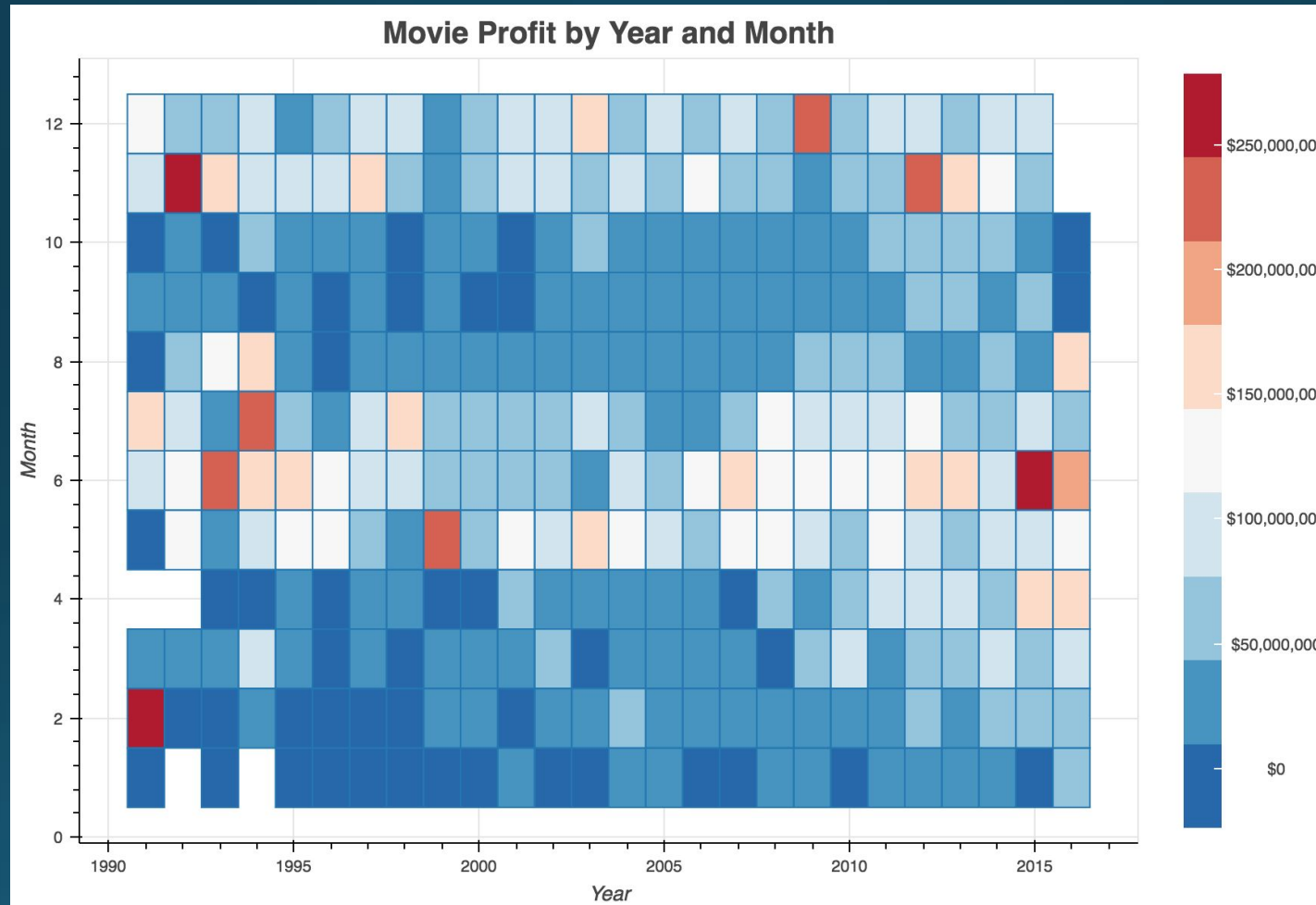


Movie Exploration

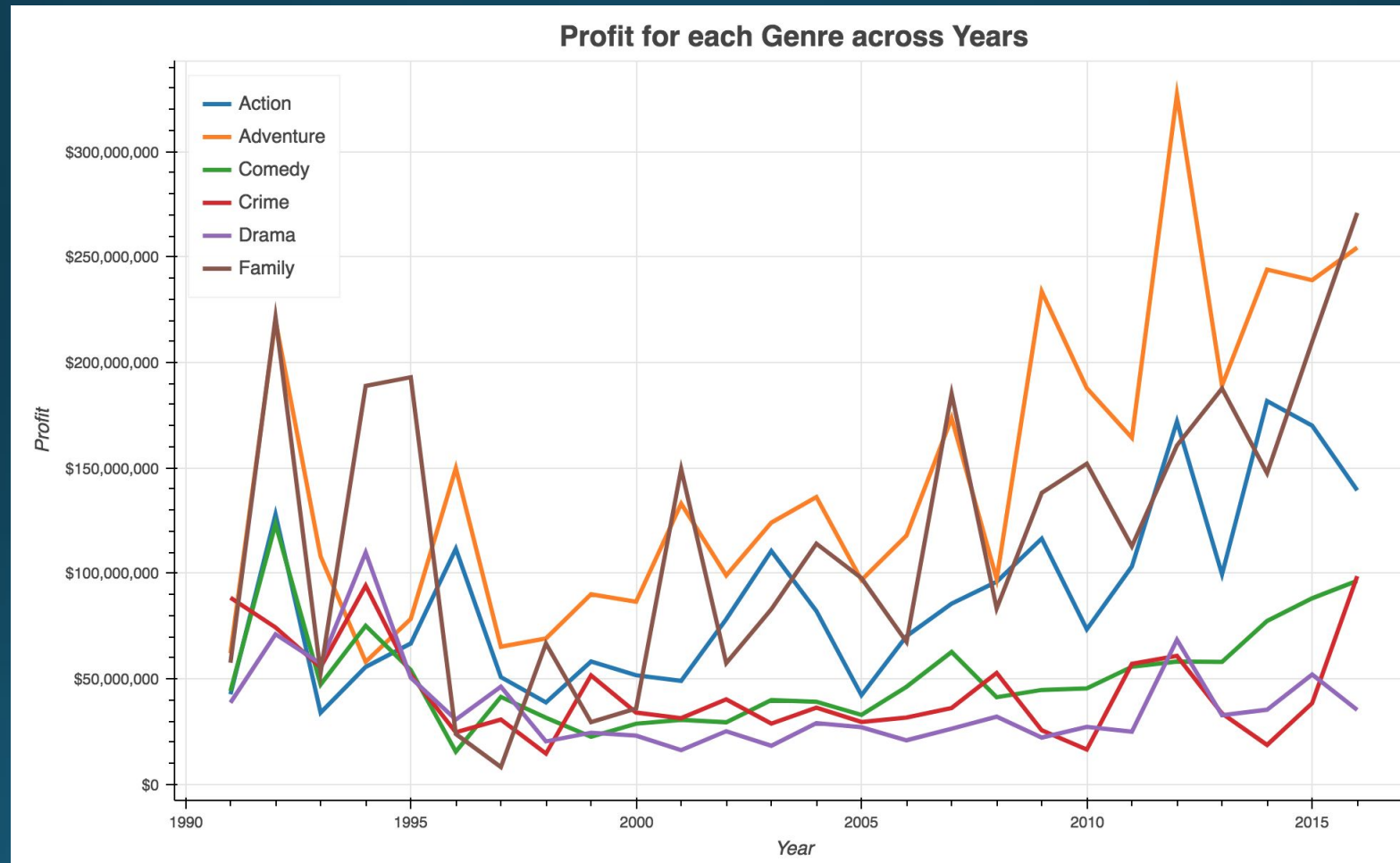
Alvira Swalin, Kishan Panchal

<https://sites.google.com/dons.usfca.edu/movieviz/home>

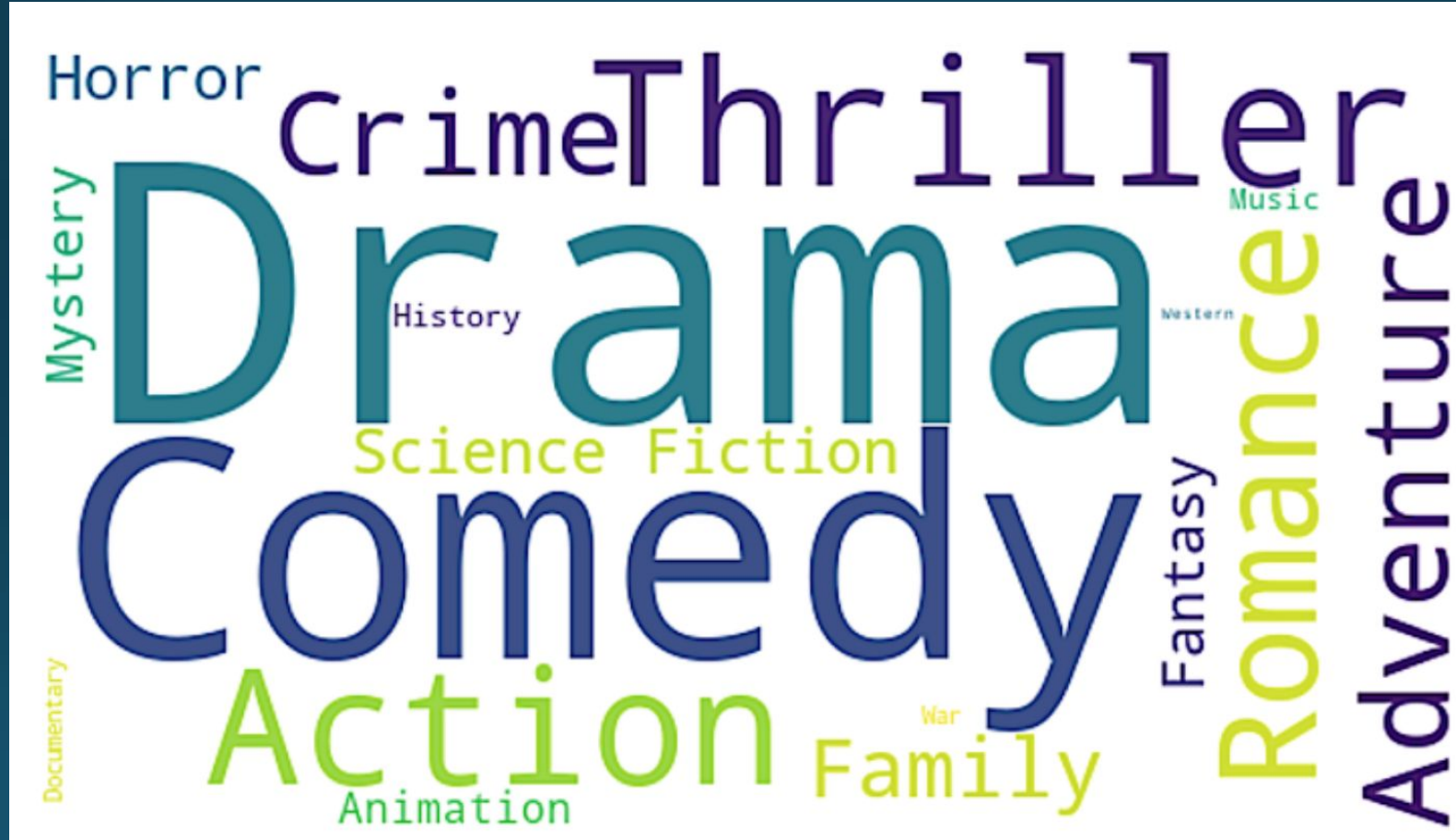
When are movies most profitable?



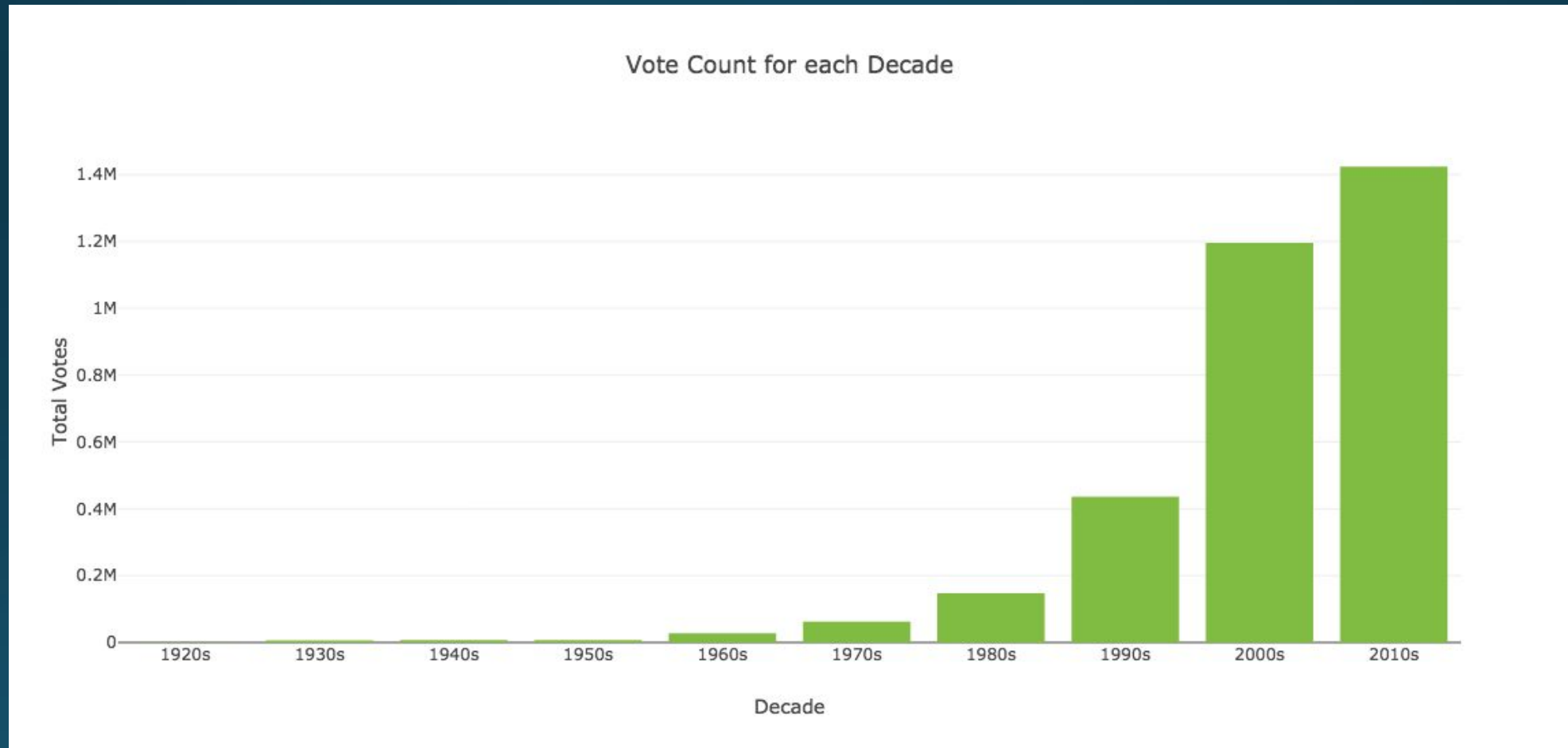
Which genres have been profitable over time?



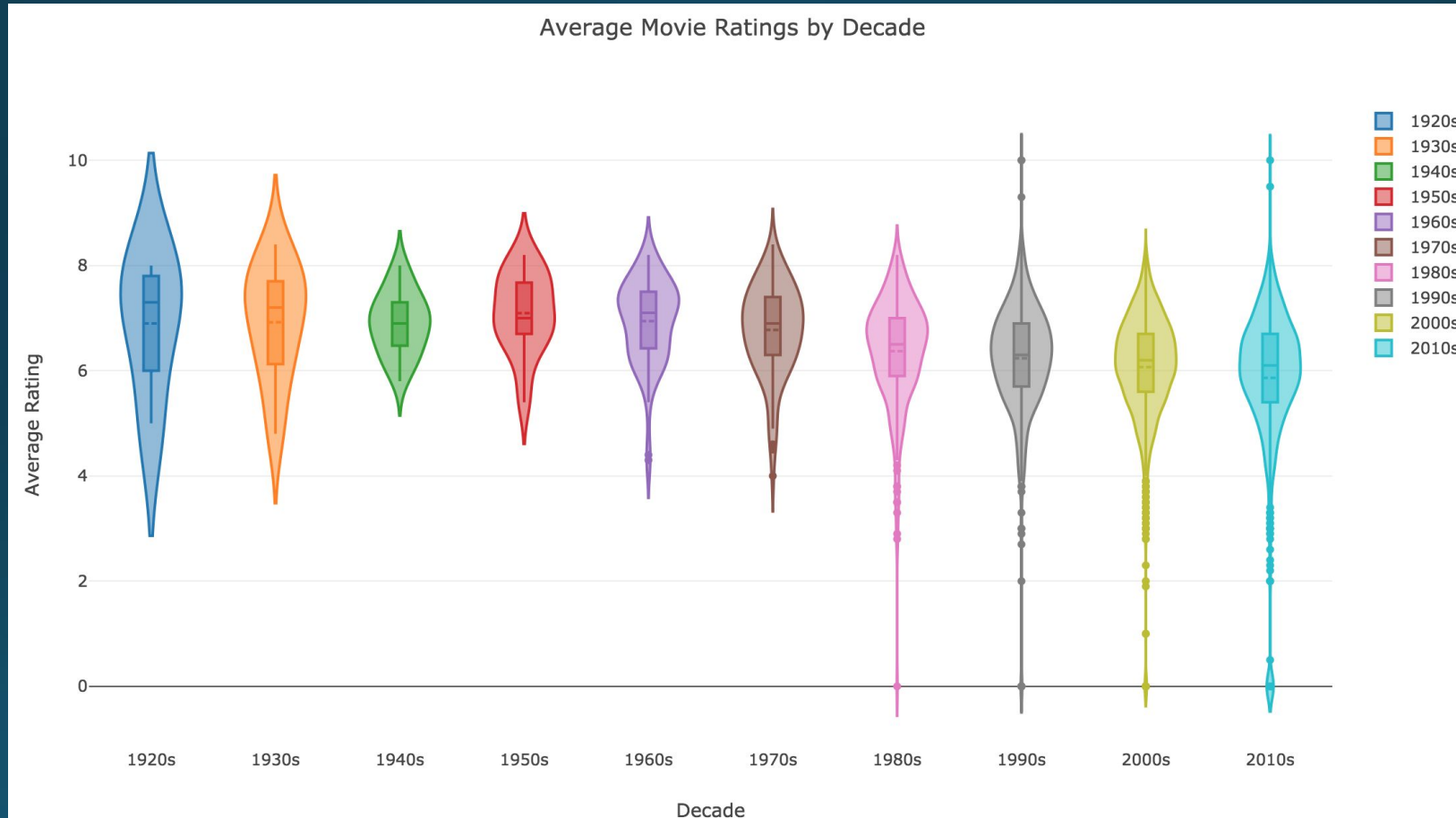
Which genres of movies are most popular?



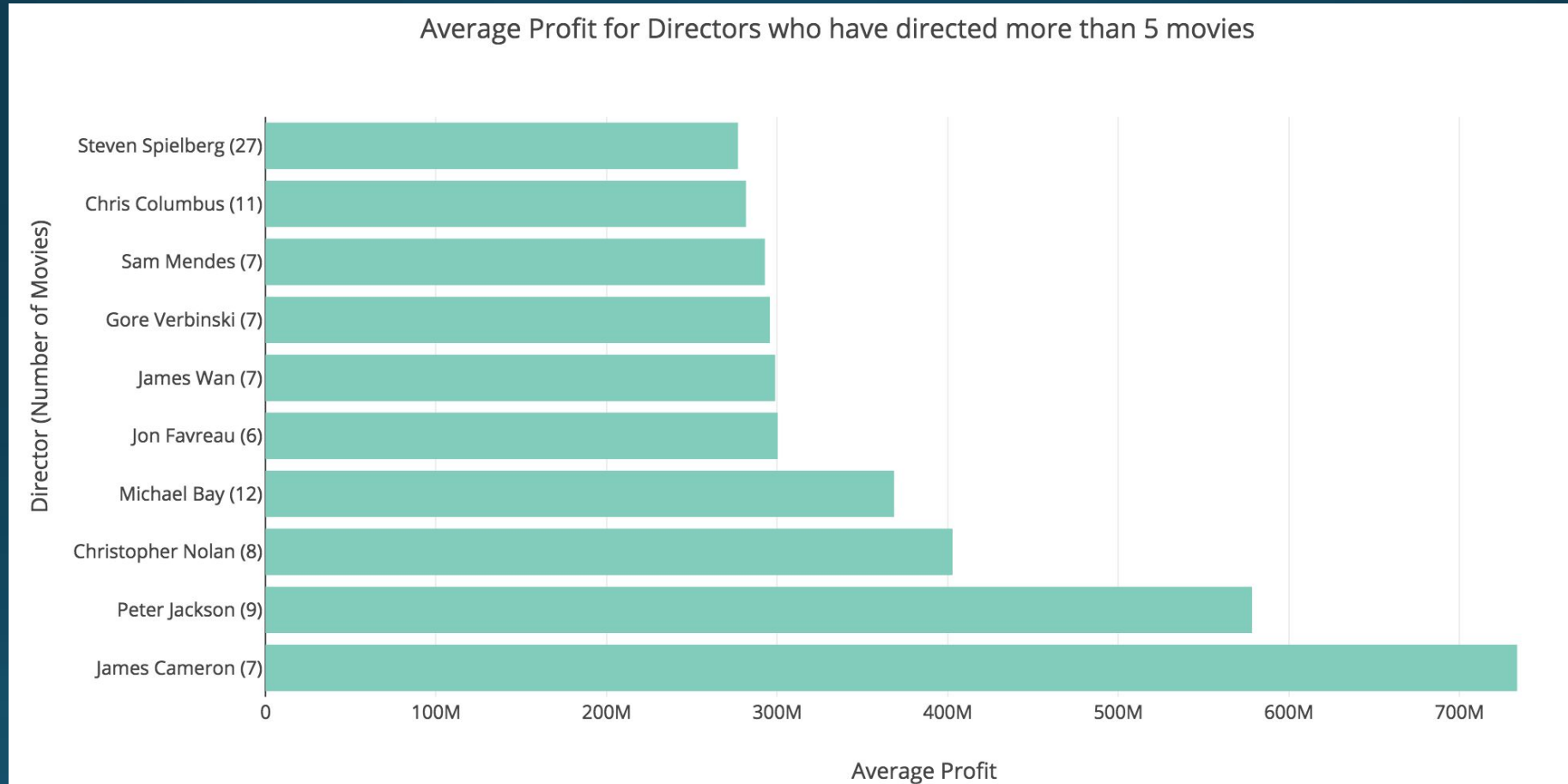
How has the number of votes changed over time?



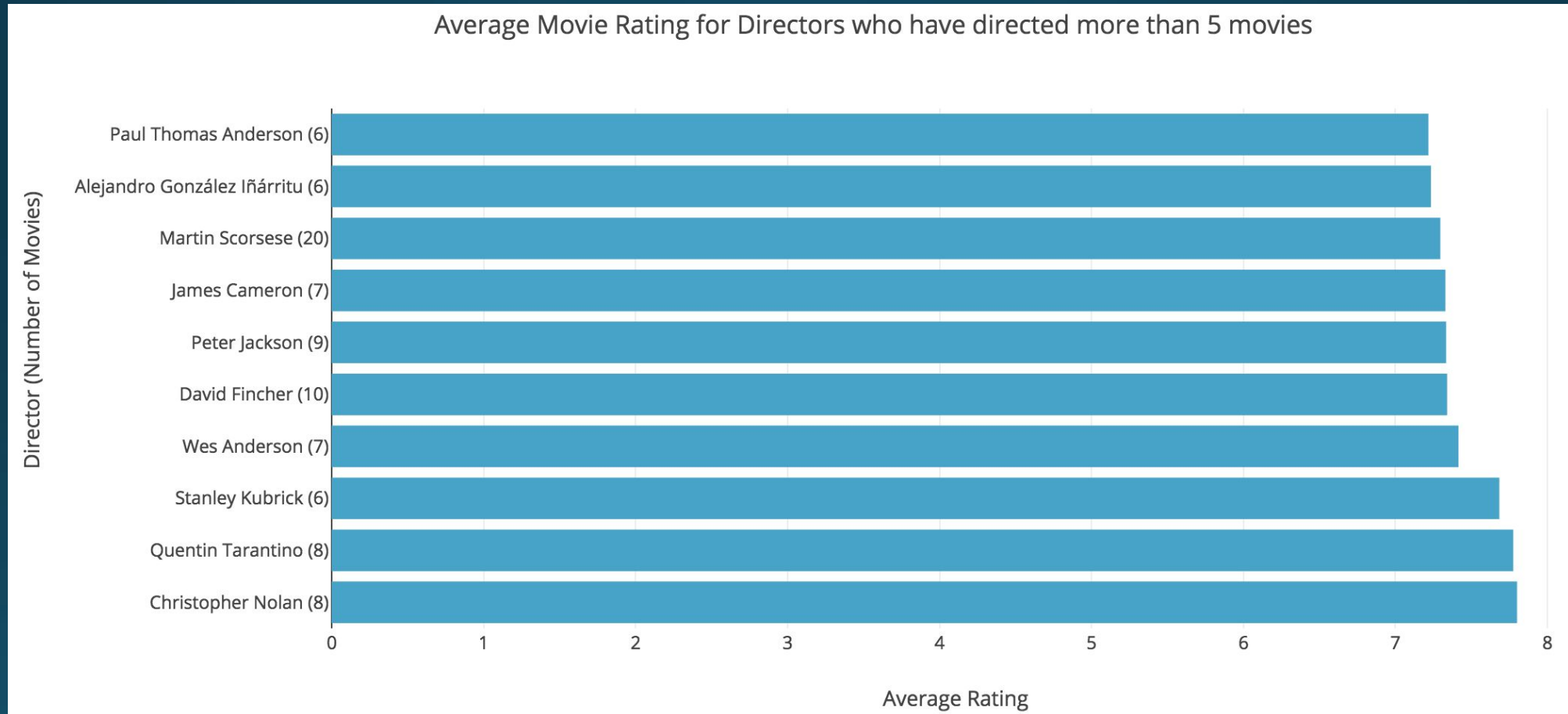
How does the distribution of average movie ratings vary by decade?



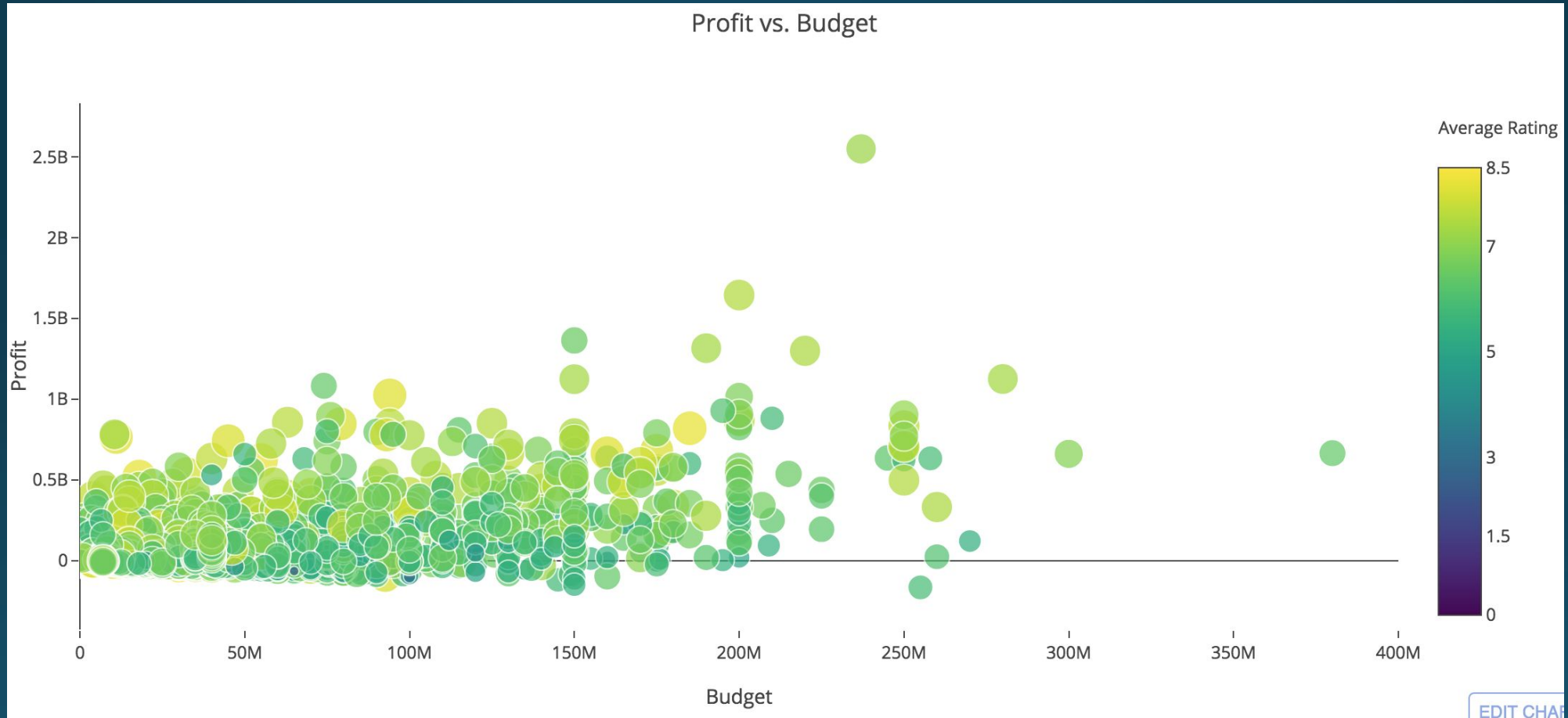
Which directors make the most average profit?



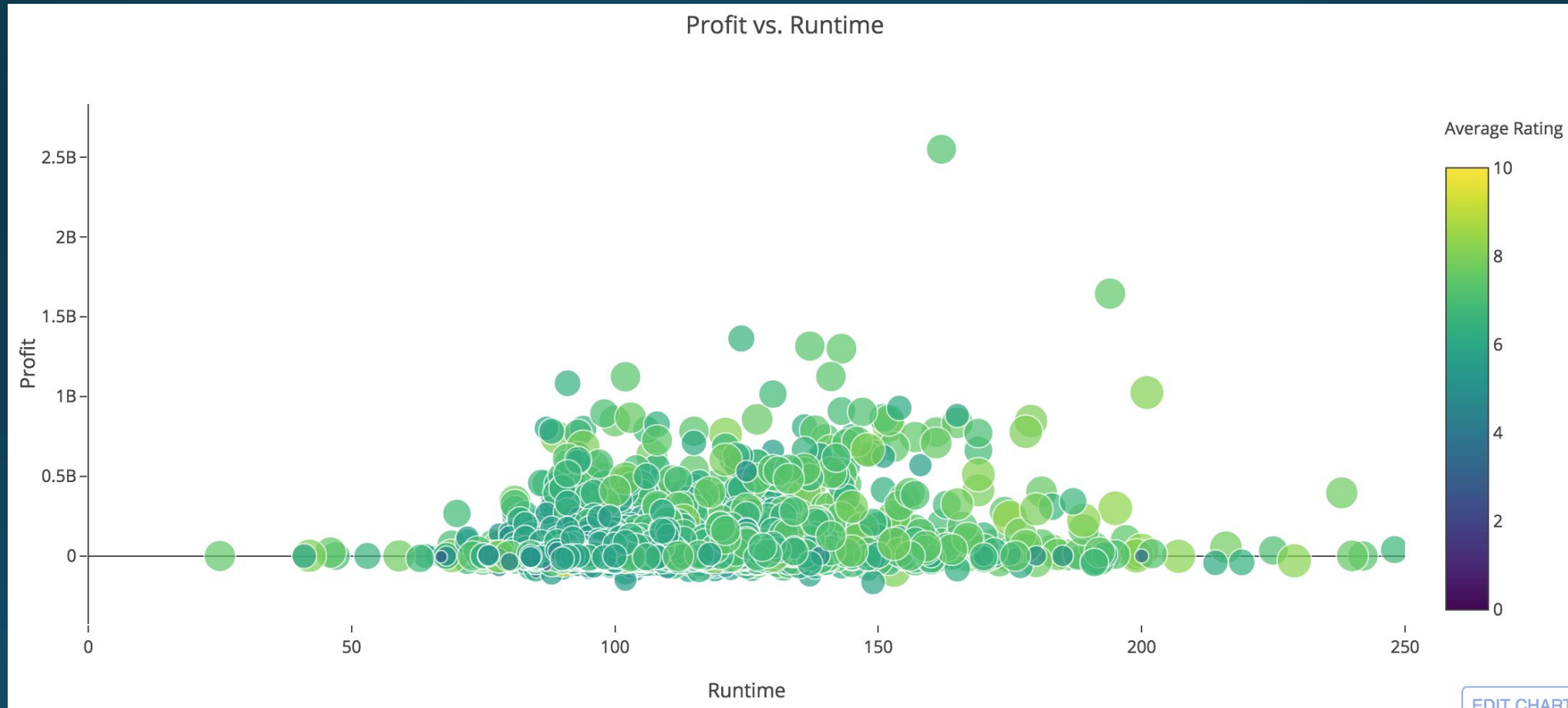
Which directors get the highest average movie ratings?



How has movie budget affected profit?

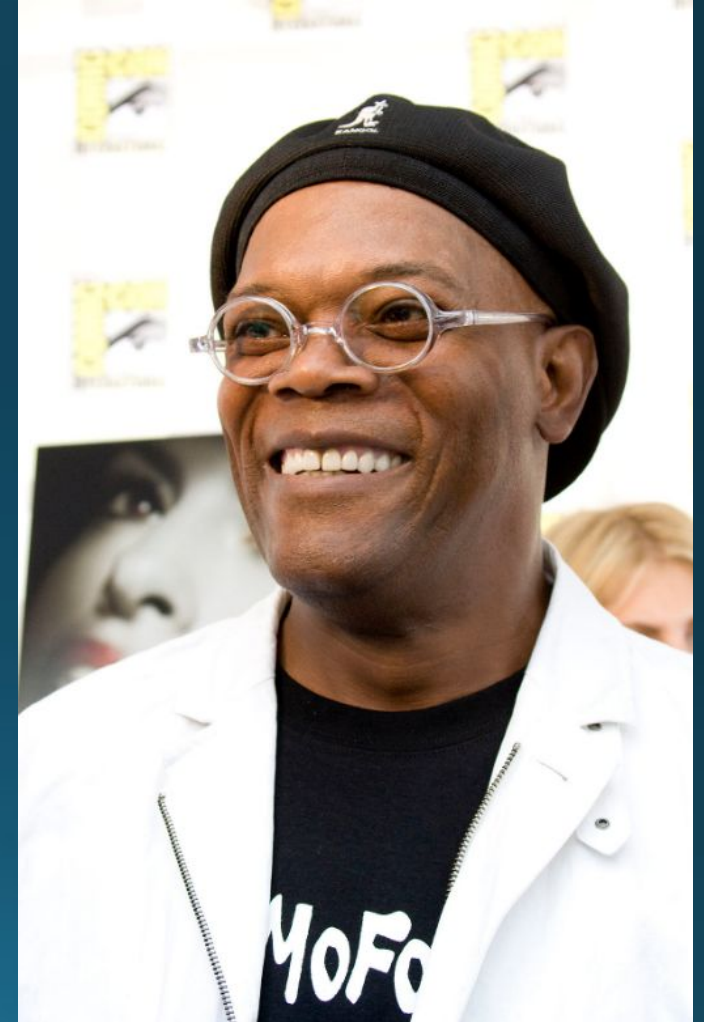


How has movie runtime affected profit?

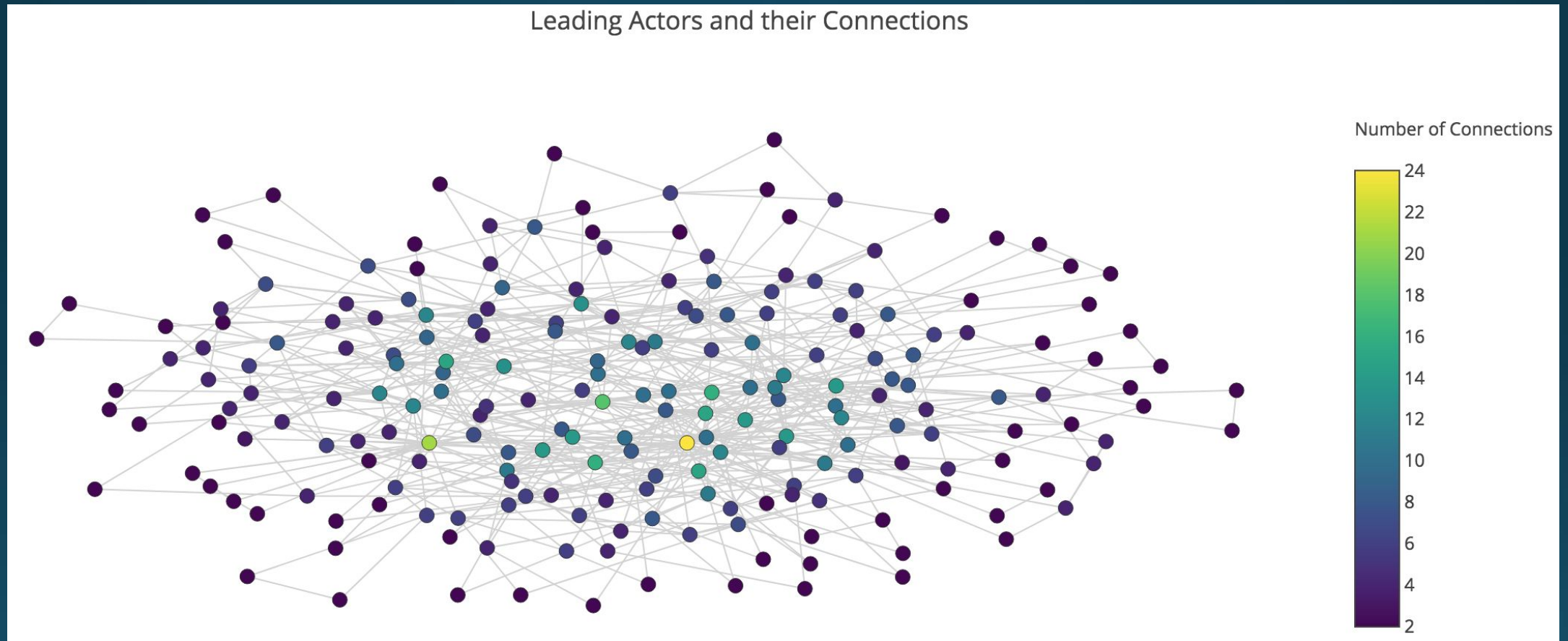


Trivia! This actor...

- Has appeared in the Marvel Cinematic Universe
- Is not Natalie Portman
- Has appeared in the Star Wars prequels
- Is the highest all time box-office grossing actor



How many leading actors have worked with each other?



Comparing Top Actors

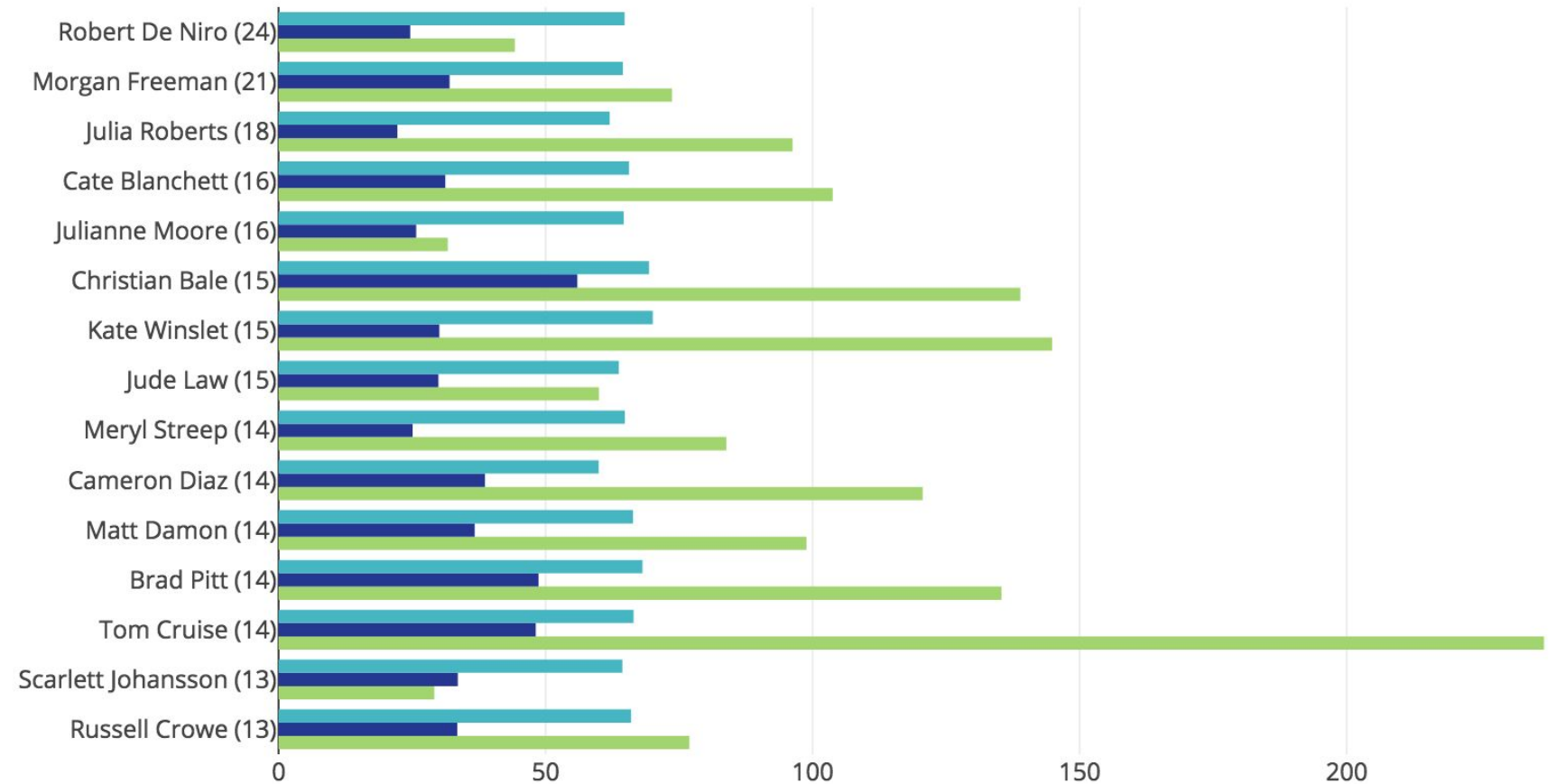
Average Measures for Important Actors (Select from Dropdown)

▼

Average Profit (in Millions)

Average Popularity

Average Vote



Summary

- Movies tend to be most profitable in June.
- Family and Adventure movies tend to be most profitable as of late.
- The average movie rating in the 2010s has been around 6.5.
- James Cameron is the director whose movies make the most average profit.
- Christopher Nolan is the director whose movies get the highest average rating.
- Avatar is the most profitable movie ever.
- Runtime does not affect movie profit that much.
- Robert De Niro is a leading actor who has worked with 24 other leading actors as of the data used.
- Out of the actors who have worked with the most other leading actors, Tom Cruise's movies make the most average profit, Kate Winslet's movies get the highest average vote, and Christian Bale's movies are the most popular.

