

Subreddit Classification

Problem Statement

Interpreting Irony
Sounding Out Sarcasm

Subreddits

r/MovieDetails

A subreddit dedicated to admiring and appreciating the details behind movie making ranging from props to trivia and everything in between

r/ShittyMovieDetails

A parody of
r/MovieDetails

Examples

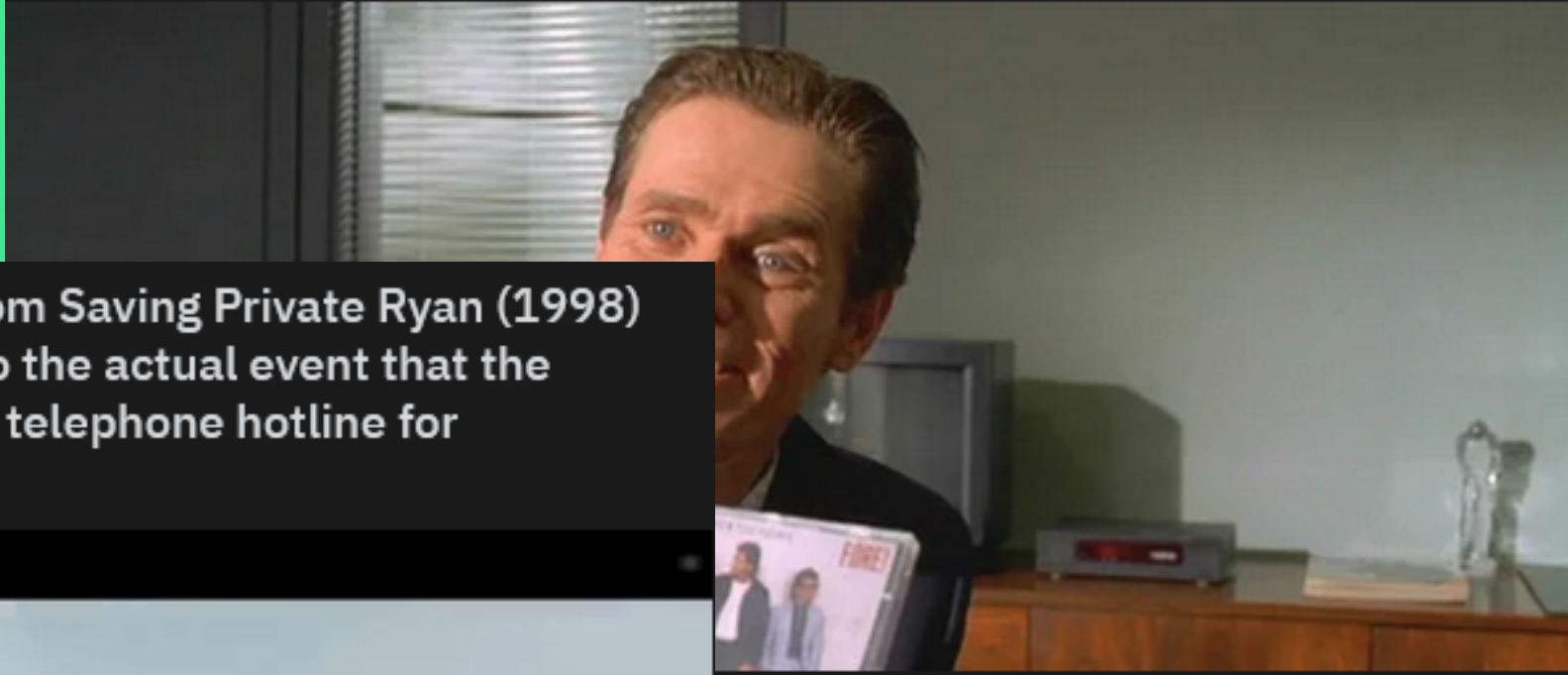


For Interstellar, Christopher Nolan planted 500 acres of corn just for the film because he did not want to CGI the farm in. After filming, he turned it around and sold the corn and made back profit for the budget.

Trivia | /r/all



Actor Choice In American Psycho (2000) Willem Dafoe (Detective Kimball) acted each meeting with Bateman 3 ways in 3 different takes: 1. He knew Bateman was the killer, 2. He only suspected Bateman was the killer, 3. He did not suspect Bateman. These clips were later spliced together to keep the audience guessing

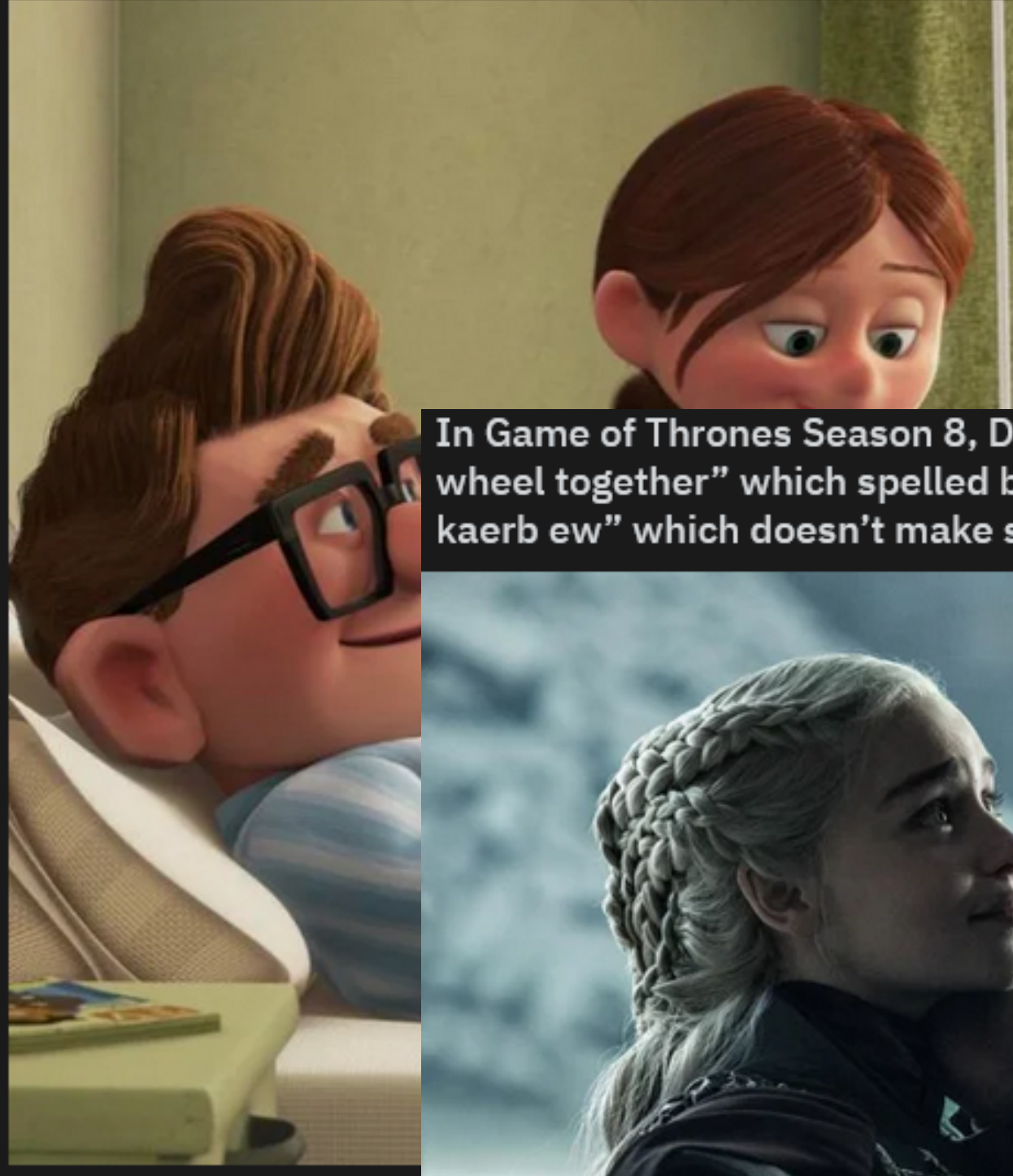


Accuracy The Omaha Beach scene from Saving Private Ryan (1998) was depicted with so much accuracy to the actual event that the Department of Veteran Affairs set up a telephone hotline for traumatized veterans to cope



0:18 5:29

In Pixar's Up (2009) Carl and Ellie break into their Paradise Falls savings jar in order to pay for Carl's hospital bill, this is actually a clever reference to the fact that the American healthcare system is literal garbage.



In Zack Snyder's Justice League (2021), Barry Allen breaks a Window by merely touching it. This is because Windows no longer supports Flash.



In Game of Thrones Season 8, Daenerys' last words are "we break the wheel together" which spelled backwards says "rehtegot leehw eht kaerb ew" which doesn't make sense just like the rest of season 8.



Sentiment Analysis

Results

Negative

r/MovieDetails:
6.55%

r/ShittyMovieDetails:
8.98%

Neutral

r/MovieDetails:
87.93%

r/ShittyMovieDetails
84.64%

Positive

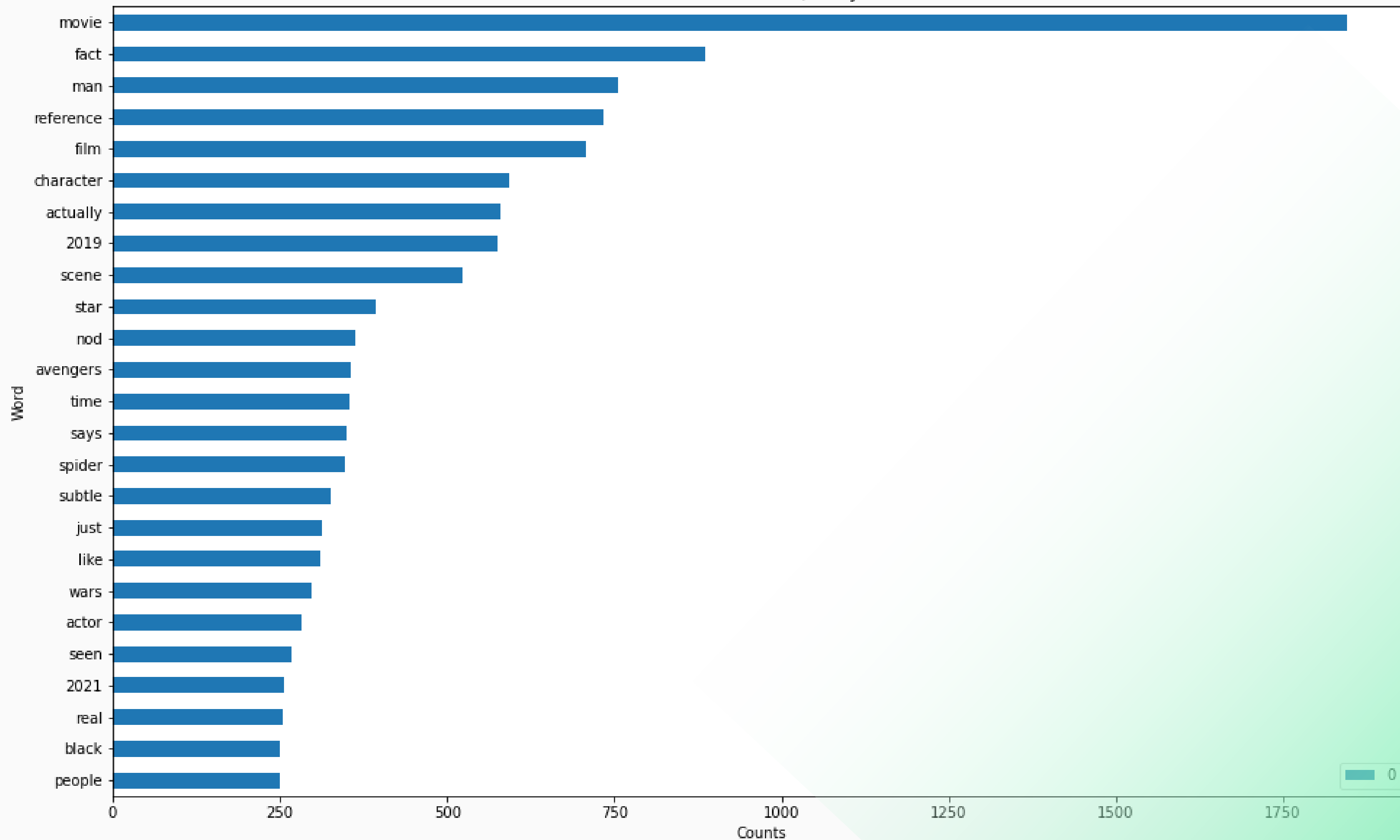
r/MovieDetails
5.51%

r/ShittyMovieDetails
6.36%

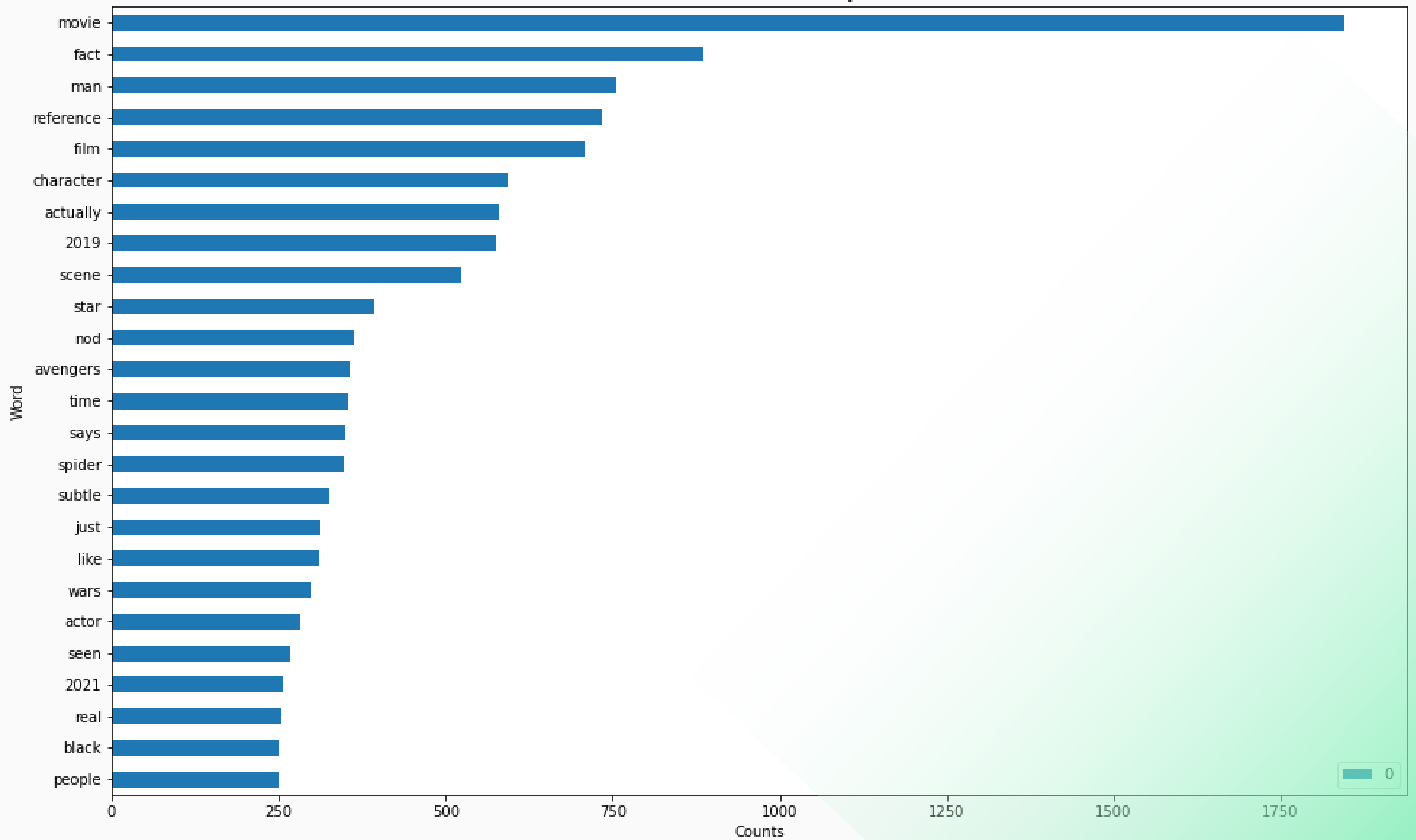
EDA



25 Most Common Words on r/ShittyMovieDetails



25 Most Common Words on r/ShittyMovieDetails



1. *Older Years*

`r/ShittyMovieDetails` usually mentions much more recent movies than `r/MovieDetails`

2. Subtle Nod

Both use reference while only `r/ShittyMovieDetails` uses 'subtle nod'

Takeaways

09

Models

MultinomialNB

Random Forest

XGBoost

Modeling

Logistic
Regression

METRICS

Accuracy:

0.8165

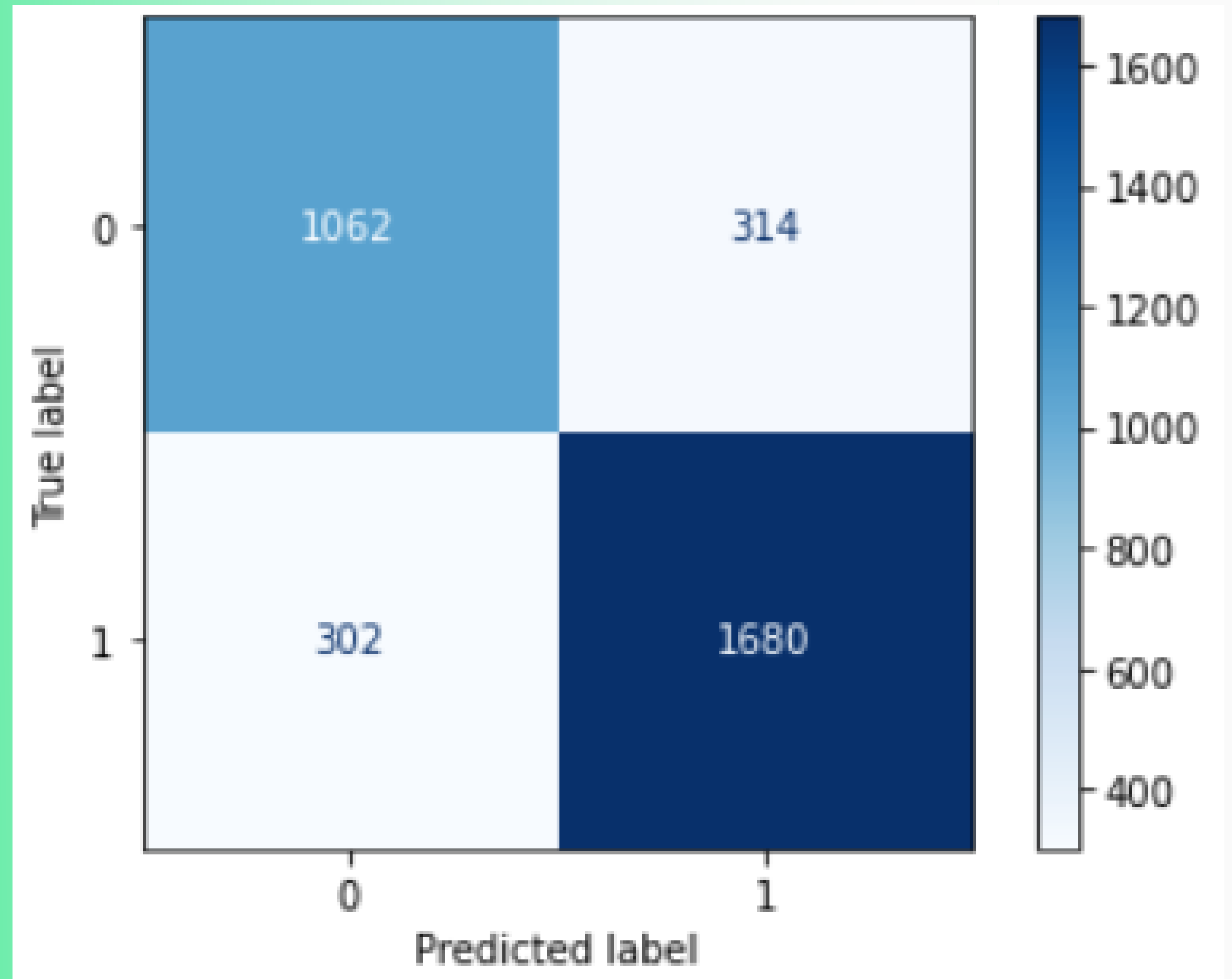
Specificity:

0.7718

Precision:

0.8425

Recall: 0.8476



r/MovieDetails



NOTICED COMMENTS 1998 SIMILAR 1987
SHIRT 1983 CREDITS COMICS 2018
THROUGHOUT PLATE 1990 OPENING WHEN
DURING 2017 AMP ELSE ACROSS BEHIND
TWO HAND SHOT 2003

r/ShittyMovie Details



FACT BECAUSE SUBTLE TITLE SHIT
FUCKING DESPITE ROLE AUDIENCE CAST
THIS HOURS FRANCHISE ACTORS ACTOR
SHITTY NOTHING SEQUEL TITANIC
FILMING US MOVIE MEANS PROTAGONIST
ACTUALLY

STEPS FOWARD

Expand
Dataset



Weighing
Posts by
Score



Try in New
Environments

Thank you!

Questions and Comments