

Final class 4.3 - Article analysis

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Instructions

Please answer the following questions regarding [this study about note-taking](#). You will need your VPN on to access the study online.

Objective of the study

- Summarize the larger issue that the article is trying to understand.

Study protocol

- Please describe how the data is collected, what the sample size is, the specific response variable definition, what predictor variables were measured, and a summary of the non-response.
- What problems, if any, do you see with this study given the study protocol?

- Does the protocol provide a good test of the hypotheses? Why or why not?
- Do you agree with how the variables are defined to match the study concepts?

Summary data

- What does the summary data indicate about the hypotheses?
- How easy is it, in your opinion, to generalize the result of this sample to other situations and contexts?

Inference Analysis

- What do the results of t-tests in Table 3 tell you?
- Are the conditions for regression met for Table 5?
- Interpret the coefficients in Table 5 - is the magnitude of the coefficients large or small? What are the units?
- Can you think of any lurking variables missing from these regressions?

Discussion and conclusion

- Do you feel the discussion and conclusion did a good job summarizing the statistical results?
- How serious do you think the limitations of this study are?

Additional questions

- What are some areas that you felt the author(s) of the study were unclear on?
- What connections between the results and the argument were unclear?
- Write around 5 additional questions you still have after doing a careful analysis of the article.