

Course literature

Books

Gelman, A & Hill, J. Data Analysis Using Regression and Multilevel/Hierarchical Models. Cambridge University Press.

Angrist, J D & Pischke, J-S. Mostly Harmless Econometrics: An Empiricist's Companion. Princeton University Press. Available at https://www.researchgate.net/publication/51992844_Mostly_Harmless_Econometrics_An_Empiricist's_Companion/download

Scientific articles and other sources

See the **Reading instructions** below for each lecture

Reading instructions

* indicates non-mandatory reading

All literature is supposed to be read prior to the lecture/seminar/lab.

Note: Some minor additional readings may be added and some of the literature to the seminar may be replaced (in yellow)

Lecture 1, 29/10

Silberzahn, R., Uhlmann, E. L., Martin, D. P., Anselmi, P., Aust, F., Awtrey, E., ... & Carlsson, R. (2018). Many analysts, one data set: Making transparent how variations in analytic choices affect results. *Advances in Methods and Practices in Psychological Science*, 1(3), 337-356. Available at <https://journals.sagepub.com/doi/pdf/10.1177/2515245917747646>

Engel, R. J. & Schutt, R. K. (Eds.). (2014). Conceptualization and measurement. Chapter 4 in *Fundamentals of social work research*. Sage Publications. Available at https://us.sagepub.com/sites/default/files/upm-binaries/61666_Chapter_4.pdf

Lab1, 30/10

No readings

Lecture 2:1, 3/11

Gelman, A & Hill, J. Data Analysis Using Regression and Multilevel/Hierarchical Models. Cambridge University Press. Chapters 3 and 4.

Frost, J. (2017). Understanding Interaction Effects in Statistics. Blogpost available at <http://statisticsbyjim.com/regression/interaction-effects/>

* Angrist, J D & Pischke, J-S. Mostly Harmless Econometrics: An Empiricist's Companion. Princeton University Press. Chapters 1, (2), 3.1 and 3.2 (no necessity to understand the math). Available at https://www.researchgate.net/publication/51992844_Mostly_Harmless_Econometrics_An_Empiricist's_Companion/download

Lecture 2:2, 5/11

To be discussed at seminar. It is crucial to have read prior to seminar, reading instructions will be available on course page.

Magnusson, C. (2010). Why Is There a Gender Wage Gap According to Occupational Prestige?: An Analysis of the Gender Wage Gap by Occupational Prestige and Family Obligations in Sweden. *Acta Sociologica*, 53(2), 99–117. Available at <https://journals.sagepub.com/doi/abs/10.1177/0001699310365627>

Lab 2, 9/11

Gelman, A & Hill, J. *Data Analysis Using Regression and Multilevel/Hierarchical Models*. Cambridge University Press. Chapters 3 and 4.

Lecture 3:1, 12/11

Gangl, M. (2010). Causal inference in sociological research. *Annual review of sociology*, 36, 21-47.

Gelman, A & Hill, J. *Data Analysis Using Regression and Multilevel/Hierarchical Models*. Cambridge University Press. Chapters 9 and 10.3

Lecture 3:2, 17/11

To be discussed at seminar. It is crucial to have read prior to seminar, reading instructions will be available on course page.

Massoglia, M. (2008). Incarceration, health, and racial disparities in health. *Law & Society Review*, 42(2), 275-306. Available at <https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1540-5893.2008.00342.x>

Lab 3, Wed 20/11

Gelman, A & Hill, J. *Data Analysis Using Regression and Multilevel/Hierarchical Models*. Cambridge University Press. Pages 206-209.

Olmos, A., & Govindasamy, P. (2015). Propensity scores: a practical introduction using R. *Journal of MultiDisciplinary Evaluation*, 11(25), 68-88. Available at http://journals.sfu.ca/jmde/index.php/jmde_1/article/view/431/414

Lecture 4:1, 24/11

Allison, P. D. 2009. Fixed effects regression models: SAGE publications (chapter 2).

Angrist, J D & Pischke, J-S. Mostly Harmless Econometrics: An Empiricist's Companion. Princeton University Press. Chapter 5. Available at

https://www.researchgate.net/publication/51992844_Mostly_Harmless_Econometrics_An_Empiricist's_Companion/download

Gelman, A & Hill, J. Data Analysis Using Regression and Multilevel/Hierarchical Models. Cambridge University Press. Chapter 10.7

Lecture 4:2, 26/11

To be discussed at seminar. It is crucial to have read prior to the seminar, reading instructions will be available on course page. Note that all groups will be assigned to read one paper each, to present and discuss in class.

Group 1: Gangl, M., & Ziefle, A. (2009). Motherhood, labor force behavior, and women's careers: An empirical assessment of the wage penalty for motherhood in Britain, Germany, and the United States. *Demography*, 46(2), 341-369. Available at <https://link.springer.com/content/pdf/10.1353%2Fdem.0.0056.pdf>

Group 2: De Neve, J. E., & Oswald, A. J. (2012). Estimating the influence of life satisfaction and positive affect on later income using sibling fixed effects. *Proceedings of the National Academy of Sciences*, 109(49), 19953-19958. Available at <http://www.pnas.org/content/pnas/109/49/19953.full.pdf>

Group 3: Amato, P. R., & Anthony, C. J. (2014). Estimating the effects of parental divorce and death with fixed effects models. *Journal of Marriage and Family*, 76(2), 370-386. Available at <https://onlinelibrary.wiley.com/doi/abs/10.1111/jomf.12100>

Group 4: Bygren, M., & Szulkin, R. (2010). Ethnic environment during childhood and the educational attainment of immigrant children in Sweden. *Social Forces*, 88(3), 1305-1329. Available at <https://academic.oup.com/sf/article-abstract/88/3/1305/1936392>

Group 5: Almond, D., Edlund, L., & Palme, M. (2009). Chernobyl's subclinical legacy: prenatal exposure to radioactive fallout and school outcomes in Sweden. *The Quarterly journal of economics*, 124(4), 1729-1772. Available at <https://academic.oup.com/qje/article/124/4/1729/1917216>

Lab 4, 30/11

Gelman, A & Hill, J. Data Analysis Using Regression and Multilevel/Hierarchical Models. Cambridge University Press. Chapter 10.7

Colonescu, C. 2016 . Principles of Econometrics with R. Chapter 15. Available at <https://bookdown.org/ccolonescu/RPoE4/panel-data-models.html> (html-version) and at <https://bookdown.org/ccolonescu/RPoE4/RPoE.pdf> (pdf-version).

Lecture 5:1, 3/12

Gelman, A & Hill, J. Data Analysis Using Regression and Multilevel/Hierarchical Models. Cambridge University Press. 10.5 and 10.6, and p.228-229

Angrist, J D & Pischke, J-S. Mostly Harmless Econometrics: An Empiricist's Companion. Princeton University Press. Chapter 4.1 and 5.2. Available at https://www.researchgate.net/publication/51992844_Mostly_Harmless_Econometrics_An_Empiricist's_Companion/download

* Abadie, A., Diamond, A., & Hainmueller, J. (2010). Synthetic control methods for comparative case studies: Estimating the effect of California's tobacco control program. Journal of the American statistical Association, 105(490), 493-505.

* Angrist, J. D., & Krueger, A. B. (2001). Instrumental variables and the search for identification: From supply and demand to natural experiments. Journal of Economic perspectives, 15(4), 69-85.

Lecture 5:2, 8/12

Hjalmarsson, R & Lindquist, M. J. The causal effect of military conscription on crime. The economic journal. 129, 2522-2562.

Lab 5, 11/12

Angrist, J D & Pischke, J-S. Mostly Harmless Econometrics: An Empiricist's Companion. Princeton University Press. Chapter 5.2. Available at https://www.researchgate.net/publication/51992844_Mostly_Harmless_Econometrics_An_Empiricist's_Companion/download

Remaining meetings: No required readings