

SOCI20069: Principles of Quantitative Social Science

Principles of Quantitative Social Science

[View Online](#)



(1)

Welcome – Blackboard Learn.

https://www.ole.bris.ac.uk/webapps/portal/execute/tabs/tabAction?tab_tab_group_id=_17_1.

(2)

SOCI20069 Unit Summary.

<https://www.bris.ac.uk/unit-programme-catalogue/UnitDetails.jsa?unitCode=SOCI20069>.

(3)

Marsh, C.; Elliott, J. Exploring Data: An Introduction to Data Analysis for Social Scientists, 2nd ed.; Polity: Cambridge, 2008.

(4)

Diez, D. M.; Barr, C. D.; Çetinkaya-Rundel, M. OpenIntro Statistics, Third edition ; Updated February 15th, 2016.; [publisher not identified]: [United States].

(5)

Field, A. P. Discovering Statistics Using SPSS, 5th edition.; Sage: Los Angeles, 2018.

(6)

MethodSpace - Connecting the Research Community. <https://www.methodspace.com/>.

(7)

Frankfort-Nachmias, C.; Leon-Guerrero, A. Social Statistics for a Diverse Society; SAGE Publications, Inc; Seventh edition, 2014.

(8)

Strand, S.; Cadwallader, S.; Firth, D. Statistical Regression Methods.
<http://www.restore.ac.uk/srme/www/fac/soc/wie/research-new/srme/index.html>.

(9)

Carlson, J. M.; Hyde, M. S. Doing Empirical Political Research; Houghton Mifflin: [London, 2003.

(10)

Meier, K. J.; Brudney, J. L.; Bohte, J. Applied Statistics for Public and Nonprofit Administration, Ninth edition.; Cengage Learning: Stamford, CT, USA, 2015.

(11)

John Hughes; Wes Sharrock. Theory and Methods in Sociology: An Introduction to Sociological Thinking and Practice; Palgrave Macmillan, 2007.

(12)

Bartholomew, D. J. Statistics without Mathematics; Sage Publications Ltd: London, 2016.

(13)

Salkind, N. J. Statistics for People Who (Think They) Hate Statistics, 3rd ed.; Sage: Los Angeles, Calif, 2008.

(14)

Rumsey, D. J. Statistics for Dummies; Wiley: Hoboken, N.J., 2003.

(15)

Feinstein, C. H.; Thomas, M. Making History Count: A Primer in Quantitative Methods for Historians; Cambridge University Press: Cambridge, 2002.

(16)

Khan Academy. <https://www.khanacademy.org/>.

(17)

Best, J. Damned Lies and Statistics: Untangling Numbers from the Media, Politicians, and Activists, Updated ed.; University of California Press: Berkeley, Calif, 2012.

(18)

Blastland, M.; Dilnot, A. W.; dawsonera. The Tiger That Isn't: Seeing through a World of Numbers, Expanded edition.; Profile: London, 2008.

(19)

Goldacre, B. Bad Science; Fourth Estate: London, 2009.

(20)

Marsh, C.; Elliott, J. Exploring Data, 2nd ed.; Polity: Cambridge, 2008.

(21)

Diez, D. M.; Barr, C. D.; Çetinkaya-Rundel, M. OpenIntro Statistics, Third edition ; Updated February 15th, 2016.; [publisher not identified]: [United States].

(22)

Field, A. Discovering Statistics Using IBM SPSS Statistics, 5th Revised edition.; SAGE Publications Ltd: London, 2017.

(23)

Understanding Society: Quantitative and Qualitative Social Science.
<https://understandingsociety.blogspot.com/2014/04/quantitative-and-qualitative-social.html>.

(24)

Field, A. P. Why Is My Evil Lecturer Forcing Me to Learn Statistics? In Discovering Statistics; Sage: Los Angeles, 2013; pp 1–38.

(25)

Dilnot, A. Don't Leave It Only to Economists: Why Quantitative Skills Are Needed Across the Social Sciences and Beyond.

(26)

Frankfort-Nachmias, C.; Leon-Guerrero, A. The What and the Why of Statistics. In Social Statistics for a Diverse Society; SAGE: Los Angeles, 2015; pp 1–26.

(27)

John Hughes; Wes Sharrock. Variable Analysis and Measurement. In Theory and Methods in Sociology; Palgrave Macmillan, 2007; pp 62–92.

(28)

Marsh, C.; Elliott, J. Scaling and Standardizing. In Exploring Data: An Introduction to Data Analysis for Social Scientists; Polity: Cambridge, 2008.

(29)

Diez, D. M.; Barr, C. D.; Çetinkaya-Rundel, M. OpenIntro Statistics, Third edition ; Updated February 15th, 2016.; [publisher not identified]: [United States].

(30)

Rowley, J. Designing and Using Research Questionnaires. *Management Research Review* 2014, 37 (3), 308–330. <https://doi.org/10.1108/MRR-02-2013-0027>.

(31)

UK Data Service. <https://www.ukdataservice.ac.uk/>.

(32)

British Social Attitudes Surveys. <http://www.britsocat.com/>.

(33)

Diez, D. M.; Barr, C. D.; Çetinkaya-Rundel, M. *OpenIntro Statistics*, Third edition ; Updated February 15th, 2016.; [publisher not identified]: [United States].

(34)

Rumsey, D. J. Measures of Relative Standing. In *Statistics for Dummies*; Wiley: Hoboken, N.J., 2003; pp 143–159.

(35)

Feinstein, C. H.; Thomas, M. Descriptive Statistics. In *Making History Count: A Primer in Quantitative Methods for Historians*; Cambridge University Press: Cambridge, 2002; pp 33–70. <https://doi.org/10.1017/CBO9781139164832.003>.

(36)

Salkind, N. J. Are Your Curves Normal? Probability and Why It Counts. In *Statistics for People who (Think They) Hate Statistics*; Sage: Los Angeles, Calif, 2008; pp 134–152.

(37)

Marsh, C.; Elliott, J. Exploring Data, 2nd ed.; Polity: Cambridge, 2008.

(38)

Diez, D. M.; Barr, C. D.; Çetinkaya-Rundel, M. OpenIntro Statistics, Third edition ; Updated February 15th, 2016.; [publisher not identified]: [United States].

(39)

Feinstein, C. H.; Thomas, M. Correlation. In Making History Count: A Primer in Quantitative Methods for Historians; Cambridge University Press: Cambridge, 2002; pp 71–92.
<https://doi.org/10.1017/CBO9781139164832.004>.

(40)

Rumsey, D. J. Looking for Links: Correlations and Association. In Statistics for Dummies; Wiley: Hoboken, N.J., 2003; pp 281–296.

(41)

Salkind, N. J. Ice Cream and Crime. In Statistics for people who (think they) hate statistics; Sage: Los Angeles, Calif, 2008; pp 74–96.

(42)

Pearson Correlation Coefficient Calculator. <http://www.socscistatistics.com/tests/pearson/>.

(43)

Spearman's Rho Calculator. <http://www.socscistatistics.com/tests/spearman/>.

(44)

Marsh, C.; Elliott, J. Percentage Tables. In Exploring Data: An Introduction to Data Analysis for Social Scientists; Polity: Cambridge, 2008; pp 117–140.

(45)

Diez, D. M.; Barr, C. D.; Çetinkaya-Rundel, M. OpenIntro Statistics, Third edition ; Updated February 15th, 2016.; [publisher not identified]: [United States].

(46)

Field, A. P. Everything You Never Wanted to Know About Statistics. In Discovering Statistics ; Sage: Los Angeles, 2013; pp 40–87.

(47)

Frankfort-Nachmias, C.; Leon-Guerrero, A. Social Statistics for a Diverse Society, Seventh edition.; SAGE: Los Angeles, 2015.

(48)

Feinstein, C. H.; Thomas, M. Standard Errors and Confidence Intervals. In Making History Count: A Primer in Quantitative Methods for Historians; Cambridge University Press: Cambridge, 2002; pp 117–148. <https://doi.org/10.1017/CBO9781139164832.006>.

(49)

Rumsey, D. J. Statistics for Dummies; Wiley: Hoboken, N.J., 2003.

(50)

Marsh, C.; Elliott, J. Analysing Contingency Tables. In Exploring Data; Polity: Cambridge, 2008; pp 141–160.

(51)

Diez, D. M.; Barr, C. D.; Çetinkaya-Rundel, M. OpenIntro Statistics, Third edition ; Updated February 15th, 2016.; [publisher not identified]: [United States].

(52)

Frankfort-Nachmias, C.; Leon-Guerrero, A. Testing Hypotheses. In Social statistics for a

diverse society; SAGE: Los Angeles, 2015; pp 267–299.

(53)

Feinstein, C. H.; Thomas, M. Hypothesis Testing. In Making History Count: A Primer in Quantitative Methods for Historians; Cambridge University Press: Cambridge, 2002; pp 149–184. <https://doi.org/10.1017/CBO9781139164832.007>.

(54)

Salkind, N. J. Statistics for People Who (Think They) Hate Statistics, 3rd ed.; Sage: Los Angeles, Calif, 2008.

(55)

Rumsey, D. J. Statistics for Dummies; Wiley: Hoboken, N.J., 2003.

(56)

Marsh, C.; Elliott, J. Scatterplots and Resistant Lines. In Exploring Data; Polity: Cambridge, 2008; pp 196–210.

(57)

Diez, D. M.; Barr, C. D.; Çetinkaya-Rundel, M. OpenIntro Statistics, Third edition ; Updated February 15th, 2016.; [publisher not identified]: [United States].

(58)

Field, A. P. Regression. In Discovering Statistics; Sage: Los Angeles, 2013; pp 293–320.

(59)

Frankfort-Nachmias, C.; Leon-Guerrero, A. Regression and Correlation. In Social statistics for a diverse society; SAGE: Los Angeles, 2015; pp 413–465.

(60)

Feinstein, C. H.; Thomas, M. Simple Linear Regression. In *Making History Count: A Primer in Quantitative Methods for Historians*; Cambridge University Press: Cambridge, 2002; pp 93–114. <https://doi.org/10.1017/CBO9781139164832.005>.

(61)

Feinstein, C. H.; Thomas, M. Three Illustrations of The Use of T-Tests. In *Making History Count: A Primer in Quantitative Methods for Historians*; Cambridge University Press: Cambridge, 2002; pp 149–184. <https://doi.org/10.1017/CBO9781139164832.007>.

(62)

Salkind, N. J. Predicting Who Will Win the Superbowl. In *Statistics for people who (think they) hate statistics*; Sage: Los Angeles, Calif, 2008; pp 245–259.

(63)

Rumsey, D. J. Looking for Links: Correlations and Associations. In *Statistics for Dummies*; Wiley: Hoboken, N.J., 2003; pp 291–295.

(64)

Marsh, C.; Elliott, J. Transformations. In *Exploring Data*; Polity: Cambridge, 2008; pp 212–229.

(65)

Diez, D. M.; Barr, C. D.; Çetinkaya-Rundel, M. *OpenIntro Statistics*, Third edition ; Updated February 15th, 2016.; [publisher not identified]: [United States].

(66)

Field, A. P. *Discovering Statistics Using IBM SPSS Statistics*, 4th ed.; Sage: Los Angeles, 2013.

(67)

Feinstein, C. H.; Thomas, M. Multiple Relationships. In *Making History Count: A Primer in Quantitative Methods for Historians*; Cambridge University Press: Cambridge, 2002; pp 231–257. <https://doi.org/10.1017/CBO9781139164832.009>.

(68)

Feinstein, C. H.; Thomas, M. The Classical Linear Regression Model. In *Making History Count: A Primer in Quantitative Methods for Historians*; Cambridge University Press: Cambridge, 2002; pp 258–279. <https://doi.org/10.1017/CBO9781139164832.010>.

(69)

Salkind, N. J. Using Linear Regression. In *Statistics for people who (think they) hate statistics*; Sage: Los Angeles, Calif, 2008; pp 257–259.

(70)

Marsh, C.; Elliott, J. *Exploring Data*, 2nd ed.; Polity: Cambridge, 2008.

(71)

Diez, D. M.; Barr, C. D.; Çetinkaya-Rundel, M. *OpenIntro Statistics*, Third edition ; Updated February 15th, 2016.; [publisher not identified]: [United States].

(72)

Field, A. P. *Discovering Statistics*, 4th ed.; Sage: Los Angeles, 2013.

(73)

Ziliak, S.; McCloskey, D. *The Cult of Statistical Significance*, 2009.

(74)

Field, A. *Discovering Statistics Using IBM SPSS Statistics*, 5th Revised edition.; SAGE Publications Ltd: London, 2017.