



Research Question:

Do people who watch Short-Form Videos (SFV) frequently have less Critical Thinking Skills?

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Introduction

Short-Form Video Platforms

The rise of TikTok and increasing research on correlations between social media usage and mental health issues suggest to explore other areas where there might be an effect

The Importance of Critical Thinking Skills and the Research

Critical Thinking describes the ability to analyse and evaluate information in a logical and systematic way which will influence the decisions an individual makes and its ability to solve problems

Methods

Survey

Around 15 minutes to complete
Self evaluation scale
Critical thinking questions

Recruitment Procedure

online survey, sent to students of UM (89%)
66% female, 33% male
88% between 18-24

Measures

- 20 item scale to measure critical thinking in everyday life
- 3 Questions regarding logical reasoning
- Demographic questions

Results

We obtained 93 survey responses, of which 49 were removed, and thus 44 responses remained.
Three tests were performed: The **Wilcoxon rank sum**, **comparing gender and time spent on social media**, and **bivariate correlation**, to analyse logical reasoning and critical thinking in relation to social media usage.
Wilcoxon rank sum reported a significant P-Value, but the correlation tests did not.



Future

Future research could use our study to repeat with more participants
Even though our results were insignificant, further investigation may be relevant to better understand the complex dynamics of social media and the effect that they may have on us.



Conclusion

Even though there was a **small negative trend**, no significant relationship between critical thinking skills and short-form video usage could be detected. We therefore cannot make any statements about a potential correlation

Some Remarks

- The sample size is limiting and too small to derive a proper conclusion. However, some insights can be considered.
- Males and females spend the same amount of time on social media.
 - The higher the time spent on social media is, the less likely it is for a person to apply logical reasoning and critical thinking in everyday life.

