
PO91Q - Fundamentals in Quantitative Research Methods

Bibliography



Dr Florian Linke
Florian.Linke@warwick.ac.uk

- Adcock, R., & Collier, D. (2001). Measurement Validity: A Shared Standard for Qualitative and Quantitative Research. *American Political Science Review*, 95(3), 529–546. <https://doi.org/10.1017/s0003055401003100>
- Agresti, A. (2018). *Statistical Methods for the Social Sciences* (Fifth Edition). Harlow: Pearson.
- Arel-Bundock, V. (2022). modelsummary: Data and Model Summaries in R. *Journal of Statistical Software*, 103(1), 1–23. <https://doi.org/10.18637/jss.v103.i01>
- Balnaves, M., & Caputi, P. (2001). *Introduction to Quantitative Research Methods. An investigative Approach*. Thousand Oaks, CA: Sage.
- Bartholomew, D. J., Steele, F., Galbraith, J., & Moustaki, I. (2011). *Analysis of Multivariate Social Science Data* (Second Edition). London: Routledge.
- Beauchamp, T. L., & Rosenberg, A. (1981). *Hume and the problem of causation*. Oxford University Press. <https://doi.org/10.2307/2215266>
- Beck, N. (2001). OLS in Matrix Form. https://web.stanford.edu/~mrosenfe/soc_meth_proj3/matrix_OLS_2_Beck_UCSD.pdf
- Boix, C., & Stokes, S. (2003). Endogenous Democratization. *World Politics*, 55, 517–549. <https://doi.org/10.1353/wp.2003.0019>
- Brady, H. E. (2011). Causation and Explanation in Social Science. In R. Goodin (Ed.), *The Oxford Handbook of Political Science*. Oxford University Press. <https://doi.org/10.1093/oxfordhb/9780199604456.013.0049>
- British Election Study. (2020). British Election Study. <https://www.britishelectionstudy.com/>
- Burton, D. (2000). *Research Training for Social Scientists: A Handbook for Postgraduate Researchers*. Thousand Oaks, CA: Sage.
- Button, K. S., Ioannidis, J. P. A., Mokrysz, C., Nosek, B. A., Flint, J., Robinson, E. S. J., & Munafò, M. R. (2013). Power failure: Why small sample size undermines the reliability of neuroscience. *Nature Reviews Neuroscience*, 14(5), 365–376. <https://doi.org/10.1038/nrn3475>
- Cartwright, N. (1989). *Nature's capacities and their measurement*. Oxford University Press. <https://doi.org/10.1093/0198235070.001.0001>
- Clark, T., Foster, L., Sloan, L., & Bryman, A. (2021). *Bryman's Social Research Methods* (Sixth Edition). Oxford: Oxford University Press.

- Cohen, J. (2013, May). *Statistical power analysis for the behavioral sciences*. Routledge. <https://doi.org/10.4324/9780203771587>
- Dalsgaard, P. (2004). *Introductory Statistics with R*. New York: Springer. <https://doi.org/10.1007/978-0-387-79054-1>
- de Vaus, D. (2002). *Analysing Social Science Data - 50 Key Problems in Data Analysis*. Thousand Oaks, CA: Sage.
- Della Porta, D., & Keating, M. (2012). *Approaches and Methodologies in the Social Sciences – A Pluralist Perspective*. Cambridge: Cambridge University Press.
- Dodd, V. (2023, March). *Met police found to be institutionally racist, misogynistic and homophobic*. <https://www.theguardian.com/uk-news/2023/mar/21/metropolitan-police-institutionally-racist-misogynistic-homophobic-louise-casey-report>
- Epstein, D. L., Bates, R., Goldstone, J., Kristensen, I., & O'Halloran, S. (2006). Democratic Transitions. *American Journal of Political Science*, 50(3), 551–569. <https://doi.org/10.1111/j.1540-5907.2006.00201.x>
- European Commission. (n.d.). Eurostat – Your Key to European Statistics. <https://ec.europa.eu/eurostat/data/database>
- European Social Survey. (2019). Data. Round 9. <https://www.europeansocialsurvey.org/data>
- Field, A., Miles, J., & Field, Z. (2012). *Discovering Statistics Using R*. Thousand Oaks, CA: Sage.
- Fielding, J., & Gilbert, N. (2006). *Understanding Social Statistics* (Second Edition). Thousand Oaks, CA: Sage.
- Flesch, R. (1948). A new readability yardstick. *Journal of Applied Psychology*, 32(3), 221–233. <https://doi.org/10.1037/h0057532>
- Fogarty, B. J. (2023). *Quantitative Social Science Data With R – An Introduction* (Second Edition). Thousand Oaks, CA: Sage.
- Fox, J. (2015). *Applied regression analysis and generalized linear models* (Third Edition). Thousand Oaks, CA: Sage.
- Fox, J., & Weisberg, S. (2019). *An R Companion to Applied Regression* (Third Edition). Thousand Oaks, CA: Sage.
- Gasking, D. (1955). Causation and recipes. *Mind*, 64, 479–487. <https://www.jstor.org/stable/2251235>
- Gilbert, N., & Stoneman, P. (Eds.). (2015). *Researching Social Life* (Fourth Edition). Thousand Oaks, CA: Sage.
- Gill, J. (2006). *Essential Mathematics for Political and Social Research*. Cambridge: Cambridge University Press. <https://doi.org/10.1017/cbo9780511606656>
- Glennan, S. S. (1996). Mechanisms and the nature of causation. *Erkenntnis*, 44, 49–71. <https://doi.org/10.1007/bf00172853>
- GOV.UK. (2013). National Statistics: Income and tax by Parliamentary constituency. <https://www.gov.uk/government/statistics/income-and-tax-by-parliamentary-constituency-2010-to-2011>
- Gujarati, D. N., & Porter, D. C. (2009). *Basic Econometrics* (Fifth International Edition). New York: McGraw-Hill.

- Harré, R., & Madden, E. H. (1975). *Causal powers: A theory of natural necessity* [ca. 1975]. B. Blackwell.
- Hempel, C. G. (1965). *Aspects of Scientific Explanation*. New York: Free Press. <https://doi.org/10.2307/2106169>
- Home Office. (2018). *Life in the United Kingdom – A Guide for New Residents* (Third Edition). Norwich: TSO.
- Home Office Design System. (n.d.). *Readability — written content guidance*. <https://design.homeoffice.gov.uk/accessibility/written-content/readability>
- House of Commons Library. (n.d.). Data Dashboard. <https://commonslibrary.parliament.uk/type/data-dashboard/>
- Huffington Post. (2013). Check Out Apple's iOS 7 Terms & Conditions. https://www.huffingtonpost.co.uk/2013/09/20/apple-ios7-spoof-terms-and-conditions_n_3960016.html
- Hume, D. (1739). *A Treatise of Human Nature* (L. A. Selby-Bigge & P. H. Nidditch, Eds.). Oxford: Clarendon Press. <https://doi.org/10.1093/oseo/instance.00046221>
- Imai, K. (2017). *Quantitative Social Science: An Introduction*. Princeton: Princeton University Press.
- Kellstedt, P. M., & Whitten, G. D. (2018). *The Fundamentals of Political Science Research* (Third Edition). Cambridge: Cambridge University Press. <https://doi.org/10.1017/9781108131704>
- Kincaid, J. P., Fishburne, J., Robert P., R., Richard L., C., & S., B. (1975). *Derivation of New Readability Formulas (Automated Readability Index, Fog Count and Flesch Reading Ease Formula) for Navy Enlisted Personnel*. <https://doi.org/10.21236/ada006655>
- King, G. (1995). Replication, replication. *PS: Political Science and Politics*, 28(3), 541–559. <https://doi.org/10.2307/420301>
- Kranzler, J., & Anthony, C. J. (2022). *Statistics for the Terrified* (Seventh Edition). Lanham: Rowman; Littlefield.
- Lakens, D. (2013). Calculating and reporting effect sizes to facilitate cumulative science: A practical primer for t-tests and anovas. *Frontiers in Psychology*, 4. <https://doi.org/10.3389/fpsyg.2013.00863>
- Landman, T., & Carvalho, E. (2017). *Issues and Methods in Comparative Politics: An Introduction* (Fourth Edition). London: Routledge.
- Lewis, D. (1973a). Causation. *Journal of Philosophy*, 70, 556–567. <https://doi.org/10.1093/0195036468.003.0006>
- Lewis, D. (1973b). *Counterfactuals*. Cambridge, Mass: Harvard University Press.
- Lewis, D. (1986). *Philosophical Papers, Vol. ii*. New York: Oxford University Press. <https://doi.org/10.1093/0195036468.001.0001>
- Linke, F. (forthcoming). *Introduction to Quantitative Methods in the Social Sciences*. Oxford: Oxford University Press.
- London Data Store. (2010). London Parliamentary Constituency Profiles 2010. <https://data.london.gov.uk/dataset/london-parliamentary-constituency-profiles>
- London Data Store. (2013). Ward Profiles and Atlas. <https://data.london.gov.uk/dataset/ward-profiles-and-atlas>

- Long, J., & Teetor, P. (2019). *R cookbook: proven recipes for data analysis, statistics, and graphics*. O'Reilly Media. <https://rc2e.com/>
- Machamer, P., Darden, L., & Craver, C. F. (2000). Thinking about Mechanisms. *Philosophy of Science*, 67(1), 1–25. <http://www.jstor.org/stable/188611>
- Marsh, C., & Elliott, J. (2008). *Exploring Data: An Introduction to Data Analysis for Social Scientists* (Second Edition). Cambridge: Polity Press.
- Marshall, M. G., & Gurr, T. R. (2020). Polity V Project: Political Regime Characteristics and Transitions, 1800–2018. <http://www.systemicpeace.org/inscrdata.html>
- Menzies, P., & Price, H. (1993). Causation as a secondary quality. *British Journal for the Philosophy of Science*, 44, 187–203. <https://doi.org/10.1093/bjps/44.2.187>
- Mill, J. S. (1888). *A System of Logic, Ratiocinative and Inductive* (Eighth Edition). New York: Harper; Brothers. <https://doi.org/10.4324/9781003009450-5>
- Miller, M., Boix, C., & Rosato, S. (2022). *Boix-Miller-Rosato Dichotomous Coding of Democracy, 1800-2020*. <https://doi.org/10.7910/DVN/FENWWR>
- Oxford Learner's Dictionaries. (n.d.). <https://www.oxfordlearnersdictionaries.com/>
- Pearl, J. (2019). *The Book of Why: The New Science of Cause and Effect*. London: Penguin.
- Pierce, R. (2008). *Research Methods in Politics*. Thousand Oaks, CA: Sage. <https://doi.org/10.4135/9780857024589>
- Przeworski, A., Alvarez, M. E., Cheibub, J. A., & Limongi, F. (2000). *Democracy and Development - Political Institutions and Well-Being in the World, 1950-1990*. Cambridge: Cambridge University Press. <https://doi.org/10.1017/CBO9780511804946>
- Ramsey, J. B. (1969). Tests for Specification Error in Classical Linear Least Squares Regression Analysis. *Journal of the Royal Statistical Society, B*(31), 350–371. <https://doi.org/10.1111/j.2517-6161.1969.tb00796.x>
- Rauh, C., & Schwalbach, J. (2020). *The ParlSpeech V2 data set: Full-text corpora of 6.3 million parliamentary speeches in the key legislative chambers of nine representative democracies*. <https://doi.org/10.7910/DVN/L4OAKN>
- Readable.com. (n.d.). *Flesch-Kincaid Grade Level: What Is It and How Does It Work*. <https://readable.com/readability/flesch-reading-ease-flesch-kincaid-grade-level/>
- Rosenfeld, M. (n.d.). OLS in Matrix Form. https://web.stanford.edu/~mrosenfe/soc_meth_proj3/matrix_OLS_NYU_notes.pdf
- Sapsford, R., & Jupp, V. (2006). *Statistics with R – A Beginner's Guide* (Second Edition). Thousand Oaks, CA: Sage.
- Sheather, S. J. (2009). *A Modern Approach to Regression with R*. Berlin: Springer. <https://doi.org/10.1007/978-0-387-09608-7>
- Stimson, J. A. (n.d.). *Professional Writing in Political Science: A Highly opinionated Essay*. <http://stimson.web.unc.edu/files/2018/02/Writing.pdf>
- Stinerock, R. (2022). *Statistics with R – A Beginner's Guide* (Second Edition). Thousand Oaks, CA: Sage.
- Tarling, R. (2009). *Statistical Modelling for Social Researchers: Principles and Practice*. London: Routledge.

- Teetor, P. (2011). *25 Recipes for Getting Started with R*. O'Reilly Media.
- Tufte, E. R. (2001). *The Visual Display of Quantitative Information* (Second Edition). Cheshire, Conn: Graphics Press. <https://doi.org/10.1198/tech.2002.s78>
- tylervigen.com. (n.d.). *Spurious correlations*. <https://www.tylervigen.com/spurious-correlations>
- University of Manchester, Cathie Marsh Institute for Social Research (CMIST), UK Data Service, Office for National Statistics. (2019). Crime Survey for England and Wales, 2013-2014: Unrestricted Access Teaching Dataset. <https://doi.org/10.5255/UKDA-SN-8011-1>
- van der Laken, P. (2023). *Corrrtable: Creates and saves out a correlation table with significance levels indicated* [R package version 0.1.1]. <https://CRAN.R-project.org/package=corrrtable>
- Vanderbilt University Department of Biostatistics. (n.d.). Vanderbilt Biostatistics Datasets. <https://hbiostat.org/data/>
- Verzani, J. (2014). *Using R for Introductory Statistics* (Second Edition). Boca Raton: Chapman & Hall/CRC. <https://doi.org/10.1201/9781315373089>
- von Wright, G. H. (1971). *Explanation and Understanding*. Ithaca, NY: Cornell University Press. <https://doi.org/10.4324/9781315823171>
- Walliman, N. (2020). *Our Research Project – Designing, Planning, and Getting Started* (Fourth Edition). London: Sage.
- Webb, R. (2023). 7.5: Interpreting a confidence interval. *LibreTexts – Statistics*. [https://stats.libretexts.org/Bookshelves/Introductory_Statistics/Mostly_Harmless_Statistics_\(Webb\)/07%3A_Confidence_Intervals_for_One_Population/7.05%3A_Interpreting_a_Confidence_Interval](https://stats.libretexts.org/Bookshelves/Introductory_Statistics/Mostly_Harmless_Statistics_(Webb)/07%3A_Confidence_Intervals_for_One_Population/7.05%3A_Interpreting_a_Confidence_Interval)
- Weber, M. (1906). *Selections in Translation* (W. G. Runciman, Ed.). Cambridge: Cambridge University Press. (Original work published 1978)
- World Bank. (n.d.). World Development Indicators. <https://datacatalog.worldbank.org/dataset/world-development-indicators>
- World Values Survey Association. (2025). *World values survey*. <https://www.worldvaluessurvey.org/wvs.jsp>