



BOOKS VS MOVIES

Presentation by:

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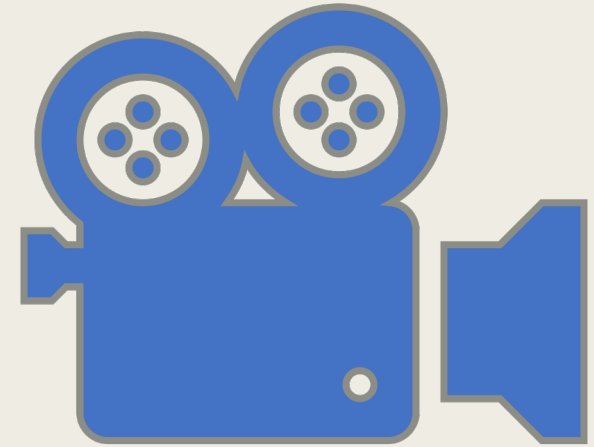


A STORY FROM A
BOOK I WOULDN'T
READ, BUT I WOULD
WATCH THE MOVIE OF.

Movies News and Discussion

- News on new movies and releases
- Discussion on major motion pictures
- Total number of posts used in my analysis 4346

r/movies



23.8 Million Members

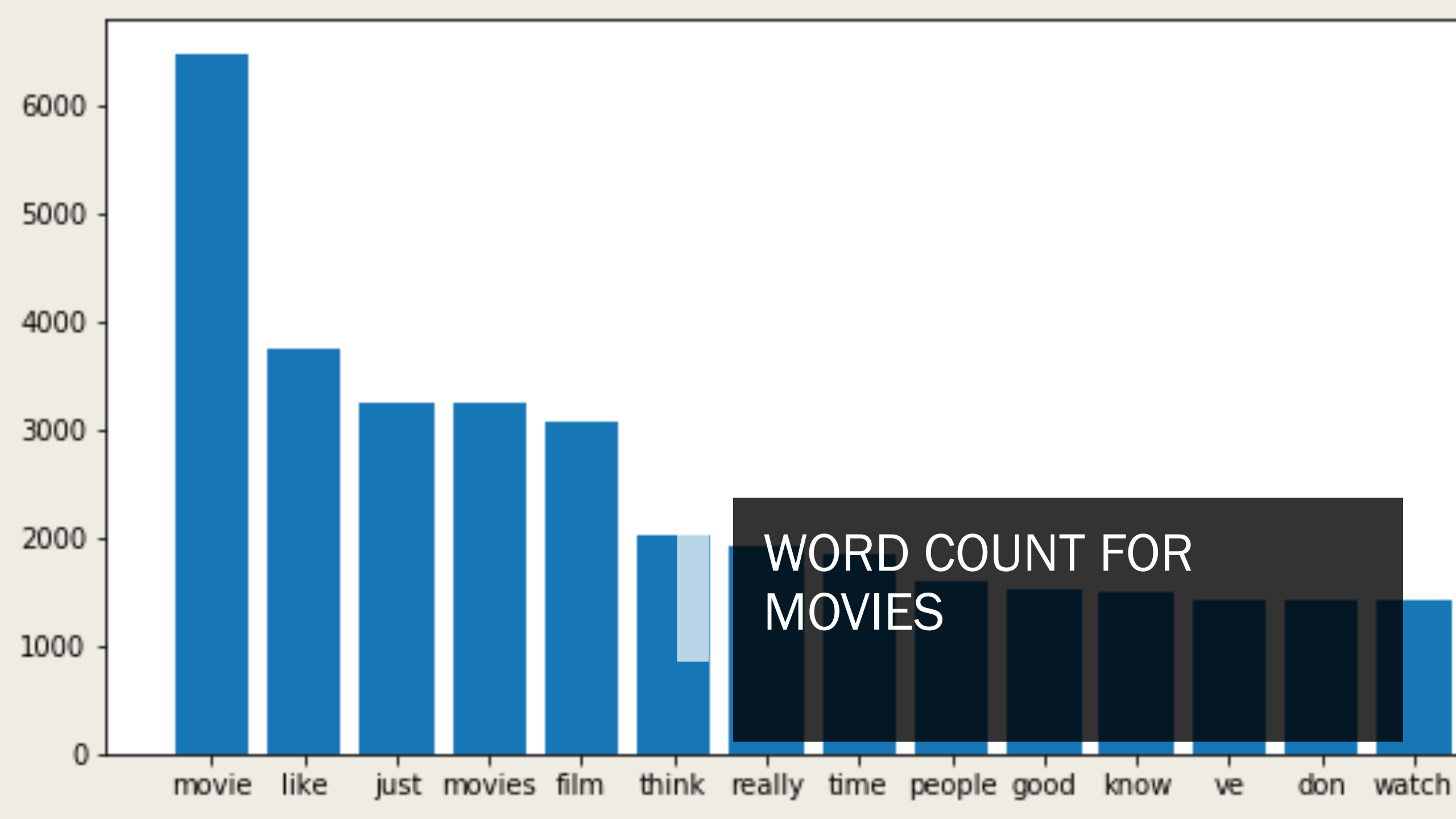


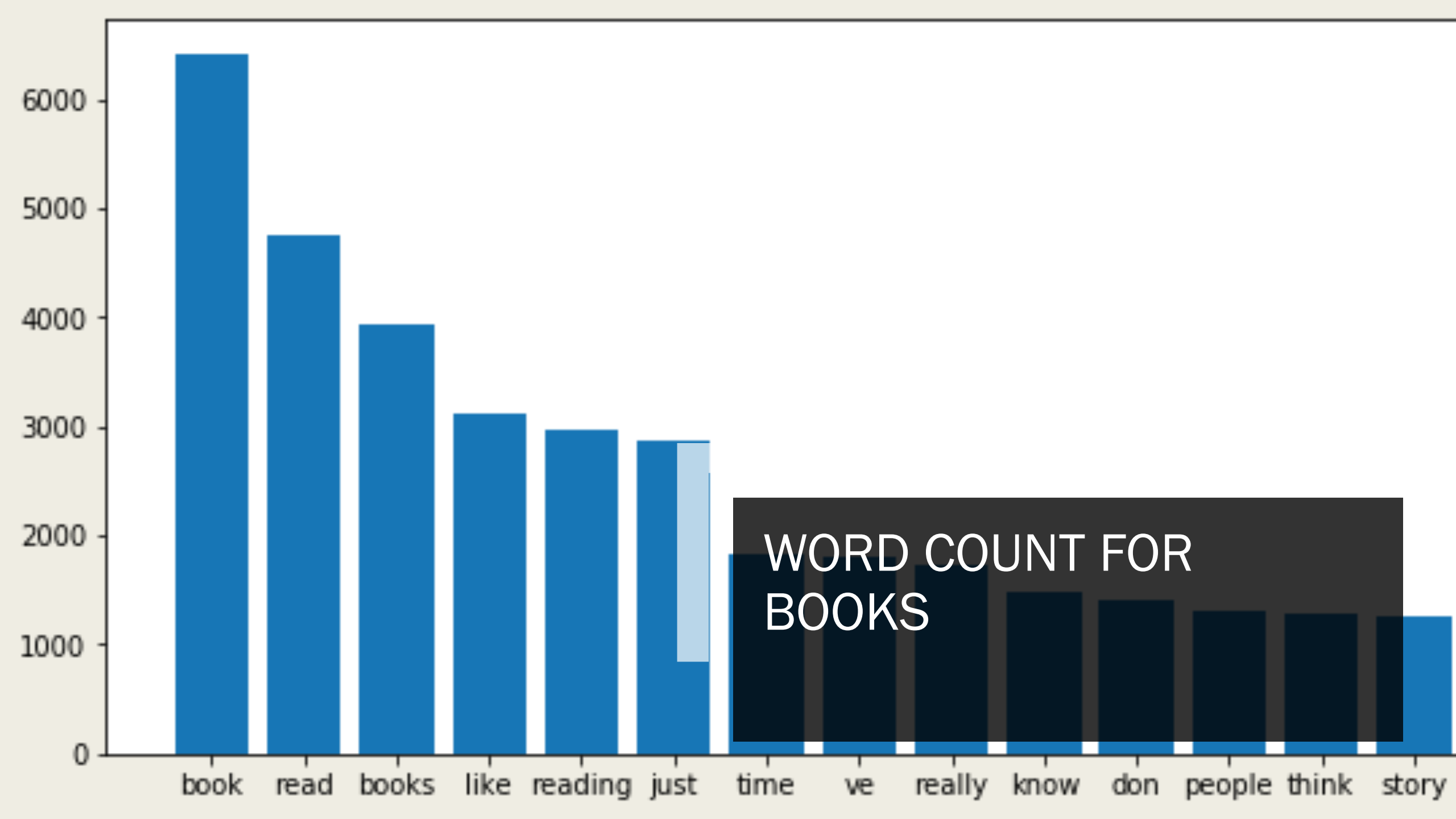
So many books, so little time

r/books

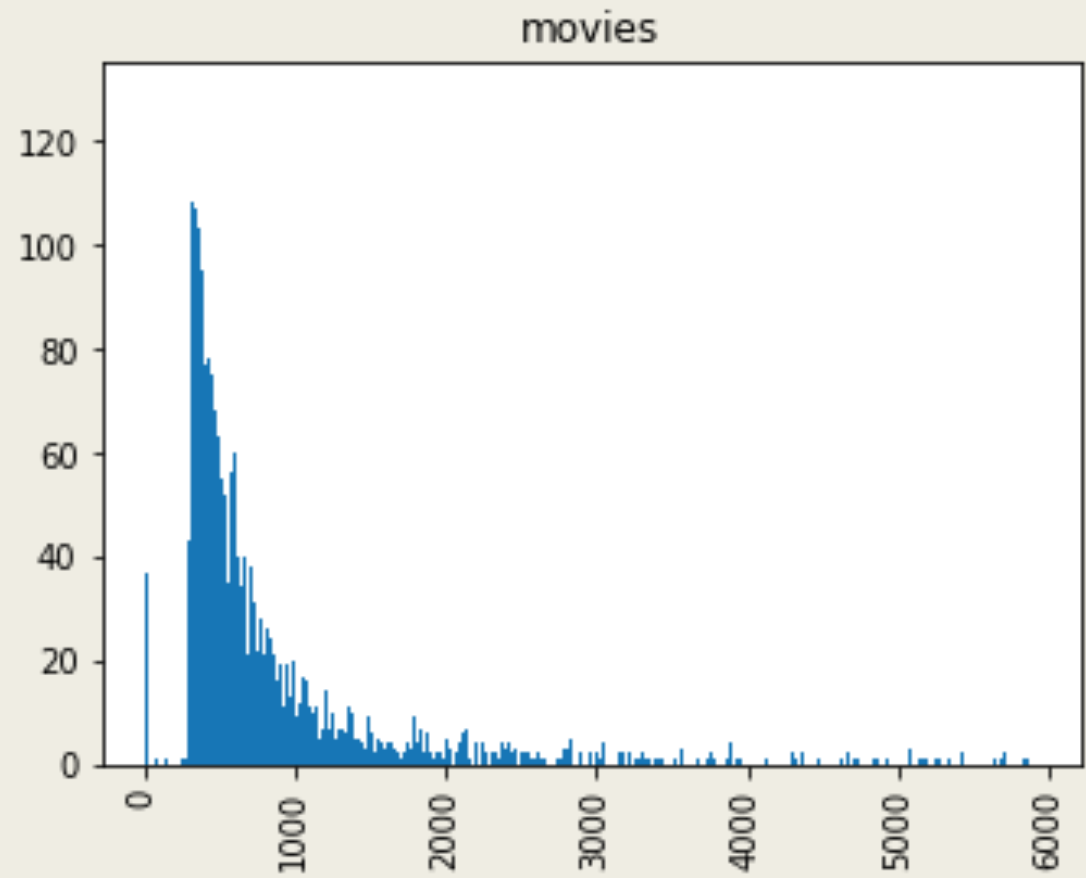
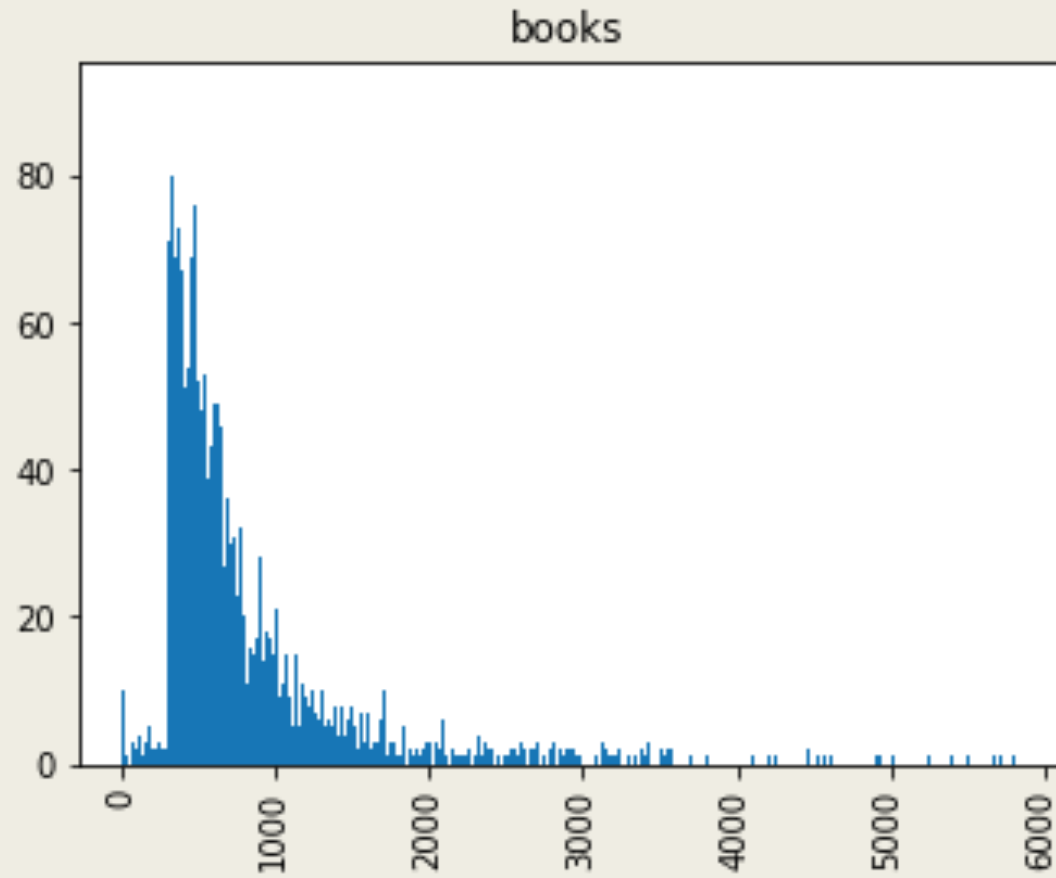
- Host a monthly book club
- Foster in depth discussion about all things related to books
- Weekly recommendations for books to read
- Total number of posts used in my analysis 3828

18.5 Million Members

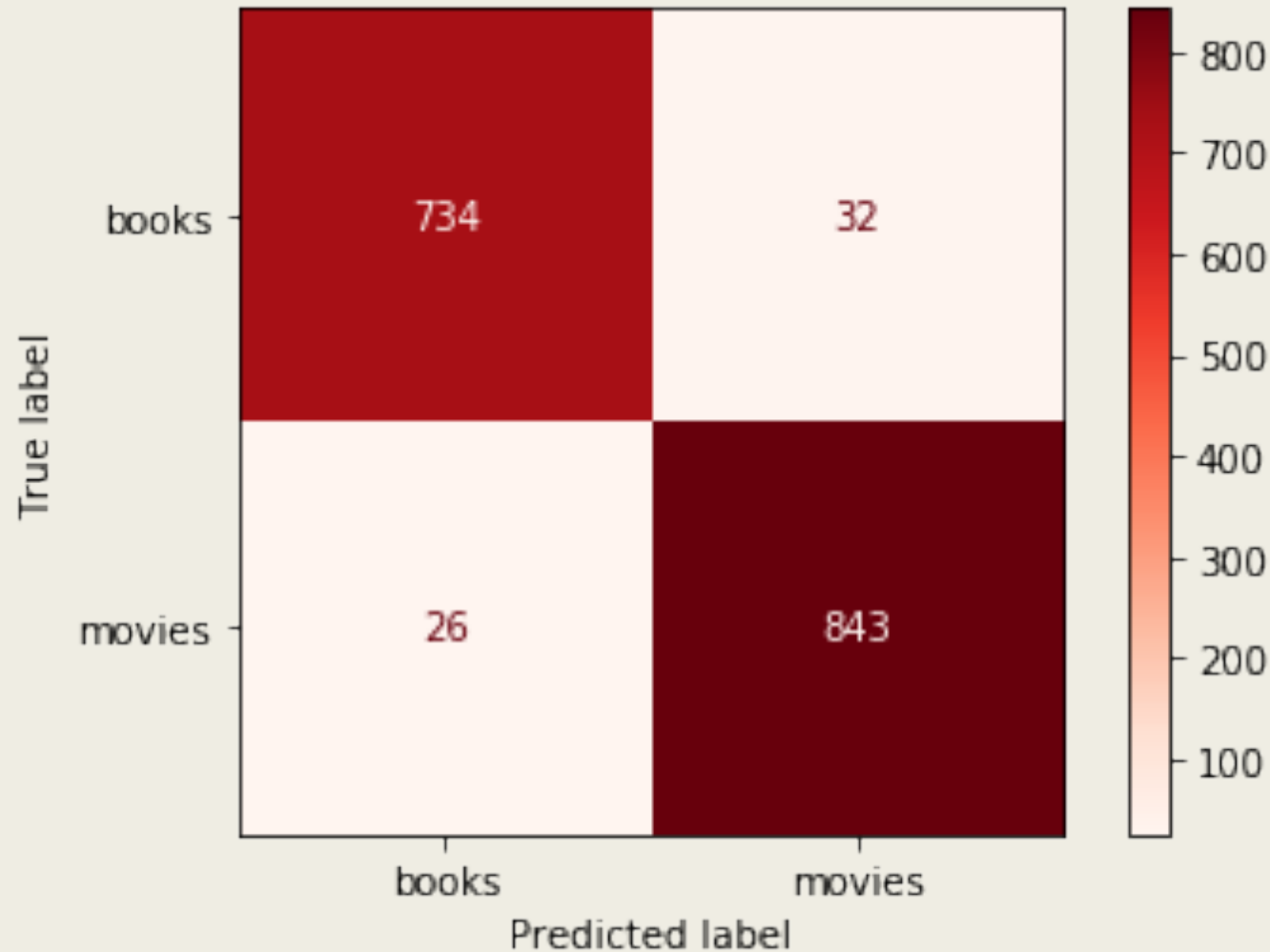




COMPARING THE DATA



Random Forest Classification



FIRST
RUN

96%
ACCURATE

Stop Words

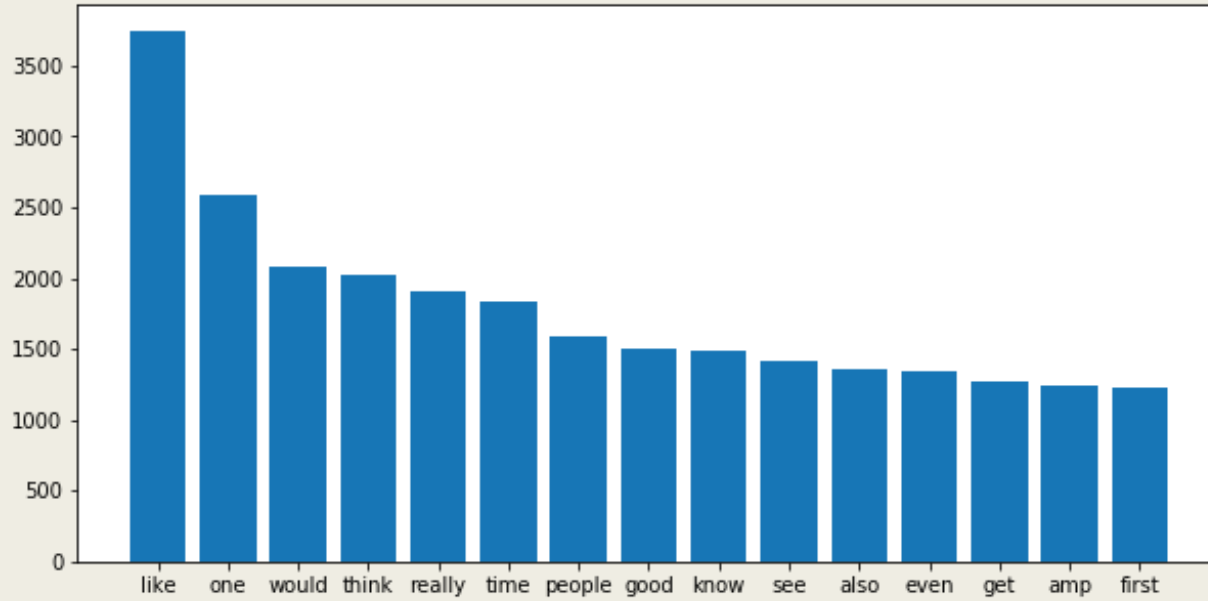
■ Example with Stop Words

- *The movie is one of my favorite things ever, I've probably watched it dozens of times and watch it again every time it's on.* I read the book mostly because I wanted to see how it compared to the movie and I have to say I'm pleasantly surprised at how good it was.

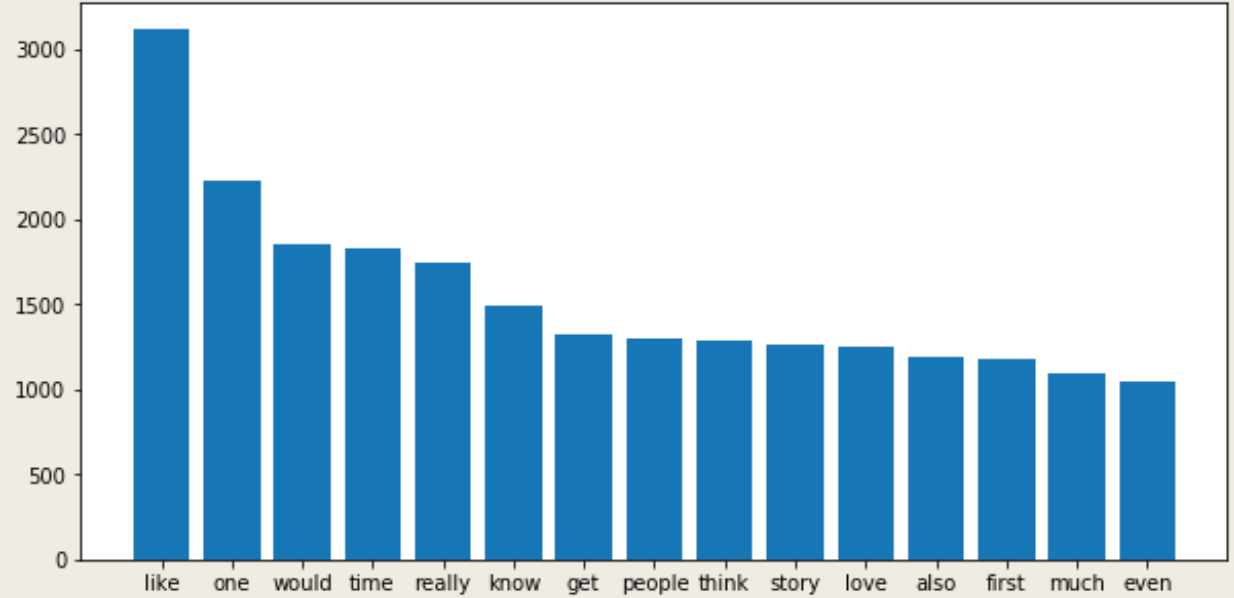
■ Example without Stop Words

- _____ favorite things ever, _____ probably _____ dozens _____ times _____ every time _____'s _____. _____ mostly _____ wanted _____ compared _____ say _____'m pleasantly surprised _____ good _____.

Word count for Movie

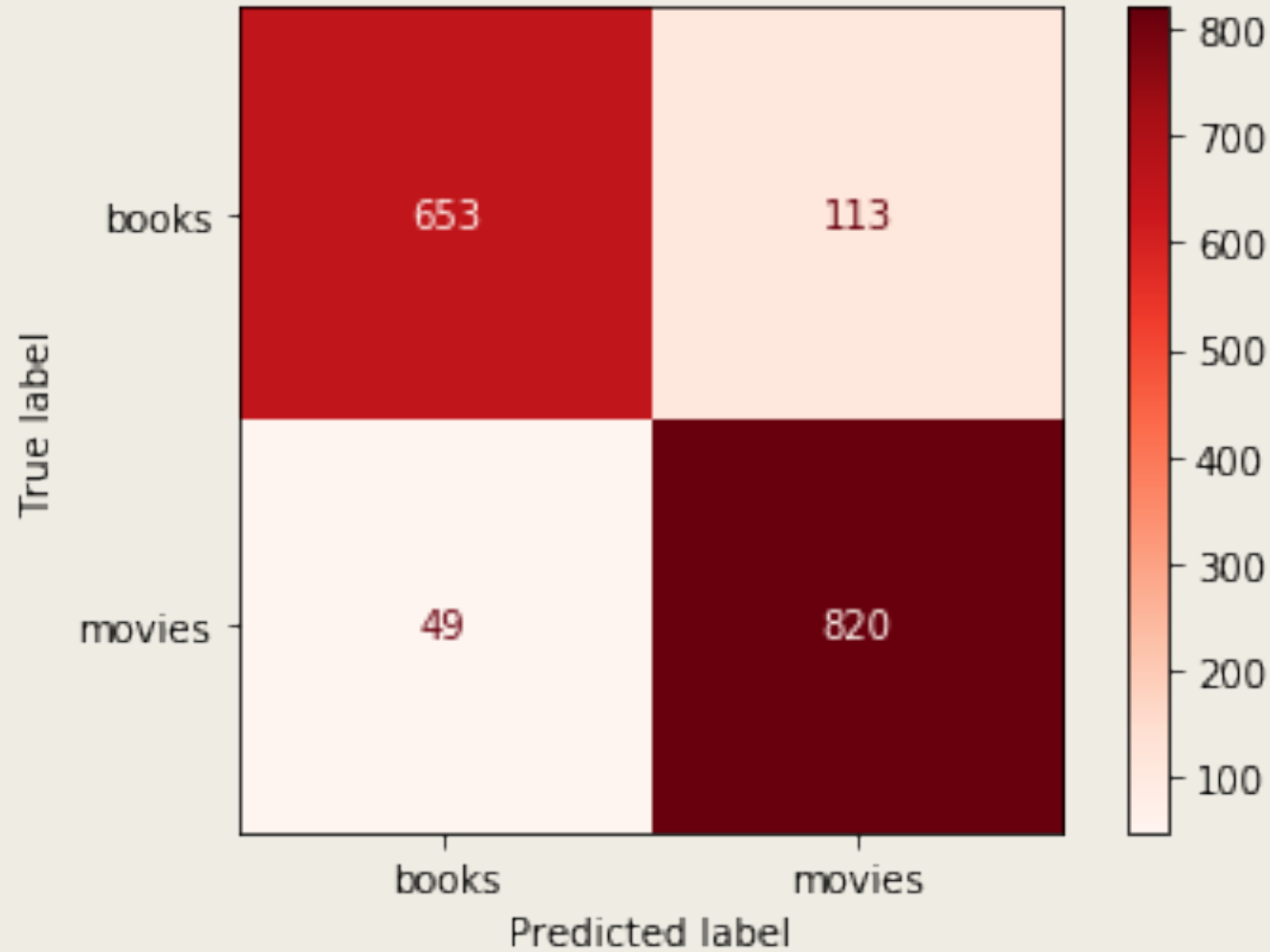


Word count for Books



REMOVING STOP WORDS

Bayes Classifier



FINAL
RUN

90%
ACCURATE