

DATA VISUALISATION EXAM

VISUALISATIONS USING MOVIE DATA FROM [IMDb.COM](https://www.imdb.com)

ENRICO FALLACARA, PATRICK INDRI

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Topic: Movies and movie reviews.

Dataset details:

- ▶ Can be obtained through [this](#) GitHub repository;
- ▶ Contains information scraped from the [IMDb](#) website;
- ▶ 58623 movies, from 1910 to 2019;
- ▶ Useful fields: title, year, user_rating, votes, metascore, actors, genre, directors;

ADDRESSED QUESTIONS

- ▶ Which are the most prolific director/actor couples? Do they make good movies?
- ▶ Do women directors cast more women actresses than male directors?
- ▶ Do users agree with critics' ratings?

Director
Actor

M. Scorsese
R. De Niro

W. Anderson
B. Murray

T. Burton
J. Depp

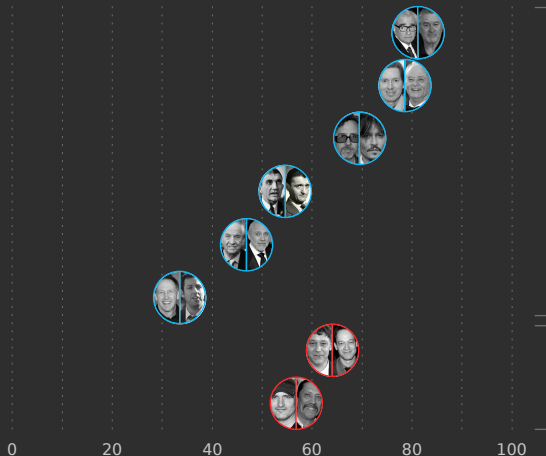
B. Edwards
G. Stark

G. Marshall
H. Elizondo

D. Dugan
A. Sandler

S. Raimi
T. Raimi

R. Rodriguez
D. Trejo



Average Metacritic score

Great (?) couples

Most prolific director-actor couples
and their average Metacritic score

8 movies
together

Actor/director

Most prolific actor/directors
who acted in their own movies

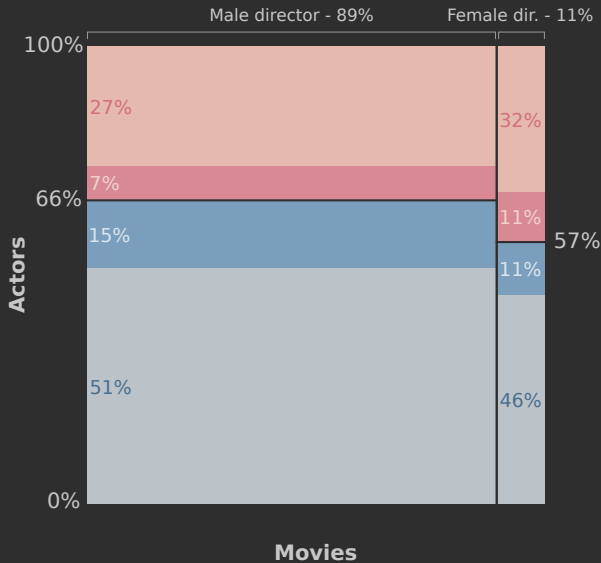


C. Eastwood
Acted in **20** of his movies
Average metascore: **65**



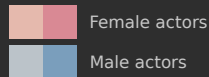
W. Allen
Acted in **18** of his movies
Average metascore: **69**

7 movies
together



Are women directors more egalitarian?

Based on IMDB data, 24826 movies from 2000 to 2018



Darker shades highlight protagonist roles

Data source: <https://github.com/dojutsu-user/IMDB-Scraper>

Loved by critics, not so much by audiences

% gap between Metacritic critics score and IMDB user scores



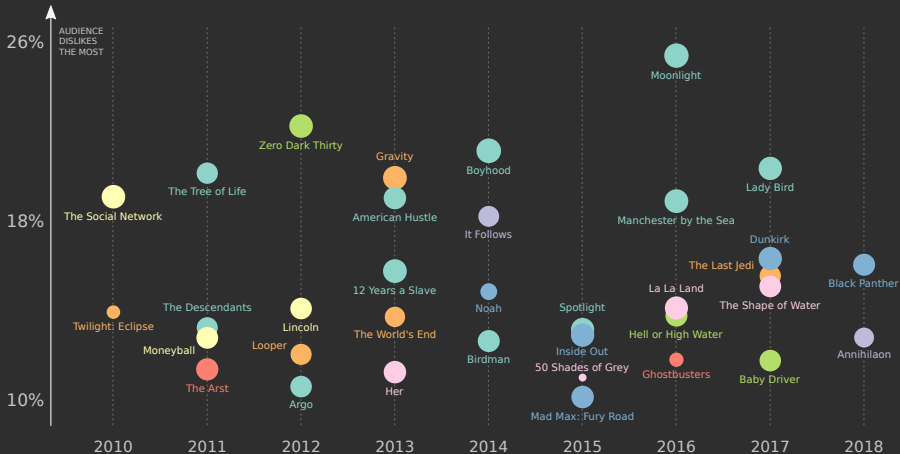
Metascore

Max: 10

Min: 4.6

Action / Adventure Biography Comedy Drama

Horror Romance Sci-Fi / Fantasy Thriller



Data source: <https://github.com/dojutsu-user/IMDB-Scraper>

INDIVIDUAL CONTRIBUTIONS

- ▶ Dataset parsing: Fallacara, Indri;
- ▶ Actor/director visualisation: Fallacara;
- ▶ Woman visualisation: Indri;
- ▶ Critic gap visualisation: Fallacara, Indri;
- ▶ Aesthetic refinements: Indri.

REFERENCES

- [1] Dataset: Imbd-scraper.
<https://github.com/dojutsu-user/IMDB-Scraper/>.
- [2] Imdb - ratings and reviews for new movies and tv shows.
<https://www.imdb.com/>.
- [3] Metacritic - movie reviews, tv reviews, game reviews, and music reviews.
<https://www.metacritic.com/>.