Project and Midterm

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February 28, 2023

Project

The days of the presentations will be:

$\rightarrow$ April 13 (depending on # of groups)
$\rightarrow$ April 18
$\rightarrow$ April 20

*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**!

Important dates:

Mar 21 – group formation ($\leq$ 3 people) and project approval
Apr 13, Apr 18, Apr 20 – class presentations
Apr 27 – project write-ups due

– 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

75min, in class on **Mar 9** (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