

INSIGHTS INTO A NETFLIX DATASET

Exploratory Data
Analysis,
Summer 2023

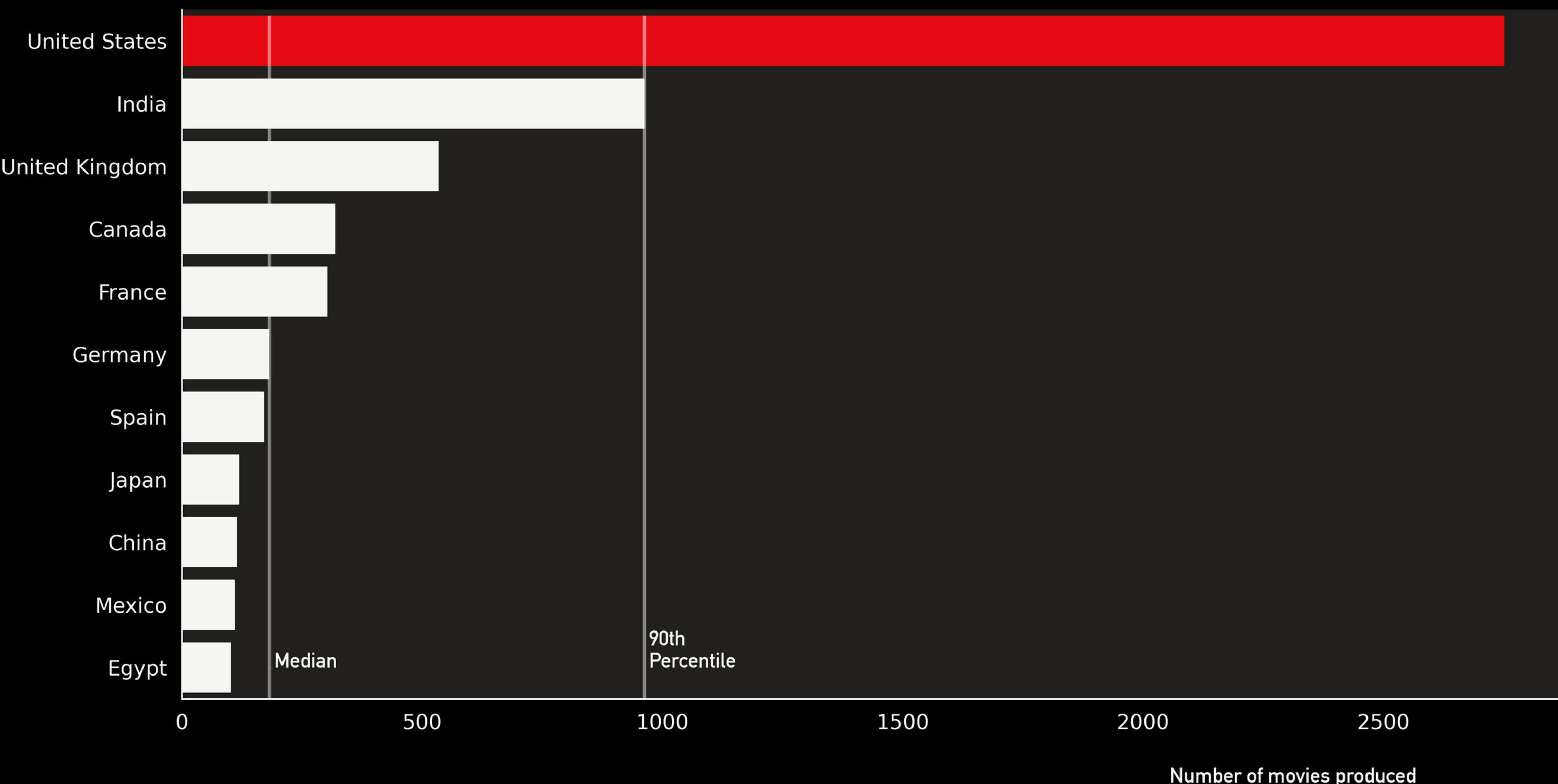


David Ramirez,
Nithin Kumar,
Maricela Abarca



TOP 10 MOVIE-PRODUCING COUNTRIES

The US is responsible for the most 'Netflix and Chill' by a long shot.



It's the US versus the world when it comes to content production.

It produces almost 3 times more movies than the 90th percentile country, India, and 15 times more than the median amount of movies per country.

QUALITY CONTENT?

AVERAGE CONTENT RATING BY COUNTRY

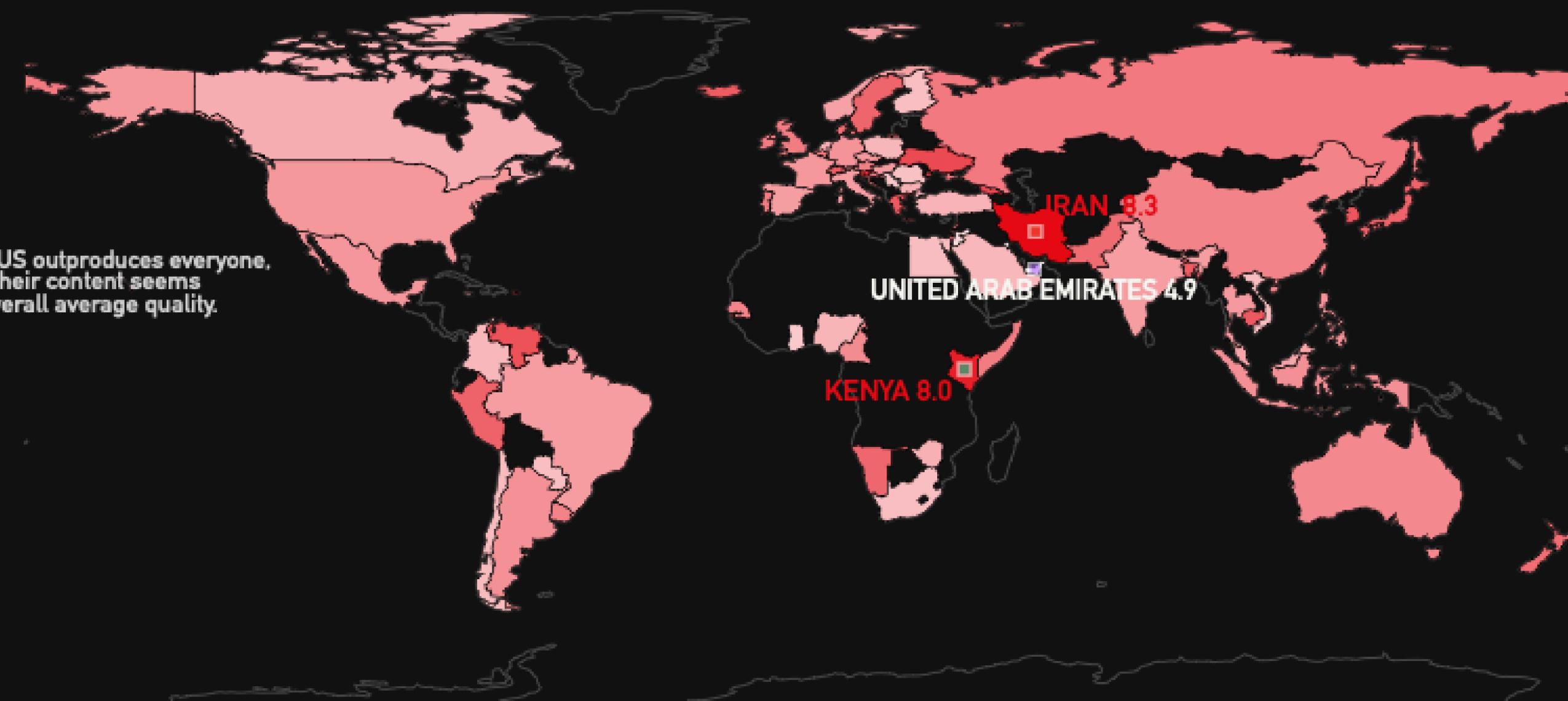
QUALITY



Iran & Kenya are the only countries with average ratings above 8.

The United Arab Emirates has the lowest average rating of 4.9

The US outproduces everyone, but their content seems of overall average quality.



5

5.5

6

6.5

7

7.5

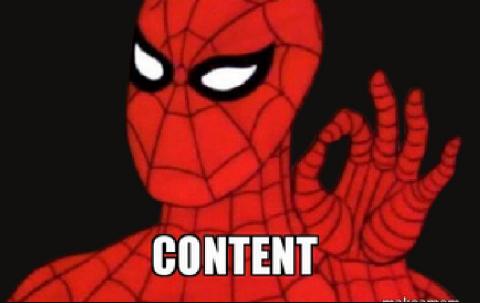
8

Average Rating

**THE AVERAGE
RATING OF NETFLIX
CONTENT
HAS FALLEN FROM 7
TO 6.3 SINCE 2013.**



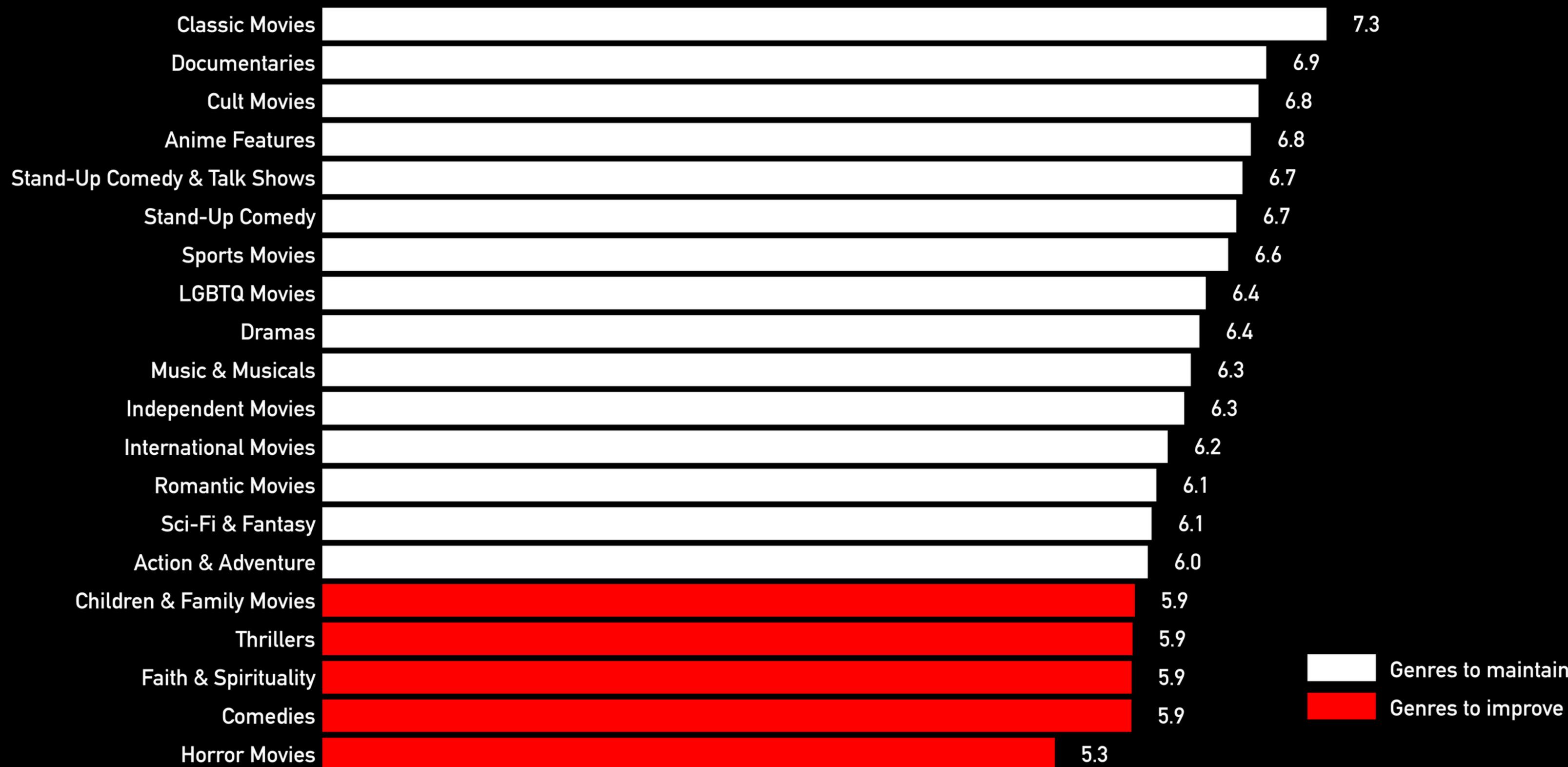
NOT QUALITY



CONTENT



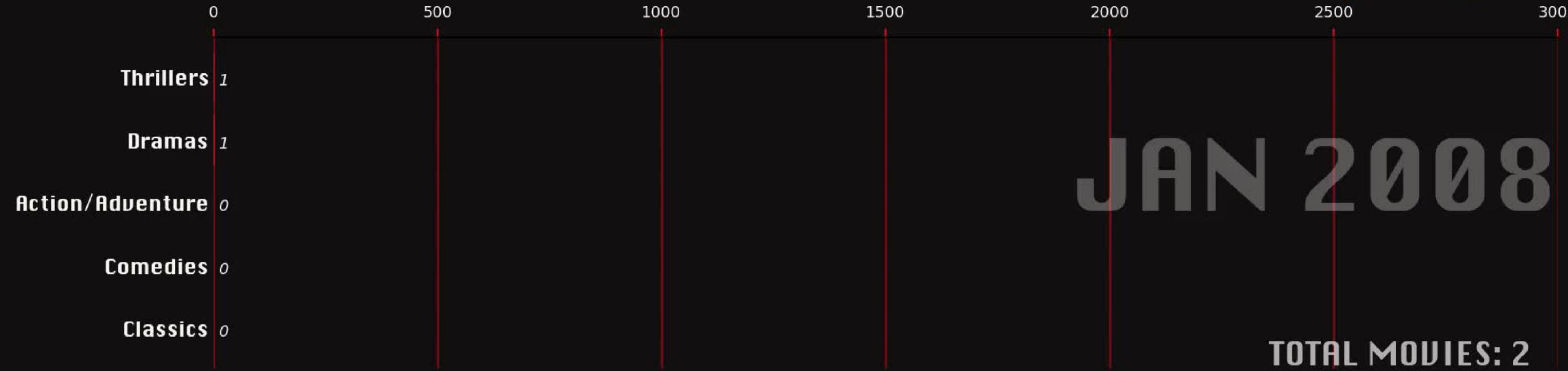
Movies average rating by genre



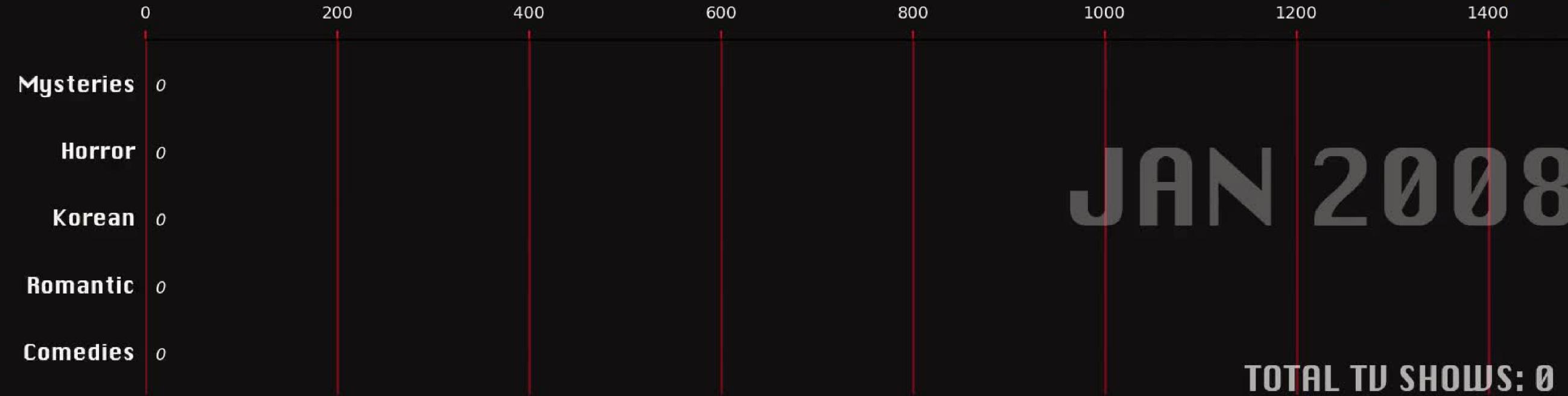
Findings: Some genres have low average ratings on Netflix.

Idea: Should we make an extra effort to increase quality content for these genres?

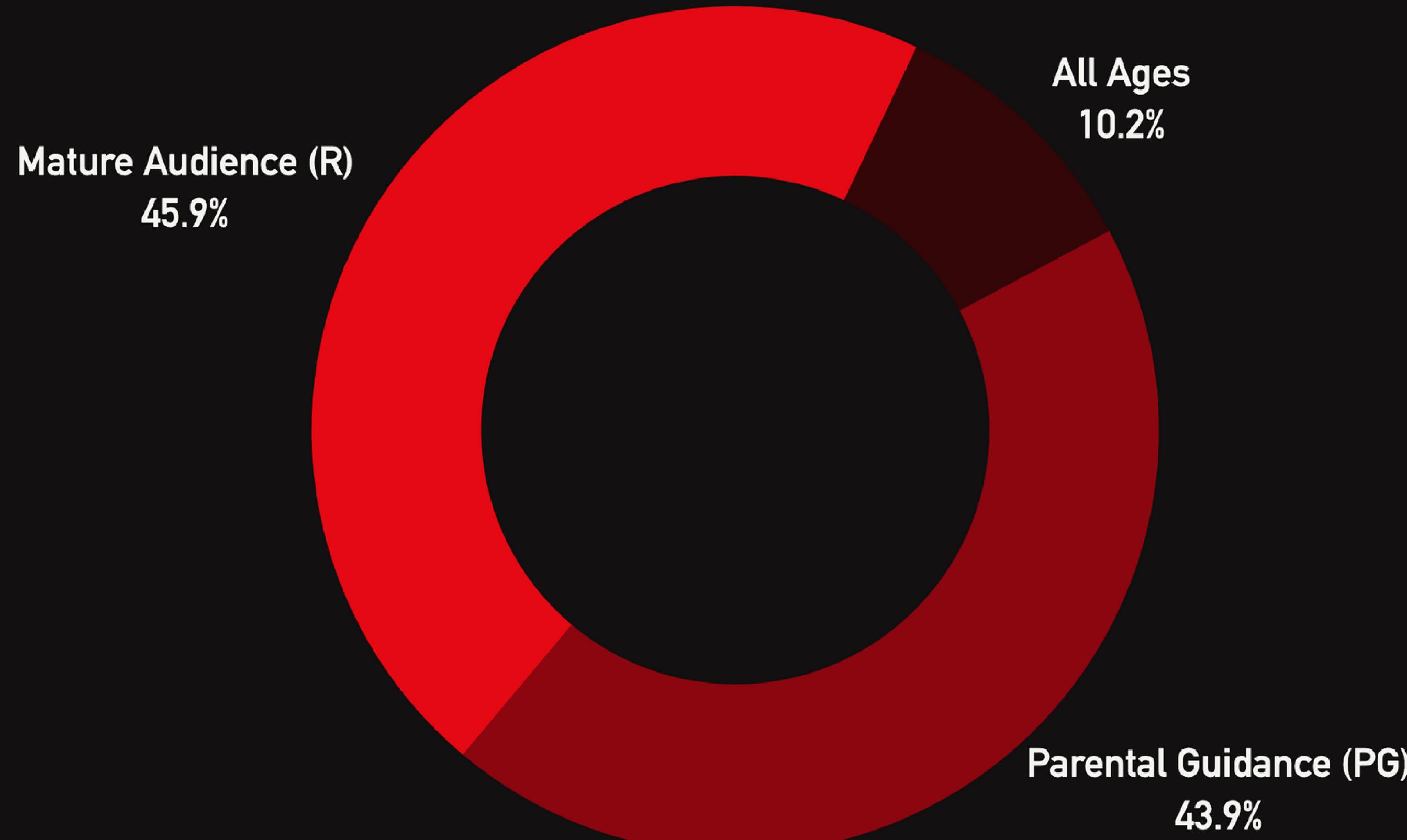
Evolution of Genre Distribution in Netflix Movies (2008)



Evolution of Genre Distribution in Netflix TV Shows (2008)



Percentage Distribution of Content by Age Rating



What is the best content on Netflix?

Top 10 Movies

Schindler's List	9.0
The Lord of the Rings: The Return of the King	9.0
Mahabharat	9.0
David Attenborough: A Life on Our Planet	8.9
The School of Mischief	8.9
Pulp Fiction	8.9
Inception	8.8
The Lord of the Rings: The Two Towers	8.8
The Matrix	8.7
City of God	8.6

Top 10 TV Shows

Frozen Planet	9.0
Dave Chappelle	8.7
Mr. Sunshine	8.7
Middleditch & Schwartz	8.6
Daughters of Destiny	8.6
Word of Honor	8.5
Julie and the Phantoms	8.4
James Acaster: Repertoire	8.4
Five Came Back	8.3
Ouran High School Host Club	8.2

Top 10 Actors

David Attenborough	8.9
Leonardo DiCaprio	8.1
Rie Kugimiya	7.7
Daisuke Ono	7.7
Hiroyuki Yoshino	7.7
Aamir Khan	7.6
Mark Ruffalo	7.6
Hugo Weaving	7.6
Michael Palin	7.6
Yuki Kaji	7.5

Top 10 Directors

Quentin Tarantino	8.2
Martin Scorsese	7.8
Steven Spielberg	7.5
Clint Eastwood	7.5
Shannon Hartman	7.4
Ryan Polito	7.2
Rajkumar Santoshi	7.1
Jay Karas	7.0
Lasse Hallström	6.9
Youssef Chahine	6.9

Name IMDB Rating

Findings: Some actors and directors have higher rating averages.

Idea: Should we focus on including more content from top actors and directors?

