

Assignment 8: Implementation and analysis

Sociology 204: Social Networks

Due: Wednesday, November 17, 2021 at 11am.

Please upload your homework to Canvas.

Now that you have a pre-registered experiment, you should begin the study.

Each day the study is running, you should measure all the outcomes described in your pre-analysis plan. If you want to stop the experiment at any time, you are free to do so and switch to the alternative assignments. There is no penalty in any way for stopping your experiment.

Each day the experiment is running you should:

- 1) Collect the outcome data described in your pre-registration (assignment 7).
- 2) Answer the following questions:
 - a) "How do I think this treatment is impacting me?" (about 1 paragraph per day)
 - b) On a scale of 1 to 5, where 1 is easy and 5 is very hard, how hard is it for me to continue this treatment?
 - c) Did I successfully adhere to the treatment? If you cheated, please note that.

Here's a template you can use for daily data collection: <https://docs.google.com/document/d/11ieJ2NdjSx1G2kwZQF-B9oUFUV3L09y5AepLy6PKhDw/edit?usp=sharing>

Once the experiment is complete, please submit your response on the analysis template below. You should not submit your raw data.

PUID#: _____

Restate your intervention:

Restate your hypothesis:

Answer these questions in a few sentences each:

- 1) Does your data and experience support your original hypothesis/hypotheses? Be specific.
- 2) If you were going to redesign and re-run this experiment what changes would you make?
- 3) Did you notice anything unexpected that you'd like to test in future self-experiments?
- 4) How hard was it to stick to the treatment? Be specific and use data.
- 5) This experiment was not double-blind or even single blind. How, if at all, do you think your own knowledge of the experiment and its goals impacted your behavior and the outcomes?
- 6) How, if at all, do you think this experiment will change how you use social media in the future?

We will assess your responses using the following rubric.

Good answers will:

- Respond directly to the question
- Be clear and specific, using data as appropriate
- Avoid including unnecessary information
- Be easy to read and will not include typos or grammatical errors

100: all good answers

90: mostly good answers

80: many good answers

70: a few good answers

Alternative assignment 8

Kross et al. (2021) (“Social media and well-being: Pitfalls, progress, and next steps”) includes a list of outstanding questions on page 63. Pick one of these questions. Review and summarize the research addressing one of these questions, and then suggest some ways that this research could be advanced. Your write-up should be no more than 3 pages.