

Negative Responses toward Repetitive Comments

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Introduction

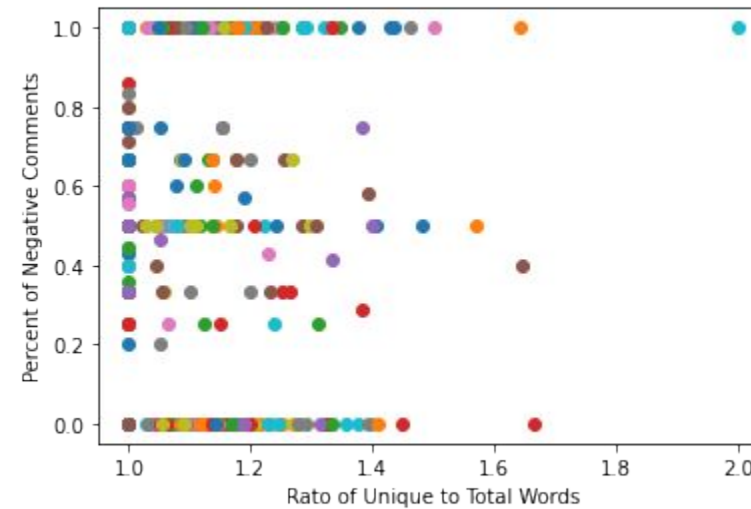
Choosing your words online can be difficult. You must have something to say, and you must say it well. Repetitive comments can be annoying to read and, as we've found, that annoyance can present itself in the form of negative replies.

Methods

- Data acquired from reddit.com/r/politics
- Comments parsed for word repetition compared to average
- Replies analyzed for sentiment using NLTK's VADER package

Results and Conclusions

- Comments with high repetition made up 20% of those with negative responses, despite being only 2% of total comments
- Over 50% of replies to repetitive comments were negative, while the average comment had around 10% negative replies



- Comments with high repetition tend to contain profanity and provocative language, while those with low repetition tend to focus on discussion of the issue presented
- The chart shows the relationship between word frequency and negative comments: those with high repetition tend to have more negative replies

Future Research

Given the subject matter of the comments with mostly negative replies, a better predictor would likely deal with the subject matter itself, and attempt to correlate profanity, for instance, to the number of negative replies.

Top Tens

- Top ten uniquely positive words: 'learned', 'tenure', 'felt', 'proved', 'correct', 'planned', 'british', 'queue', 'snaking', 'polling'
- Top ten uniquely negative words: 'extorted', 'second', 'sanctioned', 'backed', 'wwii', 'speaking', 'german', 'ignoring', 'defeated', 'nazi'