

Research Designs for Causal Inference

Spring 2017

Day 1

12.15-14.00: Introduction, potential outcomes, and randomization (AK)

14.15-16.00: Diff-in-diff and panel strategies (NJ)

Day 2

9.15-11.00: Instrumental variables (NJ)

12.15-15.00: Peer and neighborhood effects (AK)

15.15-17.00 Lab session (NJ)

Day 3

10.15-12.00: Regression discontinuity (NJ)

14.15-16.00 Lab session (NJ)

Homework:

Referee reports.

Day 4 :

Suggestions

12.15-14.00 GIS for causal inference (AK) or one of the alternative below.

Alternatives:

The epidemiological approach.

Mediation analysis: How to correctly model intermediary variables?

Or something else that you want to cover.

14.15-16.00: Synthetic control groups (NJ)

16.15-17.00 Lab session (NJ)

Day 5

9.15-12.00 Discussion of referee reports (AK).

13.15- 17.00 Mandatory presentation of research proposal (AK).

For time schedule please see:

<https://www.uio.no/studier/emner/sv/iss/SOS4021/v17/timeplan/index.html>