

Assignment 4: Experiment with Data

PSYC 4541/5541 Modern Psychometric Methods with R

Lew Harvey

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Assignment

Find a journal article that describes an experiment that you find interesting that involves data analysis that you would like to understand more thoroughly. A good approach is to examine our textbook for topics that interest you and look at the papers that are referenced. You may also refer to a project you are already involved with and data you have already collected in the context of the journal article you have found.

Presentation

Each of you will make a presentation of the project or journal article to the rest of the class. The presentation will have the following components:

1. The main question the paper/project is designed to answer.
2. The type of data and the form it is in.
3. The kind of data analysis they did or you want to do and why.
4. Discussion of how to carry out this analysis
5. What you expect to find.

Tips

- Keep it simple so that we all can understand the experiment.
- Avoid jargon
- Try to explain the rationale for analyzing the data and how to overcome problems

Presentation Schedule

I'll post a sign-up schedule starting next Monday, 17 February 2020. The idea is that for the next two weeks one of you will make a presentation during class time.