

PUBLG100: Introduction to Quantitative Methods

PUBLG100A and PUBLG100B

View Online



1.

Course outline and information.

2.

Course resources.

3.

Kellstedt, P. M. & Whitten, G. D. The fundamentals of political science research. (Cambridge University Press, 2013).

4.

Lohr, S. For Today's Graduate, Just One Word: Statistics. New York Times (2009).

5.

Lohr, S. The Age of Big Data. New York Times (2012).

6.

Hamilton, Lawrence C. Statistics with Stata. (Brooks/Cole, 2009).

7.

Baum, Christopher F. An introduction to modern econometrics using Stata. (Stata Press, 2006).

8.

Rabe-Hesketh, S. & Everitt, Brian. A handbook of statistical analyses using Stata. (Chapman & Hall/CRC, 2004).

9.

Garner, R. The joy of stats: a short guide to introductory statistics in the social sciences. (University of Toronto Press, 2010).

10.

Rowntree, D. Statistics without tears: a primer for non-mathematicians. vol. Allyn and Bacon classics (Allyn and Bacon, 2004).

11.

Salkind, N. J. Statistics for people who (think they) hate statistics. (SAGE, 2013).

12.

Tufte, Edward R. The visual display of quantitative information. (Graphics Press, 2001).

13.

Yau, Nathan. Visualize this: the FlowingData guide to design, visualization, and statistics. (Wiley Pub, 2011).

14.

Kellstedt, P. M. & Whitten, G. D. The fundamentals of political science research. (Cambridge University Press, 2013).

15.

Babbie, Earl R. The practice of social research. (Thomson/Wadsworth, 2004).

16.

Weisberg, Herbert F. Central tendency and variability. vol. A Sage university papers series. Quantitative applications in the social sciences (Sage Publications, 1992).

17.

Pennings, Paul, Keman, Hans, & Kleinnijenhuis, J. Doing research in political science: an introduction to comparative methods and statistics. (Sage, 1999).

18.

McClave, J. T. & Sincich, T. A first course in statistics. (Pearson, 2014).

19.

Kellstedt, P. M. & Whitten, G. D. The fundamentals of political science research. (Cambridge University Press, 2013).

20.

Weiss, N. A., Holmes, P. T. & Hardy, M. A course in probability. (Addison-Wesley, 2006).

21.

Freund, J. E. Introduction to Probability. (Dover Publications, 2012).

22.

Levin, Jack, Fox, James Alan, & Forde, David R. Elementary statistics in social research. (Allyn & Bacon, 2010).

23.

Gilovich, T., Vallone, R. & Tversky, A. The hot hand in basketball: On the misperception of random sequences. *Cognitive Psychology* **17**, 295–314.

24.

Kellstedt, P. M. & Whitten, G. D. The fundamentals of political science research. (Cambridge University Press, 2013).

25.

Levin, Jack, Fox, James Alan, & Forde, David R. Elementary statistics in social research. (Allyn & Bacon, 2010).

26.

DeGroot, Morris H. & Schervish, Mark J. Probability and statistics. (Addison-Wesley, 2002).

27.

Kellstedt, P. M. & Whitten, G. D. The fundamentals of political science research. (Cambridge University Press, 2013).

28.

Levin, Jack, Fox, James Alan, & Forde, David R. Elementary statistics in social research. (Allyn & Bacon, 2010).

29.

Bray, J. H. & Maxwell, S. E. Multivariate analysis of variance. vol. A Sage university paper. Quantitative applications in the social sciences (Sage Publications, 1985).

30.

Kellstedt, P. M. & Whitten, G. D. The fundamentals of political science research. (Cambridge University Press, 2013).

31.

Chen, Peter Y. & Popovich, Paula M. Correlation: parametric and nonparametric measures. vol. Sage university papers series (Sage Publications, 2002).

32.

Liebetrau, A. M. Measures of association. vol. Sage university papers series. Quantitative applications in the social sciences (Sage, 1983).

33.

Kellstedt, P. M. & Whitten, G. D. The fundamentals of political science research. (Cambridge University Press, 2013).

34.

Berry, William D. & Feldman, Stanley A. Multiple regression in practice. vol. Sage university papers series (Sage, 1985).

35.

Berry, W. D. Understanding regression assumptions. vol. Sage university papers series. Quantitative applications in the social sciences (Sage Publications, 1993).

36.

Achen, Christopher H. Interpreting and using regression. vol. Sage university papers series (Sage Publications, 1982).

37.

Kastellec, J. P. & Leoni, E. L. Using Graphs Instead of Tables in Political Science. Perspectives on Politics **5**, 755–771.

38.

Kellstedt, P. M. & Whitten, G. D. The fundamentals of political science research. (Cambridge University Press, 2013).

39.

Brambor, T., Roberts Clark, W. & Golder, M. Understanding Interaction Models: Improving Empirical Analyses. *Political Analysis* **14**, 63–82.

40.

Amemiya, Takeshi. Introduction to statistics and econometrics. (Harvard University Press, 1994).

41.

Draper, Norman Richard & Smith, Harry. Applied regression analysis. vol. Wiley series in probability and mathematical statistics (Wiley, 1981).

42.

Fox, J. Regression diagnostics. vol. A Sage university papers series. Quantitative applications in the social sciences (Sage Publications, 1991).

43.

Kellstedt, P. M. & Whitten, G. D. The fundamentals of political science research. (Cambridge University Press, 2013).

44.

Long, J. S. Binary outcomes : the linear probability, probit, and logit models. in Regression models for categorical and limited dependent variables vol. Advanced quantitative techniques in the social sciences 34–84 (Sage Publications, 1997).

45.

Agresti, Alan. An introduction to categorical data analysis. vol. Wiley series in probability and statistics (Wiley, 1996).

46.

Aldrich, John Herbert & Nelson, Forrest D. Linear probability, logic and probit models. vol. Quantitative applications in the social sciences (Sage, 1984).

47.

Finney, D. J. Probit analysis: a statistical treatment of the sigmoid response curve. (Cambridge U.P, 1952).

48.

Kellstedt, P. M. & Whitten, G. D. The fundamentals of political science research. (Cambridge University Press, 2013).

49.

Hosmer, David W. & Lemeshow, Stanley. Applied logistic regression. vol. Wiley series in probability and mathematical statistics (Wiley, 1989).

50.

Menard, S. W. Applied logistic regression analysis. vol. Sage university papers. Quantitative applications in the social sciences (Sage Publications, 2002).

51.

Eliason, Scott R. Maximum likelihood estimation: logic and practice. vol. Quantitative applications in the social sciences (Sage, 1993).

52.

Gary King, Michael Tomz and Jason Wittenberg. Making the Most of Statistical Analyses: Improving Interpretation and Presentation. *American Journal of Political Science* **44**, 347–361 (2000).