Visualisation of social interactions in r/gradadmissions

Project Summary

This visualization project targets the collection and analysis of rejection-related posts from the r/gradadmissions subreddit, along with the comments of these posts. We aim to answer the following research questions:

What are the main themes in the replies to the rejection posts? What are some positive phrases that community members use to support each other?

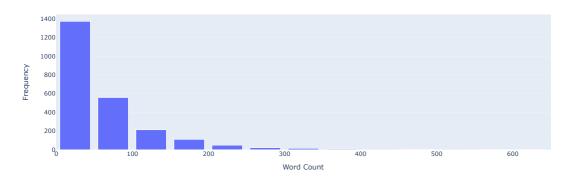
By answering these RQs, we show the unique interaction of competitors offering mutual support in graduate admissions. This endeavor seeks to shed light on the types of support, advice, and shared experiences in this online community.

Data Source

We collected data about r/gradadmissions from an online dataset, Reddit Corpus (https://convokit.cornell.edu/documentation/subreddit.html), selecting data from 2012 to 2018. We then filter all posts with the rejection mentioned in their titles. We analyze these data and create visualizations about word count per post distribution, word cloud graphs, and word frequencies by support category."

Bar Graph

Word Count Per Post Distribution



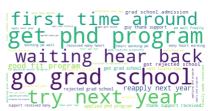
Unigram Word Cloud

experience could might time are a second think also apply and the country of the

Bigram Word Cloud

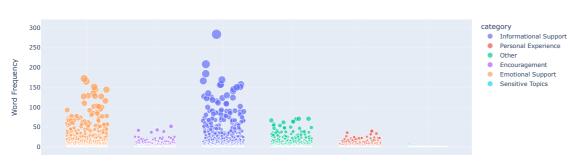


Trigram Word Cloud



Bubble Graph

Word Frequencies by Support Category



127.0.0.1:5000