**Causal Inference and Public Policy in Europe**
**MA Seminar, Summer 2024**
**SM Applied Theories and Methods Political Science I**

This version: 25 June 2024

Classes: Wednesdays 14:00 – 15:30, all semester

Instructor:
Dr. Jens Wäckerle
Cologne Center for Comparative Politics (CCCP)
Email: jens.waeckerle@uni-koeln.de
Zoom Office hours: By appointment through the link on ILIAS

# Course Description

Social Sciences have undergone a "causal revolution" in the last few decades. The need to find reliable answers for important questions such as "Do higher minimum wages increase unemployment?" or "Do violent protests reduce support for a social movement?" has led researchers to develop a rigorous toolkit of methods and techniques to understand the causal relation between X and Y. As such, the course builds on introductory courses in quantitative methods and allows students to further develop their skills.

This course starts with the main contemporary theoretical framework behind current causal analysis in social sciences, the potential outcomes framework. We talk about how causal relations are understood in terms of counterfactuals, and the assumptions necessary to identify causal effects, as well as common challenges and pitfalls. The course focuses on statistical inference for the analysis of public policy across a wide range of contexts, and covers issues related to the design, implementation, and evaluation of policy changes. Technical aspects will focus on computational approaches and real-world challenges.

The course is split in substantive weeks and lab weeks, the latter applying the principles that are discussed in the former. Students are expected to work through the underlying principles of causal inference methods, critically engage with research applying them, and learn to conduct their own analyses.

# Learning Objectives/General Skills:

- Students develop an understanding of how to model cause-and-effect relationships and develop counterfactual scenarios.
- Students gain experience using computational methods to evaluate and predict the impacts of policies, interventions, and events, while learning to avoid common pitfalls.
- Students expand on their knowledge built in the introduction to quantitative methods course and learn to apply advanced quantitative techniques.

- Students are prepared to complete their own research projects autonomously with the help of the software R.

# Prerequisites

Students are expected to be familiar with basic statistical methods for analysis and inference (i.e., run and interpret a linear regression). You should have taken Introduction to Quantitative Methods or a similar course before starting this. Students have to have a basic familiarity with R. If you need a refresher, you can work through the self-learning tutorials on R provided in the context of the Introduction to Quantitative Methods class: https://github.com/jenswaeckerle/IntroRUzK

**Software**
All students have to have R and RStudio installed on their computers before the first class.

# Course Requirements

Students will be assessed based on the following exercises:

- **Two** reaction papers (10 points each). In most of the weeks during the semester, there are some readings that apply the causal inference methods covered in that week. During the semester, each student should pick any two articles and write a reaction paper for each. Not all readings are eligible for this, the ones that are are marked with an asterisk. The paper should be a critical evaluation of that reading, based on the lecture and other readings, focusing on questions such as: are the assumptions met? Is the method properly used, and the right one to test that theory? Are the results correctly interpreted? Are the conclusions valid, given the analyses? What parts of the analysis could be improved? The deadline for uploading the reaction paper is an hour before the class. Each reaction paper should be no longer than one page.
- **One of two** take-home assignments (20 points). Two take-home exercises will be posted during the semester, on 26 June 2024 with three weeks to complete one of them – deadline 17 July 2024, 23:55 CET. Students will be given a dataset and asked to perform analyses in accordance to methods covered in the class thus far. The length of assignments should not exceed five pages. Each student should do only one of the two.
- Final course project (50 points). For the final project, students should find data that was not used in class and use one of the methods discussed in the course to analyze it, in order to evaluate a given policy – i.e., what was the causal effect of a policy or event on an outcome? Results should be presented as an infographic, targeted at a lay audience (and not academic), with an accompanying 2-page technical memo on the data and analyses performed. The final infographics should be uploaded by 16 August 2024, 23:55 CET.
- Presentation of the final course project (10 points). In the last week of the course, all students should give a brief presentation of their infographic idea.

**Total number of points and final grade**

| Points | Grade |
|---|---|
| 0 - 49 | 5,0 |
| 50 - 54,5 | 4,0 |
| 55 - 59,5 | 3,7 |
| 60 - 64,5 | 3,3 |
| 65 - 69,5 | 3,0 |
| 70 - 74,5 | 2,7 |
| 75 - 79,5 | 2,3 |
| 80 - 84,5 | 2,0 |
| 85 - 89,5 | 1,7 |
| 90 - 94,5 | 1,3 |
| 95 - 100 | 1,0 |

**A Note on Professional Presentation**
For the one take-home assignment, I recommend you use RMarkdown. RStudio comes with a powerful authoring format called R Markdown. R Markdown documents look like a mix of a text document and R code. They enable easy creation of data analysis reports directly from R. Rather than copying and pasting into Word, your report is created automatically. R Markdown combines the core syntax of markdown (an easy-to-write plain text format) with embedded R code chunks that are run so their output can be included in the final document. R Markdown documents are fully reproducible (they can be automatically regenerated whenever underlying R code or data changes). Markdown is simple to use as it enables the use of a syntax like plain-text.

# Schedule

## Week 1: Causality and the Experimental Gold Standard

10 April 2024, 14:00 – 15:30, Room 3.40, Building 211 (IBW Building, Herbert-Lewin-Str. 2, 3rd floor)

**Mandatory readings:**

- Imbens, G. W., & Rubin, D. B. (2015). Imbens, Guido W., and Donald B. Rubin. 2015. *Causal Inference for Statistics, Social, and Biomedical Sciences: An Introduction.* Cambridge: Cambridge University Press, Chapter 1.
- Duflo, E. (2020). Field experiments and the practice of policy. *American Economic Review*, *110*(7), 1952-1973. DOI: 10.1257/aer.110.7.1952 https://www.aeaweb.org/articles?id=10.1257/aer.110.7.1952

# Week 2: What to do when we can't experiment? Introduction to matching

17 April 2024, 14:00 – 15:30, Room 3.40, Building 211 (IBW Building, Herbert-Lewin-Str. 2, 3rd floor)

**Mandatory readings:**

- Ho, D. E., Imai, K., King, G., & Stuart, E. A. (2007). Matching as Nonparametric Preprocessing for Reducing Model Dependence in Parametric Causal Inference. *Political Analysis*, *15*(3), 199–236. https://doi.org/10.1093/pan/mpl013
- Cunningham, S. (2021). *Causal inference: The mixtape*. Yale university press. Chapter 5, sections 5.3 and 5.4. The book is available online for free here: https://mixtape.scunning.com/05-matching_and_subclassification

**Additional readings:**

- Guill, K., Lüdtke, O., & Köller, O. (2017). Academic tracking is related to gains in students' intelligence over four years: Evidence from a propensity score matching study. *Learning and instruction*, *47*, 43-52. https://doi.org/10.1016/j.learninstruc.2016.10.001
- Kelley, J. (2011). Do international election monitors increase or decrease opposition boycotts?. *Comparative Political Studies*, *44*(11), 1527-1556. https://doi.org/10.1177/0010414011399885

# Week 3: Lab for Matching

24 April 2024, 14:00 – 15:30, Room 3.40, Building 211 (IBW Building, Herbert-Lewin-Str. 2, 3rd floor)

**Mandatory readings:**

* Arrington, N., Bass, L., Glynn, A., Staton, J. K., Delgado, B., & Lindberg, S. I. (2021). Constitutional reform and the gender diversification of peak courts. *American Political Science Review*, *115*(3), 851-868. https://doi.org/10.1017/S0003055421000071
  Replication: https://doi.org/10.7910/DVN/RHPSZD
  Check *APSR_women_highcourts_jan_27_2021.R*:
  https://dataverse.harvard.edu/file.xhtml?fileId=4345835&version=1.0
* Mendelberg, T., McCabe, K. T., & Thal, A. (2017). College socialization and the economic views of affluent Americans. *American Journal of Political Science*, *61*(3), 606-623.https://doi.org/10.1111/ajps.12265
  Replication: https://doi.org/10.7910/DVN/FS90RJ
  Check *ajpsreplication.R*, column4 :
  https://dataverse.harvard.edu/file.xhtml?persistentId=doi:10.7910/DVN/FS90RJ/TIPLYJ&version=1.1

**Additional examples:**

McMurry, N. (2022). From Recognition to Integration: Indigenous Autonomy, State Authority, and National Identity in the Philippines. *American Political Science Review*, *116*(2), 547-563. https://doi.org/10.1017/S0003055421001039
Replication: https://doi.org/10.7910/DVN/VW1GDD
Check *bgy_matching.R*:
https://dataverse.harvard.edu/file.xhtml?fileId=4987022&version=1.0

Ichino, N., & Nathan, N. L. (2013). Do Primaries improve electoral performance? Clientelism and intra-party conflict in Ghana. *American Journal of Political Science*, *57*(2), 428-441. https://doi.org/10.1111/j.1540-5907.2012.00624.x
Replication: https://doi.org/10.7910/DVN/PWRN9K
Check *IchinoNathan_AJPS_primariesSI_matching.R*:
https://dataverse.harvard.edu/file.xhtml?persistentId=doi:10.7910/DVN/PWRN9K/EBIUOW&version=2.1

Lindsey, S. (2022). Conflict, protection, and punishment: repercussions of violence in eastern DR Congo. *American journal of political science*, *66*(1), 187-204. https://doi.org/10.1111/ajps.12637
Replication: https://doi.org/10.7910/DVN/LBAV1Q
Check *01_Matching.R*:
https://dataverse.harvard.edu/file.xhtml?fileId=4497878&version=1.1

Broockman, D. E., & Ryan, T. J. (2016). Preaching to the choir: Americans prefer communicating to copartisan elected officials. *American Journal of Political Science*, *60*(4), 1093-1107. https://doi.org/10.1111/ajps.12228
Replication: https://doi.org/10.7910/DVN/7D48YB
Check *match.R*:
https://dataverse.harvard.edu/file.xhtml?persistentId=doi:10.7910/DVN/7D48YB/BY3V0V&version=1.2

# Week 4: Regression Discontinuity

08 May 2024, 14:00 – 15:30, Room 3.40, Building 211 (IBW Building, Herbert-Lewin-Str. 2, 3rd floor)

**Mandatory readings:**

- Cunningham, S. (2021). *Causal inference: The mixtape*. Yale university press, Chapter 6. The book is available online for free here: https://mixtape.scunning.com/regression-discontinuity.html
- * Jankowski, M., Marcinkiewicz, K., & Gwiazda, A. (2019). The effect of electing women on future female candidate selection patterns: findings from a regression discontinuity design. *Politics & Gender*, *15*(2), 182-210. https://doi.org/10.1017/S1743923X19000096

**Additional readings:**

- Abou-Chadi, T., & Krause, W. (2020). The causal effect of radical right success on mainstream parties' policy positions: A regression discontinuity approach. *British Journal of Political Science*, *50*(3), 829-847. https://doi.org/10.1017/S0007123418000029

# Week 5: Lab for Regression Discontinuity

15 May 2024, 14:00 – 15:30, Room 3.40, Building 211 (IBW Building, Herbert-Lewin-Str. 2, 3rd floor)

**Mandatory readings:**

- * Zonszein, S., & Grossman, G. (2022). Turnout Turnaround: Ethnic Minority Victories Mobilize White Voters. American Political Science Review, 1-7. https://doi.org/10.1017/S000305542300103X
  Replication: https://doi.org/10.7910/DVN/UKVOPE
  Check *02_compute_tables_figures.R*, Compute table 2:
  https://dataverse.harvard.edu/file.xhtml?fileId=7444422&version=1.0
- * Bellodi, L., Morelli, M., & Vannoni, M. (2024). A costly commitment: Populism, economic performance, and the quality of bureaucracy. American Journal of Political Science, 68(1), 193-209. https://doi.org/10.1111/ajps.12782
  Replication: https://doi.org/10.7910/DVN/7TEE2R
  Check *B_replication_file_manuscript.R*:
  https://dataverse.harvard.edu/file.xhtml?fileId=7082464&version=2.0

**Additional examples:**

- Dumas, N. K., & Shohfi, K. (2020). The behavioral consequences of election outcomes: Evidence from campaign contributions. *British Journal of Political Science*, *50*(2), 641–652. https://doi.org/10.1017/S0007123417000771
  Replication: https://doi.org/10.7910/DVN/QMBTPP
  Check *bjps_final_analysis_main_analysis.R*:
  https://dataverse.harvard.edu/file.xhtml?persistentId=doi:10.7910/DVN/QMBTPP/I6PCJB&version=1.0
- Goyal, T., & Sells, C. (2023). Descriptive representation and party building: Evidence from municipal governments in Brazil. *American Political Science Review*, 1-16. https://doi.org/10.1017/S0003055423001168
  Replication: https://doi.org/10.7910/DVN/TEQYCH
  Check *code_analysis.R, code_wrangling_RDD.R*:
  https://dataverse.harvard.edu/file.xhtml?fileId=7440604&version=1.0
  https://dataverse.harvard.edu/file.xhtml?fileId=7440625&version=1.0
- Cavaille, C., & Marshall, J. (2019). Education and anti-immigration attitudes: Evidence from compulsory schooling reforms across Western Europe. *American Political Science Review*, *113*(1), 254-263. https://doi.org/10.1017/S0003055418000588
  Replication in STATA: https://doi.org/10.7910/DVN/YDSRWF

# Week 6: Differences-in-Differences

29 May 2024, 14:00 – 15:30, Room 3.40, Building 211 (IBW Building, Herbert-Lewin-Str. 2, 3rd floor)

**Mandatory readings:**

- Cunningham, S. (2021). *Causal inference: The mixtape*. Yale university press, Chapter 9. The book is available online for free here: https://mixtape.scunning.com/difference-in-differences.html
- * Cifci, E., & Oliver, M. E. (2018). Reassessing the links between GHG emissions, economic growth, and the UNFCCC: A difference-in-differences approach. *Sustainability*, *10*(2), 334. https://doi.org/10.3390/su10020334

**Additional readings**:

- Gaebler, S., Potrafke, N., & Roesel, F. (2020). Compulsory voting and political participation: Empirical evidence from Austria. *Regional Science and Urban Economics*, *81*, 103499. https://doi.org/10.1016/j.regsciurbeco.2019.103499
- Loeffler, H. (2023). Does a universal basic income affect voter turnout? Evidence from Alaska. *Political Science Research and Methods*, *11*(3), 521-536. https://doi.org/10.1017/psrm.2022.38

## Week 7: Lab for Differences-in-Differences

05 June 2024, 14:00 – 15:30, Room 3.40, Building 211 (IBW Building, Herbert-Lewin-Str. 2, 3rd floor)

**Mandatory readings:**

- * Leininger, A., Sohnius, M. L., Faas, T., Roßteutscher, S., & Schäfer, A. (2023). Temporary disenfranchisement: negative side effects of lowering the voting age. *American Political Science Review*, *117*(1), 355-361. https://doi.org/10.1017/S000305542200034X
  Replication: https://doi.org/10.7910/DVN/T5LYWS
  Check *main.Rmd,* section Difference-in-differences:
  https://dataverse.harvard.edu/file.xhtml?fileId=6045867&version=1.0
- * Skorge, Ø. S. (2023). Mobilizing the underrepresented: Electoral systems and gender inequality in political participation. *American Journal of Political Science*, *67*(3), 538-552. https://doi.org/10.1111/ajps.12654
  Replication: https://doi.org/10.7910/DVN/T0R1GE
  Check *all_analyses.R*:
  https://dataverse.harvard.edu/file.xhtml?fileId=4515202&version=1.0

**Additional examples:**

- Helms, B. (2023). Global economic integration and nativist politics in emerging economies. *American Journal of Political Science*. https://doi.org/10.1111/ajps.12748
  Replication: https://doi.org/10.7910/DVN/KFSNWU
  Check *Helms_AJPS_ReplicationCode.R*:
  https://dataverse.harvard.edu/file.xhtml?fileId=6289189&version=2.0
- Weiss, C. M., A. Siegel, A., & Romney, D. (2023). How Threats of Exclusion Mobilize Palestinian Political Participation. *American Journal of Political Science*, *67*(4), 1080-1095. https://doi.org/10.1111/ajps.12718
  Replication: https://doi.org/10.7910/DVN/EGXUBU
  Check *mobilization_analysis.R,* section Basic DiD:
  https://dataverse.harvard.edu/file.xhtml?fileId=6157018&version=1.0

- McMurry, N. (2022). From Recognition to Integration: Indigenous Autonomy, State Authority, and National Identity in the Philippines. *American Political Science Review*, *116*(2), 547-563. https://doi.org/10.1017/S0003055421001039
  Replication: https://doi.org/10.7910/DVN/VW1GDD
  Check *recognition_integration_analysis_final.R*:
  https://dataverse.harvard.edu/file.xhtml?fileId=4987014&version=1.0
- Weschle, S. (2022). Politicians' private sector jobs and parliamentary behavior. *American Journal of Political Science*. https://doi.org/10.1111/ajps.12721
  Replication: https://doi.org/10.7910/DVN/RKMKXU
  Check *1_analysis_main.R*:
  https://dataverse.harvard.edu/file.xhtml?fileId=6175692&version=1.0

## Week 8: Synthetic Controls

12 June 2024, 14:00 – 15:30, Room 3.40, Building 211 (IBW Building, Herbert-Lewin-Str. 2, 3rd floor)

**Mandatory readings:**

- Abadie, A., Diamond, A., & Hainmueller, J. (2015). Comparative politics and the synthetic control method. *American Journal of Political Science*, *59*(2), 495-510. https://doi.org/10.1111/ajps.12116
- * Born, B., Dietrich, A. M., & Müller, G. J. (2021). The lockdown effect: A counterfactual for Sweden. *Plos one*, *16*(4), e0249732. https://doi.org/10.1371/journal.pone.0249732

**Additional readings**:

- Kreif, N., Grieve, R., Hangartner, D., Turner, A. J., Nikolova, S., & Sutton, M. (2016). Examination of the synthetic control method for evaluating health policies with multiple treated units. *Health economics*, *25*(12), 1514-1528. https://doi.org/10.1002/hec.3258

## Week 9: Lab for Synthetic Controls

12 June 2024, 16:00 – 17:30, Room 3.40, Building 211 (IBW Building, Herbert-Lewin-Str. 2, 3rd floor)

**Mandatory readings:**

- * Abadie, A., Diamond, A., & Hainmueller, J. (2015). Comparative politics and the synthetic control method. *American Journal of Political Science*, *59*(2), 495-510. https://doi.org/10.1111/ajps.12116
  Replication: https://doi.org/10.7910/DVN/24714
  Check *rep.r*: https://doi.org/10.7910/DVN/24714/FX8ULY
- * Patterson, S. (2022). The politics of pandemics: The effect of stay-at-home orders on COVID-19 mitigation. *State Politics & Policy Quarterly*, *22*(1), 1-23. https://doi.org/10.1017/spq.2021.14
  Replication: https://doi.org/10.15139/S3/4QUN5B

Check *Politics_Pandemics_Replication_Table3.R*:
https://dataverse.unc.edu/file.xhtml?fileId=7514162&version=1.1

**Additional examples**:

- Abadie, A. (2021). Using synthetic controls: Feasibility, data requirements, and methodological aspects. *Journal of Economic Literature*, *59*(2), 391-425. DOI: 10.1257/jel.20191450 https://www.aeaweb.org/articles?id=10.1257/jel.20191450
  Replication: https://www.openicpsr.org/openicpsr/project/119933/version/V1/view
  Check *replication_code.R*:
  https://www.openicpsr.org/openicpsr/project/119933/version/V1/view?path=/openicpsr/119933/fcr:versions/V1/replication_code.R&type=file
- Blair, C. W., Grossman, G., & Weinstein, J. M. (2022). Liberal displacement policies attract forced migrants in the global south. *American Political Science Review*, *116*(1), 351-358. https://doi.org/10.1017/S0003055421000848
  Replication: https://doi.org/10.7910/DVN/AYBXMJ
  Check *Policy Synthetic Controls.R*:
  https://dataverse.harvard.edu/file.xhtml?fileId=4877183&version=1.0
- Cerqueti, R., Coppier, R., Girardi, A., & Ventura, M. (2022). The sooner the better: lives saved by the lockdown during the COVID-19 outbreak. The case of Italy. *The Econometrics Journal*, *25*(1), 46-70. https://doi.org/10.1093/ectj/utab027
  Replication: zip file in the Supplementary data section (bottom of the article). Check the main script ccgv_est.R and the respective text files that are called in the script (includes the code).
- Lim, J. T., Maung, K., Tan, S. T., Ong, S. E., Lim, J. M., Koo, J. R., ... & Dickens, B. S. L. (2021). Estimating direct and spill-over impacts of political elections on COVID-19 transmission using synthetic control methods. *PLoS computational biology*, *17*(5), e1008959. https://doi.org/10.1371/journal.pcbi.1008959
  Replication: https://github.com/juetaoLim/sabahSCM

# Week 10: Instrumental Variables

26 June 2024, 14:00 – 15:30, Room 3.40, Building 211 (IBW Building, Herbert-Lewin-Str. 2, 3rd floor)

**Mandatory readings:**

- Sovey, A. J., & Green, D. P. (2011). Instrumental variables estimation in political science: A readers' guide. *American Journal of Political Science*, *55*(1), 188-200. https://doi.org/10.1111/j.1540-5907.2010.00477.x
- * Barone, G., & Narciso, G. (2015). Organized crime and business subsidies: Where does the money go?. *Journal of Urban Economics*, *86*, 98-110. https://doi.org/10.1016/j.jue.2015.01.002

# Week 11: Lab for Instrumental Variables

26 June 2024, 16:00 – 17:30, Room 3.40, Building 211 (IBW Building, Herbert-Lewin-Str. 2, 3rd floor)

**Mandatory readings:**

- * Webster, S. W., Connors, E. C., & Sinclair, B. (2022). The social consequences of political anger. *The Journal of Politics*, *84*(3), 1292-1305. https://doi.org/10.1086/718979
  Replication: https://doi.org/10.7910/DVN/0XS5NX
  Check *anger_social_replication.R,* section 2. Models and figures found in the manuscript: https://dataverse.harvard.edu/file.xhtml?fileId=5257972&version=1.0
- * Martin, S., McClean, C. T., & Strøm, K. W. (2023). Legislative Resources, Corruption, and Incumbency. *British Journal of Political Science*, 1-10. https://doi.org/10.1017/S0007123423000108
  Replication: https://doi.org/10.7910/DVN/AY7TU6
  Check *incumbency-1.R*, Table 2:
  https://dataverse.harvard.edu/file.xhtml?fileId=6970654&version=1.0

**Additional examples**:

- Hager, A., & Krakowski, K. (2022). Does state repression spark protests? evidence from secret police surveillance in communist poland. *American Political Science Review*, *116*(2), 564-579. https://doi.org/10.1017/S0003055421000770
  Replication: https://doi.org/10.7910/DVN/JWTRSC
  Check *Table3_corrected.R*:
  https://dataverse.harvard.edu/file.xhtml?fileId=7663203&version=2.0
- Stokes, L. C. (2016). Electoral backlash against climate policy: A natural experiment on retrospective voting and local resistance to public policy. *American Journal of Political Science*, *60*(4), 958-974. https://doi.org/10.1111/ajps.12220
  Replication: https://doi.org/10.7910/DVN/SDUGCC
  Check *Stokes_AJPS_Replication.R,* Table 2:
  https://dataverse.harvard.edu/file.xhtml?persistentId=doi:10.7910/DVN/SDUGCC/PK5GSU&version=1.3
- Ansolabehere, S., & Kuriwaki, S. (2022). Congressional representation: Accountability from the constituent's perspective. *American Journal of Political Science*, *66*(1), 123-139. https://doi.org/10.1111/ajps.12607
  Replication in STATA: https://doi.org/10.7910/DVN/QOVWMM
  Check *01-main-regressions.do,* Table 4:
  https://dataverse.harvard.edu/file.xhtml?fileId=4106168&version=1.1
- Beazer, Q. H., & Woo, B. (2016). IMF conditionality, government partisanship, and the progress of economic reforms. *American Journal of Political Science*, *60*(2), 304-321. https://doi.org/10.1111/ajps.12200
  Replication: https://doi.org/10.7910/DVN/193ZDD
  Check *BeazerWooAJPS.article.table2.column2.R*:
  https://doi.org/10.7910/DVN/193ZDD/VIGADH

# Week 12: Natural Experiments and Discussion of Take-Home Exams

10 July 2024, 14:00 – 15:30, Room 3.40, Building 211 (IBW Building, Herbert-Lewin-Str. 2, 3rd floor)

**Mandatory readings:**

- Titiunik, R. (2021). Natural experiments. In Druckman, J. N., & Green, D. P. (Eds.), *Advances in experimental political science* (pp. 103-129). Cambridge University Press.
- * Healy, A., & Malhotra, N. (2013). Childhood socialization and political attitudes: Evidence from a natural experiment. *The Journal of Politics*, *75*(4), 1023-1037. https://doi.org/10.1017/S0022381613000996
- * Bhavnani, R. R. (2009). Do electoral quotas work after they are withdrawn? Evidence from a natural experiment in India. *American Political Science Review*, *103*(1), 23-35. https://doi.org/10.1017/S0003055409090029

**Additional readings**:

- Carnegie, A., & Marinov, N. (2017). Foreign aid, human rights, and democracy promotion: Evidence from a natural experiment. *American Journal of Political Science*, *61*(3), 671-683. https://doi.org/10.1111/ajps.12289
- Sekhon, J. S., & Titiunik, R. (2012). When natural experiments are neither natural nor experiments. *American Political Science Review*, *106*(1), 35-57. https://doi.org/10.1017/S0003055411000542

# Week 13: Wrap Up and Discussion of Final Projects

17 July 2024, 14:00 – 15:30, Room 3.40, Building 211 (IBW Building, Herbert-Lewin-Str. 2, 3rd floor)