



# Effect of Discord-use on PIU and SCS

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## INTRODUCTION

### What is Discord?

- Discord is a recent platform that started 6 years ago and is a messaging-based platform. In this platform users create group messages called servers to communicate with others.

### What variables?

- Problematic Internet Use (PIU) and Social Connectedness are issues on most social media that users face and researchers look at.

### What is new?

- Discord being a more recent Social Media platform still has mysteries on its relationship with PIU and Social Connectedness.
- The purpose of this study is to show the changes in PIU and Social Connectedness with Discord use in comparison to non-Discord use.

## METHODS

### Setting and Recruitment

- During this survey purposeful selection occurred across Discord and Non-Discord users.
- This survey took place over 1 week. The participants were recruited through Discord, Snapchat, Reddit etc. It would be posted there and would allow people to answer the questions

### Data collection method

- The study is conducted through surveys.

### Variables

- They will be analyzed through the Problematic and Risky Internet use Screening scale (PRIUSS) and the Social Connectedness Scale (SCS).
- Eg. Choose the answer that shows how much you agree or disagree with each of the following statements.
- I feel disconnected from the world around me.
- Other Survey questions will include Age demographic Region and whether or not the user uses Discord or not.

### Analysis

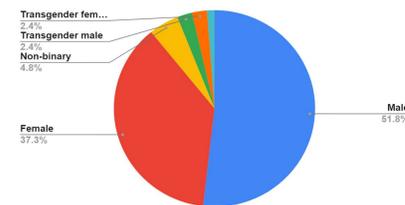
- Information was cleaned, analyzed, and kept confidential.
- Research questions were answered through answers to the survey.
- Descriptive statistics were calculated for demographic information
- Correlation was used to show the relationship between PRIUSS and SCS scores
- A chi-square test was used to compare the frequency of participants at-risk for PIU among Discord and Non-Discord users
- T-tests were used to compare SCS and PRIUSS scores between Discord and Non-Discord users

## RESULTS

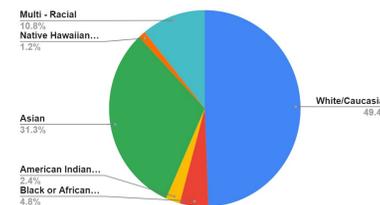
### Demographics:

83 applicants in total surveyed

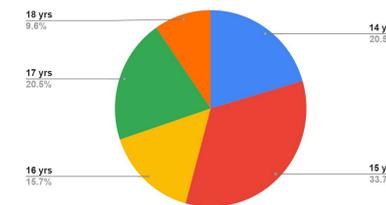
#### GENDER



#### RACE



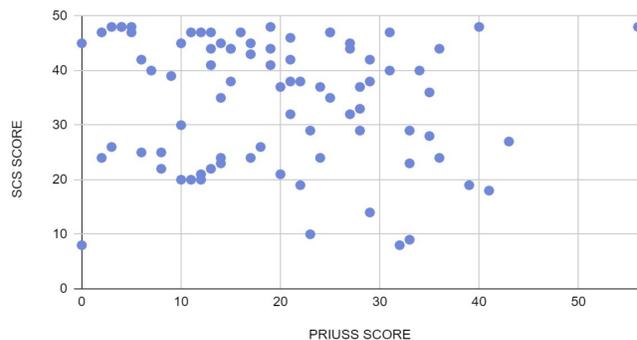
#### AGE



### SCS SCORE vs. PRIUSS SCORE:

Pearsons Correlation =  $-.111$  ( $p = .316$ )

This score represents a low amount of correlation between SCS score and PIU score

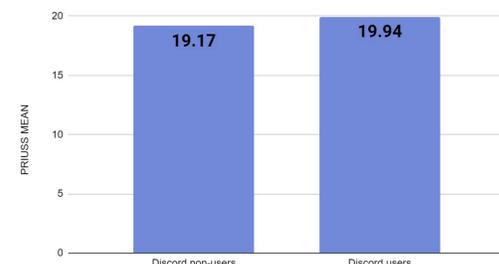


### PRIUSS MEAN vs. DISCORD AND NON-DISCORD USERS

Significance:  $p = .770$

$t = -.294$ ,  $df = 81$

This means that PRIUSS score did not differ significantly between non-Discord users and Discord users.



### RISK FOR PIU vs. DISCORD USE

Significance:  $p = .606$

$X^2 = .266$ ,  $df = 1$

This means that there wasn't a difference in the number of people at-risk for PIU between discord users and non-discord users

Percentage of people at risk for PIU: 30.12%

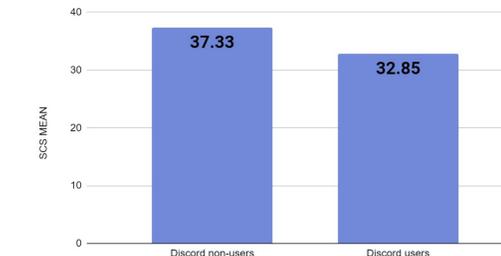
	Not at risk for PIU	At risk for PIU	total
Discord user	22	8	30
Discord non user	36	17	53
Total	58	25	83

### SCS SCORES vs. DISCORD AND NON-DISCORD USERS

Significance:  $p = .089$

$t = 1.721$ ,  $df = 81$

SCS score did not differ significantly between non-Discord users and Discord users.



## CONCLUSIONS

### Main Points

- High rate of people that are at risk for PIU
- SCS score and PRIUSS scores were not correlated
- The proportion of people at-risk for PIU did not differ between Discord users and Non-Discord users
- Average SCS and PIU did not differ between Discord and Non-Discord users

### Limitations

- Some limitations could include a common variable through the majority of people surveyed. People surveyed were all people I knew so a common variable could affect their scores on the SCS and PRIUSS
- A solution to this limitation is increasing the amount of people surveyed in this project and changing the demographic range.
- Another limitation could have arisen because not enough people were surveyed. A larger study may showcase more trends in the population and provide more information

### Implications

- This shows that Discord-use does not negatively adolescents and their use of internet
- PIU and SCS may not be as large of a concern for Discord users as there is very little difference between the scores

## ACKNOWLEDGEMENTS

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