

INTRODUCTION

- Reddit can be used for mental health support among youth
- Past studies regarding emotional tone on mental health related subreddit discussions state conflicting findings:
- One found that across three mental health subreddits, all discussions shared expressions of gratitude (a positive emotion) for emotional support
- Another showed that negative tones were more prevalent than positive tones in mental health subreddits
- It is unknown what types of comments are found on mental health related subreddits
- It is unclear if there is a correlation between positive and negative posts and the emotional tone of comments on mental health related subreddit
- The purpose of this study was to understand the frequency of positive and negative emotions/tones of comments under positive and negative posts in the mental health subreddit

METHODS

<u>Design</u>

- Content analysis and Linguistic Inquiry Word Count (LIWC) were used
- Up to 50 of the oldest comments from two positive and two negative posts were selected (187 comments selected in total)
- Comments that were direct replies to posts, were relevant, not from automatic moderators, and contained only text were included

Content Analysis Variables

- A codebook of 5 variables was developed to sort comments that made references to:
- negative experiences
- positive experiences
- o **no experience**
- both positive and negative experiences
- emotional support/encouragement

LIWC Variables

• Using LIWC, positive emotion, negative emotion, and the overall tone of each comment was assessed

<u>Analysis</u>

- A direct comparison of the number of comments sorted under each content analysis variable was made using a chi-square test
- A direct comparison of the average of frequency of words related to positive and negative emotion of the comments was made using a T-test
- Overall emotional tone of the comments was assessed on a 0-100 point scale

Frequency of Positive and Negative Tones In the Mental Health Subreddit

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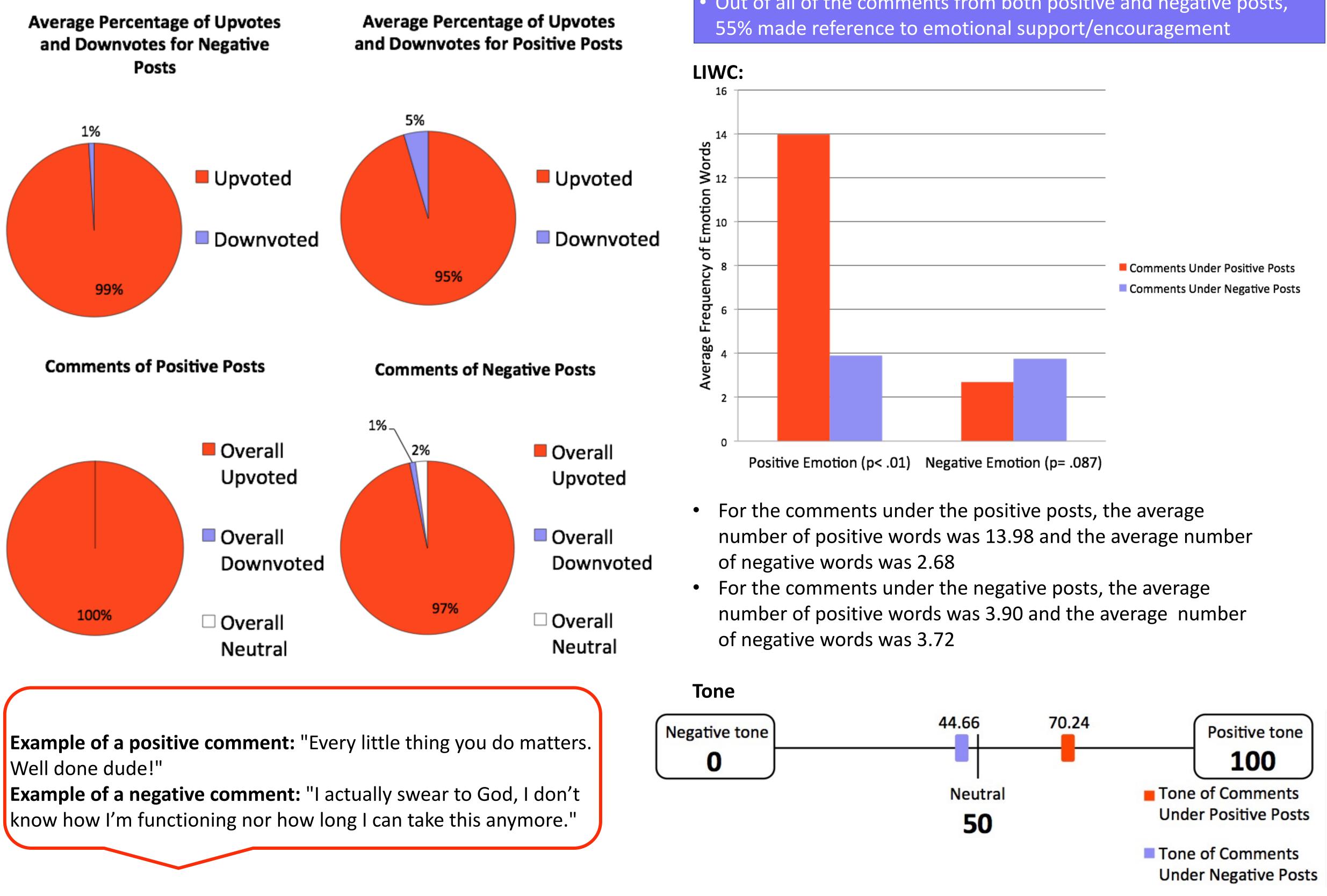
RESULTS

Sample

- 4 total posts were analyzed:
- 2 positive posts
- 2 negative posts
- 187 total comments were analyzed:
- 49 comments from Positive Post 1
- 48 comments from Positive Post 2
- 39 comments from Negative Post 1
- o 51 comments from Negative Post 2

Findings

Demographics:



p= .063

r 7

t= 3					
	Positive Experiences	Negative Experiences	No Reference to Experience	Both Positive and Negative Experiences	
Comments Under Both Positive Posts	3	17	73	4	
Comments Under Both Negative Posts	0	23	58	9	

• Out of all of the comments from both positive and negative posts,



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CONCLUSIONS

Major Findings

- There was no significant difference in the number of comments that referenced positive, negative, both positive and negative, or no experiences between the positive and negative posts
- The tone of comments under the positive posts was more positive than the comments under the negative posts
- The frequency of words related to positive emotion was higher for the comments under the positive posts than the negative posts

Limitations

- Demographics such as age, gender, and race were not known
- Sample size of both comments and posts was limited
- An unequal number of comments from each post was collected

Implications

- Reddit may be a social media platform that can be used as a source of emotional support and positivity, particularly if users are involved in positive posts and discussions
- Further studies should investigate:
- The identification of different types of positive, negative, and emotionally supportive comments
- The relationships between different types of posts (such as venting or seeking advice) and their comments

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