

DATA 607 Assignment 2

Alejandro Osborne

February 10, 2018

Loading the package needed and driver needed

```
library(RMySQL)

## Loading required package: DBI
loadsqli <- dbDriver("MySQL")
```

Make sure connection between database and R environment

```
newconnect = dbConnect(MySQL(), user='root', password='celeborn', dbname='movies', host='localhost')
```

Query used to look at gathered data

```
tabledisplay <- "SELECT * FROM movie"
movie <- dbGetQuery(newconnect, tabledisplay)
```

```
dbDisconnect(newconnect)
```

```
## [1] TRUE
```

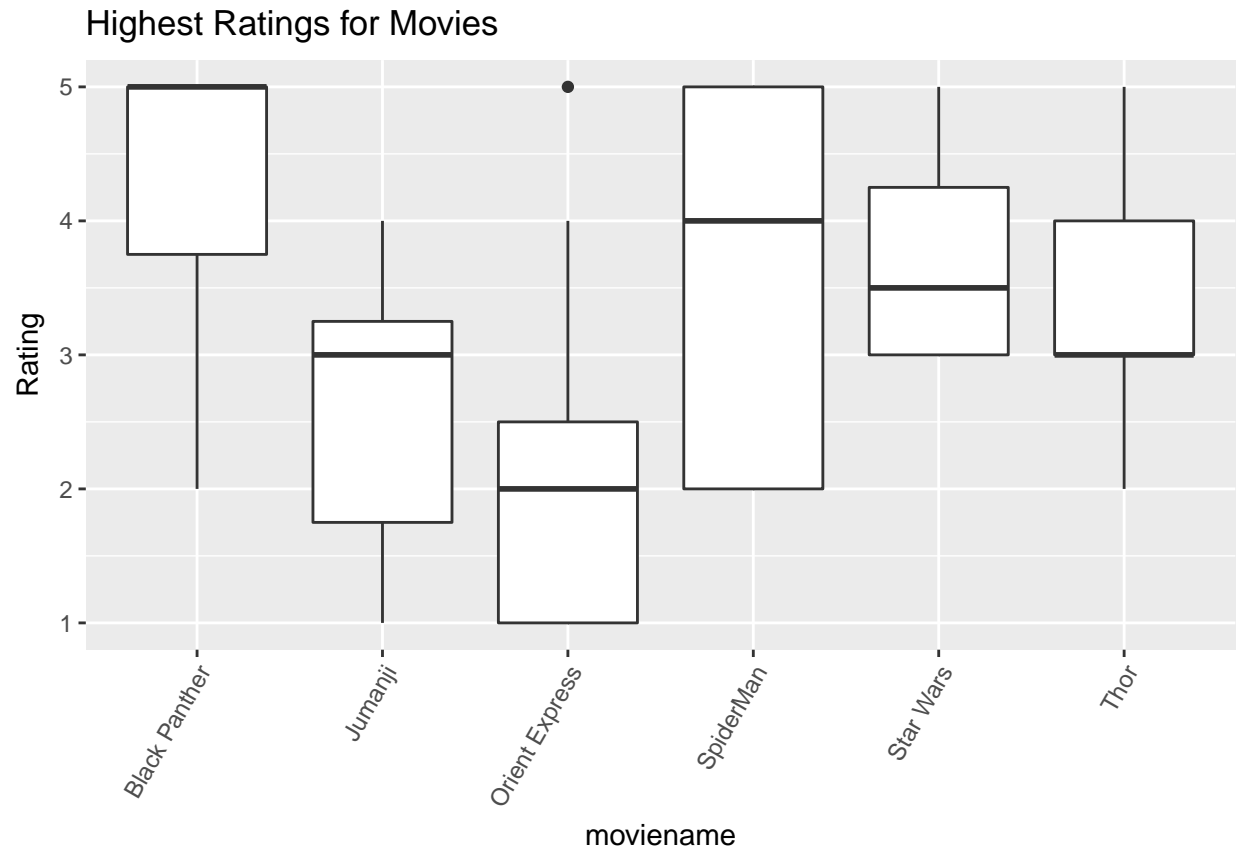
```
Ratings <- data.frame(movie)
Ratings
```

```
##      critic      moviename rating
## 1         1  Black Panther      5
## 2         1         Thor      3
## 3         1    Star Wars      3
## 4         1   SpiderMan      2
## 5         1 Orient Express      1
## 6         1     Jumanji      4
## 7         2  Black Panther      2
## 8         2         Thor      3
## 9         2    Star Wars      4
## 10        2   SpiderMan      2
## 11        2 Orient Express      5
## 12        2     Jumanji      4
## 13        3  Black Panther      5
## 14        3         Thor      5
## 15        3    Star Wars      5
## 16        3   SpiderMan      5
## 17        3 Orient Express      1
## 18        3     Jumanji      3
```

## 19	4	Black Panther	5
## 20	4	Thor	4
## 21	4	Star Wars	4
## 22	4	SpiderMan	5
## 23	4	Orient Express	2
## 24	4	Jumanji	3
## 25	5	Black Panther	4
## 26	5	Thor	4
## 27	5	Star Wars	3
## 28	5	SpiderMan	2
## 29	5	Orient Express	2
## 30	5	Jumanji	1
## 31	6	Black Panther	5
## 32	6	Thor	3
## 33	6	Star Wars	3
## 34	6	SpiderMan	4
## 35	6	Orient Express	2
## 36	6	Jumanji	2
## 37	7	Black Panther	5
## 38	7	Thor	2
## 39	7	Star Wars	3
## 40	7	SpiderMan	4
## 41	7	Orient Express	4
## 42	7	Jumanji	3
## 43	8	Black Panther	3
## 44	8	Thor	3
## 45	8	Star Wars	5
## 46	8	SpiderMan	5
## 47	8	Orient Express	1
## 48	8	Jumanji	1

Want to see which movie got the highest average rating (Small sample size used, this is better with more critics surveyed)

```
library(ggplot2)
ggplot(Ratings, aes(moviename, rating)) +
  geom_boxplot() +
  ylab("Rating") + theme(axis.text.x = element_text(angle = 60, hjust = 1)) + ggtitle("Highest Ratings f
```



Spiderman and Black Panther were the highest rated movies amongst the 8 critics asked.