

CS467 Social Visualization /rgradadmissions

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Introduction

- Analyze r/gradadmissions rejection posts and comments for key themes.
- Examine community support, advice, and shared experiences.
- Reveal insights on coping mechanisms and sentiment toward academic rejections.
- Investigate online interactions around negativity.



Motivation

- Dynamics of competition and support in the subreddit
- Exploring the ratio of positivity and negativity
- Composition of the community's support to rejections

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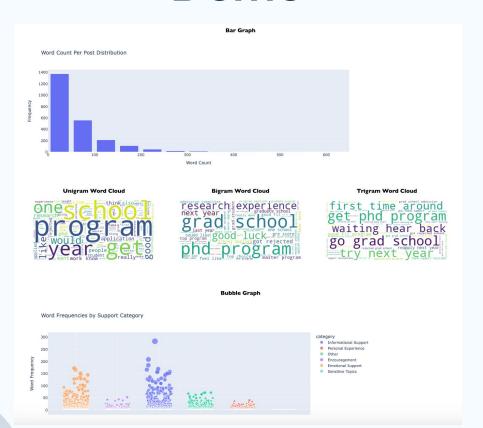
Research Question

By visualizing /rgradsubmissions, we aim to answer the following questions:

- What are the main themes in the replies to the rejection posts?
- Which aspects of support is mostly provided, as in informative, or emotional support?
- What are some positive phrases that community
 members use to support each other?



Demo















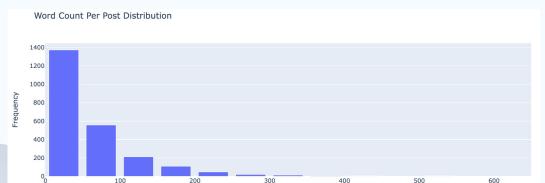
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Results

Histogram Of Words Per Response:

The majority of the posts have a word count of fewer than 50 words.

The distribution is **right-skewed**, indicating that while shorter posts are common, there are still a number of longer posts, o though they are less frequent.





Word Clouds:

 Bigram combinations like "grad school," "next year," "good luck," and "phd program" indicate conversations that involve planning for the future, encouragement, and specific discussions around graduate and PhD programs.





Word Clouds:

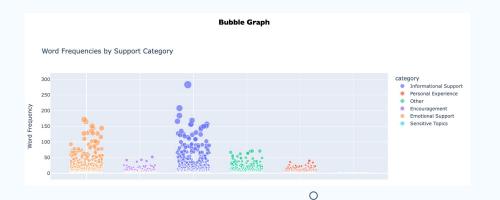
- The presence of supportive phrases like "good luck" suggests a positive tone in the community interactions.
- The phrase "waiting hear back" could indicate discussions about waiting for responses from programs which shows people that use the subreddit are mostly in the waiting for decisions phase of their application.
- The phrase "try next year" shows a theme of persistence and long-term planning. Meaning that the most common advice is for applicants to apply the next year.



Bubble Graph:

• Informative support and emotional support appear to be
the most common.

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Bubble Graph:

Most common words are:

- Informational suggestions: research [experience], people, gpa, interview
- Personal experiences: year, think, applied, know, good
- Encouragement: hope, [good] luck, people
- Emotional Support: good, feel, people, know, time, think
- Sensitive Topics: anxiety, work, choice, people, think, time







THANKS

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