Reading list - webinar

Unlocking Effective Evaluation: An introduction to quasi-experimental designs: causal evaluation methodologies without randomisation

Webpages

- Quasi-experimental designs

Quasi-experimental studies, gov.uk, viewed 16 March 2022, - https://www.gov.uk/guidance/quasi-experimental-study-comparative-studies

Quasi-experimental design: explanation, methods and FAQs, voxco, viewed 16 March 2022, -https://www.voxco.com/blog/quasi-experimental-design-explanation-methods-and-faqs/

Quasi-experimental design - Research Methods Knowledge Base, conjointly.com, viewed 16 March 2022, -https://conjointly.com/kb/quasi-experimental-design/

Guide: Designing and Conducting experimental and quasi-experimental research, writing.colostate.edu, viewed 16 March 2022,-https://writing.colostate.edu/guides/guide.cfm?guideid=64

- Counterfactuals

Counterfactual theories of Causation, Stanford Encyclopaedia of Philosophy, viewed 16 March 2022, -https://plato.stanford.edu/entries/causation-counterfactual/

- Propensity score matching

Propensity Score Matching: definition & overview, Statisticshowto, viewed 17 March 2022, -https://www.statisticshowto.com/propensity-score-matching/

- Difference-in-difference method

Difference-in-Difference Estimation, Columbia School of Public Health, viewed 17 March 2022, -https://www.publichealth.columbia.edu/research/population-health-methods/difference-difference-estimation

- Regression discontinuity design

Regression Discontinuity, BetterEvaluation, viewed 17 March 2022,-https://www.betterevaluation.org/en/evaluation-options/regressiondiscontinuity

An Introduction to Regression Discontinuity Design, Towards data science, viewed 17 March 2022, -https://towardsdatascience.com/an-introduction-to-regression-discontinuity-design-f55075079def

Books

Angrist, J. D., & Pischke, J. S. (2014). *Mastering metrics: The path from cause to effect*. Princeton university press. (chapter 5 on DID)

https://books.google.co.uk/books?id=s2eYDwAAQBAJ&lpg=PR11&ots=gMwwDNxPis&dq=Mastering%20Metrics&lr&pg=PR11#v=onepage&q=Mastering%20Metrics&f=false

Angrist, J. D., & Pischke, J. S. (2008). *Mostly harmless econometrics*. Princeton university press. (chapter 5)

https://doi.org/10.1515/9781400829828

Cunningham, S. (2018). Causal inference: The mixtape (V. 1.7). (chapter 5 on matching, chapter 6 on regression discontinuity, chapter 9 on DID)

https://mixtape.scunning.com/index.html

Gertler, P. J., Martinez, S., Premand, P., Rawlings, L. B., & Vermeersch, C. M. (2016). *Impact evaluation in practice*. World Bank Publications. (chapter 5 to 8)
https://openknowledge.worldbank.org/bitstream/handle/10986/25030/9781464807794.pdf?sequence=2&isAllowed=y

Research articles

- Quasi-experimental design

Matthew L. Maciejewski (2020) Quasi-experimental design, Biostatistics & Epidemiology, 4:1, 38-47, DOI: 10.1080/24709360.2018.1477468

White, H., & Sabarwal, S. (2014). Quasi-experimental design and methods. *Methodological briefs: impact evaluation*, *8*(2014), 1-16. https://www.unicef-irc.org/KM/IE/img/downloads/Quasi-Experimental_Design_and_Methods_ENG.pdf

- Propensity score matching

Benedetto, U., Head, S. J., Angelini, G. D., & Blackstone, E. H. (2018). Statistical primer: propensity score matching and its alternatives. *European Journal of Cardio-Thoracic Surgery*, *53*(6), 1112-1117. https://doi.org/10.1093/ejcts/ezy167

- Counterfactuals

Reiss, J. (2012). Counterfactuals. In *The Oxford handbook of philosophy of social science*. DOI: 10.1093/oxfordhb/9780195392753.013.0008

- Difference-in-differences

Fredriksson, A., & Oliveira, G. M. D. (2019). Impact evaluation using Difference-in-Differences. *RAUSP Management Journal*, *54*, 519-532. https://doi.org/10.1108/RAUSP-05-2019-0112

- Regression discontinuity design

Lee, D. S., & Lemieux, T. (2010). Regression discontinuity designs in economics. *Journal of economic literature*, *48*(2), 281-355. https://www.princeton.edu/~davidlee/wp/RDDEconomics.pdf

YouTube videos

- Quasi-experimental designs

Fred Allcotte (2016). *Quasi experimental design*. [online video], viewed 17 March 2022, - https://www.youtube.com/watch?v=vm-7k6unuLo&ab_channel=FredAllcotte

Research Methods and Statistics (2017). *3.9 Quasi-experimental designs |Quantitative methods |Research Designs| UvA*. [online video], viewed 17 March 2022, - https://www.youtube.com/watch?v=3N-DKY09GM4&ab_channel=ResearchMethodsandStatistics

- Counterfactuals

IRL - Research and Science Course (2016). *Research Literacy: Part 4 - Causation & Counterfactuals*. [online video], viewed 17 March 2022, - https://www.youtube.com/watch?v=K24MxPKdV8g&ab_channel=IRL-ResearchandScienceCourse

- Propensity score matching

F. Chris Curran (2018). *Propensity Score Matching - A Quick Introduction*. [online video], viewed 17 March 2022, -https://www.youtube.com/watch?v=KIL2EVLnLX8&ab_channel=F.ChrisCurran

Richard Gallenstein (2020). *Lecture 11 Propensity Score Matching*. [online video], viewed 17 March 2022, -https://www.youtube.com/watch?v=oDjMR1nADNk&ab_channel=RichardGallenstein

- Difference-in-difference method

Doug McKee (2020). *An intuitive introduction to Difference-in-Differences*. [online video], viewed 17 March 2022, -https://www.youtube.com/watch?v=J7q2H8aB8bQ&ab_channel=DougMcKee

Marginal Revolution University (2021). *Introduction to Differences-in-differences*. [online video], viewed 17 March 2022, -https://www.youtube.com/watch?v=eiffOVbYvNc&ab_channel=MarginalRevolutionUniversity

- Regression discontinuity design

Doug McKee (2016). *An intuitive introduction to Regression Discontinuity*. [online video], viewed 17 March 2022, -https://www.youtube.com/watch?v=tWRsYWSP3fM&ab_channel=DougMcKee

ModU: Powerful Concepts in Social Science (2017). *Regression Discontinuity: Looking at People on the Edge: Causal Inference Bootcamp*. [online video], viewed 17 March 2022,

-https://www.youtube.com/watch?v=TfKwgGT2fSM&ab_channel=Mod%E2%80%A2U%3APowerfulConceptsinSocialScience

EU Science Hub - Joint Research Centre (2017). *Regression Discontinuity Design for policy evaluation*. [online video], viewed 17 March 2022, - https://www.youtube.com/watch?v=UeROebc6PQo&ab_channel=EUScienceHub-JointResearchCentre