Advanced Topics in Causal Inference

Instructor: Kosuke Imai imai@harvard.edu

19 May 2020 15:00 – 17:00
20 May 2020 15:00 – 17:00

Organised by Miriam Golden (SPS) together with Annabelle Wittels and Eleanor Florence Woodhouse (Max Weber Fellows)

Contact: Monika.Rzemieniecka@eui.eu

Register online

Course Description: This short course will study two topics: (1) matching using time-series and cross-sectional data and (2) causal inference with spatio-temporal data.

Readings:

Kosuke Imai, In Song Kim, and Erik Wang, "Matching Methods for Causal Inference with Time-Series Cross-Sectional Data," Jan. 4, 2020

Georgia Papadogeorgou, Kosuke Imai, Jason Lyall, and Fan Li, "Causal Inference with Spatio-Temporal Data: Estimating the Effects of Airstrikes on Insurgent Violence in Iraq," 2020.

Exercises:

Go through this example carefully and understand all the details about PanelMatch:

https://cran.r-project.org/web/packages/PanelMatch/vignettes/using_panelmatch.html

Questions:

Post questions before 15:00 on May 20 at:

https://github.com/insongkim/PanelMatch/issues