Another 6 wins & 13 nominations."  
 ## [1236] "Nominated for 1 Golden Globe. Another 3 wins & 2 nominations."

## [1237] "Won 1 Oscar. Another 8 wins & 5 nominations."  
 ## [1238] "Nominated for 4 Oscars. Another 3 wins & 4 nominations."  
 ## [1239] "Nominated for 5 Oscars. Another 2 wins & 5 nominations."  
 ## [1240] "Won 2 Oscars. Another 1 win & 11 nominations."  
 ## [1241] "Won 1 Oscar. Another 3 wins & 11 nominations."  
 ## [1242] "Nominated for 4 Oscars. Another 12 wins & 7 nominations."  
 ## [1243] "Nominated for 6 BAFTA Film Awards. Another 2 wins & 2 nominations."  
 ## [1244] "14 wins & 14 nominations."  
 ## [1245] "13 wins & 11 nominations."  
 ## [1246] "Won 1 Oscar. Another 3 wins & 19 nominations."  
 ## [1247] "Nominated for 1 BAFTA Film Award. Another 4 nominations."  
 ## [1248] "Nominated for 3 Oscars. Another 1 win & 4 nominations."  
 ## [1249] "Nominated for 4 Oscars. Another 10 wins & 18 nominations."  
 ## [1250] "Nominated for 3 Oscars. Another 2 wins & 4 nominations."  
 ## [1251] "Won 1 Oscar. Another 6 wins & 7 nominations."  
 ## [1252] "Won 1 Oscar. Another 9 wins & 16 nominations."  
 ## [1253] "Won 1 Oscar. Another 8 nominations."  
 ## [1254] "Won 1 Oscar. Another 14 wins & 25 nominations."  
 ## [1255] "23 wins & 37 nominations."  
 ## [1256] "Won 7 Oscars. Another 17 wins & 8 nominations."  
 ## [1257] "Won 2 Oscars. Another 7 wins & 21 nominations."  
 ## [1258] "Nominated for 4 Oscars. Another 1 win & 6 nominations."  
 ## [1259] "Won 1 Oscar. Another 1 win & 2 nominations."  
 ## [1260] "Won 1 Oscar. Another 5 wins & 16 nominations."  
 ## [1261] "Won 1 BAFTA Film Award. Another 5 nominations."  
 ## [1262] "Nominated for 2 Oscars. Another 8 wins & 12 nominations."  
 ## [1263] "Nominated for 3 Golden Globes. Another 1 win & 2 nominations."  
 ## [1264] "Won 2 BAFTA Film Awards. Another 3 wins & 4 nominations."  
 ## [1265] "Won 1 Golden Globe. Another 4 nominations."  
 ## [1266] "Won 3 Oscars. Another 24 wins & 15 nominations."  
 ## [1267] "Won 1 Golden Globe. Another 7 wins & 8 nominations."  
 ## [1268] "Nominated for 3 Oscars. Another 3 nominations."  
 ## [1269] "Won 2 BAFTA Film Awards. Another 1 win & 1 nomination."  
 ## [1270] "Won 1 Oscar. Another 9 wins & 23 nominations."  
 ## [1271] "Nominated for 10 Oscars. Another 37 wins & 148 nominations."  
 ## [1272] "Won 1 Oscar. Another 5 wins & 18 nominations."  
 ## [1273] "Won 1 Oscar. Another 13 wins & 7 nominations."  
 ## [1274] "Won 1 Oscar. Another 6 wins & 9 nominations."  
 ## [1275] "Nominated for 3 Golden Globes. Another 1 win & 1 nomination."  
 ## [1276] "6 wins & 17 nominations."  
 ## [1277] "Nominated for 2 Oscars. Another 1 win & 7 nominations."  
 ## [1278] "Won 1 Oscar. Another 6 wins & 16 nominations."  
 ## [1279] "Won 5 Oscars. Another 7 wins & 25 nominations."  
 ## [1280] "Nominated for 4 Oscars. Another 7 wins & 5 nominations."  
 ## [1281] "Won 1 Oscar. Another 9 wins & 12 nominations."  
 ## [1282] "Won 1 Oscar. Another 1 win & 6 nominations."  
 ## [1283] "Won 6 Oscars. Another 39 wins & 28 nominations."  
 ## [1284] "Won 2 Oscars. Another 20 wins & 27 nominations."  
 ## [1285] "Won 1 BAFTA Film Award. Another 25 wins & 39 nominations."  
 ## [1286] "Won 2 Oscars. Another 7 wins & 22 nominations."  
 ## [1287] "Nominated for 4 Oscars. Another 4 wins & 5 nominations."  
 ## [1288] "Won 5 Oscars. Another 17 wins & 14 nominations."  
 ## [1289] "Won 1 Oscar. Another 4 wins & 11 nominations."  
 ## [1290] "Nominated for 1 BAFTA Film Award. Another 1 win & 2 nominations."

## [1291] "Won 1 BAFTA Film Award. Another 1 win & 4 nominations."  
 ## [1292] "Won 2 Oscars. Another 3 wins & 7 nominations."  
 ## [1293] "Won 2 Oscars. Another 2 wins & 6 nominations."  
 ## [1294] "Nominated for 4 Oscars. Another 5 wins & 13 nominations."  
 ## [1295] "Won 3 Oscars. Another 4 nominations."  
 ## [1296] "Won 2 Oscars. Another 14 wins & 15 nominations."  
 ## [1297] "Won 2 Oscars. Another 4 wins & 5 nominations."  
 ## [1298] "Nominated for 3 Oscars. Another 102 wins & 111 nominations."  
 ## [1299] "Won 5 Oscars. Another 17 wins & 23 nominations."  
 ## [1300] "Won 1 Oscar. Another 9 wins & 14 nominations."  
 ## [1301] "Won 3 Oscars. Another 15 wins & 8 nominations."  
 ## [1302] "Won 5 Oscars. Another 16 wins & 13 nominations."  
 ## [1303] "Nominated for 2 BAFTA Film Awards. Another 3 nominations."  
 ## [1304] "Nominated for 3 Oscars. Another 2 wins & 1 nomination."  
 ## [1305] "Won 2 Oscars. Another 3 wins & 13 nominations."  
 ## [1306] "Won 1 Oscar. Another 13 wins & 23 nominations."  
 ## [1307] "Nominated for 4 Oscars. Another 13 wins & 6 nominations."  
 ## [1308] "Won 1 Golden Globe. Another 2 wins & 3 nominations."  
 ## [1309] "Won 1 Golden Globe. Another 1 win & 2 nominations."  
 ## [1310] "Won 1 Golden Globe. Another 1 win."  
 ## [1311] "Nominated for 4 BAFTA Film Awards. Another 2 wins & 2 nominations."  
 ## [1312] "Won 5 Oscars. Another 15 wins & 14 nominations."  
 ## [1313] "Won 8 Oscars. Another 15 wins & 13 nominations."  
 ## [1314] "Nominated for 2 Oscars. Another 2 wins."  
 ## [1315] "Nominated for 2 Oscars. Another 4 wins & 6 nominations."  
 ## [1316] "Won 1 Oscar. Another 3 wins & 4 nominations."  
 ## [1317] "Nominated for 2 Oscars. Another 3 nominations."  
 ## [1318] "Nominated for 6 BAFTA Film Awards. Another 1 nomination."  
 ## [1319] "Nominated for 1 Golden Globe. Another 7 wins & 1 nomination."  
 ## [1320] "Nominated for 3 Oscars. Another 7 nominations."  
 ## [1321] "Won 4 Oscars. Another 2 wins & 13 nominations."  
 ## [1322] "Nominated for 1 Golden Globe. Another 2 wins & 5 nominations."  
 ## [1323] "Won 1 Oscar. Another 5 wins & 7 nominations."  
 ## [1324] "5 wins & 15 nominations."  
 ## [1325] "Won 1 Oscar. Another 10 wins & 13 nominations."  
 ## [1326] "Nominated for 5 Oscars. Another 1 win & 6 nominations."  
 ## [1327] "Nominated for 2 Oscars. Another 3 wins & 8 nominations."  
 ## [1328] "Won 4 Oscars. Another 16 wins & 20 nominations."  
 ## [1329] "Nominated for 2 Oscars. Another 5 wins & 5 nominations."  
 ## [1330] "Nominated for 3 Oscars. Another 1 win & 10 nominations."  
 ## [1331] "Nominated for 5 Golden Globes. Another 1 nomination."  
 ## [1332] "Won 3 Oscars. Another 7 wins & 5 nominations."  
 ## [1333] "Won 7 Oscars. Another 23 wins & 14 nominations."  
 ## [1334] "Won 1 Oscar. Another 14 wins & 44 nominations."  
 ## [1335] "Nominated for 4 BAFTA Film Awards. Another 1 win."  
 ## [1336] "Nominated for 2 BAFTA Film Awards. Another 1 win & 1 nomination."  
 ## [1337] "Nominated for 3 Oscars. Another 6 wins & 2 nominations."  
 ## [1338] "Nominated for 1 Oscar. Another 7 wins."  
 ## [1339] "Won 1 Oscar. Another 1 win & 11 nominations."  
 ## [1340] "Nominated for 1 BAFTA Film Award. Another 2 wins & 2 nominations."  
 ## [1341] "Won 2 Oscars. Another 10 wins & 12 nominations."  
 ## [1342] "Won 1 Golden Globe. Another 1 win & 1 nomination."  
 ## [1343] "Nominated for 3 Oscars. Another 6 wins & 11 nominations."  
 ## [1344] "Nominated for 5 Oscars. Another 1 win & 11 nominations."

## [1345] "Nominated for 5 Oscars. Another 1 win & 7 nominations."  
 ## [1346] "Won 2 Oscars. Another 13 wins & 25 nominations."  
 ## [1347] "Won 1 Oscar. Another 44 wins & 43 nominations."  
 ## [1348] "Nominated for 3 Primetime Emmys. Another 2 wins & 4 nominations."  
 ## [1349] "Nominated for 4 Oscars. Another 4 wins & 6 nominations."  
 ## [1350] "Won 10 Oscars. Another 18 wins & 11 nominations."  
 ## [1351] "Won 1 Oscar. Another 6 nominations."  
 ## [1352] "Won 3 Oscars. Another 2 wins & 4 nominations."  
 ## [1353] "Won 3 Oscars. Another 8 wins & 12 nominations."  
 ## [1354] "Won 1 Oscar. Another 4 wins & 7 nominations."  
 ## [1355] "Won 1 Golden Globe. Another 2 wins."  
 ## [1356] "Nominated for 4 Oscars. Another 3 wins & 7 nominations."  
 ## [1357] "Nominated for 7 Oscars. Another 2 wins & 5 nominations."  
 ## [1358] "Won 3 BAFTA Film Awards. Another 7 wins & 3 nominations."  
 ## [1359] "Won 1 Oscar. Another 1 win & 3 nominations."  
 ## [1360] "Won 1 Oscar. Another 7 wins & 16 nominations."  
 ## [1361] "Nominated for 4 Oscars. Another 3 wins & 3 nominations."  
 ## [1362] "Nominated for 7 Oscars. Another 9 wins & 11 nominations."  
 ## [1363] "Won 11 Oscars. Another 16 wins & 13 nominations."  
 ## [1364] "Nominated for 3 Oscars. Another 1 win & 1 nomination."  
 ## [1365] "Nominated for 1 BAFTA Film Award. Another 1 win & 4 nominations."  
 ## [1366] "Nominated for 2 Oscars. Another 3 wins & 4 nominations."  
 ## [1367] "Nominated for 3 Oscars. Another 8 wins & 4 nominations."  
 ## [1368] "Won 2 Oscars. Another 8 wins & 15 nominations."  
 ## [1369] "Won 1 BAFTA Film Award. Another 2 wins & 4 nominations."  
 ## [1370] "Nominated for 2 Golden Globes. Another 1 win & 1 nomination."  
 ## [1371] "Nominated for 1 Oscar. Another 24 wins & 17 nominations."  
 ## [1372] "Nominated for 6 Oscars. Another 4 wins & 6 nominations."  
 ## [1373] "Nominated for 6 Oscars. Another 2 wins & 10 nominations."  
 ## [1374] "Won 9 Oscars. Another 12 wins & 9 nominations."  
 ## [1375] "Nominated for 2 Oscars. Another 3 wins & 2 nominations."  
 ## [1376] "Won 1 Oscar. Another 5 wins & 15 nominations."  
 ## [1377] "Nominated for 3 Golden Globes. Another 3 nominations."  
 ## [1378] "Won 1 Golden Globe. Another 2 wins & 2 nominations."  
 ## [1379] "Won 3 BAFTA Film Awards. Another 3 nominations."  
 ## [1380] "Won 2 Oscars. Another 5 wins & 15 nominations."  
 ## [1381] "Nominated for 5 Oscars. Another 3 wins & 5 nominations."  
 ## [1382] "11 wins & 13 nominations."  
 ## [1383] "Won 1 Golden Globe. Another 4 wins & 1 nomination."  
 ## [1384] "Won 1 Oscar. Another 5 nominations."  
 ## [1385] "Nominated for 3 Oscars. Another 16 wins & 8 nominations."  
 ## [1386] "Nominated for 2 Oscars. Another 3 wins & 30 nominations."  
 ## [1387] "Nominated for 2 BAFTA Film Awards. Another 6 wins."  
 ## [1388] "Nominated for 2 Golden Globes. Another 1 win & 4 nominations."  
 ## [1389] "Nominated for 4 Oscars. Another 2 wins & 6 nominations."  
 ## [1390] "Nominated for 3 Golden Globes. Another 3 wins & 1 nomination."  
 ## [1391] "Nominated for 6 Oscars. Another 1 win."  
 ## [1392] "Nominated for 9 Oscars. Another 2 wins & 8 nominations."  
 ## [1393] "Nominated for 4 Oscars. Another 1 win & 4 nominations."  
 ## [1394] "Won 4 Oscars. Another 4 wins & 18 nominations."  
 ## [1395] "Won 1 Golden Globe. Another 3 wins & 5 nominations."  
 ## [1396] "Nominated for 6 Oscars. Another 3 wins & 9 nominations."  
 ## [1397] "Won 1 Golden Globe. Another 3 wins & 3 nominations."  
 ## [1398] "Won 5 Oscars. Another 8 wins & 5 nominations."

## [1399] "Nominated for 6 Oscars. Another 5 wins & 4 nominations."  
 ## [1400] "Nominated for 1 Oscar. Another 10 wins & 2 nominations."  
 ## [1401] "Won 1 Oscar. Another 6 wins & 15 nominations."  
 ## [1402] "Won 1 BAFTA Film Award. Another 4 nominations."  
 ## [1403] "Won 2 Oscars. Another 2 wins & 4 nominations."  
 ## [1404] "Nominated for 3 Oscars. Another 5 wins & 10 nominations."  
 ## [1405] "Nominated for 4 Oscars. Another 2 nominations."  
 ## [1406] "Nominated for 3 Oscars. Another 1 nomination."  
 ## [1407] "Won 1 Oscar. Another 11 wins & 10 nominations."  
 ## [1408] "Won 1 Oscar. Another 2 wins & 5 nominations."  
 ## [1409] "Won 3 Oscars. Another 2 wins & 6 nominations."  
 ## [1410] "Won 4 Oscars. Another 14 wins & 5 nominations."  
 ## [1411] "Won 2 Oscars. Another 1 win & 4 nominations."  
 ## [1412] "Won 1 Golden Globe. Another 6 wins & 1 nomination."  
 ## [1413] "Nominated for 1 BAFTA Film Award. Another 8 wins & 1 nomination."  
 ## [1414] "Nominated for 3 Oscars. Another 2 wins & 3 nominations."  
 ## [1415] "Nominated for 3 Oscars. Another 1 win."  
 ## [1416] "Won 1 BAFTA Film Award. Another 3 nominations."  
 ## [1417] "Nominated for 4 Oscars. Another 3 wins & 5 nominations."  
 ## [1418] "Won 8 Oscars. Another 21 wins & 9 nominations."  
 ## [1419] "Won 2 Oscars. Another 3 nominations."  
 ## [1420] "Won 1 Oscar. Another 2 nominations."  
 ## [1421] "Won 8 Oscars. Another 14 wins & 7 nominations."  
 ## [1422] "Won 1 Oscar. Another 6 wins & 8 nominations."  
 ## [1423] "7 wins & 26 nominations."  
 ## [1424] "Won 3 Oscars. Another 7 wins & 15 nominations."  
 ## [1425] "Nominated for 6 Oscars. Another 4 nominations."  
 ## [1426] "Won 4 Oscars. Another 13 wins & 10 nominations."  
 ## [1427] "Nominated for 1 BAFTA Film Award. Another 5 wins."  
 ## [1428] "Nominated for 3 Oscars. Another 5 nominations."  
 ## [1429] "Won 2 Oscars. Another 4 wins & 10 nominations."  
 ## [1430] "Nominated for 4 Oscars. Another 1 win & 1 nomination."  
 ## [1431] "Nominated for 2 Oscars. Another 5 wins & 7 nominations."  
 ## [1432] "30 wins & 2 nominations."  
 ## [1433] "Nominated for 5 Oscars. Another 1 win & 3 nominations."  
 ## [1434] "Won 1 Golden Globe. Another 6 wins & 11 nominations."  
 ## [1435] "Nominated for 1 Primetime Emmy. Another 1 win & 26 nominations."  
 ## [1436] "Nominated for 2 Oscars. Another 19 wins & 61 nominations."  
 ## [1437] "Nominated for 8 Oscars. Another 4 wins & 3 nominations."  
 ## [1438] "Won 6 Oscars. Another 16 wins & 17 nominations."  
 ## [1439] "Nominated for 1 Oscar. Another 12 wins & 13 nominations."  
 ## [1440] "Won 2 Oscars. Another 3 wins & 5 nominations."  
 ## [1441] "Nominated for 7 Oscars. Another 2 nominations."  
 ## [1442] "Nominated for 2 Golden Globes. Another 2 wins & 6 nominations."  
 ## [1443] "Won 2 Oscars. Another 1 win & 5 nominations."  
 ## [1444] "Nominated for 4 Oscars. Another 1 win."  
 ## [1445] "Won 2 Oscars. Another 3 wins & 3 nominations."  
 ## [1446] "Won 1 Oscar. Another 4 wins & 13 nominations."  
 ## [1447] "Won 3 Oscars. Another 87 wins & 131 nominations."  
 ## [1448] "9 wins & 6 nominations."  
 ## [1449] "24 wins & 5 nominations."  
 ## [1450] "22 wins & 17 nominations."  
 ## [1451] "Won 3 Oscars. Another 8 wins & 8 nominations."  
 ## [1452] "Nominated for 4 Oscars. Another 2 wins."

## [1453] "Nominated for 5 Oscars. Another 6 wins & 1 nomination."  
 ## [1454] "Nominated for 4 Oscars. Another 2 wins & 4 nominations."  
 ## [1455] "Nominated for 1 Oscar. Another 9 wins & 13 nominations."  
 ## [1456] "Nominated for 7 Oscars. Another 2 wins & 2 nominations."  
 ## [1457] "Won 2 Oscars. Another 1 win & 7 nominations."  
 ## [1458] "Won 7 Oscars. Another 10 wins & 4 nominations."  
 ## [1459] "Nominated for 3 Oscars. Another 2 wins."  
 ## [1460] "Nominated for 4 Oscars. Another 5 wins & 1 nomination."  
 ## [1461] "Won 5 Oscars. Another 2 wins & 7 nominations."  
 ## [1462] "Nominated for 4 Oscars. Another 1 nomination."  
 ## [1463] "Won 1 Oscar. Another 4 wins & 3 nominations."  
 ## [1464] "Nominated for 3 Oscars. Another 4 wins & 1 nomination."  
 ## [1465] "Nominated for 2 Oscars. Another 5 wins & 1 nomination."  
 ## [1466] "Won 6 Oscars. Another 2 wins & 7 nominations."  
 ## [1467] "Nominated for 7 Oscars. Another 1 nomination."  
 ## [1468] "Nominated for 4 Oscars. Another 2 wins & 2 nominations."  
 ## [1469] "Won 1 Oscar. Another 7 wins & 12 nominations."  
 ## [1470] "Won 2 Oscars. Another 1 win & 6 nominations."  
 ## [1471] "Nominated for 6 Oscars. Another 1 nomination."  
 ## [1472] "Won 5 Oscars. Another 5 wins & 6 nominations."  
 ## [1473] "9 wins & 18 nominations."  
 ## [1474] "Won 2 Oscars. Another 2 wins & 10 nominations."  
 ## [1475] "Nominated for 1 Primetime Emmy. Another 3 nominations."  
 ## [1476] "Nominated for 6 Oscars. Another 1 win & 1 nomination."  
 ## [1477] "Nominated for 6 Oscars. Another 75 wins & 153 nominations."  
 ## [1478] "Won 1 Golden Globe. Another 6 wins & 21 nominations."  
 ## [1479] "Won 8 Oscars. Another 9 wins & 8 nominations."  
 ## [1480] "Nominated for 1 Oscar. Another 3 wins & 28 nominations."  
 ## [1481] "Won 2 Oscars. Another 4 nominations."  
 ## [1482] "Nominated for 5 Oscars. Another 2 nominations."  
 ## [1483] "Won 2 Oscars. Another 3 wins & 4 nominations."  
 ## [1484] "Won 1 Oscar. Another 15 wins & 20 nominations."  
 ## [1485] "Won 2 Oscars. Another 6 nominations."  
 ## [1486] "Nominated for 1 Oscar. Another 11 wins & 4 nominations."  
 ## [1487] "Nominated for 4 Oscars. Another 2 wins & 1 nomination."  
 ## [1488] "Won 4 Oscars. Another 3 nominations."  
 ## [1489] "5 wins & 19 nominations."  
 ## [1490] "Won 1 Oscar. Another 4 wins & 6 nominations."  
 ## [1491] "Won 1 Oscar. Another 30 wins & 72 nominations."  
 ## [1492] "Won 5 Oscars. Another 5 wins & 1 nomination."  
 ## [1493] "Won 3 Oscars. Another 1 win & 1 nomination."  
 ## [1494] "Won 2 Oscars. Another 1 nomination."  
 ## [1495] "Won 2 Oscars. Another 5 wins & 2 nominations."  
 ## [1496] "Nominated for 4 Oscars. Another 3 wins."  
 ## [1497] "Nominated for 2 Oscars. Another 16 wins & 41 nominations."  
 ## [1498] "3 wins & 43 nominations."  
 ## [1499] "Nominated for 1 Oscar. Another 7 wins & 42 nominations."  
 ## [1500] "4 wins & 28 nominations."  
 ## [1501] "Won 1 Golden Globe. Another 3 wins & 1 nomination."  
 ## [1502] "Won 2 Oscars. Another 1 win & 2 nominations."  
 ## [1503] "Nominated for 2 Oscars. Another 6 wins & 6 nominations."  
 ## [1504] "Nominated for 1 Oscar. Another 19 wins & 68 nominations."  
 ## [1505] "Won 1 Oscar. Another 32 wins & 101 nominations."  
 ## [1506] "Won 3 Oscars. Another 74 wins & 160 nominations."

## [1507] "Nominated for 1 Oscar. Another 45 wins & 55 nominations."  
 ## [1508] "Nominated for 1 Golden Globe. Another 5 wins & 39 nominations."  
 ## [1509] "14 wins & 29 nominations."  
 ## [1510] "Won 2 Oscars. Another 112 wins & 124 nominations."  
 ## [1511] "Nominated for 1 Golden Globe. Another 1 win & 43 nominations."  
 ## [1512] "Won 1 Oscar. Another 7 wins & 26 nominations."  
 ## [1513] "Nominated for 3 Oscars. Another 30 wins & 141 nominations."  
 ## [1514] "Won 1 Oscar. Another 99 wins & 118 nominations."  
 ## [1515] "Won 1 Oscar. Another 28 wins & 88 nominations."  
 ## [1516] "Nominated for 7 Oscars. Another 34 wins & 168 nominations."  
 ## [1517] "Nominated for 3 Oscars. Another 12 wins & 129 nominations."  
 ## [1518] "Nominated for 2 Golden Globes. Another 3 wins & 13 nominations."  
 ## [1519] "Nominated for 1 Oscar. Another 24 wins & 39 nominations."  
 ## [1520] "15 wins & 31 nominations."  
 ## [1521] "Nominated for 2 Golden Globes. Another 5 wins & 21 nominations."  
 ## [1522] "Nominated for 1 BAFTA Film Award. Another 2 wins & 27 nominations."  
 ## [1523] "Nominated for 1 BAFTA Film Award. Another 18 nominations."  
 ## [1524] "5 wins & 52 nominations."  
 ## [1525] "1 win & 15 nominations."  
 ## [1526] "3 wins & 40 nominations."  
 ## [1527] "13 wins & 12 nominations."  
 ## [1528] "Won 1 Oscar. Another 61 wins & 133 nominations."  
 ## [1529] "Nominated for 1 Golden Globe. Another 20 wins & 25 nominations."  
 ## [1530] "20 wins & 29 nominations."  
 ## [1531] "Won 1 Oscar. Another 28 wins & 32 nominations."  
 ## [1532] "Nominated for 1 Golden Globe. Another 14 wins & 44 nominations."  
 ## [1533] "Won 1 Golden Globe. Another 1 win & 17 nominations."  
 ## [1534] "Won 1 Oscar. Another 56 wins & 87 nominations."  
 ## [1535] "Nominated for 3 Oscars. Another 11 wins & 69 nominations."  
 ## [1536] "Won 1 Oscar. Another 18 wins & 38 nominations."  
 ## [1537] "Nominated for 4 Oscars. Another 19 wins & 57 nominations."  
 ## [1538] "Nominated for 1 Oscar. Another 6 wins & 45 nominations."  
 ## [1539] "7 wins & 19 nominations."  
 ## [1540] "Nominated for 2 Oscars. Another 14 wins & 90 nominations."  
 ## [1541] "Nominated for 2 Oscars. Another 10 wins & 61 nominations."  
 ## [1542] "17 wins & 3 nominations."  
 ## [1543] "Won 1 Oscar. Another 44 wins & 149 nominations."  
 ## [1544] "Nominated for 1 Golden Globe. Another 15 wins & 26 nominations."  
 ## [1545] "Nominated for 1 Oscar. Another 4 wins & 21 nominations."  
 ## [1546] "Won 1 Oscar. Another 24 wins & 117 nominations."  
 ## [1547] "Won 1 Oscar. Another 13 wins & 53 nominations."  
 ## [1548] "Won 1 Oscar. Another 39 wins & 132 nominations."  
 ## [1549] "Nominated for 1 Oscar. Another 42 wins & 116 nominations."  
 ## [1550] "Won 4 Oscars. Another 182 wins & 264 nominations."  
 ## [1551] "Nominated for 1 Golden Globe. Another 2 wins & 27 nominations."  
 ## [1552] "Nominated for 2 Golden Globes. Another 6 wins & 18 nominations."  
 ## [1553] "Nominated for 1 Oscar. Another 8 wins & 58 nominations."  
 ## [1554] "Nominated for 2 Oscars. Another 48 wins & 92 nominations."  
 ## [1555] "Nominated for 1 Oscar. Another 2 wins & 11 nominations."  
 ## [1556] "Won 1 Oscar. Another 169 wins & 202 nominations."  
 ## [1557] "Nominated for 1 Oscar. Another 2 wins & 16 nominations."  
 ## [1558] "19 wins & 94 nominations."  
 ## [1559] "5 wins & 22 nominations."  
 ## [1560] "7 wins & 22 nominations."



## [1561] "Nominated for 1 Oscar. Another 13 wins & 59 nominations."  
## [1562] "9 wins & 28 nominations."  
## [1563] "11 wins & 34 nominations."  
## [1564] "Nominated for 1 Oscar. Another 9 wins & 40 nominations."  
## [1565] "Nominated for 1 Oscar. Another 15 wins & 40 nominations."  
## [1566] "15 wins & 30 nominations."  
## [1567] "Won 1 Oscar. Another 65 wins & 82 nominations."  
## [1568] "3 wins & 29 nominations."  
## [1569] "1 win & 19 nominations."  
## [1570] "Nominated for 1 Golden Globe. Another 16 nominations."  
## [1571] "Won 4 Oscars. Another 121 wins & 213 nominations."  
## [1572] "Nominated for 1 BAFTA Film Award. Another 28 wins & 35 nominations."  
## [1573] "Nominated for 1 Oscar. Another 69 wins & 59 nominations."  
## [1574] "14 wins & 25 nominations."  
## [1575] "Nominated for 2 Oscars. Another 15 wins & 61 nominations."  
## [1576] "Nominated for 2 Oscars. Another 5 wins & 14 nominations."  
## [1577] "Nominated for 5 Oscars. Another 35 wins & 154 nominations."  
## [1578] "Won 1 Oscar. Another 76 wins & 174 nominations."  
## [1579] "1 win & 23 nominations."  
## [1580] "Nominated for 1 Oscar. Another 12 wins & 71 nominations."  
## [1581] "Nominated for 10 Oscars. Another 65 wins & 202 nominations."  
## [1582] "Nominated for 3 Oscars. Another 14 wins & 80 nominations."  
## [1583] "Nominated for 2 Oscars. Another 46 wins & 157 nominations."  
## [1584] "Nominated for 1 Oscar. Another 10 wins & 29 nominations."  
## [1585] "Nominated for 4 Oscars. Another 31 wins & 75 nominations."  
## [1586] "Nominated for 1 Golden Globe. Another 21 wins & 59 nominations."  
## [1587] "Nominated for 6 Oscars. Another 26 wins & 157 nominations."  
## [1588] "Won 3 Oscars. Another 79 wins & 78 nominations."  
## [1589] "Nominated for 1 Oscar. Another 3 wins & 45 nominations."  
## [1590] "Won 3 Oscars. Another 233 wins & 312 nominations."  
## [1591] "Nominated for 6 Oscars. Another 16 wins & 138 nominations."  
## [1592] "1 win & 28 nominations."  
## [1593] "Nominated for 1 Oscar. Another 10 wins & 34 nominations."  
## [1594] "Nominated for 1 Golden Globe. Another 8 wins & 36 nominations."  
## [1595] "Nominated for 2 BAFTA Film Awards. Another 17 wins & 50 nominations."  
## [1596] "10 wins & 30 nominations."  
## [1597] "Nominated for 1 Oscar. Another 51 wins & 40 nominations."  
## [1598] "10 wins & 20 nominations."  
## [1599] "14 wins & 21 nominations."  
## [1600] "39 wins & 52 nominations."  
## [1601] "Nominated for 1 BAFTA Film Award. Another 4 wins & 42 nominations."  
## [1602] "5 wins & 30 nominations."  
## [1603] "Nominated for 2 Oscars. Another 12 wins & 63 nominations."  
## [1604] "Nominated for 2 Oscars. Another 4 wins & 17 nominations."  
## [1605] "3 wins & 23 nominations."  
## [1606] "Nominated for 1 BAFTA Film Award. Another 9 wins & 54 nominations."  
## [1607] "Won 1 Oscar. Another 20 wins & 25 nominations."  
## [1608] "7 wins & 42 nominations."  
## [1609] "22 wins & 92 nominations."  
## [1610] "Nominated for 1 Oscar. Another 19 wins & 57 nominations."  
## [1611] "2 wins & 21 nominations."  
## [1612] "Nominated for 1 Oscar. Another 6 wins & 46 nominations."  
## [1613] "Nominated for 1 Oscar. Another 17 wins & 53 nominations."  
## [1614] "3 wins & 17 nominations."

## [1615] "6 wins & 16 nominations."  
 ## [1616] "11 wins & 26 nominations."  
 ## [1617] "5 wins & 31 nominations."  
 ## [1618] "4 wins & 34 nominations."  
 ## [1619] "Won 2 Oscars. Another 53 wins & 143 nominations."  
 ## [1620] "Nominated for 1 Oscar. Another 27 wins & 65 nominations."  
 ## [1621] "Won 1 Oscar. Another 76 wins & 101 nominations."  
 ## [1622] "Won 1 Oscar. Another 84 wins & 167 nominations."  
 ## [1623] "Nominated for 3 Oscars. Another 9 wins & 70 nominations."  
 ## [1624] "Won 4 Oscars. Another 76 wins & 125 nominations."  
 ## [1625] "Nominated for 1 Golden Globe. Another 14 wins & 30 nominations."  
 ## [1626] "Won 1 Oscar. Another 86 wins & 145 nominations."  
 ## [1627] "20 wins & 11 nominations."  
 ## [1628] "13 wins & 19 nominations."  
 ## [1629] "Won 2 Oscars. Another 108 wins & 242 nominations."  
 ## [1630] "Won 2 Oscars. Another 64 wins & 115 nominations."  
 ## [1631] "Nominated for 1 Oscar. Another 33 wins & 40 nominations."  
 ## [1632] "Nominated for 1 Golden Globe. Another 16 wins & 72 nominations."  
 ## [1633] "Nominated for 1 Oscar. Another 18 wins & 62 nominations."  
 ## [1634] "28 wins & 68 nominations."  
 ## [1635] "3 wins & 21 nominations."  
 ## [1636] "Won 3 Oscars. Another 91 wins & 150 nominations."  
 ## [1637] "Nominated for 1 Oscar. Another 5 wins & 41 nominations."  
 ## [1638] "6 wins & 20 nominations."  
 ## [1639] "15 wins & 43 nominations."  
 ## [1640] "18 wins & 48 nominations."  
 ## [1641] "Nominated for 3 Oscars. Another 76 wins & 179 nominations."  
 ## [1642] "7 wins & 33 nominations."  
 ## [1643] "Nominated for 1 Oscar. Another 19 wins & 44 nominations."  
 ## [1644] "9 wins & 20 nominations."  
 ## [1645] "Nominated for 1 BAFTA Film Award. Another 38 wins & 96 nominations."  
 ## [1646] "2 wins & 31 nominations."  
 ## [1647] "8 wins & 13 nominations."  
 ## [1648] "Nominated for 4 Oscars. Another 91 wins & 123 nominations."  
 ## [1649] "Nominated for 1 Oscar. Another 6 wins & 43 nominations."  
 ## [1650] "1 win & 20 nominations."  
 ## [1651] "Nominated for 2 Oscars. Another 12 wins & 31 nominations."  
 ## [1652] "Nominated for 1 Oscar. Another 37 wins & 116 nominations."  
 ## [1653] "Nominated for 2 Golden Globes. Another 4 wins & 19 nominations."  
 ## [1654] "Nominated for 1 Oscar. Another 34 wins & 75 nominations."  
 ## [1655] "Nominated for 1 Oscar. Another 19 nominations."  
 ## [1656] "18 wins & 33 nominations."  
 ## [1657] "Nominated for 1 Golden Globe. Another 33 wins & 42 nominations."  
 ## [1658] "11 wins & 18 nominations."  
 ## [1659] "Nominated for 1 Golden Globe. Another 1 win & 6 nominations."  
 ## [1660] "12 wins & 4 nominations."  
 ## [1661] "10 wins & 15 nominations."  
 ## [1662] "Won 2 Oscars. Another 23 wins & 46 nominations."  
 ## [1663] "Nominated for 6 Oscars. Another 16 wins & 70 nominations."  
 ## [1664] "Nominated for 3 Oscars. Another 18 wins & 39 nominations."  
 ## [1665] "Nominated for 1 Oscar. Another 22 wins & 59 nominations."  
 ## [1666] "Won 1 Oscar. Another 26 wins & 85 nominations."  
 ## [1667] "Nominated for 1 Golden Globe. Another 27 wins & 61 nominations."  
 ## [1668] "Nominated for 1 Golden Globe. Another 3 wins & 29 nominations."

## [1669] "Nominated for 3 Oscars. Another 34 wins & 88 nominations."  
 ## [1670] "Nominated for 1 BAFTA Film Award. Another 10 wins & 16 nominations."  
 ## [1671] "Won 5 Oscars. Another 146 wins & 185 nominations."  
 ## [1672] "Nominated for 2 Oscars. Another 19 wins & 59 nominations."  
 ## [1673] "Nominated for 1 Golden Globe. Another 18 wins & 26 nominations."  
 ## [1674] "Won 1 Oscar. Another 15 wins & 41 nominations."  
 ## [1675] "Won 5 Oscars. Another 53 wins & 175 nominations."  
 ## [1676] "11 wins & 21 nominations."  
 ## [1677] "Won 1 Oscar. Another 65 wins & 140 nominations."  
 ## [1678] "Nominated for 1 Golden Globe. Another 5 wins & 16 nominations."  
 ## [1679] "22 wins & 68 nominations."  
 ## [1680] "Nominated for 1 Oscar. Another 8 wins & 23 nominations."  
 ## [1681] "15 wins & 32 nominations."  
 ## [1682] "Nominated for 1 Oscar. Another 9 wins & 34 nominations."  
 ## [1683] "41 wins & 35 nominations."  
 ## [1684] "Nominated for 6 Oscars. Another 29 wins & 74 nominations."  
 ## [1685] "Won 1 Oscar. Another 79 wins & 112 nominations."  
 ## [1686] "Nominated for 1 Oscar. Another 20 wins & 41 nominations."  
 ## [1687] "Nominated for 1 Golden Globe. Another 14 wins & 25 nominations."  
 ## [1688] "Nominated for 1 BAFTA Film Award. Another 17 wins & 35 nominations."  
 ## [1689] "Nominated for 1 Golden Globe. Another 3 wins & 20 nominations."  
 ## [1690] "2 wins & 25 nominations."  
 ## [1691] "Nominated for 3 Oscars. Another 10 wins & 40 nominations."  
 ## [1692] "Nominated for 1 Golden Globe. Another 1 win & 16 nominations."  
 ## [1693] "11 wins & 62 nominations."  
 ## [1694] "Won 1 Oscar. Another 34 wins & 27 nominations."  
 ## [1695] "20 wins & 35 nominations."  
 ## [1696] "Nominated for 1 Oscar. Another 5 wins & 44 nominations."  
 ## [1697] "Won 1 Oscar. Another 22 wins & 96 nominations."  
 ## [1698] "2 wins & 30 nominations."  
 ## [1699] "Nominated for 2 Oscars. Another 25 wins & 67 nominations."  
 ## [1700] "5 wins & 29 nominations."  
 ## [1701] "5 wins & 26 nominations."  
 ## [1702] "Won 1 Oscar. Another 45 wins & 24 nominations."  
 ## [1703] "Nominated for 1 Oscar. Another 7 wins & 50 nominations."  
 ## [1704] "Nominated for 1 Oscar. Another 20 wins & 52 nominations."  
 ## [1705] "Nominated for 1 Oscar. Another 7 wins & 40 nominations."  
 ## [1706] "Nominated for 1 Oscar. Another 18 wins & 17 nominations."  
 ## [1707] "Nominated for 1 Oscar. Another 10 wins & 48 nominations."  
 ## [1708] "Won 2 Oscars. Another 69 wins & 113 nominations."  
 ## [1709] "Nominated for 3 Golden Globes. Another 3 wins & 2 nominations."  
 ## [1710] "Won 4 Oscars. Another 100 wins & 190 nominations."  
 ## [1711] "Won 1 Golden Globe. Another 5 wins & 17 nominations."  
 ## [1712] "Nominated for 3 BAFTA Film Awards. Another 3 wins & 14 nominations."  
 ## [1713] "Won 1 BAFTA Film Award. Another 8 wins & 23 nominations."  
 ## [1714] "Nominated for 6 Oscars. Another 23 wins & 140 nominations."  
 ## [1715] "14 wins & 16 nominations."  
 ## [1716] "Nominated for 3 BAFTA Film Awards. Another 6 wins & 18 nominations."  
 ## [1717] "14 wins & 28 nominations."  
 ## [1718] "Won 3 Oscars. Another 161 wins & 162 nominations."  
 ## [1719] "4 wins & 23 nominations."  
 ## [1720] "Nominated for 1 Oscar. Another 39 wins & 15 nominations."  
 ## [1721] "Nominated for 1 Golden Globe. Another 9 wins & 19 nominations."  
 ## [1722] "Nominated for 1 Oscar. Another 9 wins & 44 nominations."

## [1723] "Nominated for 1 Oscar. Another 38 wins & 54 nominations."  
 ## [1724] "16 wins & 58 nominations."  
 ## [1725] "5 wins & 27 nominations."  
 ## [1726] "Won 4 Oscars. Another 143 wins & 198 nominations."  
 ## [1727] "Nominated for 4 Oscars. Another 29 wins & 116 nominations."  
 ## [1728] "Nominated for 1 Golden Globe. Another 3 wins & 38 nominations."  
 ## [1729] "23 wins & 33 nominations."  
 ## [1730] "Won 2 Oscars. Another 57 wins & 89 nominations."  
 ## [1731] "Nominated for 4 Oscars. Another 63 wins & 118 nominations."  
 ## [1732] "11 wins & 14 nominations."  
 ## [1733] "16 wins & 61 nominations."  
 ## [1734] "17 wins & 24 nominations."  
 ## [1735] "Nominated for 2 Oscars. Another 25 wins & 58 nominations."  
 ## [1736] "Nominated for 1 Oscar. Another 7 wins & 5 nominations."  
 ## [1737] "32 wins & 51 nominations."  
 ## [1738] "Nominated for 1 Oscar. Another 15 wins & 8 nominations."  
 ## [1739] "Nominated for 2 Oscars. Another 18 wins & 45 nominations."  
 ## [1740] "20 wins & 27 nominations."  
 ## [1741] "Nominated for 2 Oscars. Another 3 wins & 15 nominations."  
 ## [1742] "Nominated for 2 Oscars. Another 4 wins & 20 nominations."  
 ## [1743] "Nominated for 3 Golden Globes. Another 8 wins & 12 nominations."  
 ## [1744] "Won 1 Oscar. Another 12 wins & 16 nominations."  
 ## [1745] "Nominated for 4 Oscars. Another 8 wins & 56 nominations."  
 ## [1746] "Won 2 Oscars. Another 35 wins & 29 nominations."  
 ## [1747] "Nominated for 1 Oscar. Another 34 wins & 51 nominations."  
 ## [1748] "Nominated for 2 Oscars. Another 10 wins & 33 nominations."  
 ## [1749] "Nominated for 1 BAFTA Film Award. Another 5 wins & 25 nominations."  
 ## [1750] "Nominated for 1 BAFTA Film Award. Another 5 wins & 30 nominations."  
 ## [1751] "Nominated for 3 Oscars. Another 12 wins & 39 nominations."  
 ## [1752] "Won 1 Oscar. Another 7 wins & 29 nominations."  
 ## [1753] "13 wins & 43 nominations."  
 ## [1754] "17 wins & 23 nominations."  
 ## [1755] "Nominated for 2 Oscars. Another 15 wins & 44 nominations."  
 ## [1756] "Nominated for 1 Golden Globe. Another 7 wins & 48 nominations."  
 ## [1757] "Nominated for 3 Oscars. Another 34 wins & 90 nominations."  
 ## [1758] "Nominated for 2 Oscars. Another 17 wins & 70 nominations."  
 ## [1759] "9 wins & 26 nominations."  
 ## [1760] "Nominated for 2 Golden Globes. Another 1 win & 17 nominations."  
 ## [1761] "Nominated for 1 Oscar. Another 15 wins & 49 nominations."  
 ## [1762] "Won 1 Oscar. Another 123 wins & 154 nominations."  
 ## [1763] "Nominated for 4 Oscars. Another 24 wins & 104 nominations."  
 ## [1764] "Nominated for 1 Oscar. Another 24 wins & 46 nominations."  
 ## [1765] "Nominated for 1 Oscar. Another 8 wins & 30 nominations."  
 ## [1766] "Won 6 Oscars. Another 114 wins & 121 nominations."  
 ## [1767] "Nominated for 1 Oscar. Another 13 wins & 25 nominations."  
 ## [1768] "Nominated for 1 Golden Globe. Another 7 wins & 18 nominations."  
 ## [1769] "Nominated for 1 Oscar. Another 7 wins & 19 nominations."  
 ## [1770] "Won 1 BAFTA Film Award. Another 24 wins & 31 nominations."  
 ## [1771] "Won 1 Golden Globe. Another 10 wins & 26 nominations."  
 ## [1772] "Won 2 Oscars. Another 73 wins & 75 nominations."  
 ## [1773] "Won 1 Oscar. Another 22 wins & 83 nominations."  
 ## [1774] "12 wins & 20 nominations."  
 ## [1775] "Nominated for 1 Oscar. Another 7 wins & 41 nominations."  
 ## [1776] "Nominated for 3 Oscars. Another 19 wins & 62 nominations."

## [1777] "Nominated for 1 Oscar. Another 43 wins & 56 nominations."  
 ## [1778] "Won 3 Oscars. Another 73 wins & 146 nominations."  
 ## [1779] "Nominated for 2 Oscars. Another 56 wins & 83 nominations."  
 ## [1780] "Nominated for 5 Oscars. Another 26 wins & 88 nominations."  
 ## [1781] "Nominated for 1 Golden Globe. Another 20 wins & 17 nominations."  
 ## [1782] "Won 1 Oscar. Another 24 wins & 47 nominations."  
 ## [1783] "Nominated for 1 Golden Globe. Another 7 wins & 19 nominations."  
 ## [1784] "Nominated for 5 Oscars. Another 21 wins & 72 nominations."  
 ## [1785] "Won 2 Oscars. Another 57 wins & 137 nominations."  
 ## [1786] "Nominated for 1 Oscar. Another 1 win & 28 nominations."  
 ## [1787] "Nominated for 2 BAFTA Film Awards. Another 4 wins & 29 nominations."  
 ## [1788] "Won 8 Oscars. Another 143 wins & 120 nominations."  
 ## [1789] "8 wins & 25 nominations."  
 ## [1790] "Nominated for 3 Oscars. Another 13 wins & 47 nominations."  
 ## [1791] "12 wins & 16 nominations."  
 ## [1792] "Nominated for 1 Oscar. Another 31 wins & 59 nominations."  
 ## [1793] "Won 1 Oscar. Another 7 wins & 20 nominations."  
 ## [1794] "Nominated for 2 Golden Globes. Another 5 wins & 26 nominations."  
 ## [1795] "Won 1 Oscar. Another 31 wins & 51 nominations."  
 ## [1796] "Nominated for 1 Oscar. Another 10 wins & 39 nominations."  
 ## [1797] "Nominated for 2 Oscars. Another 32 wins & 36 nominations."  
 ## [1798] "Won 1 Oscar. Another 44 wins & 11 nominations."  
 ## [1799] "Nominated for 2 Golden Globes. Another 15 wins & 24 nominations."  
 ## [1800] "Won 2 Oscars. Another 146 wins & 142 nominations."  
 ## [1801] "Nominated for 1 Oscar. Another 5 wins & 25 nominations."  
 ## [1802] "Nominated for 1 Oscar. Another 13 wins & 8 nominations."  
 ## [1803] "Nominated for 1 Oscar. Another 14 wins & 38 nominations."  
 ## [1804] "Nominated for 1 BAFTA Film Award. Another 9 wins & 34 nominations."  
 ## [1805] "13 nominations."  
 ## [1806] "Nominated for 1 Oscar. Another 18 wins & 33 nominations."  
 ## [1807] "Nominated for 1 Oscar. Another 22 wins & 51 nominations."  
 ## [1808] "5 wins & 23 nominations."  
 ## [1809] "Won 2 Oscars. Another 105 wins & 133 nominations."  
 ## [1810] "Nominated for 1 Oscar. Another 28 wins & 54 nominations."  
 ## [1811] "Nominated for 1 Golden Globe. Another 11 wins & 9 nominations."  
 ## [1812] "Nominated for 1 Oscar. Another 5 wins & 22 nominations."  
 ## [1813] "Nominated for 1 Oscar. Another 6 wins & 22 nominations."  
 ## [1814] "9 wins & 21 nominations."  
 ## [1815] "Nominated for 2 Primetime Emmys. Another 4 wins & 7 nominations."  
 ## [1816] "Won 1 Oscar. Another 48 wins & 145 nominations."  
 ## [1817] "Won 1 Oscar. Another 88 wins & 94 nominations."  
 ## [1818] "Won 1 Oscar. Another 4 wins & 32 nominations."  
 ## [1819] "Nominated for 2 Oscars. Another 17 wins & 31 nominations."  
 ## [1820] "Nominated for 2 Oscars. Another 12 wins & 34 nominations."  
 ## [1821] "Nominated for 1 Golden Globe. Another 1 win & 14 nominations."  
 ## [1822] "Nominated for 1 Oscar. Another 32 wins & 28 nominations."  
 ## [1823] "Nominated for 1 Oscar. Another 7 wins & 32 nominations."  
 ## [1824] "Won 1 Oscar. Another 5 wins & 29 nominations."  
 ## [1825] "Nominated for 1 BAFTA Film Award. Another 30 wins & 32 nominations."  
 ## [1826] "Won 1 Oscar. Another 26 wins & 109 nominations."  
 ## [1827] "Nominated for 2 Oscars. Another 23 wins & 99 nominations."  
 ## [1828] "Nominated for 2 Oscars. Another 25 wins & 64 nominations."  
 ## [1829] "Nominated for 1 Oscar. Another 2 wins & 17 nominations."  
 ## [1830] "Nominated for 1 Oscar. Another 28 wins & 69 nominations."

## [1831] "11 wins & 24 nominations."  
 ## [1832] "Won 3 Oscars. Another 25 wins & 38 nominations."  
 ## [1833] "Nominated for 1 Oscar. Another 12 wins & 18 nominations."  
 ## [1834] "Nominated for 1 Golden Globe. Another 4 wins & 32 nominations."  
 ## [1835] "Nominated for 1 BAFTA Film Award. Another 13 wins & 15 nominations."  
 ## [1836] "Nominated for 2 BAFTA Film Awards. Another 14 wins & 38 nominations."  
 ## [1837] "Nominated for 3 Oscars. Another 19 wins & 40 nominations."  
 ## [1838] "Won 1 Oscar. Another 64 wins & 42 nominations."  
 ## [1839] "Nominated for 1 Oscar. Another 14 wins & 14 nominations."  
 ## [1840] "Nominated for 1 Golden Globe. Another 4 wins & 17 nominations."  
 ## [1841] "13 wins & 15 nominations."  
 ## [1842] "Nominated for 1 Oscar. Another 2 wins & 18 nominations."  
 ## [1843] "7 wins & 25 nominations."  
 ## [1844] "Nominated for 2 Oscars. Another 20 wins & 41 nominations."  
 ## [1845] "Nominated for 1 BAFTA Film Award. Another 5 wins & 14 nominations."  
 ## [1846] "Nominated for 1 BAFTA Film Award. Another 3 wins & 31 nominations."  
 ## [1847] "11 wins & 20 nominations."  
 ## [1848] "6 wins & 23 nominations."  
 ## [1849] "16 wins & 42 nominations."  
 ## [1850] "2 wins & 64 nominations."  
 ## [1851] "Nominated for 1 Golden Globe. Another 5 wins & 4 nominations."  
 ## [1852] "15 wins & 17 nominations."  
 ## [1853] "Nominated for 4 Oscars. Another 14 wins & 65 nominations."  
 ## [1854] "Nominated for 3 Oscars. Another 41 wins & 71 nominations."  
 ## [1855] "Nominated for 1 Oscar. Another 4 wins & 20 nominations."  
 ## [1856] "Won 1 Golden Globe. Another 8 wins & 11 nominations."  
 ## [1857] "Nominated for 1 Oscar. Another 11 wins & 24 nominations."  
 ## [1858] "Won 2 Oscars. Another 66 wins & 87 nominations."  
 ## [1859] "Nominated for 3 Oscars. Another 8 wins & 17 nominations."  
 ## [1860] "Nominated for 1 Golden Globe. Another 8 wins & 31 nominations."  
 ## [1861] "Nominated for 2 BAFTA Film Awards. Another 2 wins & 12 nominations."  
 ## [1862] "Won 1 Oscar. Another 18 wins & 24 nominations."  
 ## [1863] "Nominated for 1 Oscar. Another 60 wins & 80 nominations."  
 ## [1864] "Nominated for 1 Oscar. Another 20 wins & 29 nominations."  
 ## [1865] "Nominated for 1 Golden Globe. Another 3 wins & 6 nominations."  
 ## [1866] "Nominated for 2 Oscars. Another 5 wins & 32 nominations."  
 ## [1867] "Nominated for 2 Oscars. Another 15 wins & 24 nominations."  
 ## [1868] "Nominated for 3 Oscars. Another 18 wins & 54 nominations."  
 ## [1869] "Won 4 Oscars. Another 90 wins & 123 nominations."  
 ## [1870] "Won 1 Oscar. Another 90 wins & 92 nominations."  
 ## [1871] "Won 1 Oscar. Another 47 wins & 30 nominations."  
 ## [1872] "Nominated for 1 Golden Globe. Another 10 wins & 10 nominations."  
 ## [1873] "14 wins & 13 nominations."  
 ## [1874] "Nominated for 1 Oscar. Another 10 wins & 9 nominations."  
 ## [1875] "Nominated for 1 Oscar. Another 27 wins & 45 nominations."  
 ## [1876] "4 wins & 22 nominations."  
 ## [1877] "Nominated for 1 Oscar. Another 4 wins & 23 nominations."  
 ## [1878] "Won 1 Oscar. Another 42 wins & 51 nominations."  
 ## [1879] "Nominated for 1 Oscar. Another 12 wins & 38 nominations."  
 ## [1880] "Nominated for 2 Oscars. Another 27 wins & 28 nominations."  
 ## [1881] "7 wins & 37 nominations."  
 ## [1882] "Won 2 Oscars. Another 30 wins & 10 nominations."  
 ## [1883] "Won 2 Primetime Emmys. Another 8 wins & 18 nominations."  
 ## [1884] "Nominated for 1 Golden Globe. Another 5 wins & 21 nominations."

## [1885] "Nominated for 2 Oscars. Another 27 wins & 46 nominations."  
 ## [1886] "11 wins & 23 nominations."  
 ## [1887] "Nominated for 2 Golden Globes. Another 12 wins & 30 nominations."  
 ## [1888] "7 wins & 27 nominations."  
 ## [1889] "Won 1 Oscar. Another 16 wins & 13 nominations."  
 ## [1890] "Nominated for 1 BAFTA Film Award. Another 17 wins & 19 nominations."  
 ## [1891] "26 wins & 32 nominations."  
 ## [1892] "Nominated for 5 Oscars. Another 12 wins & 62 nominations."  
 ## [1893] "Won 3 Oscars. Another 129 wins & 121 nominations."  
 ## [1894] "Nominated for 2 Oscars. Another 6 wins & 31 nominations."  
 ## [1895] "Won 3 Oscars. Another 26 wins & 42 nominations."  
 ## [1896] "1 win & 21 nominations."  
 ## [1897] "Won 1 Oscar. Another 13 wins & 28 nominations."  
 ## [1898] "Nominated for 1 Oscar. Another 12 wins & 41 nominations."  
 ## [1899] "Nominated for 4 Oscars. Another 13 wins & 52 nominations."  
 ## [1900] "Nominated for 2 Oscars. Another 6 wins & 17 nominations."  
 ## [1901] "Nominated for 6 Oscars. Another 38 wins & 119 nominations."  
 ## [1902] "Nominated for 1 Oscar. Another 23 wins & 47 nominations."  
 ## [1903] "Won 1 Oscar. Another 58 wins & 84 nominations."  
 ## [1904] "Nominated for 2 Oscars. Another 35 wins & 72 nominations."  
 ## [1905] "Won 1 Oscar. Another 33 wins & 64 nominations."  
 ## [1906] "Nominated for 1 Oscar. Another 21 wins & 25 nominations."  
 ## [1907] "Won 1 Oscar. Another 25 wins & 44 nominations."  
 ## [1908] "Nominated for 1 Oscar. Another 15 wins & 46 nominations."  
 ## [1909] "Nominated for 1 Oscar. Another 17 wins & 12 nominations."  
 ## [1910] "Nominated for 3 Oscars. Another 13 wins & 40 nominations."  
 ## [1911] "Nominated for 1 Oscar. Another 15 wins & 66 nominations."  
 ## [1912] "Nominated for 3 Oscars. Another 15 wins & 40 nominations."  
 ## [1913] "Nominated for 1 Golden Globe. Another 21 wins & 40 nominations."  
 ## [1914] "Nominated for 1 BAFTA Film Award. Another 2 wins & 6 nominations."  
 ## [1915] "Nominated for 3 Oscars. Another 6 wins & 35 nominations."  
 ## [1916] "Won 5 Oscars. Another 74 wins & 115 nominations."  
 ## [1917] "Nominated for 1 Oscar. Another 19 wins & 60 nominations."  
 ## [1918] "Nominated for 2 Oscars. Another 17 wins & 33 nominations."  
 ## [1919] "Nominated for 3 Oscars. Another 5 wins & 21 nominations."  
 ## [1920] "Won 2 Oscars. Another 59 wins & 53 nominations."  
 ## [1921] "Won 2 Oscars. Another 52 wins & 51 nominations."  
 ## [1922] "54 wins & 7 nominations."  
 ## [1923] "12 wins & 9 nominations."  
 ## [1924] "Won 1 BAFTA Film Award. Another 5 wins & 11 nominations."  
 ## [1925] "Nominated for 3 Oscars. Another 25 wins & 20 nominations."  
 ## [1926] "Nominated for 1 Golden Globe. Another 28 wins & 13 nominations."  
 ## [1927] "Nominated for 4 Oscars. Another 19 wins & 54 nominations."  
 ## [1928] "Nominated for 1 Oscar. Another 9 wins & 25 nominations."  
 ## [1929] "2 wins & 23 nominations."  
 ## [1930] "Won 1 BAFTA Film Award. Another 28 wins & 31 nominations."  
 ## [1931] "42 wins & 18 nominations."  
 ## [1932] "Nominated for 1 Oscar. Another 5 wins & 14 nominations."  
 ## [1933] "Nominated for 1 Oscar. Another 14 wins & 24 nominations."  
 ## [1934] "Won 1 Oscar. Another 17 wins & 6 nominations."  
 ## [1935] "Won 1 Oscar. Another 41 wins & 120 nominations."  
 ## [1936] "Won 3 Oscars. Another 52 wins & 70 nominations."  
 ## [1937] "Nominated for 1 Oscar. Another 10 nominations."  
 ## [1938] "Won 2 Oscars. Another 114 wins & 127 nominations."

## [1939] "Nominated for 2 Golden Globes. Another 2 wins & 10 nominations."  
 ## [1940] "Won 4 Oscars. Another 33 wins & 63 nominations."  
 ## [1941] "Nominated for 1 Oscar. Another 10 wins & 45 nominations."  
 ## [1942] "Nominated for 1 Oscar. Another 46 wins & 56 nominations."  
 ## [1943] "Nominated for 1 Golden Globe. Another 28 wins & 50 nominations."  
 ## [1944] "Nominated for 1 Golden Globe. Another 4 wins & 18 nominations."  
 ## [1945] "4 wins & 17 nominations."  
 ## [1946] "Nominated for 1 BAFTA Film Award. Another 6 wins & 28 nominations."  
 ## [1947] "Nominated for 1 Oscar. Another 8 wins & 27 nominations."  
 ## [1948] "Won 4 Oscars. Another 95 wins & 127 nominations."  
 ## [1949] "Nominated for 2 Oscars. Another 1 win & 20 nominations."  
 ## [1950] "Nominated for 1 Oscar. Another 6 wins & 23 nominations."  
 ## [1951] "Nominated for 2 Oscars. Another 4 wins & 24 nominations."  
 ## [1952] "Nominated for 3 Oscars. Another 8 wins & 18 nominations."  
 ## [1953] "Nominated for 1 Oscar. Another 7 wins & 17 nominations."  
 ## [1954] "Nominated for 5 Oscars. Another 10 wins & 75 nominations."  
 ## [1955] "Nominated for 2 Oscars. Another 2 wins & 25 nominations."  
 ## [1956] "Nominated for 7 Oscars. Another 23 wins & 50 nominations."  
 ## [1957] "Nominated for 1 Oscar. Another 14 wins & 37 nominations."  
 ## [1958] "Nominated for 6 Oscars. Another 32 wins & 47 nominations."  
 ## [1959] "21 wins & 18 nominations."  
 ## [1960] "16 wins & 21 nominations."  
 ## [1961] "Nominated for 2 Golden Globes. Another 4 wins & 15 nominations."  
 ## [1962] "Nominated for 1 Oscar. Another 5 wins & 19 nominations."  
 ## [1963] "Won 4 Oscars. Another 33 wins & 43 nominations."  
 ## [1964] "Nominated for 2 Oscars. Another 5 wins & 8 nominations."  
 ## [1965] "Nominated for 7 Oscars. Another 20 wins & 41 nominations."  
 ## [1966] "Won 1 Oscar. Another 9 wins & 27 nominations."  
 ## [1967] "Nominated for 2 Oscars. Another 14 wins & 22 nominations."  
 ## [1968] "Nominated for 1 Oscar. Another 14 wins & 19 nominations."  
 ## [1969] "Nominated for 2 Golden Globes. Another 3 wins & 2 nominations."  
 ## [1970] "Nominated for 2 Oscars. Another 8 wins & 16 nominations."  
 ## [1971] "Nominated for 1 Oscar. Another 4 wins & 18 nominations."  
 ## [1972] "4 wins & 16 nominations."  
 ## [1973] "Nominated for 1 Golden Globe. Another 2 wins & 9 nominations."  
 ## [1974] "Nominated for 2 Oscars. Another 33 wins & 52 nominations."  
 ## [1975] "Nominated for 1 Golden Globe. Another 5 wins & 30 nominations."  
 ## [1976] "Won 1 Oscar. Another 35 wins & 31 nominations."  
 ## [1977] "Nominated for 1 Oscar. Another 9 wins & 33 nominations."  
 ## [1978] "Won 9 Oscars. Another 49 wins & 66 nominations."  
 ## [1979] "Nominated for 1 Golden Globe. Another 7 wins & 11 nominations."  
 ## [1980] "Won 1 Oscar. Another 8 wins & 11 nominations."  
 ## [1981] "Nominated for 1 Oscar. Another 8 wins & 20 nominations."  
 ## [1982] "Nominated for 1 Oscar. Another 9 wins & 8 nominations."  
 ## [1983] "Nominated for 1 Oscar. Another 1 win & 9 nominations."  
 ## [1984] "Won 2 Oscars. Another 32 wins & 16 nominations."  
 ## [1985] "Nominated for 7 Oscars. Another 16 wins & 20 nominations."  
 ## [1986] "Nominated for 1 Oscar. Another 6 wins & 17 nominations."  
 ## [1987] "Won 2 Oscars. Another 29 wins & 27 nominations."  
 ## [1988] "Won 3 Oscars. Another 56 wins & 42 nominations."  
 ## [1989] "Nominated for 8 Oscars. Another 16 wins & 24 nominations."  
 ## [1990] "Won 1 Oscar. Another 13 wins & 26 nominations."  
 ## [1991] "Won 1 Oscar. Another 11 wins & 28 nominations."  
 ## [1992] "Nominated for 4 Oscars. Another 9 wins & 19 nominations."



```

## [1993] "Won 1 Oscar. Another 20 wins & 36 nominations."
## [1994] "Nominated for 2 Oscars. Another 11 wins & 18 nominations."
## [1995] "Won 3 Oscars. Another 12 wins & 15 nominations."
## [1996] "Won 1 Oscar. Another 6 wins & 13 nominations."
## [1997] "Nominated for 2 Golden Globes. Another 6 wins & 6 nominations."
## [1998] "Nominated for 3 Oscars. Another 25 wins & 22 nominations."
## [1999] "Nominated for 7 Oscars. Another 3 wins & 11 nominations."
## [2000] "Won 5 Oscars. Another 48 wins & 34 nominations."
## [2001] "Nominated for 7 Oscars. Another 5 wins & 13 nominations."
## [2002] "Won 1 Oscar. Another 5 wins & 13 nominations."
## [2003] "Won 9 Oscars. Another 43 wins & 15 nominations."
## [2004] "Nominated for 1 Primetime Emmy. Another 1 win & 3 nominations."
## [2005] "Won 1 Oscar. Another 10 wins & 15 nominations."
## [2006] "Won 3 Oscars. Another 21 wins & 23 nominations."
## [2007] "Nominated for 11 Oscars. Another 13 wins & 13 nominations."
## [2008] "Won 2 Oscars. Another 19 wins & 26 nominations."
## [2009] "Nominated for 2 Oscars. Another 1 win & 6 nominations."
## [2010] "Won 4 Oscars. Another 7 wins & 15 nominations."
## [2011] "Nominated for 5 Oscars. Another 3 wins & 9 nominations."
## [2012] "Nominated for 6 Oscars. Another 13 wins & 5 nominations."
## [2013] "Nominated for 8 Oscars. Another 10 wins & 14 nominations."
## [2014] "Nominated for 2 Oscars. Another 6 nominations."
## [2015] "Nominated for 2 Oscars. Another 7 wins & 4 nominations."
## [2016] "Nominated for 2 Oscars. Another 3 wins & 9 nominations."
## [2017] "Won 5 Oscars. Another 17 wins & 26 nominations."
## [2018] "Nominated for 4 Oscars. Another 1 win & 7 nominations."
## [2019] "Nominated for 3 Oscars. Another 2 wins & 8 nominations."
## [2020] "Won 3 BAFTA Film Awards. Another 4 wins & 4 nominations."
## [2021] "Nominated for 3 Golden Globes. Another 2 wins & 2 nominations."
## [2022] "Nominated for 3 Golden Globes. Another 2 wins & 1 nomination."
## [2023] "Won 3 Oscars. Another 9 wins & 13 nominations."
## [2024] "Won 6 Oscars. Another 10 wins & 20 nominations."
## [2025] "Nominated for 3 Oscars. Another 14 wins & 13 nominations."
## [2026] "Won 7 Oscars. Another 10 wins & 6 nominations."
## [2027] "Won 3 Oscars. Another 23 wins & 27 nominations."
## [2028] "Won 5 Oscars. Another 17 wins & 10 nominations."
## [2029] "Won 2 BAFTA Film Awards. Another 1 win & 2 nominations."
## [2030] "Nominated for 2 Oscars. Another 5 wins & 4 nominations."
## [2031] "Won 6 Oscars. Another 27 wins & 8 nominations."
## [2032] "Won 5 Oscars. Another 12 wins & 13 nominations."
## [2033] "Nominated for 5 Oscars. Another 1 win & 1 nomination."
## [2034] "Nominated for 2 Oscars. Another 2 wins & 5 nominations."
## [2035] "Won 2 Oscars. Another 6 wins & 6 nominations."
## [2036] "Won 2 Oscars. Another 11 wins & 20 nominations."
## [2037] "Won 5 Oscars. Another 19 wins & 8 nominations."
## [2038] "Nominated for 8 Oscars. Another 11 wins & 15 nominations."
## [2039] "Won 7 Oscars. Another 23 wins & 7 nominations."
## [2040] "Won 4 Oscars. Another 13 wins & 15 nominations."
## [2041] "Won 7 Oscars. Another 13 wins & 2 nominations."
## [2042] "Won 4 Oscars. Another 12 wins & 3 nominations."

```

```
print(summary(df6))
```

```

##      Title      Awards      Gross
## Length:39952 Length:39952 Min.    :0.000e+00

```

```
## Class :character    Class :character    1st Qu.:5.000e+06
## Mode  :character    Mode  :character    Median :3.006e+07
##                                     Mean  :9.057e+07
##                                     3rd Qu.:1.008e+08
##                                     Max.  :2.784e+09
##                                     NA's  :35442
```

```
print(head(df6))
```

```
##           Title Awards Gross
## 1 39 Pounds of Love 3 wins.   NA
## 2           3:am      N/A     NA
## 3   500 Years Later 2 wins.   NA
## 4       5th World  1 win.     NA
## 5           90      N/A      NA
## 6 Abel Raises Cain 5 wins.   NA
```

```
awards = stri_extract_all(df6$Awards, regex="\\d+")
award_labels = stri_extract_all(df6$Awards, regex="win|won|nomin")
print(head(awards))
```

```
## [[1]]
## [1] "3"
##
## [[2]]
## [1] NA
##
## [[3]]
## [1] "2"
##
## [[4]]
## [1] "1"
##
## [[5]]
## [1] NA
##
## [[6]]
## [1] "5"
```

```
print(head(award_labels))
```

```
## [[1]]
## [1] "win"
##
## [[2]]
## [1] NA
##
## [[3]]
## [1] "win"
##
## [[4]]
## [1] "win"
##
## [[5]]
## [1] NA
##
```

```
## [[6]]
## [1] "win"

wins_list = c()
nominations_list = c()

for (i in 1:length(awards)){
  wins = 0
  nominations = 0
  for(j in 1:length(awards[[i]])){
    if(!is.na(award_labels[[i]][j]) & (award_labels[[i]][j] == 'wins' | award_labels[[i]][j] == 'win')){
      wins = wins + as.numeric(awards[[i]][j])
    } else if (!is.na(award_labels[[i]][j]) & award_labels[[i]][j] == 'nomin'){
      nominations = nominations + as.numeric(awards[[i]][j])
    }
  }
  wins_list = c(wins_list, wins)
  nominations_list = c(nominations_list, nominations)
}

df$wins = wins_list
df$nominations = nominations_list

print(head(df[c('Awards', 'wins', 'nominations')], 20))
```

```
##           Awards wins nominations
## 1           3 wins.      3          0
## 2              N/A      0          0
## 3           2 wins.      2          0
## 4            1 win.      1          0
## 5              N/A      0          0
## 6           5 wins.      5          0
## 7              N/A      0          0
## 8              N/A      0          0
## 9              N/A      0          0
## 10             N/A      0          0
## 11             N/A      0          0
## 12             N/A      0          0
## 13 5 wins & 4 nominations.  5          4
## 14              N/A      0          0
## 15  1 win & 1 nomination.  1          1
## 16              1 win.      1          0
## 17              N/A      0          0
## 18  2 wins & 1 nomination.  2          1
## 19              N/A      0          0
## 20           1 nomination.  0          1
```

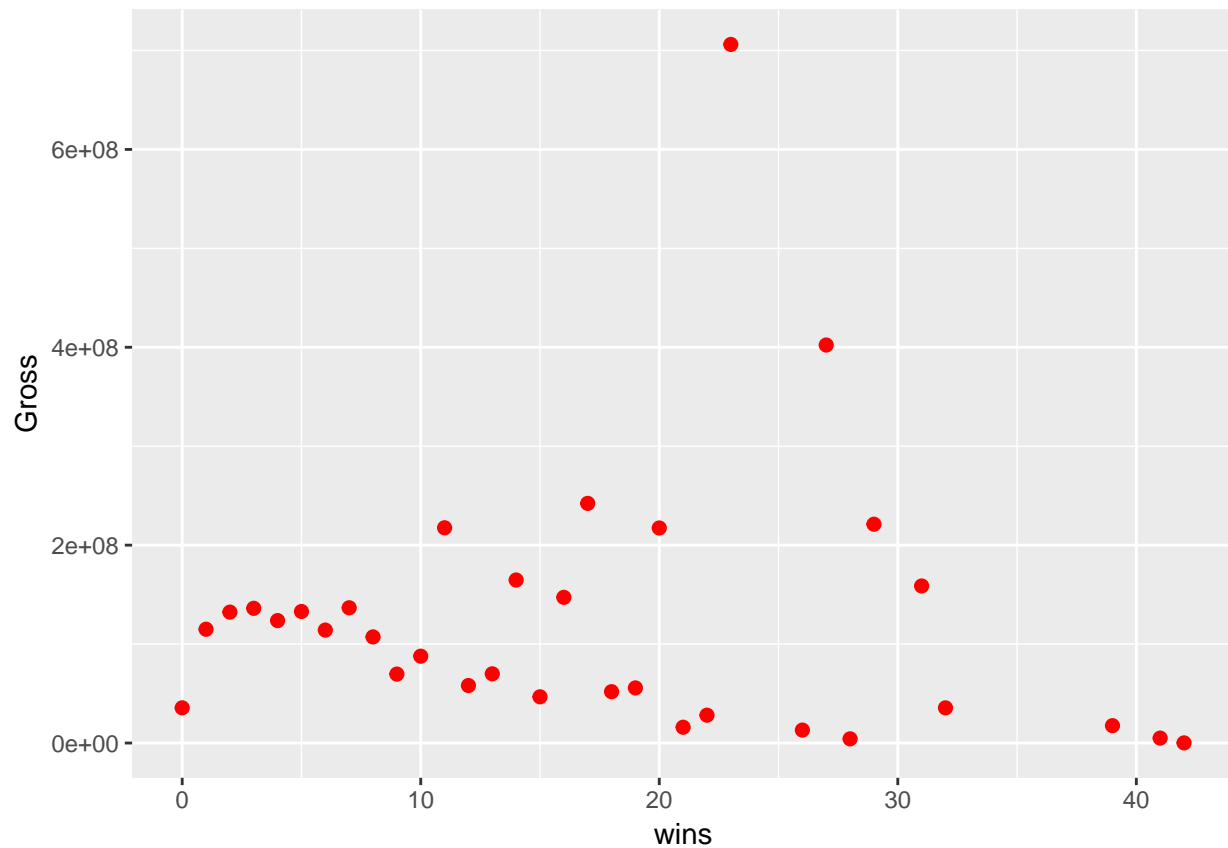
**Q:** How did you construct your conversion mechanism? How many rows had valid/non-zero wins or nominations?

**A:** To construct the conversion mechanism, I first used `stri_extract_all` to extract all numerical substrings. I then extracted all instances of “win, won, or nomin”. I then assigned the numerical to however it corresponded to the position of “win, won, or nomin”.

```
# TODO: Plot Gross revenue against wins and nominations
ggplot(df, aes(wins, Gross)) +
```

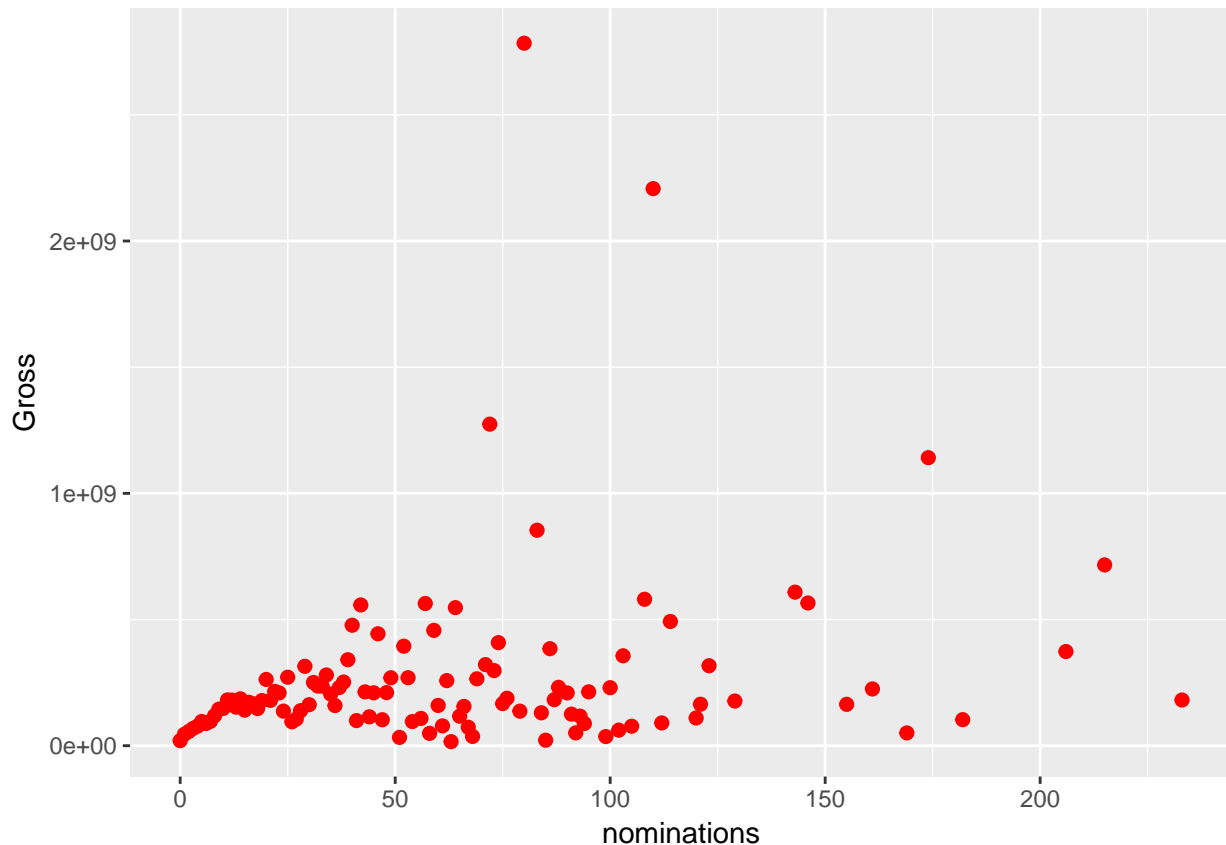
```
stat_summary(fun.y = "mean", colour = "red", size = 2, geom = "point")
```

```
## Warning: Removed 35442 rows containing non-finite values (stat_summary).
```



```
ggplot(df, aes(nominations, Gross)) +  
  stat_summary(fun.y = "mean", colour = "red", size = 2, geom = "point")
```

```
## Warning: Removed 35442 rows containing non-finite values (stat_summary).
```



Q: How does the gross revenue vary by number of awards won and nominations received?

A: Surprisingly, there does not seem to be much of a relationship between gross revenue and awards won.

## 7. Movie ratings from IMDb and Rotten Tomatoes

There are several variables that describe ratings, including IMDb ratings (`imdbRating` represents average user ratings and `imdbVotes` represents the number of user ratings), and multiple Rotten Tomatoes ratings (represented by several variables pre-fixed by `tomato`). Read up on such ratings on the web (for example [rottentomatoes.com/about](http://rottentomatoes.com/about) and [www.imdb.com/help/show\\_leaf?votestopfaq](http://www.imdb.com/help/show_leaf?votestopfaq)).

Investigate the pairwise relationships between these different descriptors using graphs.

```
library(GGally)

# TODO: Illustrate how ratings from IMDb and Rotten Tomatoes are related
cols = c('imdbRating', 'imdbVotes', 'tomatoMeter', 'tomatoImage', 'tomatoRating', 'tomatoReviews',
         'tomatoFresh', 'tomatoRotten', 'tomatoConsensus', 'tomatoUserMeter', 'tomatoUserRating',
         'tomatoUserReviews')
df7 = df[cols]

print(summary(df7))
```

##	imdbRating	imdbVotes	tomatoMeter	tomatoImage
##	Min. :1.000	Min. : 5	Min. : 0.00	Length:39952
##	1st Qu.:5.600	1st Qu.: 60	1st Qu.: 35.00	Class :character
##	Median :6.400	Median : 211	Median : 63.00	Mode :character
##	Mean :6.234	Mean : 12025	Mean : 58.56	

```
## 3rd Qu.:7.100 3rd Qu.: 1294 3rd Qu.: 83.00
## Max. :9.800 Max. :1684836 Max. :100.00
## NA's :1134 NA's :1172 NA's :30539
## tomatoRating tomatoReviews tomatoFresh tomatoRotten
## Min. :0.000 Min. : 1.00 Min. : 0.00 Min. : 0.00
## 1st Qu.:4.800 1st Qu.: 11.00 1st Qu.: 5.00 1st Qu.: 3.00
## Median :6.000 Median : 28.00 Median : 15.00 Median : 9.00
## Mean :5.875 Mean : 57.47 Mean : 34.32 Mean : 23.14
## 3rd Qu.:7.000 3rd Qu.: 88.00 3rd Qu.: 43.00 3rd Qu.: 30.00
## Max. :9.800 Max. :360.00 Max. :343.00 Max. :249.00
## NA's :30548 NA's :30494 NA's :30494 NA's :30494
## tomatoConsensus tomatoUserMeter tomatoUserRating tomatoUserReviews
## Length:39952 Min. : 0.00 Min. :0.000 Min. : 0
## Class :character 1st Qu.: 38.00 1st Qu.:2.900 1st Qu.: 46
## Mode :character Median : 57.00 Median :3.300 Median : 341
## Mean : 55.51 Mean :3.264 Mean : 93049
## 3rd Qu.: 75.00 3rd Qu.:3.600 3rd Qu.: 4947
## Max. :100.00 Max. :5.000 Max. :35794556
## NA's :21936 NA's :21852 NA's :15980
```

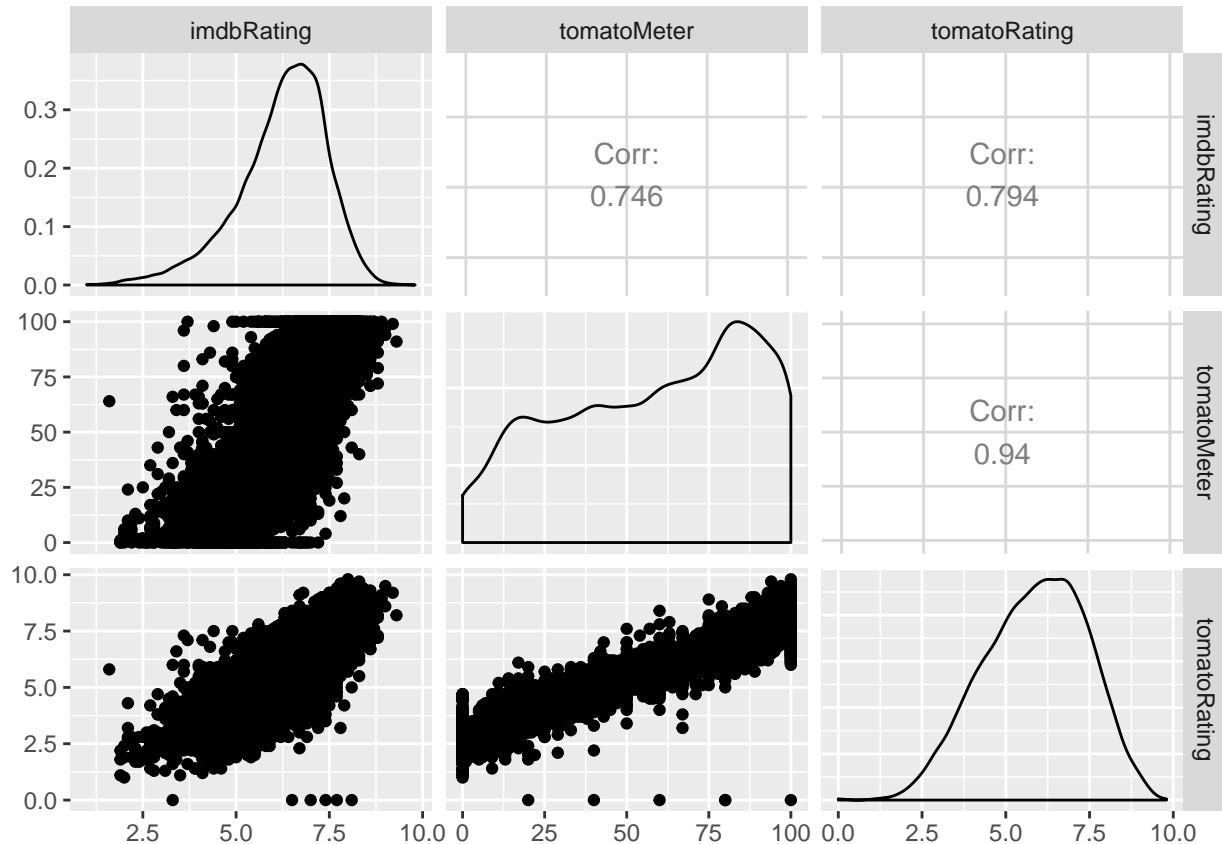
```
print(head(df7))
```

```
## imdbRating imdbVotes tomatoMeter tomatoImage tomatoRating tomatoReviews
## 1 6.8 234 NA N/A NA NA
## 2 8.2 13 NA N/A NA NA
## 3 7.0 161 NA N/A NA NA
## 4 6.4 31 NA N/A NA NA
## 5 8.3 18 NA N/A NA NA
## 6 7.5 197 NA N/A NA NA
## tomatoFresh tomatoRotten tomatoConsensus tomatoUserMeter
## 1 NA NA N/A NA
## 2 NA NA N/A NA
## 3 NA NA N/A 88
## 4 NA NA N/A NA
## 5 NA NA N/A NA
## 6 NA NA N/A 60
## tomatoUserRating tomatoUserReviews
## 1 NA 50
## 2 NA NA
## 3 4.2 341
## 4 NA 8
## 5 NA NA
## 6 4.0 67
```

```
ggpairs(df7, columns=c('imdbRating', 'tomatoMeter', 'tomatoRating'), aes())
```

```
## Warning: Removed 1134 rows containing non-finite values (stat_density).
## Warning in (function (data, mapping, alignPercent = 0.6, method =
## "pearson", : Removed 30541 rows containing missing values
## Warning in (function (data, mapping, alignPercent = 0.6, method =
## "pearson", : Removed 30550 rows containing missing values
## Warning: Removed 30541 rows containing missing values (geom_point).
## Warning: Removed 30539 rows containing non-finite values (stat_density).
```

```
## Warning in (function (data, mapping, alignPercent = 0.6, method =
## "pearson", : Removed 30548 rows containing missing values
## Warning: Removed 30550 rows containing missing values (geom_point).
## Warning: Removed 30548 rows containing missing values (geom_point).
## Warning: Removed 30548 rows containing non-finite values (stat_density).
```



**Q:** Comment on the similarities and differences between the user ratings of IMDb and the critics ratings of Rotten Tomatoes.

**A:** First off, it's interesting to note that we have significantly more data of IMDB ratings than Rotten tomatoes. In our data, we have about 1100 movies with missing IMDB ratings. However, we have close to 30,000 movies with missing Rotten Tomatoes ratings.

In the plot above we plot the `ggpairs` of `imdbRating`, `tomatoMeter`, and `tomatoRating`. Notice that the correlation between `tomatoMeter` and `tomatoRating` is very high, at 0.94. This makes sense as it's from the same source. The correlation between `tomatoMeter` and `imdbRating` is a bit lower, at around 0.746 vs 0.794 which is the correlation between `tomatoRating` and `imdbRating`.

Looking at the summary of the variables as well, it looks like `imdbRating` and `tomatoRating` are rated on similar scales. `imdbRating` looks like it's rated on a scale of 1 to 10, while `tomatoRating` looks like it's rated on a scale of 0 to 9.8. However, `tomatoMeter` looks like it's scaled from 0 to 100.

## 8. Ratings and awards

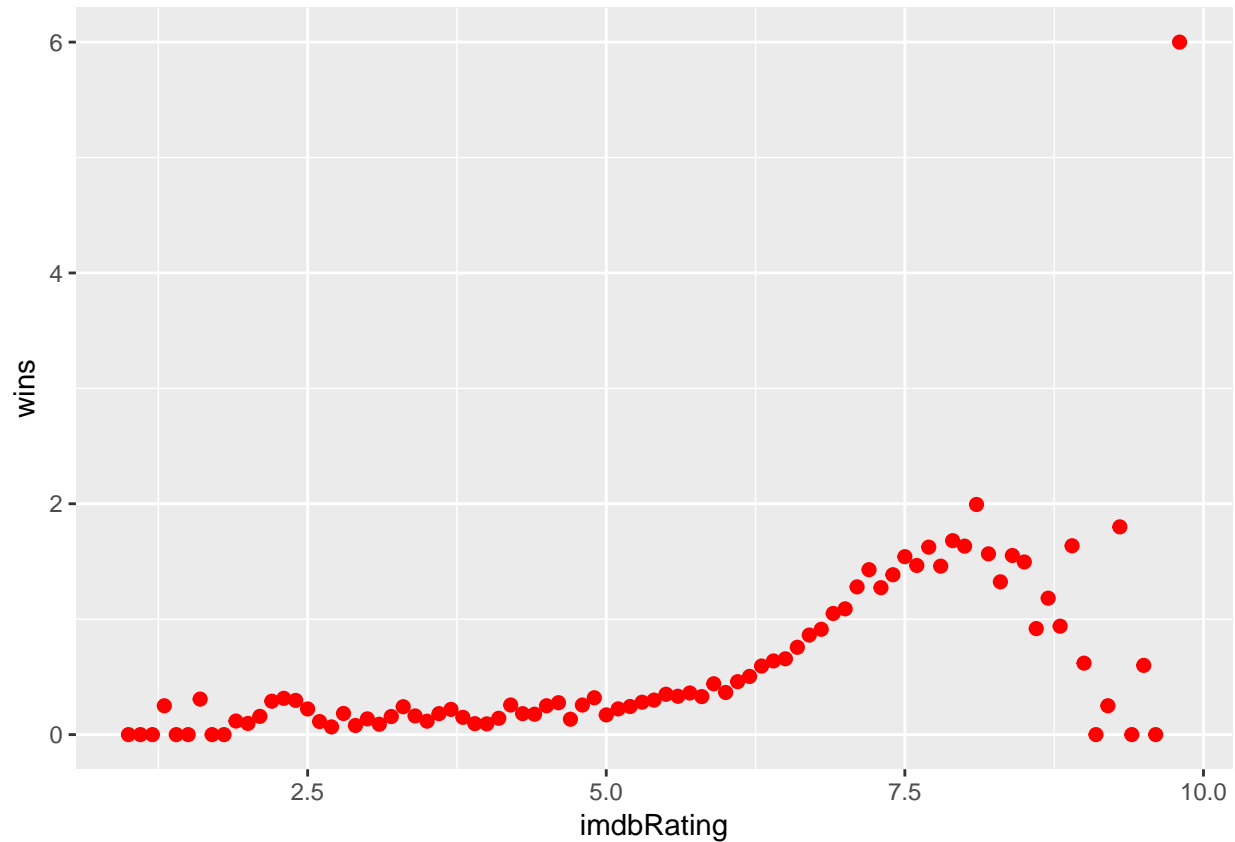
These ratings typically reflect the general appeal of the movie to the public or gather opinions from a larger body of critics. Whereas awards are given by professional societies that may evaluate a movie on specific attributes, such as artistic performance, screenplay, sound design, etc.

Study the relationship between ratings and awards using graphs (awards here refers to wins and/or nominations).

```
# TODO: Show how ratings and awards are related
```

```
ggplot(df, aes(imdbRating, wins)) +  
  stat_summary(fun.y = "mean", colour = "red", size = 2, geom = "point")
```

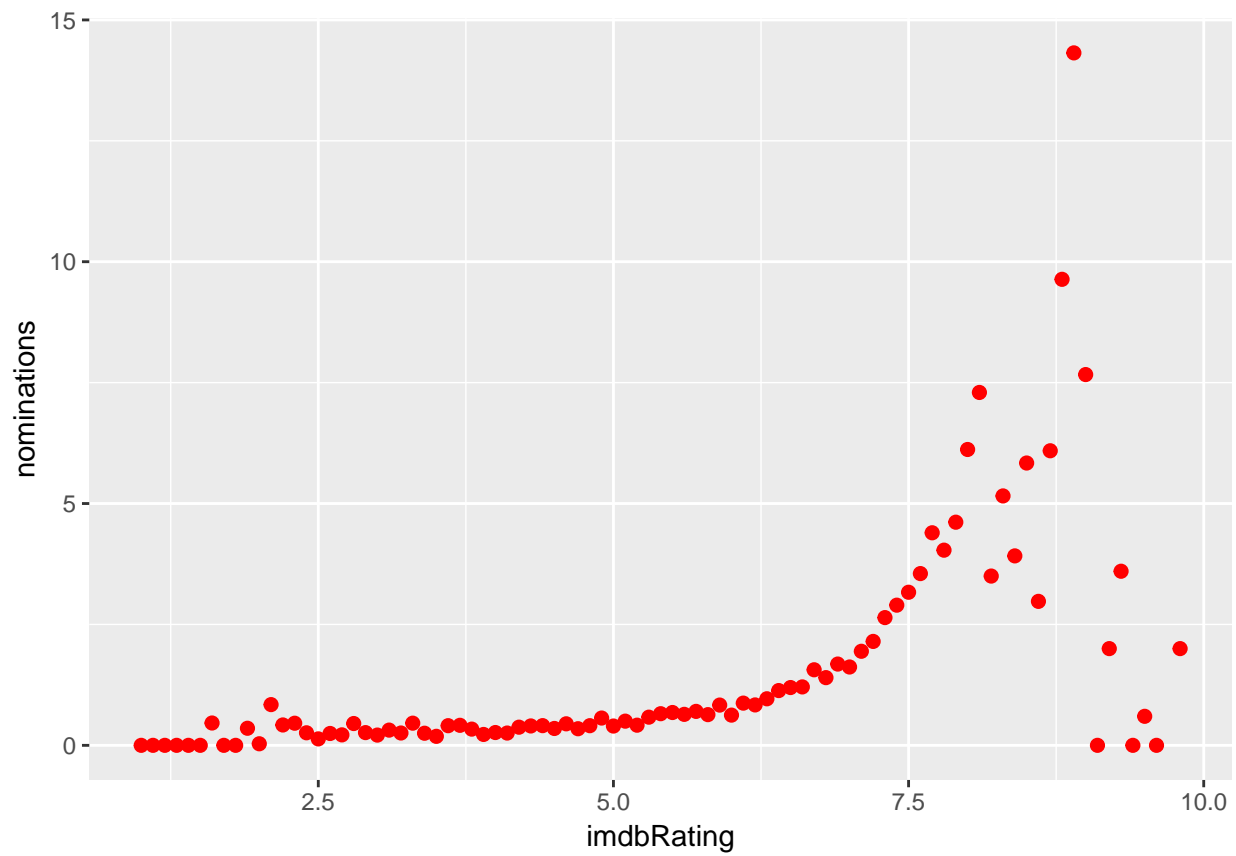
```
## Warning: Removed 1134 rows containing non-finite values (stat_summary).
```



```
ggplot(df, aes(imdbRating, nominations)) +  
  stat_summary(fun.y = "mean", colour = "red", size = 2, geom = "point")
```

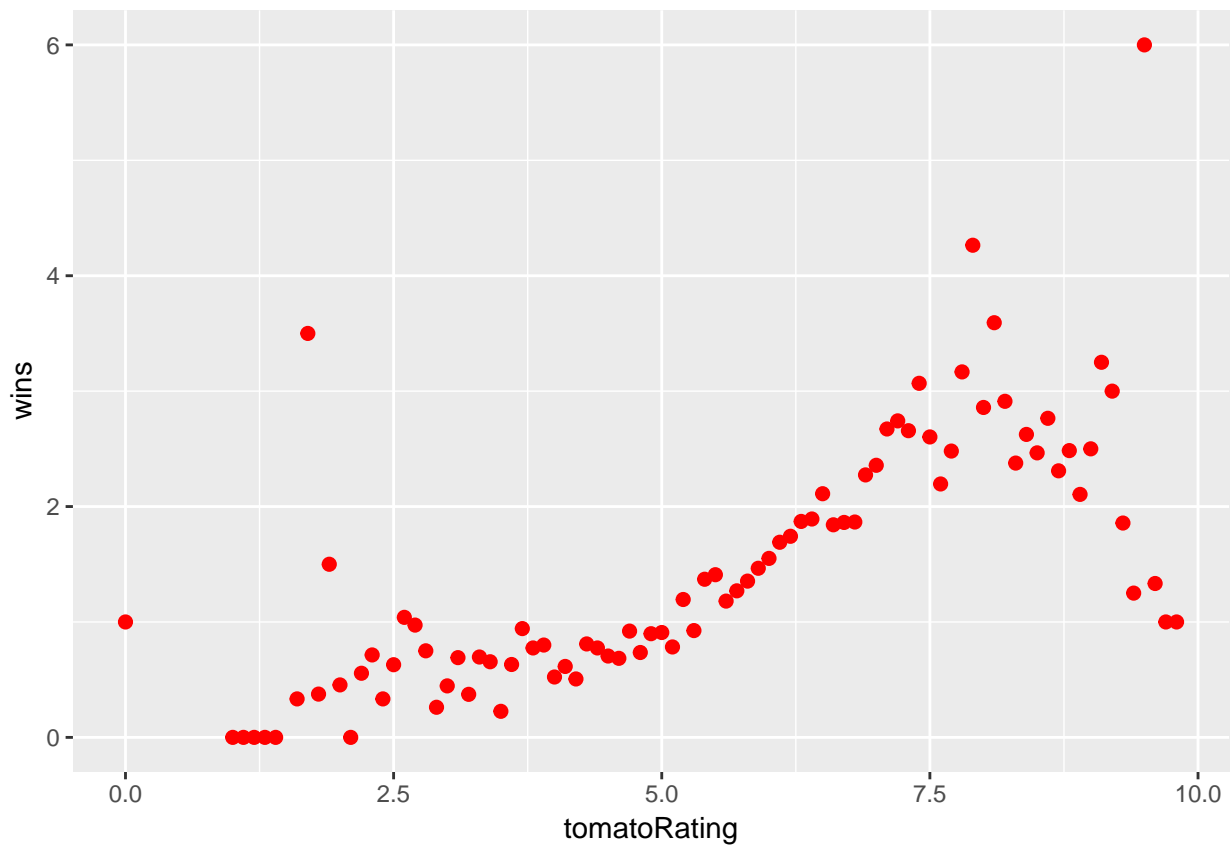
```
## Warning: Removed 1134 rows containing non-finite values (stat_summary).
```





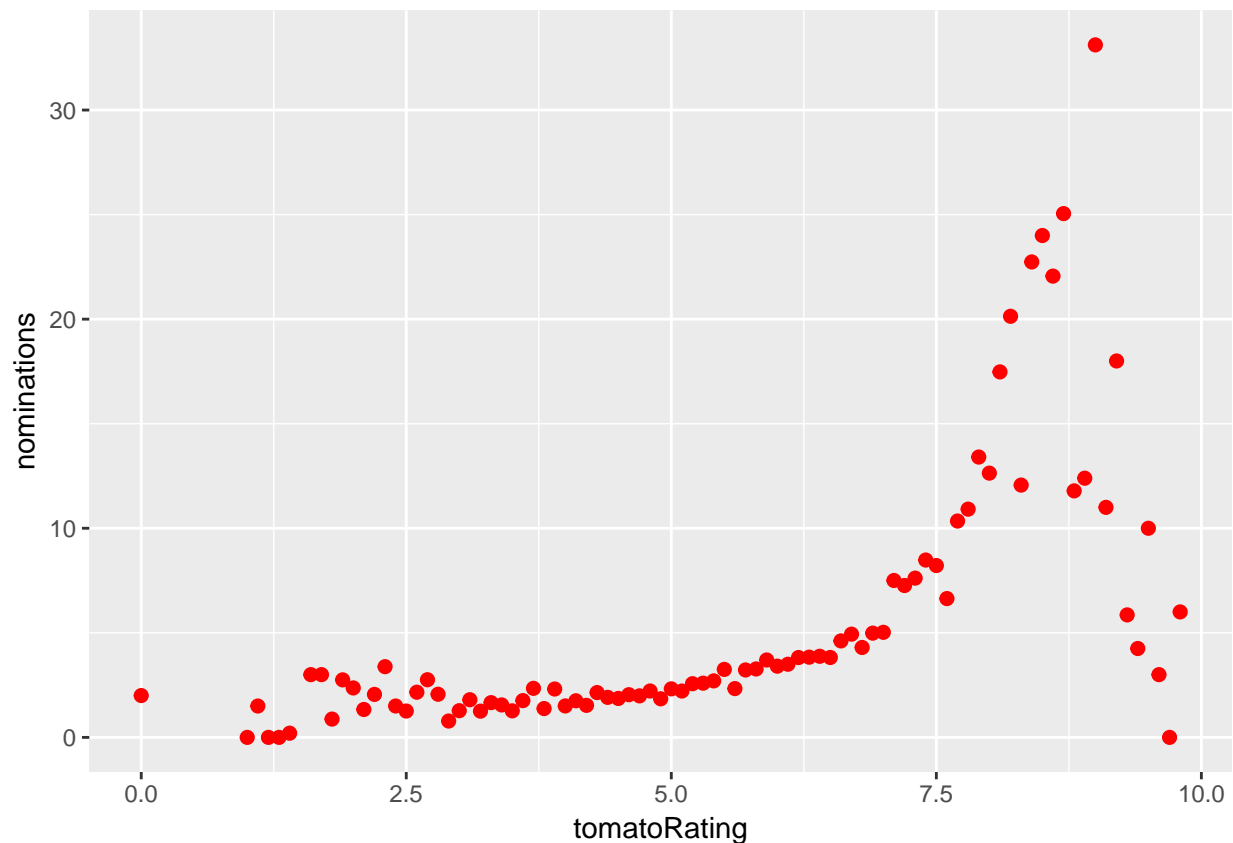
```
ggplot(df, aes(tomatoRating, wins)) +  
  stat_summary(fun.y = "mean", colour = "red", size = 2, geom = "point")
```

## Warning: Removed 30548 rows containing non-finite values (stat\_summary).



```
ggplot(df, aes(tomatoRating, nominations)) +  
  stat_summary(fun.y = "mean", colour = "red", size = 2, geom = "point")
```

```
## Warning: Removed 30548 rows containing non-finite values (stat_summary).
```



```
mod1 = lm(wins ~ imdbRating, data = df)
summary(mod1)
```

```
##
## Call:
## lm(formula = wins ~ imdbRating, data = df)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -1.938 -0.883 -0.531  0.067 52.695
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -1.439096   0.054933  -26.20  <2e-16 ***
## imdbRating   0.351807   0.008653   40.66  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 2.047 on 38816 degrees of freedom
## (1134 observations deleted due to missingness)
## Multiple R-squared:  0.04084,    Adjusted R-squared:  0.04082
## F-statistic: 1653 on 1 and 38816 DF,  p-value: < 2.2e-16
```

```
mod1 = lm(nominations ~ imdbRating, data = df)
summary(mod1)
```

```
##
## Call:
```

```
## lm(formula = nominations ~ imdbRating, data = df)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -4.496  -1.947  -1.156   0.019  229.822
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -3.94098    0.16743  -23.54  <2e-16 ***
## imdbRating   0.87885    0.02637   33.32  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 6.238 on 38816 degrees of freedom
## (1134 observations deleted due to missingness)
## Multiple R-squared:  0.02781,    Adjusted R-squared:  0.02778
## F-statistic: 1110 on 1 and 38816 DF,  p-value: < 2.2e-16
```

```
mod1 = lm(wins ~ tomatoRating, data = df)
summary(mod1)
```

```
##
## Call:
## lm(formula = wins ~ tomatoRating, data = df)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -3.348  -1.445  -0.744   0.305  51.353
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -1.30926    0.12455  -10.51  <2e-16 ***
## tomatoRating  0.50076    0.02052   24.41  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 3.043 on 9402 degrees of freedom
## (30548 observations deleted due to missingness)
## Multiple R-squared:  0.05958,    Adjusted R-squared:  0.05948
## F-statistic: 595.7 on 1 and 9402 DF,  p-value: < 2.2e-16
```

```
mod1 = lm(nominations ~ tomatoRating, data = df)
summary(mod1)
```

```
##
## Call:
## lm(formula = nominations ~ tomatoRating, data = df)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -14.050  -4.886  -1.832   1.584  220.595
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -8.74148    0.46064  -18.98  <2e-16 ***
```

```
## tomatoRating 2.34962 0.07588 30.96 <2e-16 ***
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 11.25 on 9402 degrees of freedom
## (30548 observations deleted due to missingness)
## Multiple R-squared: 0.09253, Adjusted R-squared: 0.09244
## F-statistic: 958.7 on 1 and 9402 DF, p-value: < 2.2e-16
```

**Q:** How good are these ratings in terms of predicting the success of a movie in winning awards or nominations? Is there a high correlation between two variables?

**A:** One extremely interesting trend from the graph above is that for both `imdbRatings` and `tomatoRatings` generally there is a positive correlation between ratings and both wins and nominations. But very interestingly enough, the relationship is actually not monotonic. In the extremely upper regions of ratings, the number of wins and nominations actually decrease!

I fit a linear regression between wins and nominations against ratings field. Notice that in each regression the coefficient is significant, which means that there is a significant positive relationship between rating and nominations and wins. However, the  $R^2$  is relatively low, so the correlation is relatively low.

## 9. Expected insights

Come up with two new insights (backed up by data and graphs) that is expected. Here “new” means insights that are not an immediate consequence of one of the above tasks. You may use any of the columns already explored above or a different one in the dataset, such as `Title`, `Actors`, etc.

```
# TODO: Find and illustrate two expected insights
df = cbind(df, mtabulate(strsplit(df$Country, ", ")))
print(summary(df))
```

```
##      Title      Year      Rated      Released
## Length:39952 Min. :1888 Length:39952 Min. :1893-05-09
## Class :character 1st Qu.:1961 Class :character 1st Qu.:1959-02-04
## Mode :character Median :1989 Mode :character Median :1989-10-06
## Mean :1981 Mean :1980-12-02
## 3rd Qu.:2001 3rd Qu.:2001-11-07
## Max. :2018 Max. :2018-08-01
## NA's :4949
##      Runtime      Director      Writer      Actors
## Min. : 1.00 Length:39952 Length:39952 Length:39952
## 1st Qu.: 72.00 Class :character Class :character Class :character
## Median : 90.00 Mode :character Mode :character Mode :character
## Mean : 81.78
## 3rd Qu.:101.00
## Max. :873.00
## NA's :751
##      Plot      Language      Country
## Length:39952 Length:39952 Length:39952
## Class :character Class :character Class :character
## Mode :character Mode :character Mode :character
##
##
##
```

## Awards	Poster	Metascore	imdbRating
## Length:39952	Length:39952	Length:39952	Min. :1.000
## Class :character	Class :character	Class :character	1st Qu.:5.600
## Mode :character	Mode :character	Mode :character	Median :6.400
##			Mean :6.234
##			3rd Qu.:7.100
##			Max. :9.800
##			NA's :1134
## imdbVotes	imdbID	Type	tomatoMeter
## Min. : 5	Length:39952	Length:39952	Min. : 0.00
## 1st Qu.: 60	Class :character	Class :character	1st Qu.: 35.00
## Median : 211	Mode :character	Mode :character	Median : 63.00
## Mean : 12025			Mean : 58.56
## 3rd Qu.: 1294			3rd Qu.: 83.00
## Max. :1684836			Max. :100.00
## NA's :1172			NA's :30539
## tomatoImage	tomatoRating	tomatoReviews	tomatoFresh
## Length:39952	Min. :0.000	Min. : 1.00	Min. : 0.00
## Class :character	1st Qu.:4.800	1st Qu.: 11.00	1st Qu.: 5.00
## Mode :character	Median :6.000	Median : 28.00	Median : 15.00
##	Mean :5.875	Mean : 57.47	Mean : 34.32
##	3rd Qu.:7.000	3rd Qu.: 88.00	3rd Qu.: 43.00
##	Max. :9.800	Max. :360.00	Max. :343.00
##	NA's :30548	NA's :30494	NA's :30494
## tomatoRotten	tomatoConsensus	tomatoUserMeter	tomatoUserRating
## Min. : 0.00	Length:39952	Min. : 0.00	Min. :0.000
## 1st Qu.: 3.00	Class :character	1st Qu.: 38.00	1st Qu.:2.900
## Median : 9.00	Mode :character	Median : 57.00	Median :3.300
## Mean : 23.14		Mean : 55.51	Mean :3.264
## 3rd Qu.: 30.00		3rd Qu.: 75.00	3rd Qu.:3.600
## Max. :249.00		Max. :100.00	Max. :5.000
## NA's :30494		NA's :21936	NA's :21852
## tomatoUserReviews	tomatoURL	DVD	
## Min. : 0	Length:39952	Min. :1933-06-30	
## 1st Qu.: 46	Class :character	1st Qu.:2000-12-19	
## Median : 341	Mode :character	Median :2004-04-13	
## Mean : 93049		Mean :2004-01-18	
## 3rd Qu.: 4947		3rd Qu.:2007-02-20	
## Max. :35794556		Max. :2016-10-04	
## NA's :15980		NA's :23185	
## BoxOffice	Production	Website	
## Length:39952	Length:39952	Length:39952	
## Class :character	Class :character	Class :character	
## Mode :character	Mode :character	Mode :character	
##			
##			
##			
##			
## Response	Budget	Domestic_Gross	
## Length:39952	Min. : 1100	Min. : 0	
## Class :character	1st Qu.: 5000000	1st Qu.: 2453542	
## Mode :character	Median :18000000	Median : 19539834	
##	Mean : 31952913	Mean : 42934963	
##	3rd Qu.: 40000000	3rd Qu.: 55070326	

##		Max. :425000000	Max. :760507625
##		NA's :35442	NA's :35442
##	Gross	Date	Action
##	Min. :0.000e+00	Min. :1915	Min. :0.0000
##	1st Qu.:5.000e+06	1st Qu.:1999	1st Qu.:0.0000
##	Median :3.006e+07	Median :2005	Median :0.0000
##	Mean :9.057e+07	Mean :2003	Mean :0.1104
##	3rd Qu.:1.008e+08	3rd Qu.:2011	3rd Qu.:0.0000
##	Max. :2.784e+09	Max. :2017	Max. :1.0000
##	NA's :35442	NA's :35442	
##	Adventure	Animation	Biography
##	Min. :0.00000	Min. :0.00000	Min. :0.00000
##	1st Qu.:0.00000	1st Qu.:0.00000	1st Qu.:0.00000
##	Median :0.00000	Median :0.00000	Median :0.00000
##	Mean :0.07324	Mean :0.06976	Mean :0.02768
##	3rd Qu.:0.00000	3rd Qu.:0.00000	3rd Qu.:1.0000
##	Max. :1.00000	Max. :1.00000	Max. :1.0000
##			
##	Crime	Documentary	Drama
##	Min. :0.0000	Min. :0.00000	Min. :0.0000
##	1st Qu.:0.0000	1st Qu.:0.00000	1st Qu.:0.0000
##	Median :0.0000	Median :0.00000	Median :0.0000
##	Mean :0.1014	Mean :0.07624	Mean :0.3963
##	3rd Qu.:0.0000	3rd Qu.:0.00000	3rd Qu.:1.0000
##	Max. :1.0000	Max. :1.00000	Max. :1.0000
##			
##	Fantasy	Film-Noir	Game-Show
##	Min. :0.00000	Min. :0.000000	Min. :0.00e+00
##	1st Qu.:0.00000	1st Qu.:0.000000	1st Qu.:0.00e+00
##	Median :0.00000	Median :0.000000	Median :0.00e+00
##	Mean :0.03502	Mean :0.008811	Mean :5.01e-05
##	3rd Qu.:0.00000	3rd Qu.:0.000000	3rd Qu.:0.00000
##	Max. :1.00000	Max. :1.000000	Max. :1.00e+00
##			
##	Horror	Music	Musical
##	Min. :0.00000	Min. :0.00000	Min. :0.00000
##	1st Qu.:0.00000	1st Qu.:0.00000	1st Qu.:0.00000
##	Median :0.00000	Median :0.00000	Median :0.00000
##	Mean :0.06781	Mean :0.02961	Mean :0.03469
##	3rd Qu.:0.00000	3rd Qu.:0.00000	3rd Qu.:0.00000
##	Max. :1.00000	Max. :1.00000	Max. :1.00000
##			
##	N/A	News	Reality-TV
##	Min. :0.00000	Min. :0.0000000	Min. :0.0000000
##	1st Qu.:0.00000	1st Qu.:0.0000000	1st Qu.:0.0000000
##	Median :0.00000	Median :0.0000000	Median :0.0000000
##	Mean :0.02468	Mean :0.0005006	Mean :0.0001502
##	3rd Qu.:0.00000	3rd Qu.:0.0000000	3rd Qu.:0.0000000
##	Max. :1.00000	Max. :1.0000000	Max. :1.0000000
##			
##	Romance	Sci-Fi	Short
##	Min. :0.0000	Min. :0.00000	Min. :0.0000
##	1st Qu.:0.0000	1st Qu.:0.00000	1st Qu.:0.0000
##	Median :0.0000	Median :0.00000	Median :0.0000
##			Sport
##	Min. :0.00000	Min. :0.00000	Min. :0.00000
##	1st Qu.:0.0000	1st Qu.:0.00000	1st Qu.:0.00000
##	Median :0.0000	Median :0.00000	Median :0.00000

```

## Mean :0.1243 Mean :0.04052 Mean :0.1631 Mean :0.01314
## 3rd Qu.:0.0000 3rd Qu.:0.00000 3rd Qu.:0.0000 3rd Qu.:0.00000
## Max. :1.0000 Max. :1.00000 Max. :1.0000 Max. :1.00000
##
## Talk-Show Thriller War Western
## Min. :0.0000000 Min. :0.00000 Min. :0.00000 Min. :0.00000
## 1st Qu.:0.0000000 1st Qu.:0.00000 1st Qu.:0.00000 1st Qu.:0.00000
## Median :0.0000000 Median :0.00000 Median :0.00000 Median :0.00000
## Mean :0.0001001 Mean :0.08438 Mean :0.02676 Mean :0.03289
## 3rd Qu.:0.0000000 3rd Qu.:0.00000 3rd Qu.:0.00000 3rd Qu.:0.00000
## Max. :1.0000000 Max. :1.00000 Max. :1.00000 Max. :1.00000
##
## released_month wins nominations Afghanistan
## Min. : 1.000 Min. : 0.0000 Min. : 0.000 Min. :0.00e+00
## 1st Qu.: 4.000 1st Qu.: 0.0000 1st Qu.: 0.000 1st Qu.:0.00e+00
## Median : 7.000 Median : 0.0000 Median : 0.000 Median :0.00e+00
## Mean : 6.624 Mean : 0.7332 Mean : 1.494 Mean :5.01e-05
## 3rd Qu.:10.000 3rd Qu.: 1.0000 3rd Qu.: 1.000 3rd Qu.:0.00e+00
## Max. :12.000 Max. :54.0000 Max. :233.000 Max. :1.00e+00
## NA's :4949
##
## Albania Algeria Angola
## Min. :0.00e+00 Min. :0.0000000 Min. :0.00e+00
## 1st Qu.:0.00e+00 1st Qu.:0.0000000 1st Qu.:0.00e+00
## Median :0.00e+00 Median :0.0000000 Median :0.00e+00
## Mean :7.51e-05 Mean :0.0003004 Mean :5.01e-05
## 3rd Qu.:0.00e+00 3rd Qu.:0.0000000 3rd Qu.:0.00e+00
## Max. :1.00e+00 Max. :1.0000000 Max. :1.00e+00
##
## Antarctica Argentina Armenia
## Min. :0.00e+00 Min. :0.0000000 Min. :0.0000000
## 1st Qu.:0.00e+00 1st Qu.:0.0000000 1st Qu.:0.0000000
## Median :0.00e+00 Median :0.0000000 Median :0.0000000
## Mean :5.01e-05 Mean :0.005682 Mean :0.0001752
## 3rd Qu.:0.00e+00 3rd Qu.:0.0000000 3rd Qu.:0.0000000
## Max. :1.00e+00 Max. :1.0000000 Max. :1.0000000
##
## Aruba Australia Austria
## Min. :0.00e+00 Min. :0.00000 Min. :0.000000
## 1st Qu.:0.00e+00 1st Qu.:0.00000 1st Qu.:0.000000
## Median :0.00e+00 Median :0.00000 Median :0.000000
## Mean :5.01e-05 Mean :0.01685 Mean :0.004806
## 3rd Qu.:0.00e+00 3rd Qu.:0.00000 3rd Qu.:0.000000
## Max. :1.00e+00 Max. :1.00000 Max. :1.000000
##
## Azerbaijan Bahamas Bangladesh
## Min. :0.00e+00 Min. :0.0000000 Min. :0.00e+00
## 1st Qu.:0.00e+00 1st Qu.:0.0000000 1st Qu.:0.00e+00
## Median :0.00e+00 Median :0.0000000 Median :0.00e+00
## Mean :5.01e-05 Mean :0.0001001 Mean :7.51e-05
## 3rd Qu.:0.00e+00 3rd Qu.:0.0000000 3rd Qu.:0.00e+00
## Max. :1.00e+00 Max. :1.0000000 Max. :1.00e+00
##
## Belarus Belgium Benin
## Min. :0.0000000 Min. :0.000000 Min. :0.0e+00

```



##	1st Qu.:0.0000000	1st Qu.:0.000000	1st Qu.:0.0e+00	
##	Median :0.0000000	Median :0.000000	Median :0.0e+00	
##	Mean :0.0001252	Mean :0.006758	Mean :2.5e-05	
##	3rd Qu.:0.0000000	3rd Qu.:0.000000	3rd Qu.:0.0e+00	
##	Max. :1.0000000	Max. :1.000000	Max. :1.0e+00	
##				
##	Bermuda	Bolivia	Bosnia and Herzegovina	
##	Min. :0.0e+00	Min. :0.0e+00	Min. :0.0000000	
##	1st Qu.:0.0e+00	1st Qu.:0.0e+00	1st Qu.:0.0000000	
##	Median :0.0e+00	Median :0.0e+00	Median :0.0000000	
##	Mean :2.5e-05	Mean :2.5e-05	Mean :0.0002503	
##	3rd Qu.:0.0e+00	3rd Qu.:0.0e+00	3rd Qu.:0.0000000	
##	Max. :1.0e+00	Max. :1.0e+00	Max. :1.0000000	
##				
##	Brazil	Bulgaria	Burkina Faso	
##	Min. :0.000000	Min. :0.000000	Min. :0.0000000	
##	1st Qu.:0.000000	1st Qu.:0.000000	1st Qu.:0.0000000	
##	Median :0.000000	Median :0.000000	Median :0.0000000	
##	Mean :0.006132	Mean :0.003004	Mean :0.0002753	
##	3rd Qu.:0.000000	3rd Qu.:0.000000	3rd Qu.:0.0000000	
##	Max. :1.000000	Max. :1.000000	Max. :1.0000000	
##				
##	Cambodia	Cameroon	Canada	Chad
##	Min. :0.0e+00	Min. :0.00e+00	Min. :0.00000	Min. :0.00e+00
##	1st Qu.:0.0e+00	1st Qu.:0.00e+00	1st Qu.:0.00000	1st Qu.:0.00e+00
##	Median :0.0e+00	Median :0.00e+00	Median :0.00000	Median :0.00e+00
##	Mean :2.5e-05	Mean :7.51e-05	Mean :0.04936	Mean :7.51e-05
##	3rd Qu.:0.0e+00	3rd Qu.:0.00e+00	3rd Qu.:0.00000	3rd Qu.:0.00e+00
##	Max. :1.0e+00	Max. :1.00e+00	Max. :1.00000	Max. :1.00e+00
##				
##	Chile	China	Colombia	
##	Min. :0.000000	Min. :0.000000	Min. :0.0000000	
##	1st Qu.:0.000000	1st Qu.:0.000000	1st Qu.:0.0000000	
##	Median :0.000000	Median :0.000000	Median :0.0000000	
##	Mean :0.001201	Mean :0.003529	Mean :0.0004005	
##	3rd Qu.:0.000000	3rd Qu.:0.000000	3rd Qu.:0.0000000	
##	Max. :1.000000	Max. :1.000000	Max. :1.0000000	
##				
##	Costa Rica	Côte d'Ivoire	Croatia	
##	Min. :0.00e+00	Min. :0.0e+00	Min. :0.0000000	
##	1st Qu.:0.00e+00	1st Qu.:0.0e+00	1st Qu.:0.0000000	
##	Median :0.00e+00	Median :0.0e+00	Median :0.0000000	
##	Mean :7.51e-05	Mean :2.5e-05	Mean :0.0006508	
##	3rd Qu.:0.00e+00	3rd Qu.:0.0e+00	3rd Qu.:0.0000000	
##	Max. :1.00e+00	Max. :1.0e+00	Max. :1.0000000	
##				
##	Cuba	Cyprus	Czech Republic	
##	Min. :0.000000	Min. :0.0000000	Min. :0.000000	
##	1st Qu.:0.000000	1st Qu.:0.0000000	1st Qu.:0.000000	
##	Median :0.000000	Median :0.0000000	Median :0.000000	
##	Mean :0.001076	Mean :0.0001252	Mean :0.002228	
##	3rd Qu.:0.000000	3rd Qu.:0.0000000	3rd Qu.:0.000000	
##	Max. :1.000000	Max. :1.0000000	Max. :1.000000	
##				

## Czechoslovakia	Denmark	Dominican Republic	
## Min. :0.000000	Min. :0.000000	Min. :0.000000	
## 1st Qu.:0.000000	1st Qu.:0.000000	1st Qu.:0.000000	
## Median :0.000000	Median :0.000000	Median :0.000000	
## Mean :0.002278	Mean :0.009536	Mean :0.0001752	
## 3rd Qu.:0.000000	3rd Qu.:0.000000	3rd Qu.:0.000000	
## Max. :1.000000	Max. :1.000000	Max. :1.000000	
##			
## East Germany	Ecuador	Egypt	
## Min. :0.0000000	Min. :0.00e+00	Min. :0.0000000	
## 1st Qu.:0.0000000	1st Qu.:0.00e+00	1st Qu.:0.0000000	
## Median :0.0000000	Median :0.00e+00	Median :0.0000000	
## Mean :0.0009762	Mean :5.01e-05	Mean :0.0007259	
## 3rd Qu.:0.0000000	3rd Qu.:0.00e+00	3rd Qu.:0.0000000	
## Max. :1.0000000	Max. :1.00e+00	Max. :1.0000000	
##			
## Estonia	Ethiopia	Federal Republic of Yugoslavia	
## Min. :0.0000000	Min. :0.0e+00	Min. :0.0000000	
## 1st Qu.:0.0000000	1st Qu.:0.0e+00	1st Qu.:0.0000000	
## Median :0.0000000	Median :0.0e+00	Median :0.0000000	
## Mean :0.0003755	Mean :2.5e-05	Mean :0.0005256	
## 3rd Qu.:0.0000000	3rd Qu.:0.0e+00	3rd Qu.:0.0000000	
## Max. :1.0000000	Max. :1.0e+00	Max. :1.0000000	
##			
## Fiji	Finland	France	Gabon
## Min. :0.0e+00	Min. :0.000000	Min. :0.00000	Min. :0.0e+00
## 1st Qu.:0.0e+00	1st Qu.:0.000000	1st Qu.:0.00000	1st Qu.:0.0e+00
## Median :0.0e+00	Median :0.000000	Median :0.00000	Median :0.0e+00
## Mean :2.5e-05	Mean :0.005657	Mean :0.05724	Mean :2.5e-05
## 3rd Qu.:0.0e+00	3rd Qu.:0.000000	3rd Qu.:0.00000	3rd Qu.:0.0e+00
## Max. :1.0e+00	Max. :1.000000	Max. :1.00000	Max. :1.0e+00
##			
## Georgia	Germany	Ghana	
## Min. :0.0000000	Min. :0.00000	Min. :0.0000000	
## 1st Qu.:0.0000000	1st Qu.:0.00000	1st Qu.:0.0000000	
## Median :0.0000000	Median :0.00000	Median :0.0000000	
## Mean :0.0002253	Mean :0.03654	Mean :0.0001252	
## 3rd Qu.:0.0000000	3rd Qu.:0.00000	3rd Qu.:0.0000000	
## Max. :1.0000000	Max. :1.00000	Max. :1.0000000	
##			
## Gibraltar	Greece	Guatemala	Guinea
## Min. :0.0e+00	Min. :0.000000	Min. :0.00e+00	Min. :0.0e+00
## 1st Qu.:0.0e+00	1st Qu.:0.000000	1st Qu.:0.00e+00	1st Qu.:0.0e+00
## Median :0.0e+00	Median :0.000000	Median :0.00e+00	Median :0.0e+00
## Mean :2.5e-05	Mean :0.003279	Mean :5.01e-05	Mean :2.5e-05
## 3rd Qu.:0.0e+00	3rd Qu.:0.000000	3rd Qu.:0.00e+00	3rd Qu.:0.0e+00
## Max. :1.0e+00	Max. :1.000000	Max. :1.00e+00	Max. :1.0e+00
##			
## Guinea-Bissau	Guyana	Haiti	
## Min. :0.00e+00	Min. :0.0e+00	Min. :0.0000000	
## 1st Qu.:0.00e+00	1st Qu.:0.0e+00	1st Qu.:0.0000000	
## Median :0.00e+00	Median :0.0e+00	Median :0.0000000	
## Mean :7.51e-05	Mean :2.5e-05	Mean :0.0001001	
## 3rd Qu.:0.00e+00	3rd Qu.:0.0e+00	3rd Qu.:0.0000000	

##	Max. :1.00e+00	Max. :1.0e+00	Max. :1.0000000
##			
##	Honduras	Hong Kong	Hungary
##	Min. :0.0e+00	Min. :0.000000	Min. :0.000000
##	1st Qu.:0.0e+00	1st Qu.:0.000000	1st Qu.:0.000000
##	Median :0.0e+00	Median :0.000000	Median :0.000000
##	Mean :2.5e-05	Mean :0.009912	Mean :0.002929
##	3rd Qu.:0.0e+00	3rd Qu.:0.000000	3rd Qu.:0.000000
##	Max. :1.0e+00	Max. :1.000000	Max. :1.000000
##			
##	Iceland	India	Indonesia
##	Min. :0.000000	Min. :0.00000	Min. :0.000000
##	1st Qu.:0.000000	1st Qu.:0.00000	1st Qu.:0.000000
##	Median :0.000000	Median :0.00000	Median :0.000000
##	Mean :0.000801	Mean :0.01815	Mean :0.001026
##	3rd Qu.:0.000000	3rd Qu.:0.00000	3rd Qu.:0.000000
##	Max. :1.000000	Max. :1.00000	Max. :1.000000
##			
##	Iran	Iraq	Ireland
##	Min. :0.000000	Min. :0.00e+00	Min. :0.000000
##	1st Qu.:0.000000	1st Qu.:0.00e+00	1st Qu.:0.000000
##	Median :0.000000	Median :0.00e+00	Median :0.000000
##	Mean :0.001902	Mean :7.51e-05	Mean :0.004906
##	3rd Qu.:0.000000	3rd Qu.:0.00e+00	3rd Qu.:0.000000
##	Max. :1.000000	Max. :1.00e+00	Max. :1.000000
##			
##	Isle Of Man	Israel	Italy
##	Min. :0.00e+00	Min. :0.000000	Min. :0.00000
##	1st Qu.:0.00e+00	1st Qu.:0.000000	1st Qu.:0.00000
##	Median :0.00e+00	Median :0.000000	Median :0.00000
##	Mean :7.51e-05	Mean :0.004355	Mean :0.03094
##	3rd Qu.:0.00e+00	3rd Qu.:0.000000	3rd Qu.:0.00000
##	Max. :1.00e+00	Max. :1.000000	Max. :1.00000
##			
##	Jamaica	Japan	Jordan
##	Min. :0.0000000	Min. :0.0000	Min. :0.00e+00
##	1st Qu.:0.0000000	1st Qu.:0.0000	1st Qu.:0.00e+00
##	Median :0.0000000	Median :0.0000	Median :0.00e+00
##	Mean :0.0002002	Mean :0.0195	Mean :7.51e-05
##	3rd Qu.:0.0000000	3rd Qu.:0.0000	3rd Qu.:0.00e+00
##	Max. :1.0000000	Max. :1.0000	Max. :1.00e+00
##			
##	Kazakhstan	Kenya	Korea
##	Min. :0.0000000	Min. :0.0000000	Min. :0.0e+00
##	1st Qu.:0.0000000	1st Qu.:0.0000000	1st Qu.:0.0e+00
##	Median :0.0000000	Median :0.0000000	Median :0.0e+00
##	Mean :0.0002503	Mean :0.0001001	Mean :2.5e-05
##	3rd Qu.:0.0000000	3rd Qu.:0.0000000	3rd Qu.:0.0e+00
##	Max. :1.0000000	Max. :1.0000000	Max. :1.0e+00
##			
##	Kyrgyzstan	Latvia	Lebanon
##	Min. :0.00e+00	Min. :0.0000000	Min. :0.0000000
##	1st Qu.:0.00e+00	1st Qu.:0.0000000	1st Qu.:0.0000000
##	Median :0.00e+00	Median :0.0000000	Median :0.0000000

##	Mean	:5.01e-05	Mean	:0.0001502	Mean	:0.0002002
##	3rd Qu.	:0.00e+00	3rd Qu.	:0.0000000	3rd Qu.	:0.0000000
##	Max.	:1.00e+00	Max.	:1.0000000	Max.	:1.0000000
##						
##	Libya		Liechtenstein		Lithuania	
##	Min.	:0.0e+00	Min.	:0.0000000	Min.	:0.0000000
##	1st Qu.	:0.0e+00	1st Qu.	:0.0000000	1st Qu.	:0.0000000
##	Median	:0.0e+00	Median	:0.0000000	Median	:0.0000000
##	Mean	:2.5e-05	Mean	:0.0002002	Mean	:0.0001502
##	3rd Qu.	:0.0e+00	3rd Qu.	:0.0000000	3rd Qu.	:0.0000000
##	Max.	:1.0e+00	Max.	:1.0000000	Max.	:1.0000000
##						
##	Luxembourg		Malaysia		Mali	
##	Min.	:0.000000	Min.	:0.0000000	Min.	:0.0000000
##	1st Qu.	:0.000000	1st Qu.	:0.0000000	1st Qu.	:0.0000000
##	Median	:0.000000	Median	:0.0000000	Median	:0.0000000
##	Mean	:0.001402	Mean	:0.0004756	Mean	:0.0001752
##	3rd Qu.	:0.000000	3rd Qu.	:0.0000000	3rd Qu.	:0.0000000
##	Max.	:1.000000	Max.	:1.0000000	Max.	:1.0000000
##						
##	Malta		Mauritania		Mexico	
##	Min.	:0.00e+00	Min.	:0.00e+00	Min.	:0.000000
##	1st Qu.	:0.00e+00	1st Qu.	:0.00e+00	1st Qu.	:0.000000
##	Median	:0.00e+00	Median	:0.00e+00	Median	:0.000000
##	Mean	:7.51e-05	Mean	:5.01e-05	Mean	:0.007359
##	3rd Qu.	:0.00e+00	3rd Qu.	:0.00e+00	3rd Qu.	:0.000000
##	Max.	:1.00e+00	Max.	:1.00e+00	Max.	:1.000000
##						
##	Micronesia		Moldova		Monaco	Mongolia
##	Min.	:0.0e+00	Min.	:0.0e+00	Min.	:0.00e+00
##	1st Qu.	:0.0e+00	1st Qu.	:0.0e+00	1st Qu.	:0.00e+00
##	Median	:0.0e+00	Median	:0.0e+00	Median	:0.00e+00
##	Mean	:2.5e-05	Mean	:2.5e-05	Mean	:5.01e-05
##	3rd Qu.	:0.0e+00	3rd Qu.	:0.0e+00	3rd Qu.	:0.00e+00
##	Max.	:1.0e+00	Max.	:1.0e+00	Max.	:1.00e+00
##						
##	Montenegro		Morocco		N/A	
##	Min.	:0.0e+00	Min.	:0.0000000	Min.	:0.00000
##	1st Qu.	:0.0e+00	1st Qu.	:0.0000000	1st Qu.	:0.00000
##	Median	:0.0e+00	Median	:0.0000000	Median	:0.00000
##	Mean	:2.5e-05	Mean	:0.0004756	Mean	:0.01407
##	3rd Qu.	:0.0e+00	3rd Qu.	:0.0000000	3rd Qu.	:0.00000
##	Max.	:1.0e+00	Max.	:1.0000000	Max.	:1.00000
##						
##	Namibia		Nepal		Netherlands	
##	Min.	:0.00e+00	Min.	:0.0e+00	Min.	:0.000000
##	1st Qu.	:0.00e+00	1st Qu.	:0.0e+00	1st Qu.	:0.000000
##	Median	:0.00e+00	Median	:0.0e+00	Median	:0.000000
##	Mean	:5.01e-05	Mean	:2.5e-05	Mean	:0.009687
##	3rd Qu.	:0.00e+00	3rd Qu.	:0.0e+00	3rd Qu.	:0.000000
##	Max.	:1.00e+00	Max.	:1.0e+00	Max.	:1.000000
##						
##	Netherlands Antilles		New Zealand		Nicaragua	
##	Min.	:0.0e+00	Min.	:0.000000	Min.	:0.0e+00

##	1st Qu.:0.0e+00	1st Qu.:0.000000	1st Qu.:0.0e+00
##	Median :0.0e+00	Median :0.000000	Median :0.0e+00
##	Mean :2.5e-05	Mean :0.003104	Mean :2.5e-05
##	3rd Qu.:0.0e+00	3rd Qu.:0.000000	3rd Qu.:0.0e+00
##	Max. :1.0e+00	Max. :1.000000	Max. :1.0e+00
##			
##	Niger	Nigeria	North Korea
##	Min. :0.0e+00	Min. :0.0000000	Min. :0.0e+00
##	1st Qu.:0.0e+00	1st Qu.:0.0000000	1st Qu.:0.0e+00
##	Median :0.0e+00	Median :0.0000000	Median :0.0e+00
##	Mean :2.5e-05	Mean :0.0001001	Mean :2.5e-05
##	3rd Qu.:0.0e+00	3rd Qu.:0.0000000	3rd Qu.:0.0e+00
##	Max. :1.0e+00	Max. :1.0000000	Max. :1.0e+00
##			
##	Norway	Pakistan	Palestine
##	Min. :0.000000	Min. :0.0000000	Min. :0.0000000
##	1st Qu.:0.000000	1st Qu.:0.0000000	1st Qu.:0.0000000
##	Median :0.000000	Median :0.0000000	Median :0.0000000
##	Mean :0.005081	Mean :0.0001252	Mean :0.0002503
##	3rd Qu.:0.000000	3rd Qu.:0.0000000	3rd Qu.:0.0000000
##	Max. :1.000000	Max. :1.0000000	Max. :1.0000000
##			
##	Panama	Papua New Guinea	Paraguay
##	Min. :0.0000000	Min. :0.00e+00	Min. :0.0e+00
##	1st Qu.:0.0000000	1st Qu.:0.00e+00	1st Qu.:0.0e+00
##	Median :0.0000000	Median :0.00e+00	Median :0.0e+00
##	Mean :0.0001752	Mean :5.01e-05	Mean :2.5e-05
##	3rd Qu.:0.0000000	3rd Qu.:0.00e+00	3rd Qu.:0.0e+00
##	Max. :1.0000000	Max. :1.00e+00	Max. :1.0e+00
##			
##	Peru	Philippines	Poland
##	Min. :0.0000000	Min. :0.00000	Min. :0.000000
##	1st Qu.:0.0000000	1st Qu.:0.00000	1st Qu.:0.000000
##	Median :0.0000000	Median :0.00000	Median :0.000000
##	Mean :0.0006007	Mean :0.00423	Mean :0.009036
##	3rd Qu.:0.0000000	3rd Qu.:0.00000	3rd Qu.:0.000000
##	Max. :1.0000000	Max. :1.00000	Max. :1.000000
##			
##	Portugal	Puerto Rico	Qatar
##	Min. :0.000000	Min. :0.0000000	Min. :0.00e+00
##	1st Qu.:0.000000	1st Qu.:0.0000000	1st Qu.:0.00e+00
##	Median :0.000000	Median :0.0000000	Median :0.00e+00
##	Mean :0.001927	Mean :0.0002002	Mean :5.01e-05
##	3rd Qu.:0.000000	3rd Qu.:0.0000000	3rd Qu.:0.00e+00
##	Max. :1.000000	Max. :1.0000000	Max. :1.00e+00
##			
##	Republic of Macedonia	Romania	Russia
##	Min. :0.0000000	Min. :0.000000	Min. :0.000000
##	1st Qu.:0.0000000	1st Qu.:0.000000	1st Qu.:0.000000
##	Median :0.0000000	Median :0.000000	Median :0.000000
##	Mean :0.0001001	Mean :0.002478	Mean :0.004956
##	3rd Qu.:0.0000000	3rd Qu.:0.000000	3rd Qu.:0.000000
##	Max. :1.0000000	Max. :1.000000	Max. :1.000000
##			

## Saudi Arabia	Senegal	Serbia	
## Min. :0.00e+00	Min. :0.0000000	Min. :0.0000000	
## 1st Qu.:0.00e+00	1st Qu.:0.0000000	1st Qu.:0.0000000	
## Median :0.00e+00	Median :0.0000000	Median :0.0000000	
## Mean :5.01e-05	Mean :0.0003504	Mean :0.0001001	
## 3rd Qu.:0.00e+00	3rd Qu.:0.0000000	3rd Qu.:0.0000000	
## Max. :1.00e+00	Max. :1.0000000	Max. :1.0000000	
##			
## Serbia and Montenegro	Singapore	Slovakia	
## Min. :0.0e+00	Min. :0.0000000	Min. :0.0000000	
## 1st Qu.:0.0e+00	1st Qu.:0.0000000	1st Qu.:0.0000000	
## Median :0.0e+00	Median :0.0000000	Median :0.0000000	
## Mean :2.5e-05	Mean :0.0005256	Mean :0.0004005	
## 3rd Qu.:0.0e+00	3rd Qu.:0.0000000	3rd Qu.:0.0000000	
## Max. :1.0e+00	Max. :1.0000000	Max. :1.0000000	
##			
## Slovenia	Solomon Islands	South Africa	
## Min. :0.0000000	Min. :0.0e+00	Min. :0.0000000	
## 1st Qu.:0.0000000	1st Qu.:0.0e+00	1st Qu.:0.0000000	
## Median :0.0000000	Median :0.0e+00	Median :0.0000000	
## Mean :0.0005757	Mean :2.5e-05	Mean :0.003229	
## 3rd Qu.:0.0000000	3rd Qu.:0.0e+00	3rd Qu.:0.0000000	
## Max. :1.0000000	Max. :1.0e+00	Max. :1.0000000	
##			
## South Korea	Soviet Union	Spain	Sweden
## Min. :0.000000	Min. :0.00000	Min. :0.00000	Min. :0.000000
## 1st Qu.:0.000000	1st Qu.:0.00000	1st Qu.:0.00000	1st Qu.:0.000000
## Median :0.000000	Median :0.00000	Median :0.00000	Median :0.000000
## Mean :0.004606	Mean :0.01079	Mean :0.01785	Mean :0.009962
## 3rd Qu.:0.000000	3rd Qu.:0.00000	3rd Qu.:0.00000	3rd Qu.:0.000000
## Max. :1.000000	Max. :1.00000	Max. :1.00000	Max. :1.000000
##			
## Switzerland	Syria	Taiwan	
## Min. :0.000000	Min. :0.0e+00	Min. :0.000000	
## 1st Qu.:0.000000	1st Qu.:0.0e+00	1st Qu.:0.000000	
## Median :0.000000	Median :0.0e+00	Median :0.000000	
## Mean :0.006082	Mean :2.5e-05	Mean :0.002128	
## 3rd Qu.:0.000000	3rd Qu.:0.0e+00	3rd Qu.:0.000000	
## Max. :1.000000	Max. :1.0e+00	Max. :1.000000	
##			
## Tajikistan	Tanzania	Thailand	
## Min. :0.00e+00	Min. :0.00e+00	Min. :0.000000	
## 1st Qu.:0.00e+00	1st Qu.:0.00e+00	1st Qu.:0.000000	
## Median :0.00e+00	Median :0.00e+00	Median :0.000000	
## Mean :7.51e-05	Mean :5.01e-05	Mean :0.001126	
## 3rd Qu.:0.00e+00	3rd Qu.:0.00e+00	3rd Qu.:0.000000	
## Max. :1.00e+00	Max. :1.00e+00	Max. :1.000000	
##			
## The Democratic Republic Of Congo	Trinidad and Tobago	Tunisia	
## Min. :0.0e+00	Min. :0.00e+00	Min. :0.0000000	
## 1st Qu.:0.0e+00	1st Qu.:0.00e+00	1st Qu.:0.0000000	
## Median :0.0e+00	Median :0.00e+00	Median :0.0000000	
## Mean :2.5e-05	Mean :5.01e-05	Mean :0.0003504	
## 3rd Qu.:0.0e+00	3rd Qu.:0.00e+00	3rd Qu.:0.0000000	

```

## Max.      :1.0e+00          Max.      :1.00e+00    Max.      :1.0000000
##
##      Turkey      Turkmenistan      Turks And Caicos Islands
## Min.      :0.000000    Min.      :0.0e+00    Min.      :0.0e+00
## 1st Qu.:0.000000    1st Qu.:0.0e+00    1st Qu.:0.0e+00
## Median :0.000000    Median :0.0e+00    Median :0.0e+00
## Mean      :0.002228    Mean      :2.5e-05    Mean      :2.5e-05
## 3rd Qu.:0.000000    3rd Qu.:0.0e+00    3rd Qu.:0.0e+00
## Max.      :1.000000    Max.      :1.0e+00    Max.      :1.0e+00
##
##      UK      Ukraine      United Arab Emirates
## Min.      :0.00000    Min.      :0.0000000    Min.      :0.0000000
## 1st Qu.:0.00000    1st Qu.:0.0000000    1st Qu.:0.0000000
## Median :0.00000    Median :0.0000000    Median :0.0000000
## Mean      :0.09078    Mean      :0.0004255    Mean      :0.0005507
## 3rd Qu.:0.00000    3rd Qu.:0.0000000    3rd Qu.:0.0000000
## Max.      :1.00000    Max.      :1.0000000    Max.      :1.0000000
##
##      Uruguay      USA      Uzbekistan
## Min.      :0.0000000    Min.      :0.0000    Min.      :0.0000000
## 1st Qu.:0.0000000    1st Qu.:0.0000    1st Qu.:0.0000000
## Median :0.0000000    Median :1.0000    Median :0.0000000
## Mean      :0.0002253    Mean      :0.6264    Mean      :0.0001001
## 3rd Qu.:0.0000000    3rd Qu.:1.0000    3rd Qu.:0.0000000
## Max.      :1.0000000    Max.      :1.0000    Max.      :1.0000000
##
##      Vanuatu      Venezuela      Vietnam
## Min.      :0.0e+00    Min.      :0.0000000    Min.      :0.0000000
## 1st Qu.:0.0e+00    1st Qu.:0.0000000    1st Qu.:0.0000000
## Median :0.0e+00    Median :0.0000000    Median :0.0000000
## Mean      :2.5e-05    Mean      :0.0002753    Mean      :0.0001252
## 3rd Qu.:0.0e+00    3rd Qu.:0.0000000    3rd Qu.:0.0000000
## Max.      :1.0e+00    Max.      :1.0000000    Max.      :1.0000000
##
##      West Germany      Yugoslavia      Zaire
## Min.      :0.00000    Min.      :0.000000    Min.      :0.00e+00
## 1st Qu.:0.00000    1st Qu.:0.000000    1st Qu.:0.00e+00
## Median :0.00000    Median :0.000000    Median :0.00e+00
## Mean      :0.01209    Mean      :0.004881    Mean      :5.01e-05
## 3rd Qu.:0.00000    3rd Qu.:0.000000    3rd Qu.:0.00e+00
## Max.      :1.00000    Max.      :1.000000    Max.      :1.00e+00
##
##      Zimbabwe
## Min.      :0.0000000
## 1st Qu.:0.0000000
## Median :0.0000000
## Mean      :0.0001001
## 3rd Qu.:0.0000000
## Max.      :1.0000000
##

```

```

# cols = c('Genre', 'Action', 'Adult', 'Adventure', 'Animation', 'Biography', 'Comedy', 'Crime', 'Docum
# Remove column from dataframe

```

```
df$Country = NULL
```

```
# cols = setdiff(cols, 'Genre')
```

```
colCount = colSums(df[, 80:ncol(df)])
```

```
topTenIds = order(colCount,decreasing=TRUE)[1:70] + 1
```

```
topTenCols = names(df[, 80:ncol(df)][topTenIds])
```

```
# The top 30 most common countries are
```

```
print(topTenCols)
```

```
## [1] "Uzbekistan" "Ukraine"
## [3] "Gabon" "Chad"
## [5] "Ghana" "Jamaica"
## [7] "Jordan" "Indonesia"
## [9] "Sweden" "Namibia"
## [11] "Yugoslavia" "Spain"
## [13] "Switzerland" "Hungary"
## [15] "Netherlands Antilles" "Dominican Republic"
## [17] "Portugal" "Micronesia"
## [19] "Benin" "Bulgaria"
## [21] "Syria" "France"
## [23] "Pakistan" "Saudi Arabia"
## [25] "Isle Of Man" "Zaire"
## [27] "Soviet Union" "Italy"
## [29] "Poland" "Colombia"
## [31] "Guatemala" "South Korea"
## [33] "Nicaragua" "Burkina Faso"
## [35] "Iceland" "Russia"
## [37] "Denmark" "Czechoslovakia"
## [39] "Turkmenistan" "Tajikistan"
## [41] "Puerto Rico" "Iraq"
## [43] "Malaysia" "China"
## [45] "The Democratic Republic Of Congo" "Cyprus"
## [47] "Iran" "Ecuador"
## [49] "India" "Estonia"
## [51] "Cuba" "Philippines"
## [53] "Solomon Islands" "Uruguay"
## [55] "Fiji" "Slovakia"
## [57] "Mali" "N/A"
## [59] "United Arab Emirates" "Costa Rica"
## [61] "Slovenia" "Ethiopia"
## [63] "Serbia" "Turkey"
## [65] "Cambodia" "Vietnam"
## [67] "Brazil" "Kenya"
## [69] "Panama" "Germany"
```

```
cols = c('Title', 'Runtime', 'Gross', 'Domestic_Gross')
```

```
cols = c(cols, topTenCols)
```

```
df9 = df[cols]
```

```
df9.long = melt(df9, id.vars=c('Title', 'Runtime', 'Gross', 'Domestic_Gross'), variable.name='country')
```

```
df9.long = df9.long[apply(df9.long['value'],1,function(z) !any(z==0)),]
```

```
print(summary(df9.long))
```



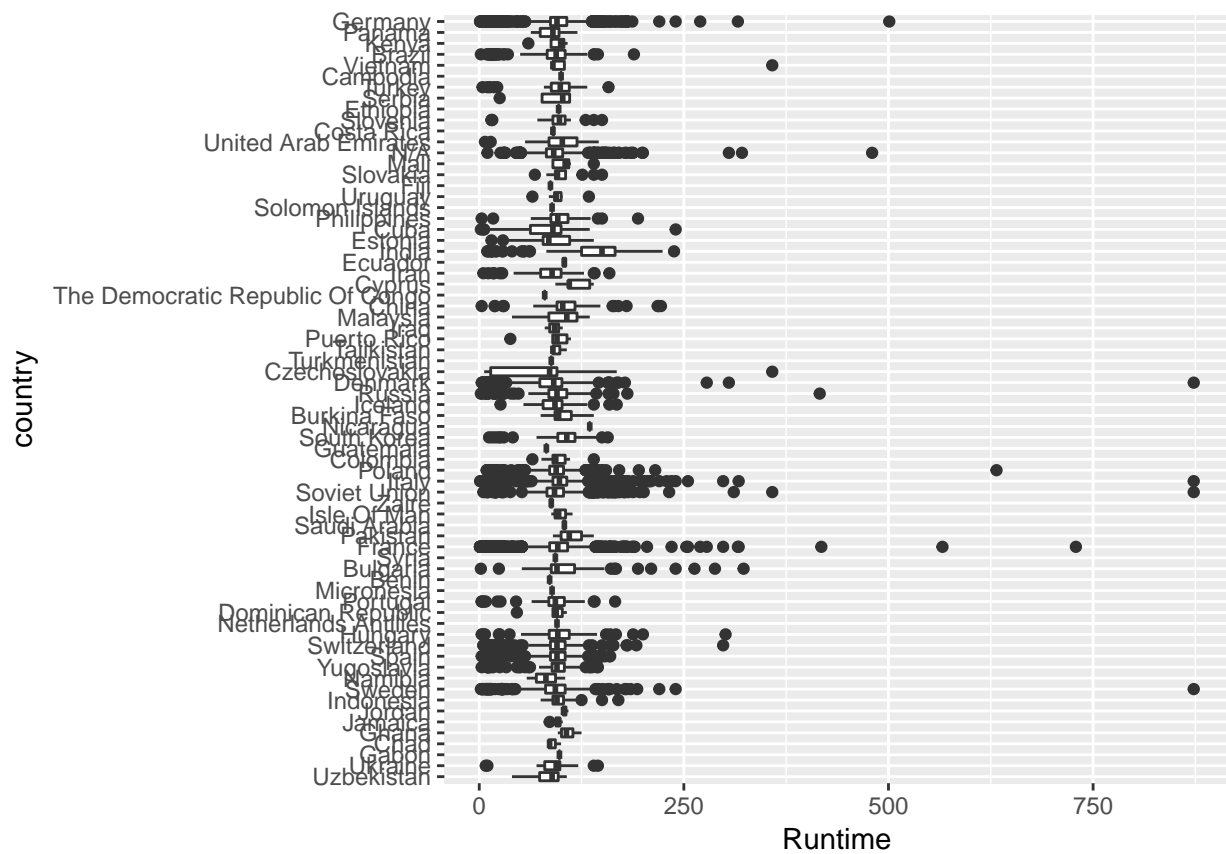
```
##      Title      Runtime      Gross
## Length:11296   Min.    : 1.00   Min.    :0.000e+00
## Class :character 1st Qu.: 87.00   1st Qu.:5.760e+06
## Mode  :character Median : 96.00   Median :2.610e+07
##                      Mean  : 96.96   Mean  :7.038e+07
##                      3rd Qu.:109.00   3rd Qu.:9.151e+07
##                      Max.   :873.00   Max.   :1.215e+09
##                      NA's    :420     NA's    :10216
## Domestic_Gross   country      value
## Min.    :      0   France :2287   Min.    :1
## 1st Qu.: 859244   Germany:1460   1st Qu.:1
## Median : 10015778 Italy   :1236   Median :1
## Mean   : 28474360 N/A    : 986   Mean   :1
## 3rd Qu.: 38420602 India   : 725   3rd Qu.:1
## Max.   :408992272 Spain   : 713   Max.   :1
## NA's    :10216    (Other):3889
```

```
print(head(df9.long))
```

```
##      Title Runtime Gross Domestic_Gross   country value
## 3188  Aprel May    93    NA              NA Uzbekistan    1
## 3356  Cinedictum   40    NA              NA Uzbekistan    1
## 8067  Luna Papa   107    NA              NA Uzbekistan    1
## 8834   Bo Ba Bu    85    NA              NA Uzbekistan    1
## 41923   Divan     90    NA              NA   Ukraine    1
## 42383   Mamay     80    NA              NA   Ukraine    1
```

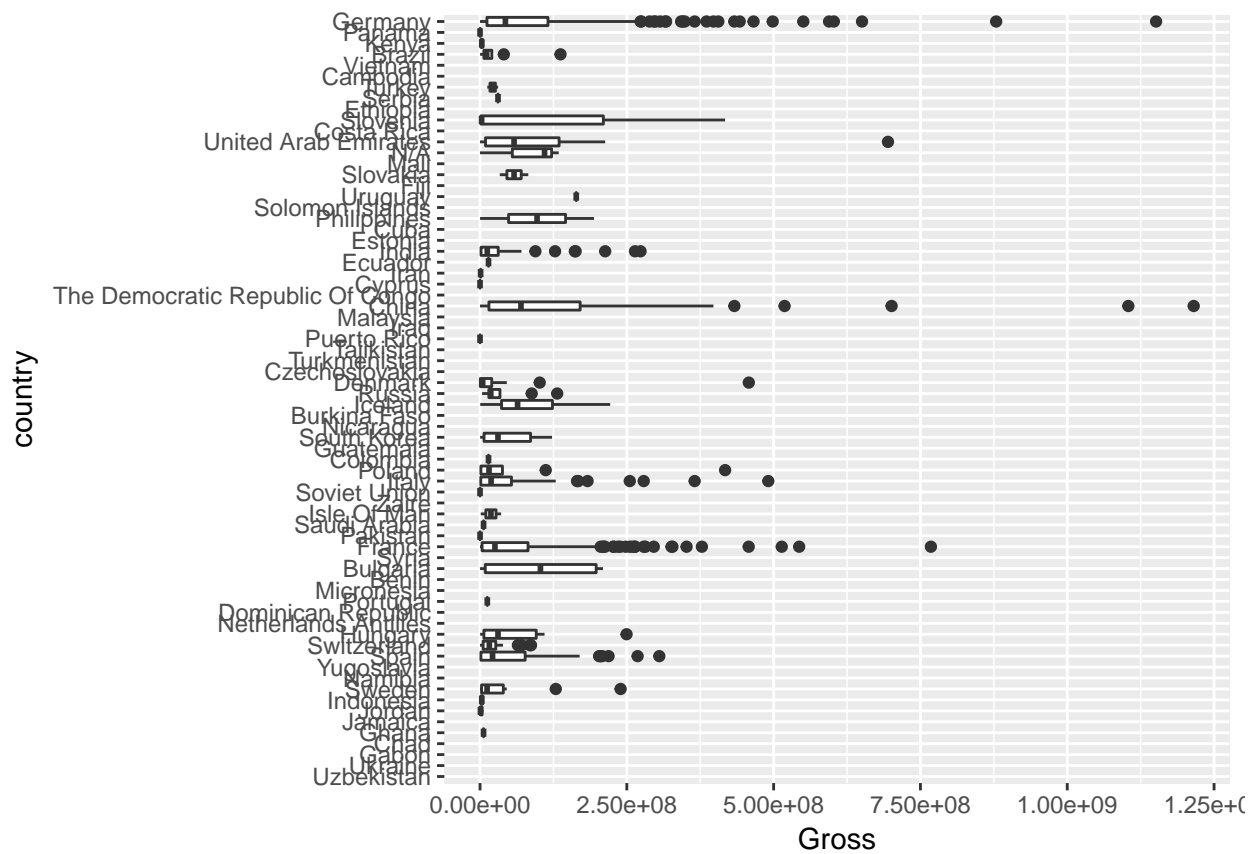
```
ggplot(df9.long, aes(as.factor(country), Runtime)) +
  geom_boxplot() +
  coord_flip() +
  scale_x_discrete("country")
```

```
## Warning: Removed 420 rows containing non-finite values (stat_boxplot).
```



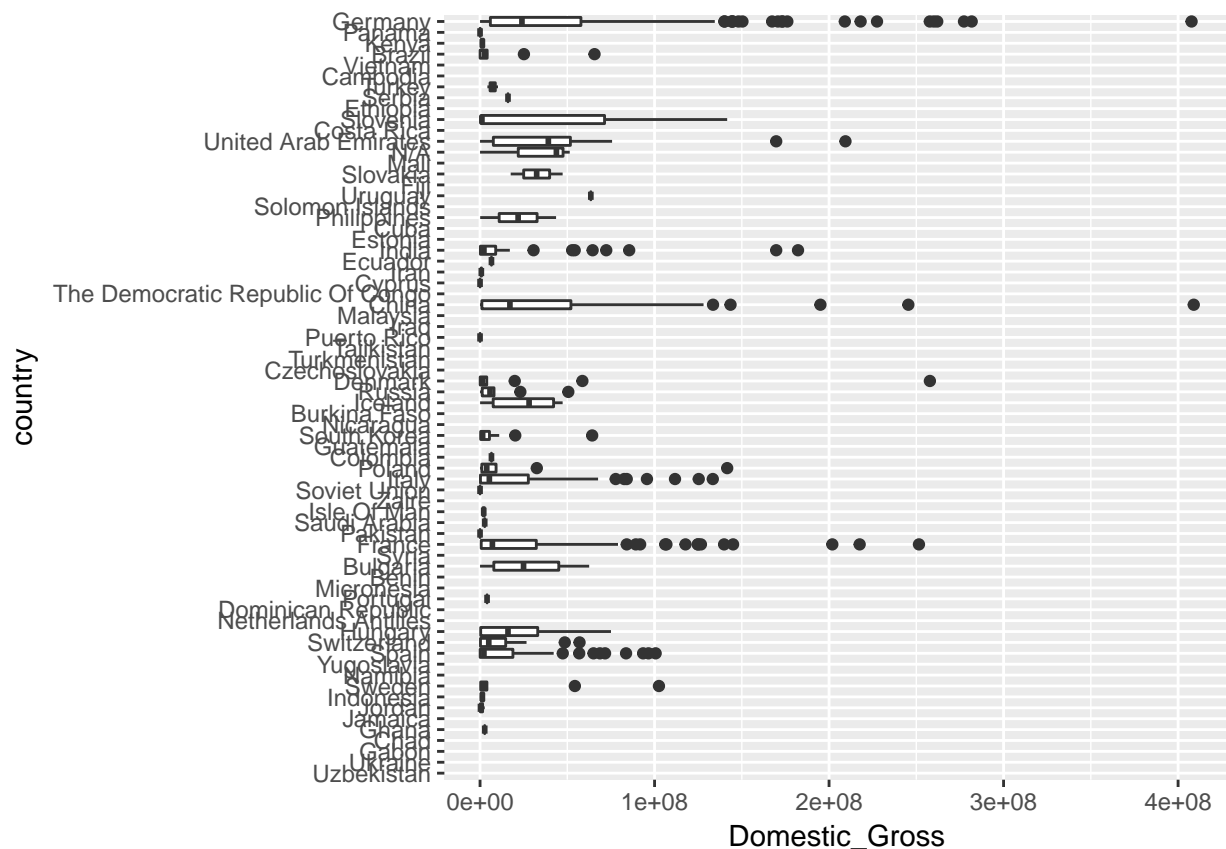
```
ggplot(df9.long, aes(as.factor(country), Gross)) +
  geom_boxplot() +
  coord_flip() +
  scale_x_discrete("country")
```

```
## Warning: Removed 10216 rows containing non-finite values (stat_boxplot).
```



```
ggplot(df9.long, aes(as.factor(country), Domestic_Gross)) +
  geom_boxplot() +
  coord_flip() +
  scale_x_discrete("country")
```

```
## Warning: Removed 10216 rows containing non-finite values (stat_boxplot).
```



**Q:** Expected insight #1.

**A:** First we plot runtime by country. While there is different distribution and sample size by country, notice that the median runtime by country is actually really similar. I would expect this because I am not aware of differences in runtime trends by country.

**Q:** Expected insight #2.

**A:**

Plotting the Gross Revenue by country, one expected insight is that lower income countries tend to have on average lower distribution of Gross Revenue. In particular, the big box office hits (positive outliers) come from major countries. Notice this is true, the big box office hits seem to come from countries like Germany, China, and France.

## 10. Unexpected insight

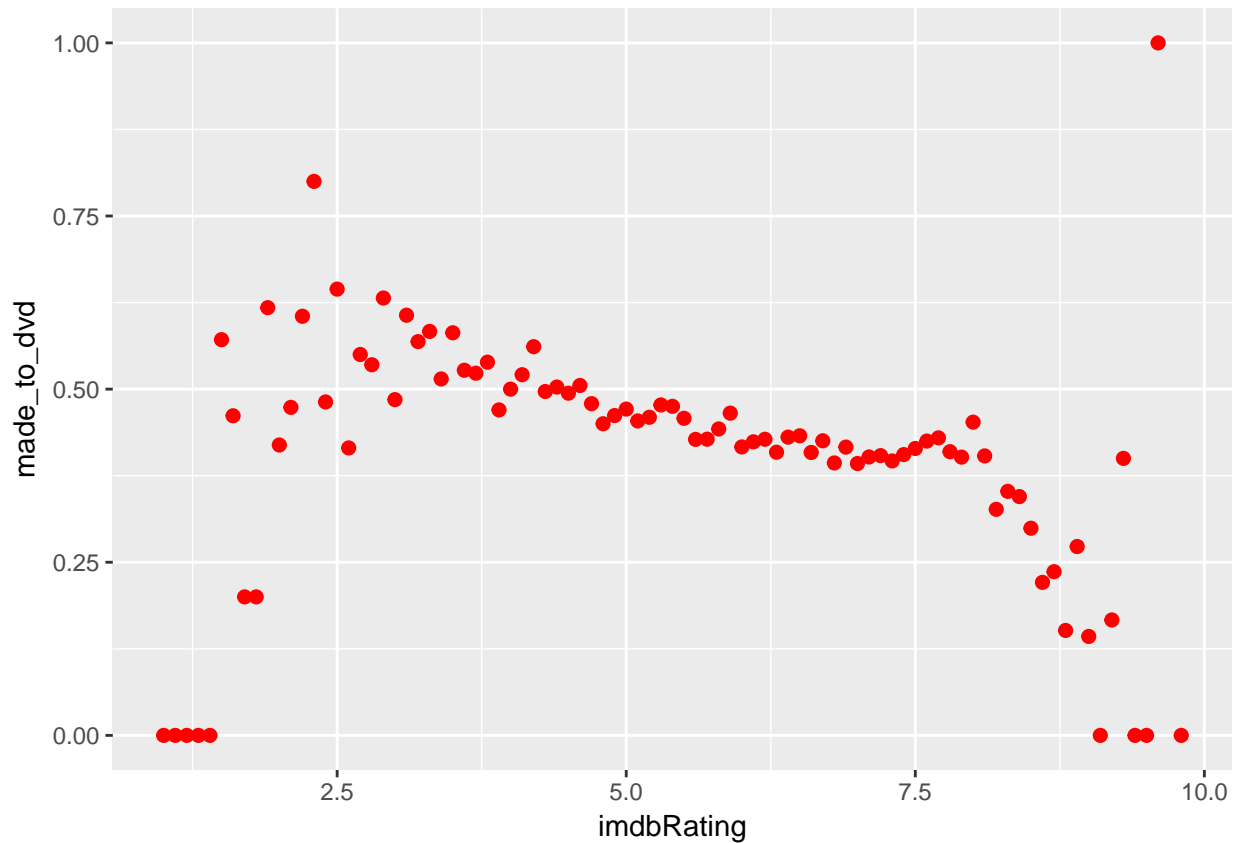
Come up with one new insight (backed up by data and graphs) that is unexpected at first glance and do your best to motivate it. Same instructions apply as the previous task.

*# TODO: Find and illustrate one unexpected insight*

```
df$made_to_dvd = as.numeric(!is.na(df$DVD))
```

```
ggplot(df, aes(imdbRating, made_to_dvd)) +
  stat_summary(fun.y = "mean", colour = "red", size = 2, geom = "point")
```

```
## Warning: Removed 1134 rows containing non-finite values (stat_summary).
```



**Q:** Unexpected insight.

**A:** One thing that was unexpected to me was I would have expected that there would be a positive correlation between ratings and whether the movie was made to a DVD (better movies would more likely be made into a DVD). The relationship I found was somewhat of an “inversed-U” shape. At very low ratings, the proportion of DVD’s made is very low. Surprisingly, highly rated ratings also have lower made to DVD ratings.