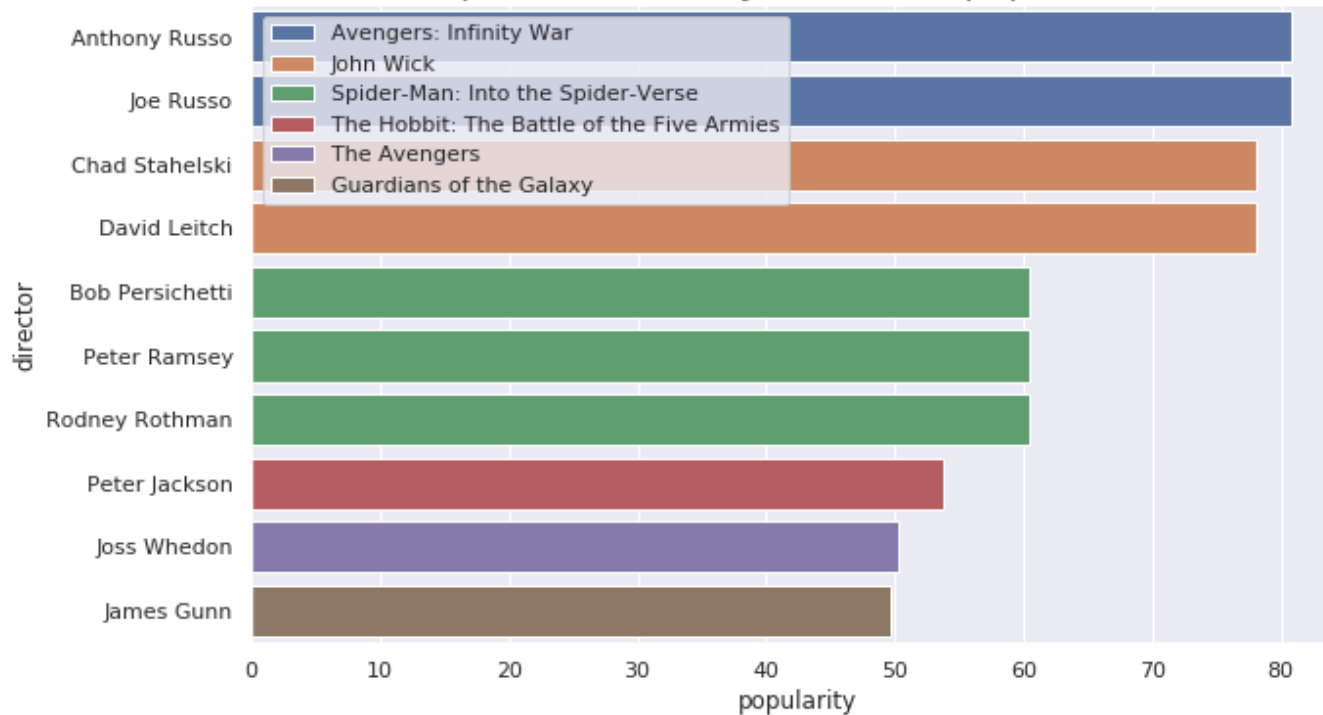


This analysis was performed on movie-related dataset which was obtained from IMDB and contains information about movies from 2010 to 2020.

Next questions will be answered:

1. Best director by profit and popularity
2. Most popular genre by year and overall
3. Best month to release the movie

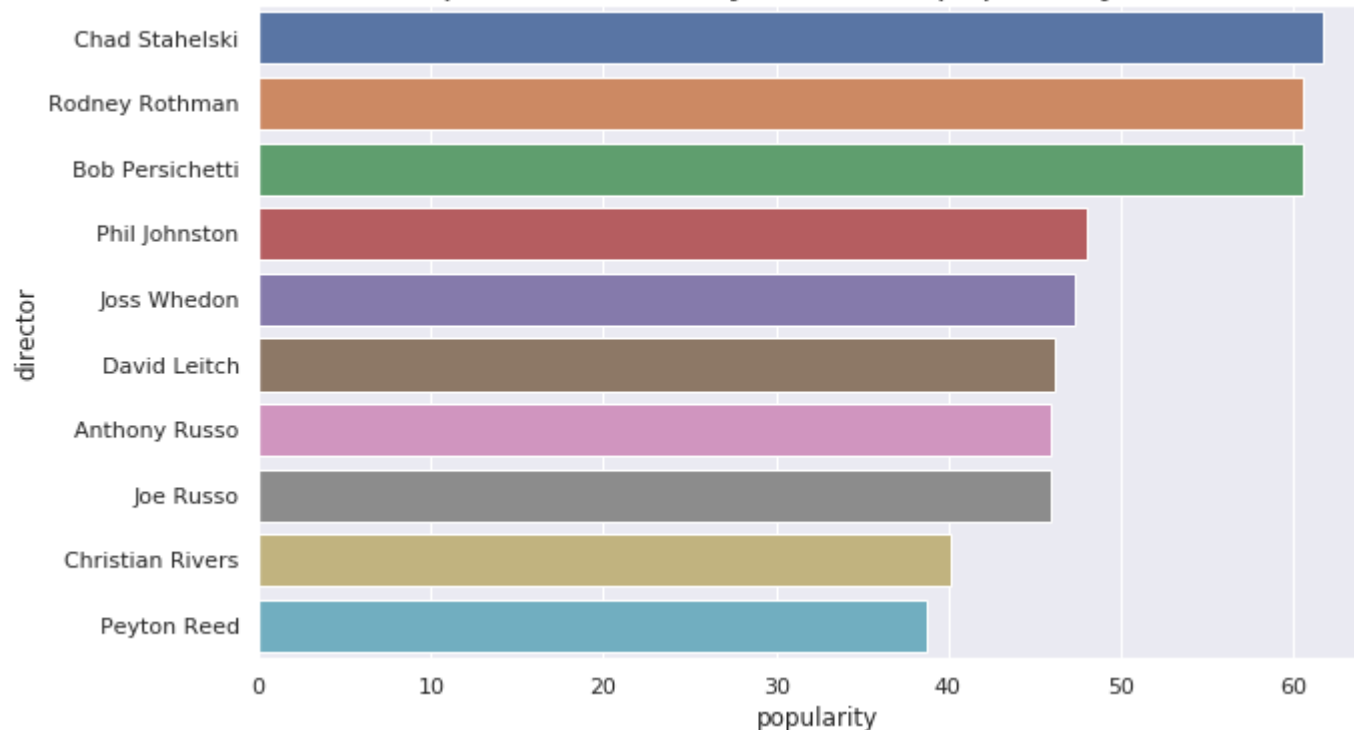
Top 10 directors by their most popular film



Top directors based on their most popular film from 2010 to 2020

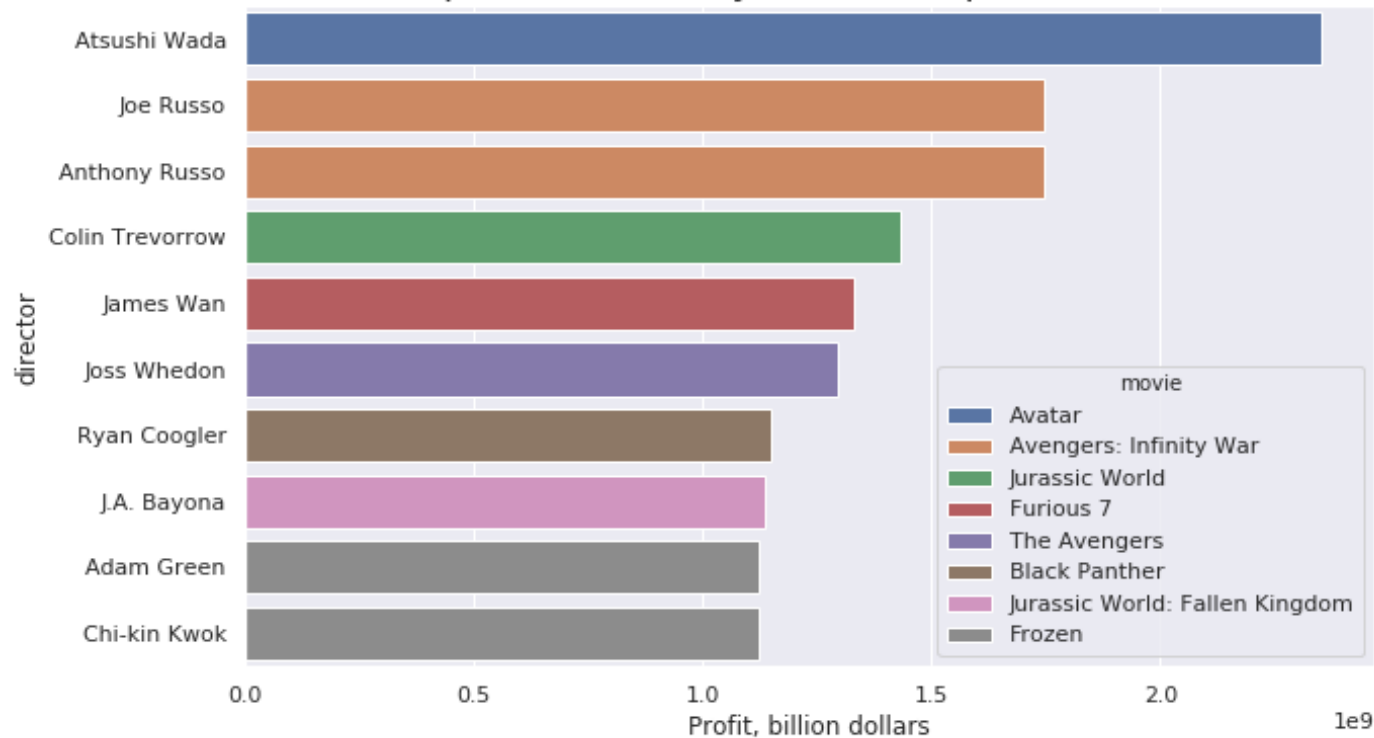
Same color means same film (film has more than one director)

Top 10 directors by their film popularity mean



Top directors based on their films mean popularity from 2010 to 2020

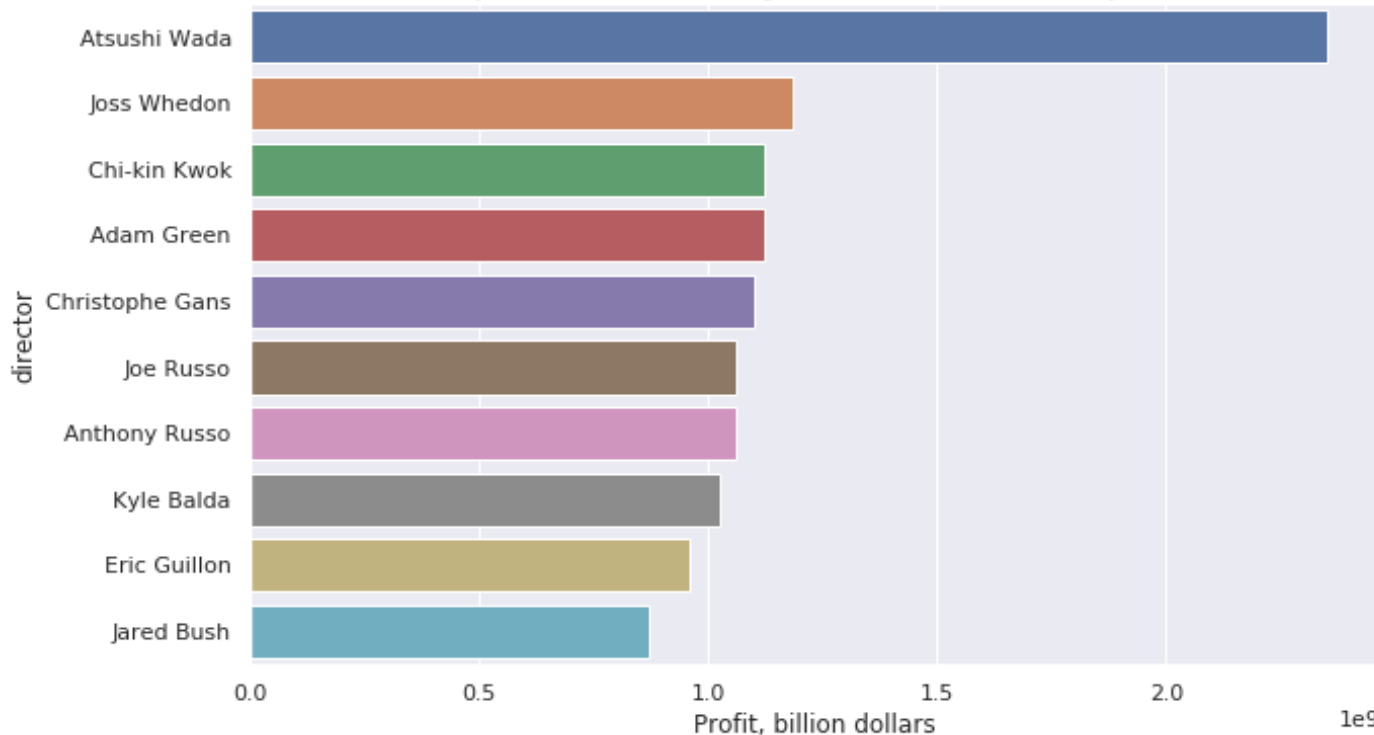
Top 10 directors by their most profitable film



Top directors based on their most profitable film from 2010 to 2020

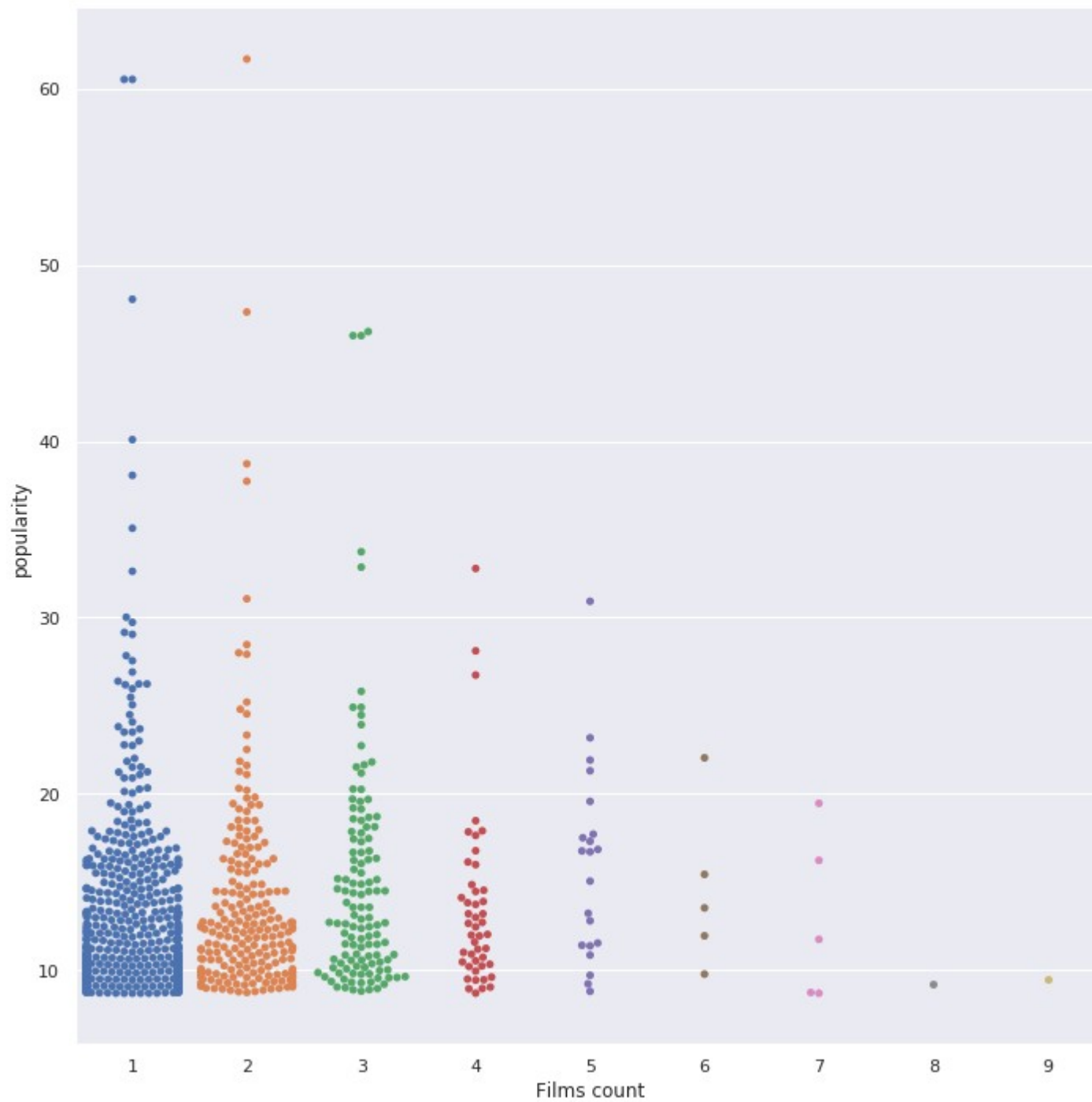
Same color means same film (film has more than one director)

Top 10 directors by their films mean profit



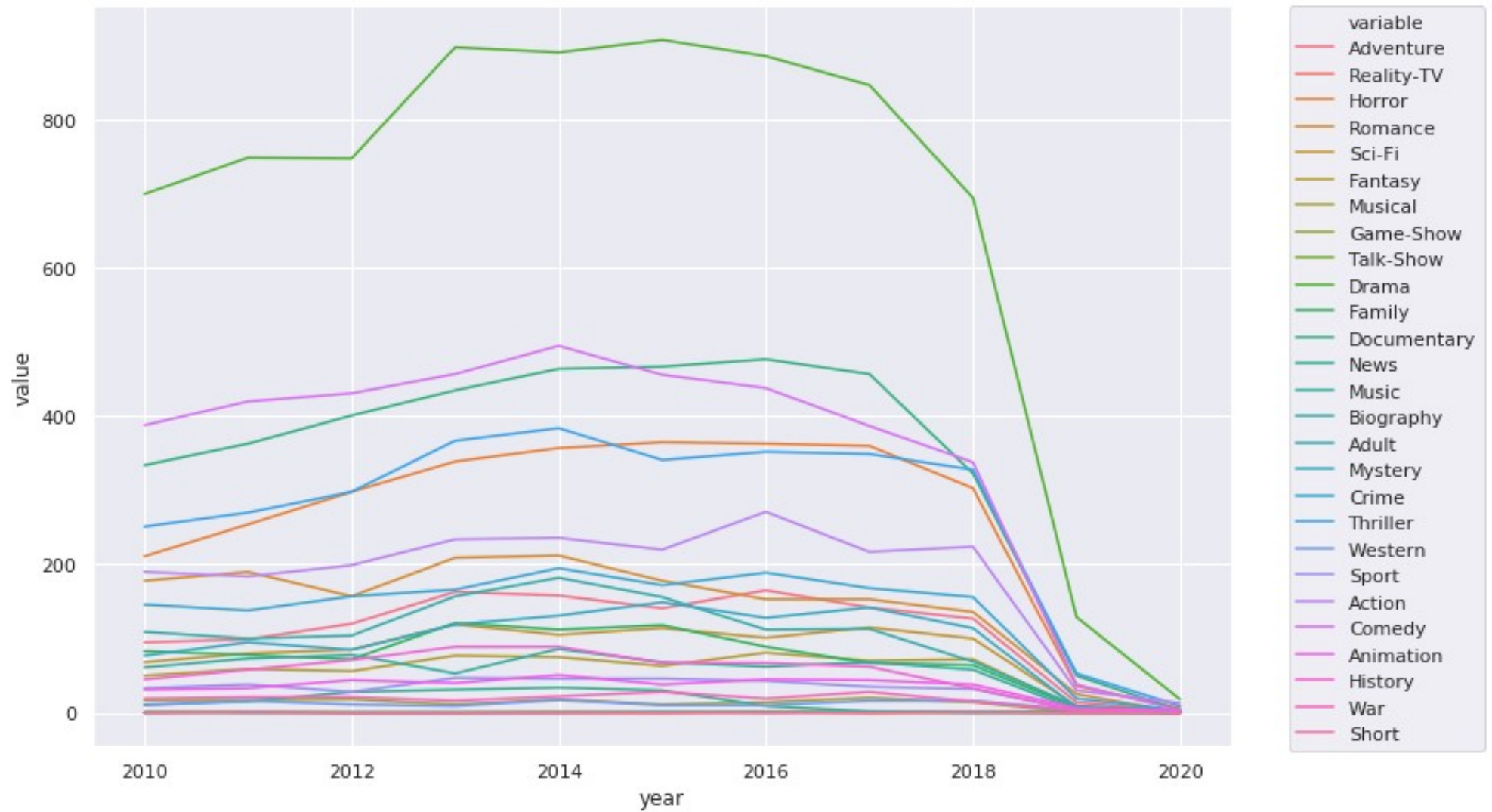
Top directors based on their films mean profit from 2010 to 2020

Number of observations should be taken into account
Most directors made 1-2 films what may affect the accuracy



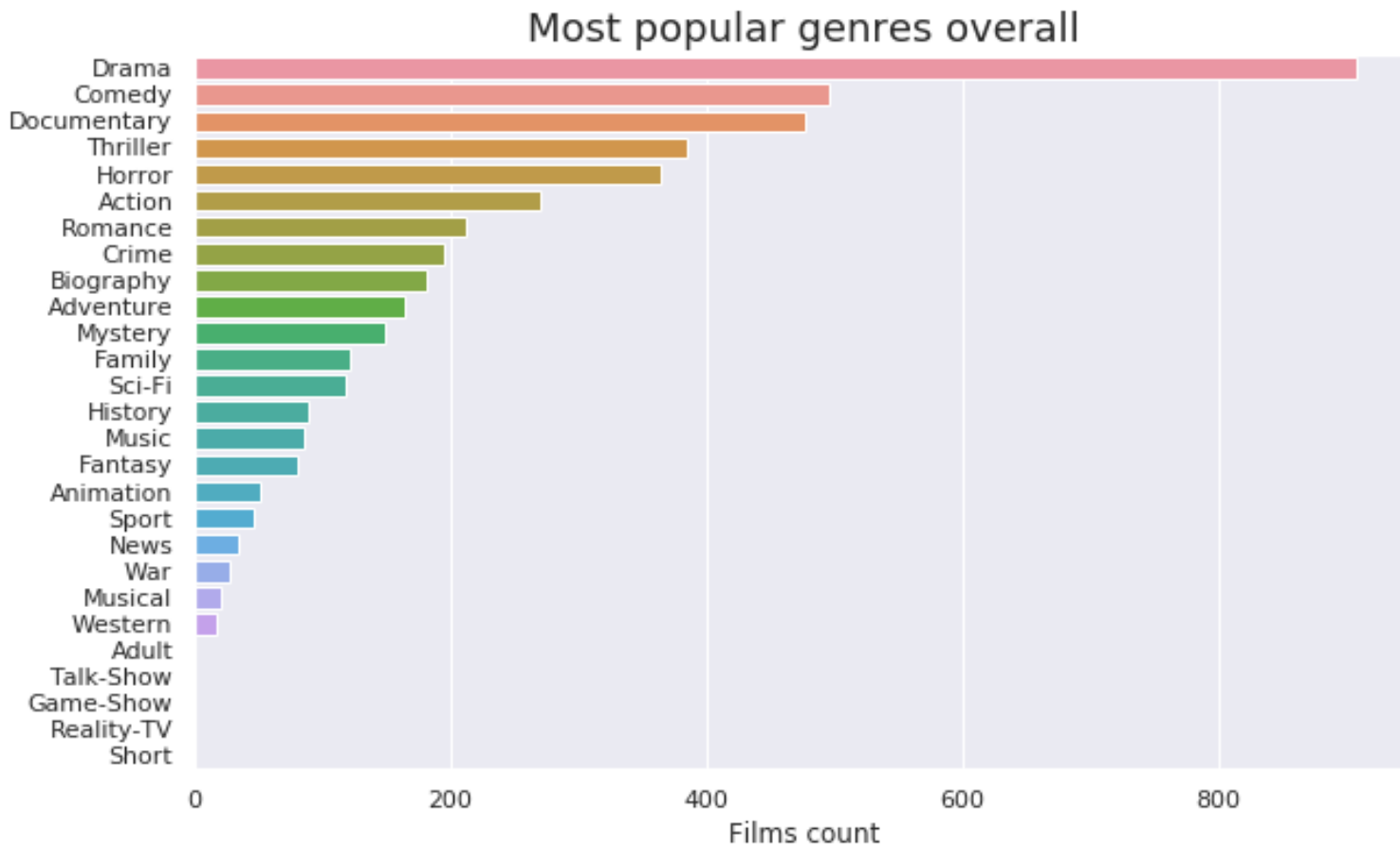
Most popular genre by year

The plot shows that the most popular genre is Drama



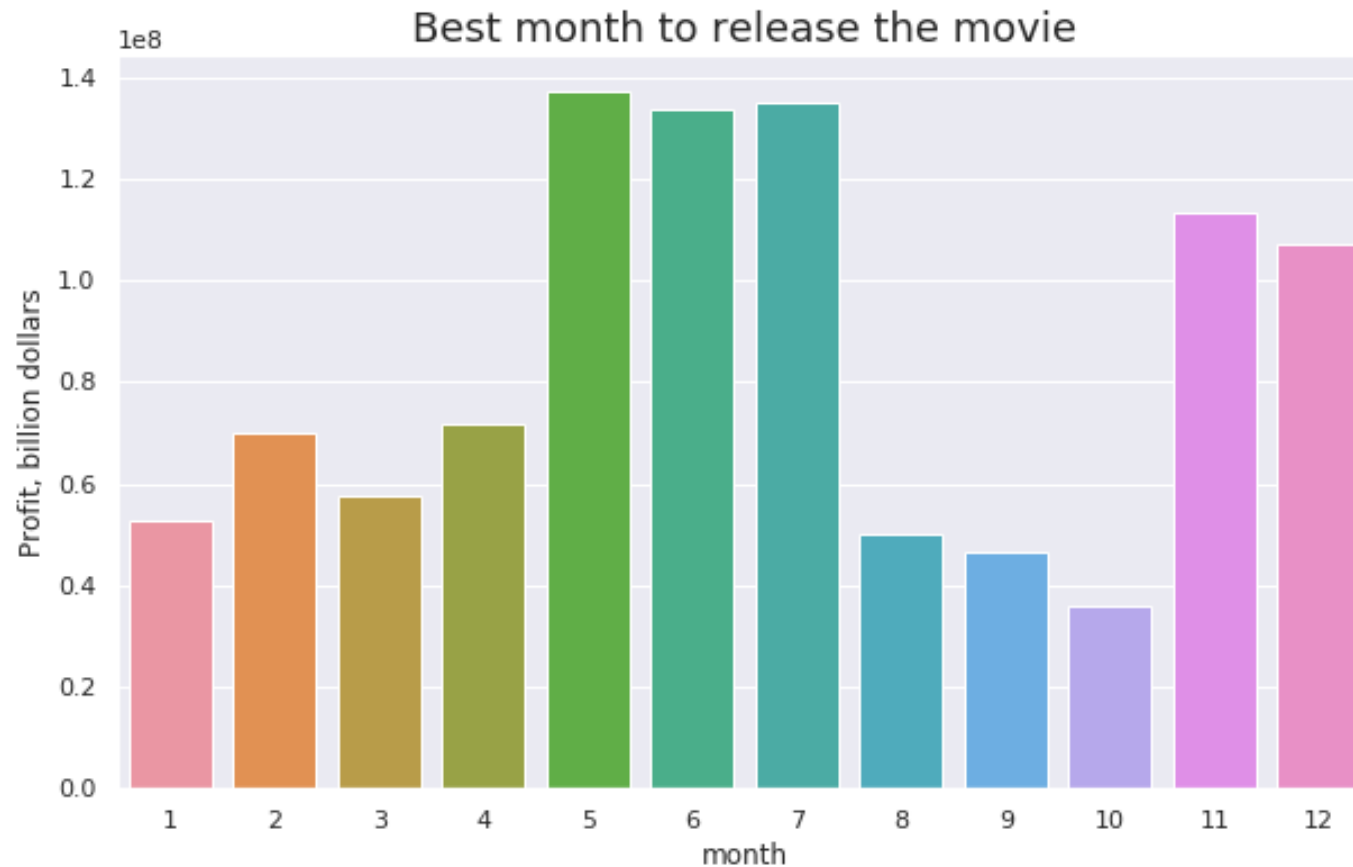
Most popular genre overall

The plot shows that the most popular genre is Drama



Best month to release the film

The plot shows that the most profitable months are May, June and July.
The best month to release the film is May.



Conclusion

1. The best director by film popularity is **Chad Stahelski**

Most popular Chad Stahelski's film is **John Wick**

The best director by film profit is **Atsushi Wada**

Most popular Atsushi Wada's film is **Avatar**

2. Most popular genre by year and overall is **Drama**

3. Best month to release the movie is **May**