Project and Midterm

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January 2, 2023

Project

The days of the presentations will be:

→ November 17 (depending on # of groups)
→ November 29
→ December 1

*order of presentation will be randomly assigned among groups

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There are two components of the project:

(1) Presentation: either using powerpoint, beamer, or Rmarkdown slides. 15min long, states your question, data, findings, and conclusion, as if you were presenting your results to your boss.

(2) Write-up: using Rmarkdown, like our homework but very polished with pretty figures and descriptive prose. Like the beginnings of an academic paper.

*breakdown: 25% (1) + 75% (2)

Project

- The project will revolve around a question of interest to **you**!
- You can either replicate an existing paper or answer your own empirical question using data that you figure out how to find and the tools we've learned in this class.
- If you choose replication, I expect your numbers will exactly match the published paper and it is fully replicated. If you choose your own question, you are free to analyze the data how you wish.

Important dates:

Oct 27 – group formation (≤ 3 people) and project approval
Nov 17, Nov 29, Dec 1 – class presentations
Dec 5 – project write-ups due

Project

- Start thinking about your project and finding data soon! **This will often take the most time**

- Feel free to ask me questions as you start to formulate your question of interest

Midterm

75min, in class on **Oct 20** (blue book)

T/F & free response type questions on the causality through prediction sections of the course

There will not be code-writing. Instead, there might be blocks of code for you to interpret

For studying, focus on the big pictures concepts (e.g., random assignment, confounding, bootstrapping, & conditioning). Any derivations requested will be simple. Go through slides, readings, & homeworks