

European Master in Law & Economics

Empirical Legal Studies

Rotterdam, Term 2

Version 1.0 (January 22, 2018).

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SCHEDULE

Lectures

Lecture 1. Descriptive Statistics and intro to STATA (January 17)

Mandatory reading: OpenIntro Statistics (pp. 9-14, 26-42, 127-137).

Lecture 2. Formulating Hypotheses (January 22)

Mandatory reading: Klick (2006).

Lecture 3. Inference (January 23)

Mandatory reading: OpenIntro Statistics (chapter 4 & 5 without special topics).

Lecture 4. Regression (January 24)

Mandatory reading: OpenIntro Statistics (chapter 7).

Lecture 5. Correlation vs. causation (January 25)

Mandatory reading: Gelbach & Klick (2017).

Lecture 6. Causal inference (January 26)

Mandatory reading: Gelbach & Klick (2017).

Lecture 7. Panel data (February 19)

Mandatory reading: Klick & Stratmann (2003).

Lecture 8. Regression discontinuity (February 20)

Mandatory reading: MacDonald et al. (2016).

Lecture 9. Event studies (February 21)

Mandatory reading: Klick & Sitkoff (2008).

Lecture 10. Empirical Work in Litigation (February 22)

Lecture 11. TBD (February 23)

Tutorials

Tutorial 1. Descriptive statistics (February 1)

Tutorial 2. Regression (February 8)

Tutorial 3. Panel data (February 27)

Tutorial 4. Regression discontinuity (March 2)

Tutorial 5. Event studies (March 7)

LITERATURE

Mandatory readings

1. Diez, David, Christopher Barr and Mine Cetinkaya-Rundel (2015). OpenIntro Statistics. Third Edition. available under a Creative Commons license. Visit www.openintro.org for a free PDF, to download the textbook's source files, or for more information about the license.
2. Gelbach, Jonah & Jonathan Klick (2017). [Empirical Law and Economics](#) (Oxford Handbook of Law and Economics, edited by Francesco Parisi).
3. Klick, Jonathan & Thomas Stratmann (2003). [The Effect of Abortion Legalization on Sexual Behavior: Evidence from Sexually Transmitted Diseases](#). Journal of Legal Studies. Vol. 32(2). pp. 407- 434.
4. Klick, Jonathan (2006). [Salvation as a Selective Incentive](#) [International Review of Law and Economics](#). International Review of Law & Economics. Vol. 26(1). pp. 15-32.
5. Klick, Jonathan & Robert Sitkoff (2008). [Agency Costs, Charitable Trusts, and Corporate Control: Evidence from Hersheys Kiss-Off](#). Columbia Law Review. Vol. 108(4). pp. 749-838.
6. MacDonald, John, Jonathan Klick & Ben Grunwald (2016). [The Effect of Private Police on Crime: Evidence from a Geographic Regression Discontinuity Design](#). Journal of the Royal Statistical Society Series A, 179(3). Pp. 831-846.

Further readings

1. Reference Manual on Scientific Evidence (2011). Reference Guide on Statistics & Reference Guide on Multiple Regression. pp. 211-358.
2. Khandker, Shahidur R., Gayatri B. Koolwal and Hussain A. Samad (2010). Handbook on Impact Evaluation: Quantitative Methods and Practices. World Bank. Visit <https://openknowledge.worldbank.org/handle/10986/2693> to download a free copy. License: CC BY 3.0 IGO.
3. Sykes, Alan (1993). An Introduction to Regression Analysis. Chicago Working Paper in Law & Economics.

SOFTWARE

This course will use STATA as a primary statistical package in the applied sessions. Free resources to help you learn and use STATA are available [here](#). STATA Learner videos can be accessed [here](#) and visual overview for creating graphs [here](#). More STATA Tutorials: (1) [Princeton](#), (2) [UNC](#).