

WHAT MAKES MOVIES PROFITABLE?

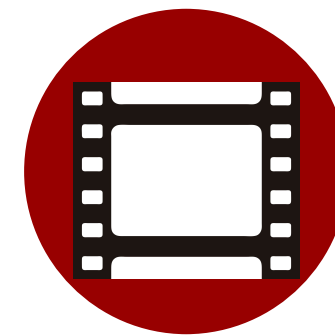




RATINGS

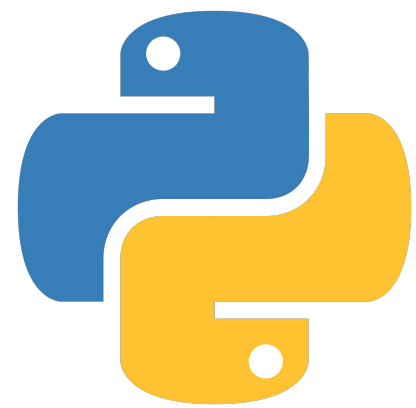


GENRES



CAST/CREW

PROGRAMS USED TO ANALYZE DATA



THE NUMBERS

1. Average Production Budget

\$ 34,033,480.05

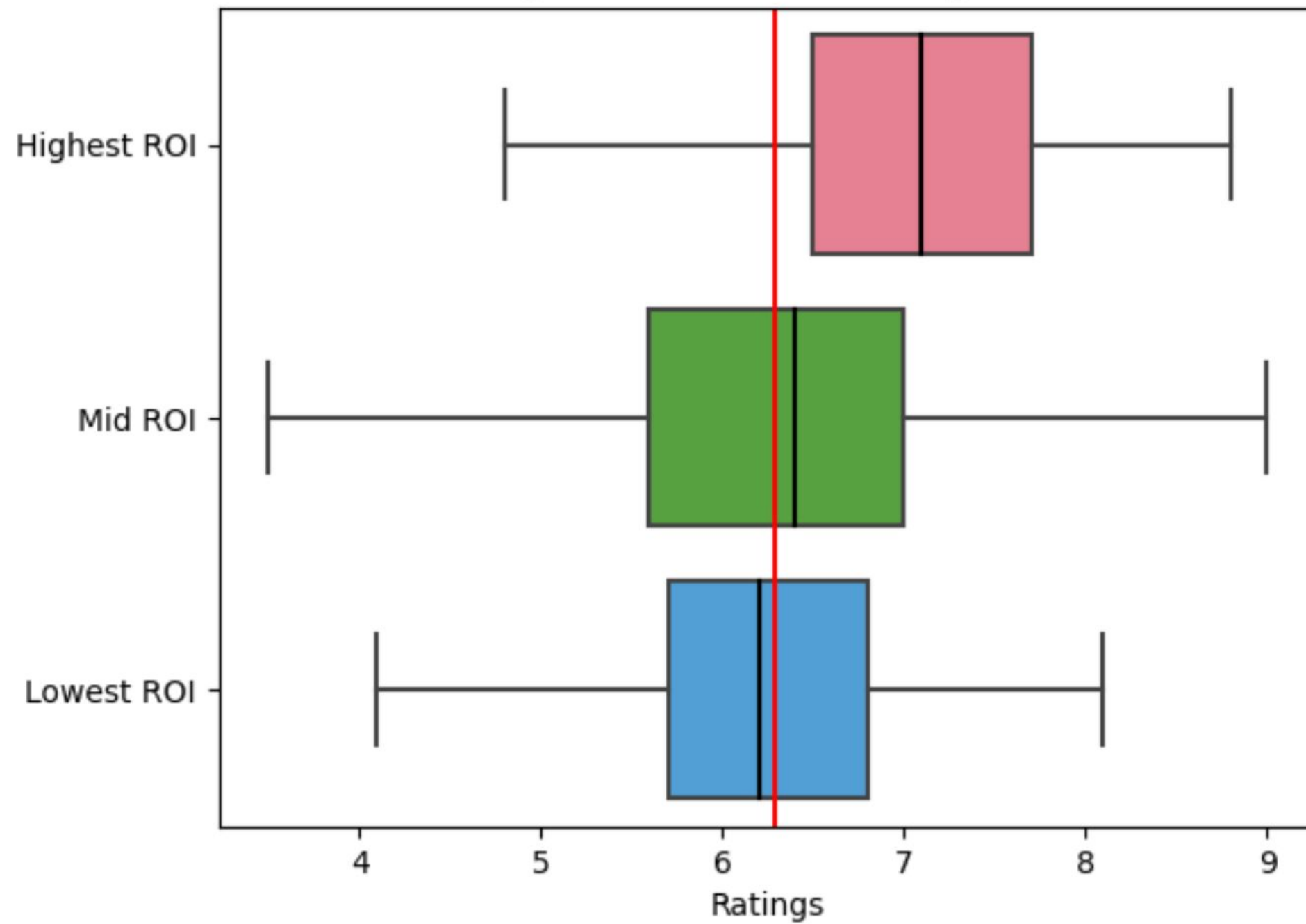
2. Average ROI

\$ 112,985,491.90

3. Average Rating

6.35

Rating Distribution According to ROIs

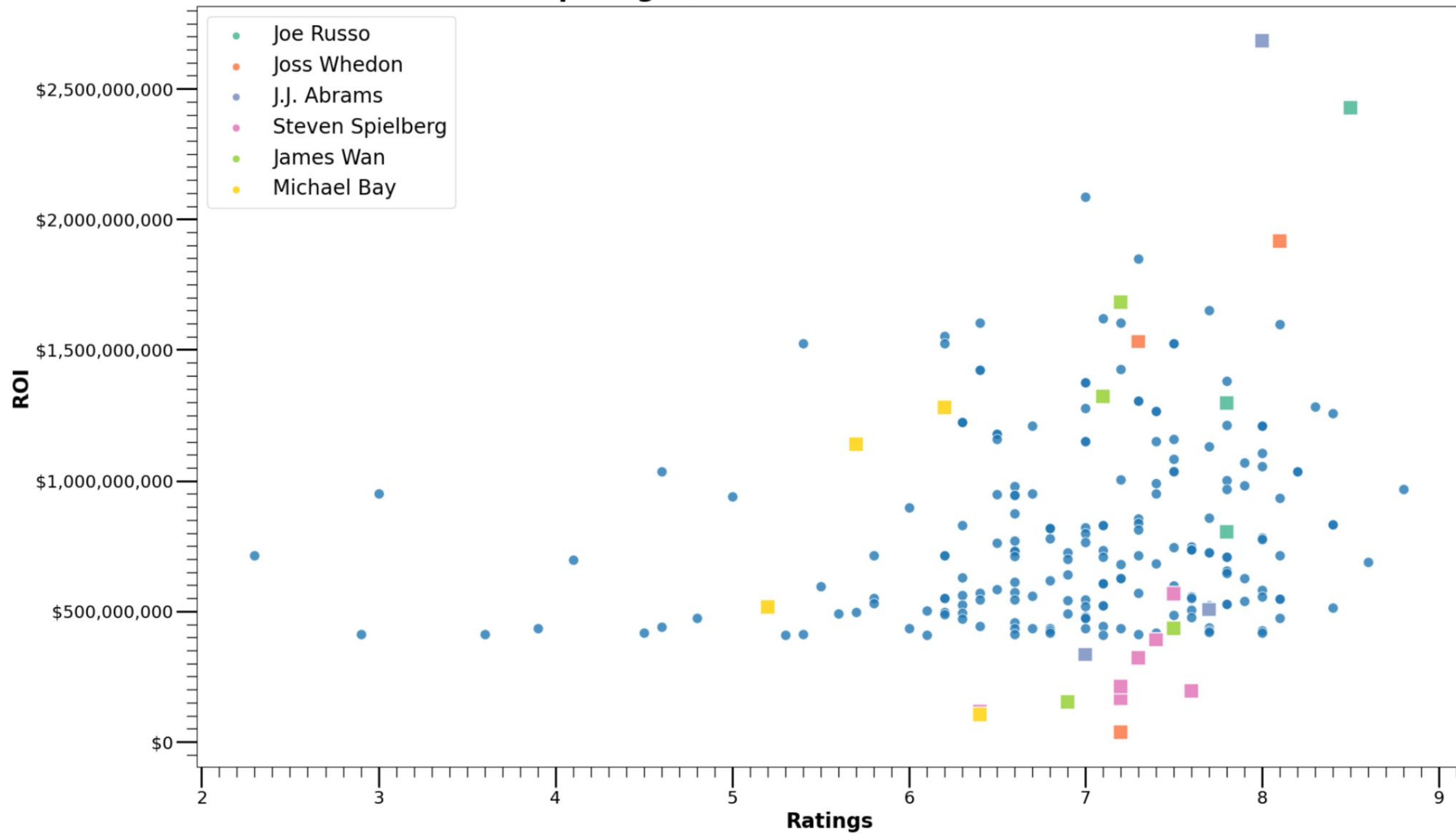


DO RATINGS
MATTER?

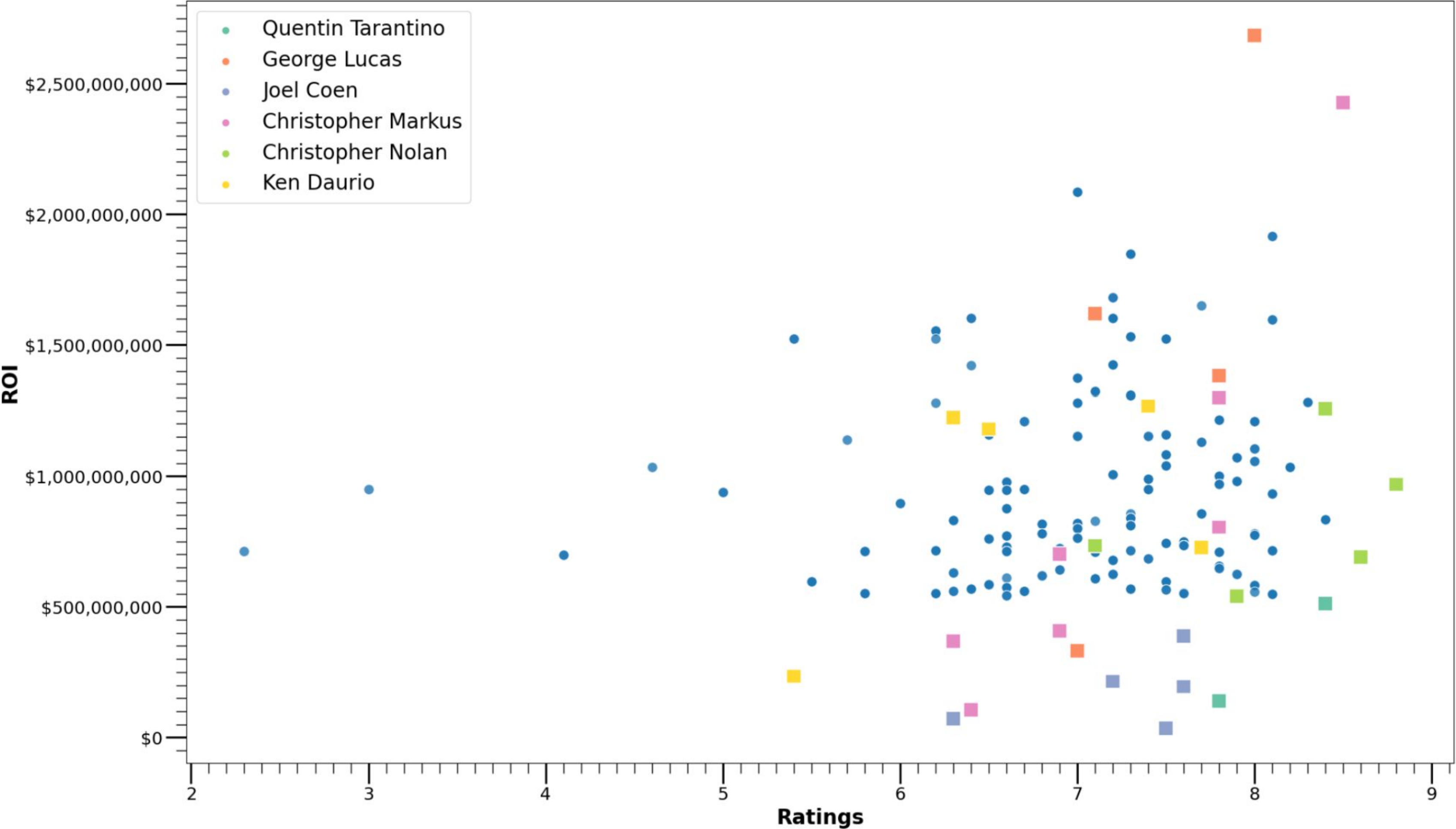


CAST & CREW

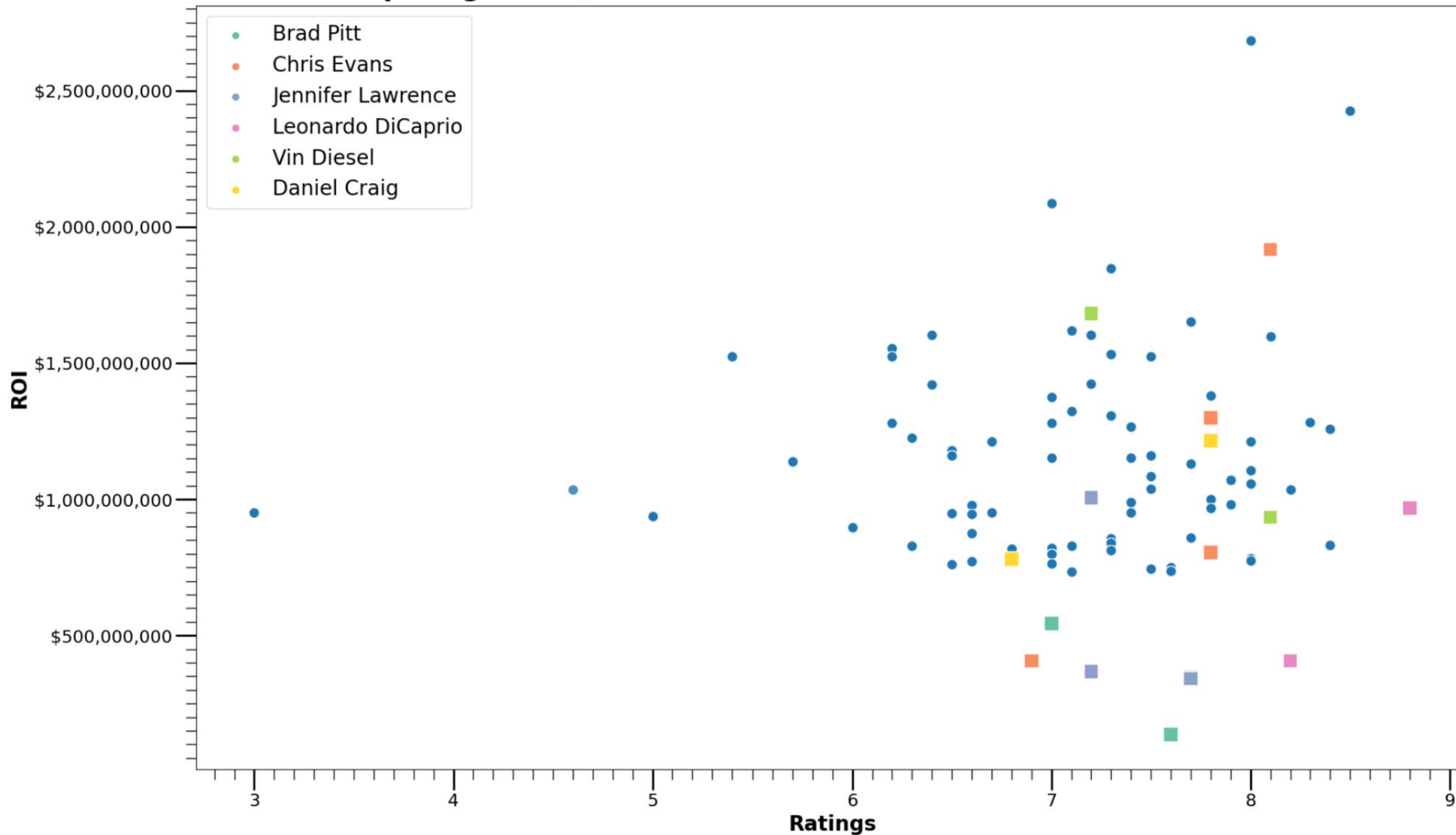
Comparing the ROIs of Directors

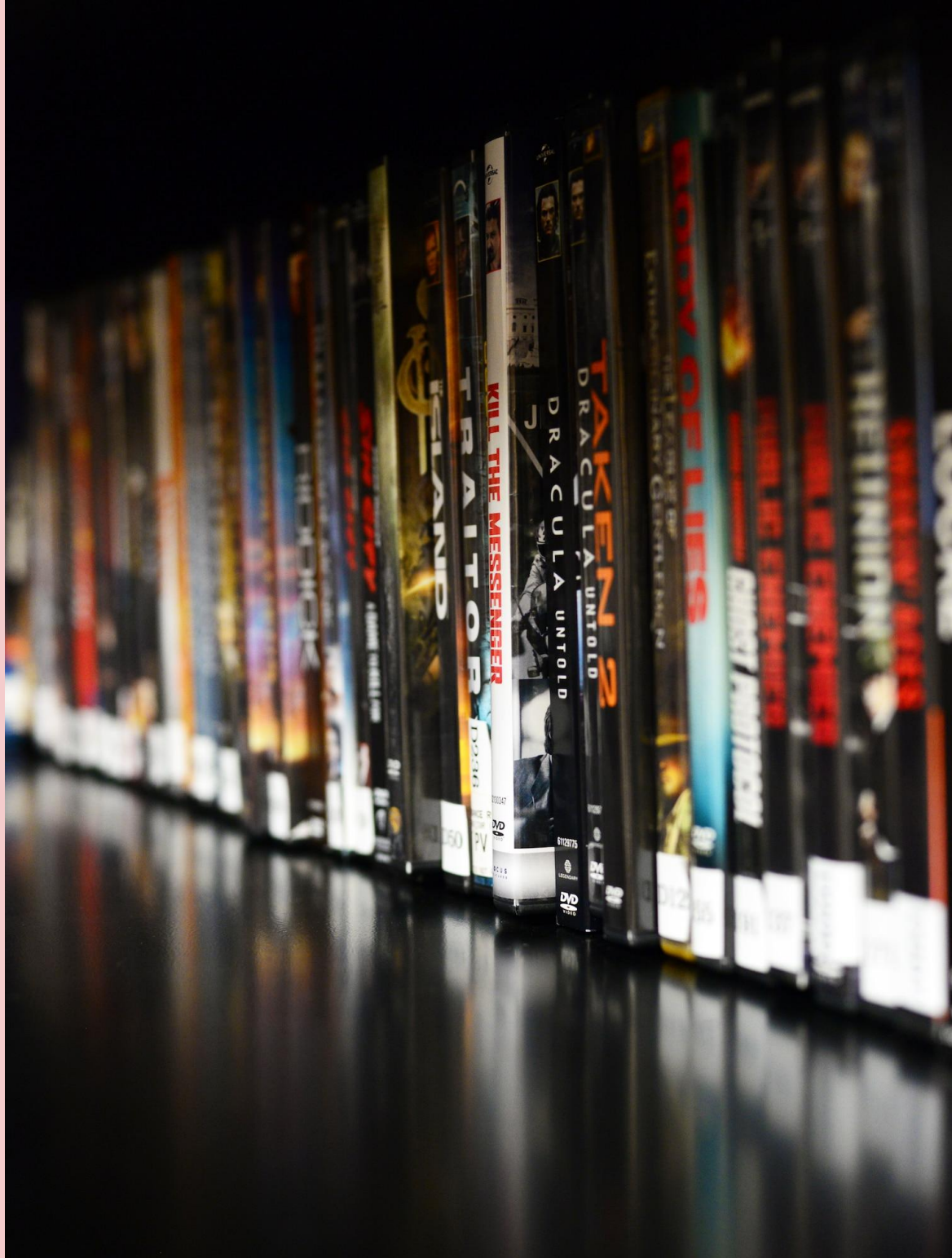


Comparing Writers who had the Greatest ROIs



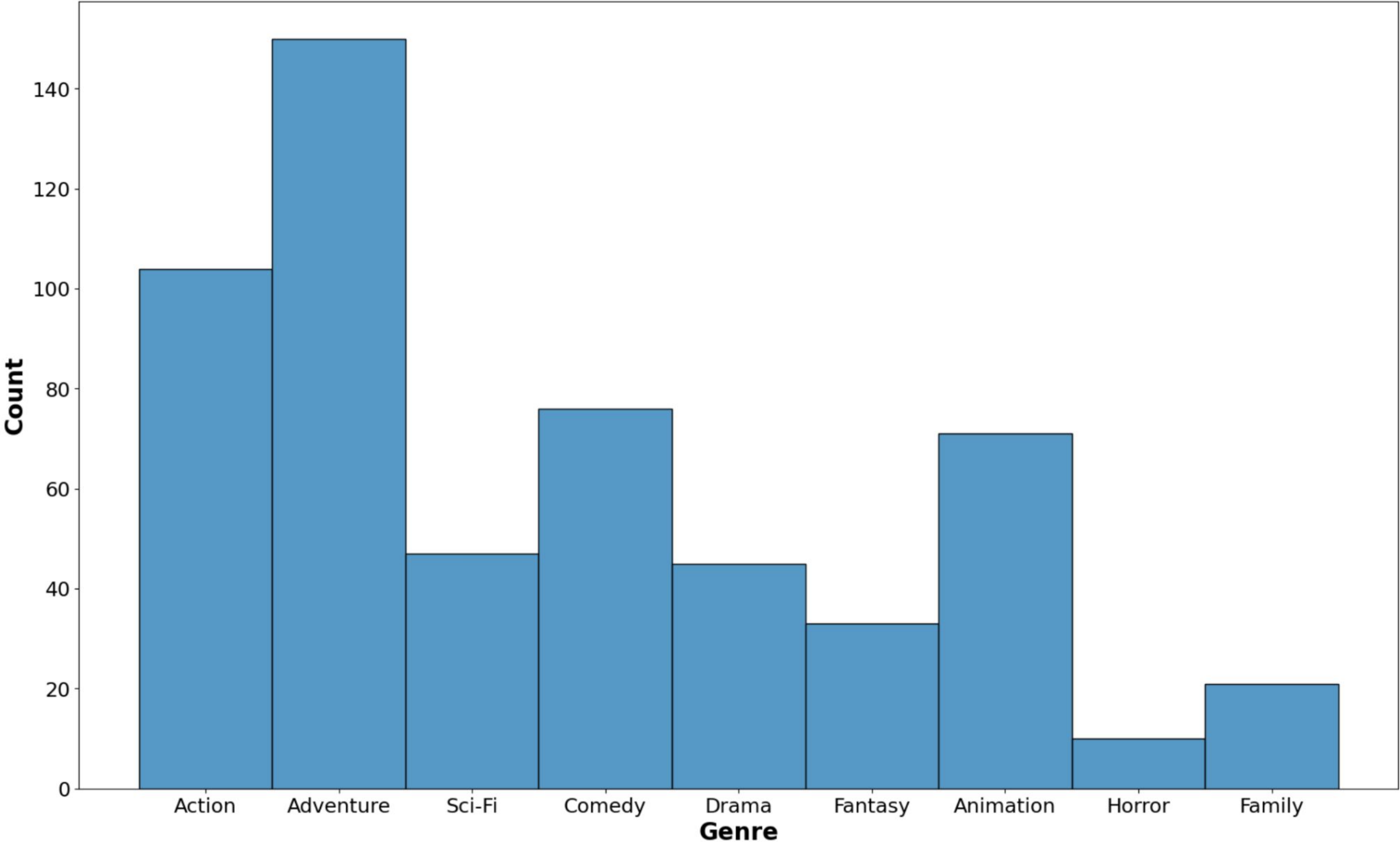
Comparing Actors/Actresses who had the Greatest ROIs



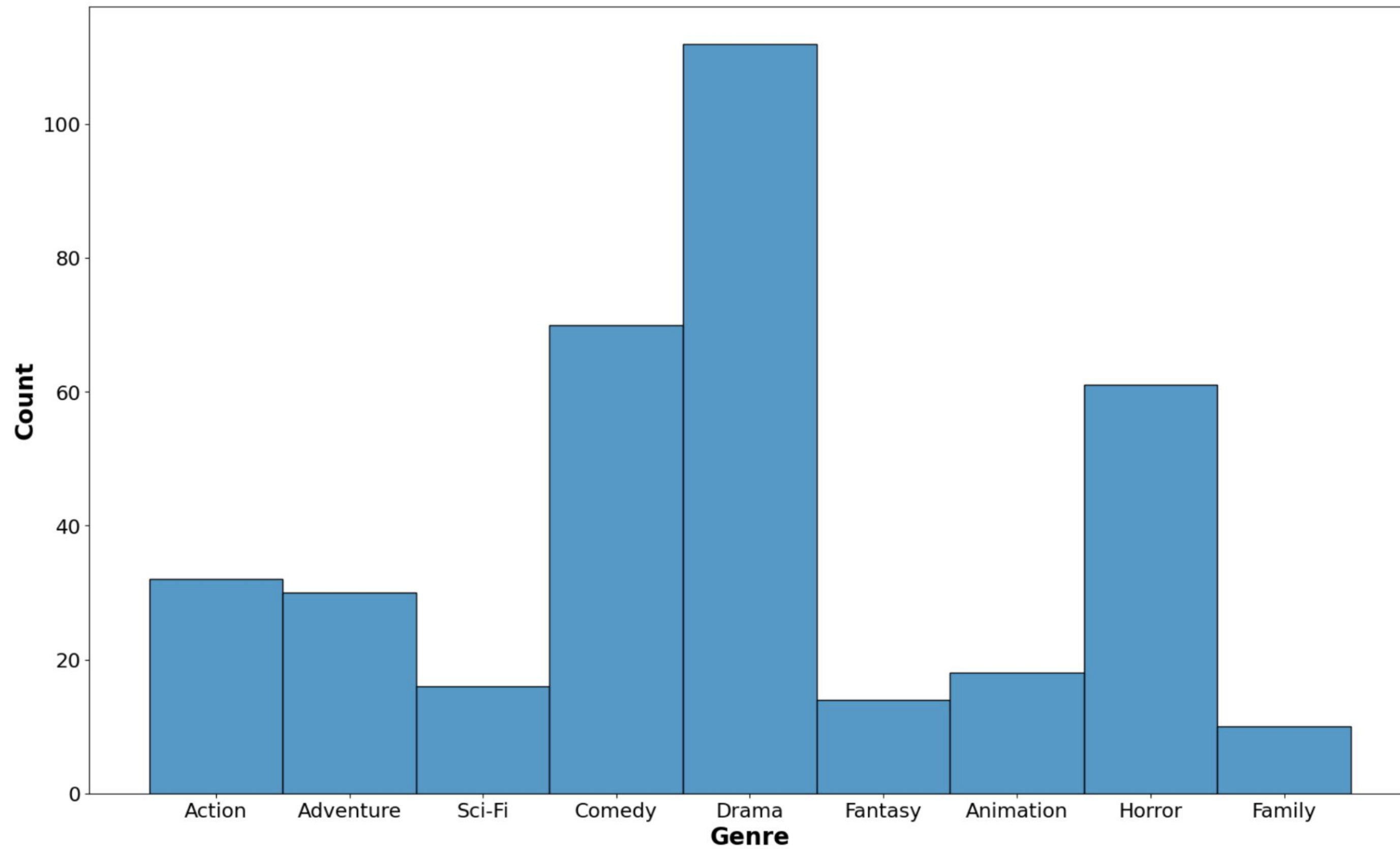


GENRES

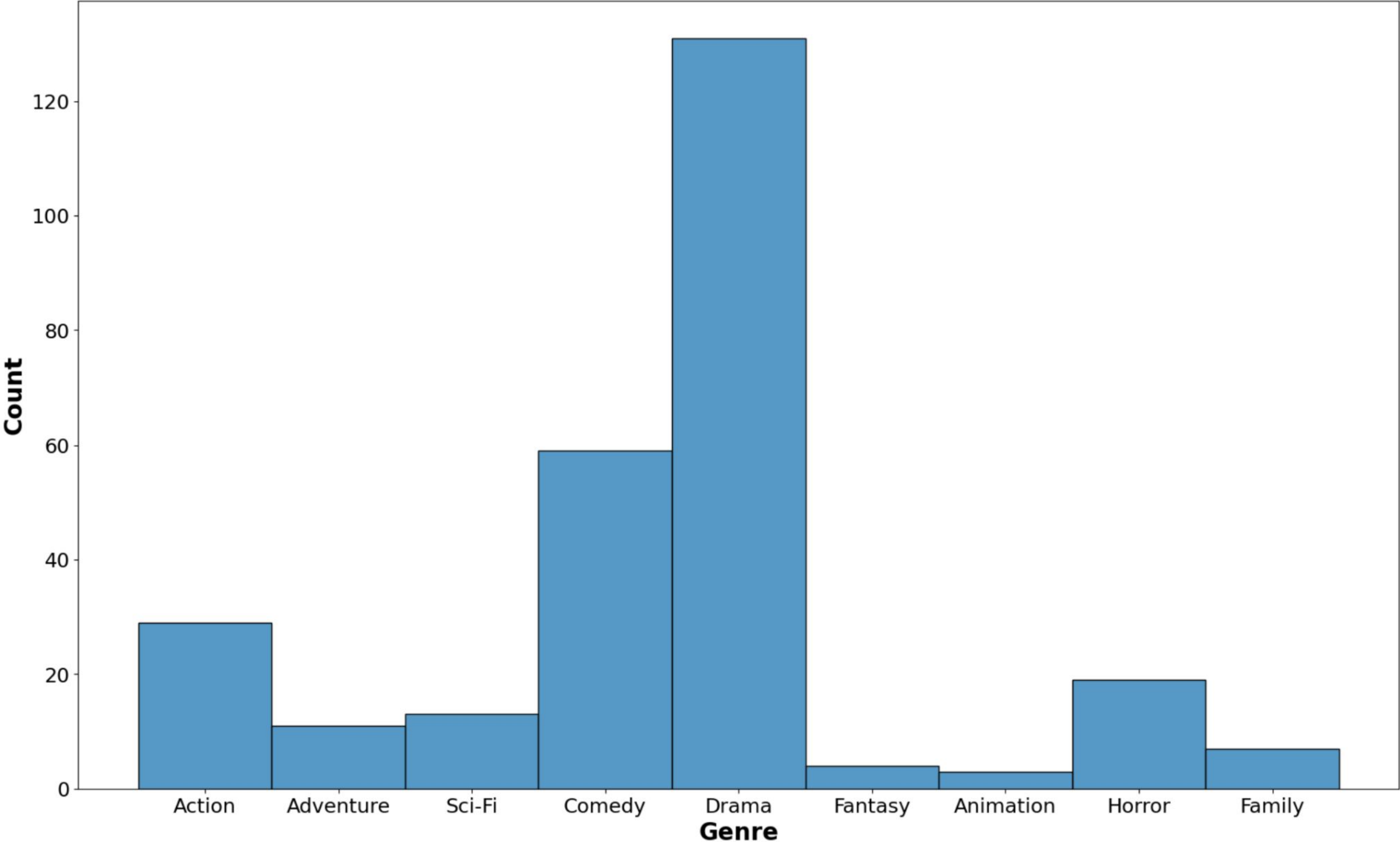
Genres of the Highest ROI Movies



Genres of Movies that had the Highest Percent Change



Genres of Movies that had the Lowest Percent Change



Averages of the Top Grossing Films

Average production budget:
\$139,244,090.91

Average ROI:
\$842,331,776.57

Average Percent Change:
956.14 %

Average rating:
6.98

Averages of Films with High Percent Change

Average production budget:
\$16,030,030.23

Average ROI:
\$270,475,655.32

Average Percent Change:
3333.98%

Average rating:
6.52

IMPROVEMENTS THAT CAN BE MADE & FURTHER DEVELOPMENTS

- Problems faced while working on the project
 - Some data were missing
 - Some data contained typos
 - Films that only appear on streaming services (i.e. Netflix)
- Further developments
 - Comparing data more efficiently
 - A bigger database (i.e. IMDB)

THANKS FOR
WATCHING

Link

<https://github.com/Jko0425>

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