

500 Class 11

<https://thomaseLove.github.io/500-2024/>

2024-04-04

Today's OSIA Presentations

1st Reader	2nd Reader	Manuscript
Anya	Lent	Hynes DM 2023 Risk of Suicide-Related Outcomes After SARS-COV-2 Infection: Results from a Nationwide Observational Matched Cohort of US Veterans , with supplement <i>JGIM</i>
Akhil	Sara	Lysyakov M and Viswanathan S 2023 Threatened by AI: Analyzing Users' Responses to the Introduction of AI in a Crowd-Sourcing Platform with supplement <i>Information Systems Research</i>
Seth	Ava	Xu J et al. 2023 Timing of vasopressin initiation and mortality in patients with septic shock: analysis of the MIMIC-III and MIMIC-IV databases <i>BMC Infectious Diseases</i>

Discussion of Project Updates

Details to come.

Rosenbaum Postscript, Glossary

Postscript: Key Ideas, Chapter by Chapter

Glossary: Average Treatment Effect, Boxplot, Causal Effect, Complier
Average Causal Effect, Covariate, Instrument, Natural Experiment,
Observational Study, Propensity Score, Quasi-experimental Device,
Randomized Experiment, Sensitivity Analysis

Rosenbaum: Further Reading

- Angrist and Krueger 1999 [Empirical Strategies in Labor Economics](#)
- Cox and Reid 2000 [The Theory and Design of Experiments \(pdf\)](#)
- Gerber and Green 2012 *Field Experiments* [Chapter 1 \(pdf\)](#), [Review from World Bank](#)
- Hernan and Robins 2010 (or the related [Causal Inference: What If? preprint pdf](#))
- Imbens and Rubin 2015 *Causal Inference* [Review from World Bank](#)
- Morgan and Winship 2014 *Counterfactuals and Causal Inference* and see [The Estimation of Causal Effects from Observational Data, 1999](#)
- Reichardt 2019 *Quasi-Experimentation* [excerpts at Google Books](#)
- Rosenbaum 2017 *Observation and Experiment* (see our Shared Drive)
- Rutter 2007 [Identifying the Environmental Causes of Disease \(pdf\)](#)
- Shadish, Cook and Campbell 2002 *Experimental and Quasi-Experimental Designs for Generalized Causal Inference* [excerpts at Google Books](#)

Reminders for Next Week

See the [Class 11 README](#)

Project Presentations from Jesse, Akhil, Morgan, Orsino, and Sriram

- Speakers: Your slides and abstract need to be posted to our **Shared Drive** by Noon on the day **before** your presentation. (Wednesday 2024-04-10 at Noon.)
- No Zoom for the rest of the semester's classes, and no additional slides after today.
- Evaluation form for project presentations will be made available, and linked at each class README.