

BENVGSA3: Geographic Information Systems and Science: Adam Dennett

View Online



[1]

Adam's RPub website: http://rpubs.com/adam_dennett.

[2]

Alex Singleton's RPub website: <http://rpubs.com/alexsingleton/>.

[3]

An Introduction to the Modifiable Areal Unit Problem: <http://gispopsci.org/maup/>.

[4]

Anselin, L. 2010. Local Indicators of Spatial Association-LISA. *Geographical Analysis*. 27, 2 (Sept. 2010), 93-115. <https://doi.org/10.1111/j.1538-4632.1995.tb00338.x>.

[5]

ArcGIS Help 10.1 - How Spatial Autocorrelation (Global Moran's I) works:
<http://resources.arcgis.com/en/help/main/10.1/index.html#//005p000000t000000>.

[6]

ArcGIS Resources: <http://resources.arcgis.com/en/home/>.

[7]

Birkin, M. and Clarke, G. 2009. Geodemographics. International Encyclopedia of Human Geography.

[8]

Bivand, R. et al. 2008. Applied spatial data analysis with R. Springer.

[9]

Brewer, Cynthia A. 2005. Designing better maps: a guide for GIS users. ESRI Press.

[10]

Burrough, P.A. et al. 1998. Principles of geographical information systems, chapter 9/10. Oxford University Press.

[11]

Burrough, P.A. and McDonnell, R. 1998. Principles of geographical information systems. Oxford University Press.

[12]

Burrough, P.A. and McDonnell, R. 1998. Principles of geographical information systems - Chapter 10. Principles of geographical information systems. Oxford University Press.

[13]

Calder, C. and Cressie, N. 2009. Kriging and Variogram Models. International Encyclopedia of Human Geography.

[14]

Chang, W. 2012. R Graphics Cookbook. O'Reilly Media, Inc.

[15]

Chen, Y. 2013. New Approaches for Calculating Moran's Index of Spatial Autocorrelation. PLoS ONE. 8, 7 (2013). <https://doi.org/10.1371/journal.pone.0068336>.

[16]

Chris Brunsdon's RPubS Website: <http://rpubs.com/chrisbrunsdon>.

[17]

Chun, Y. and Griffith, D.A. 2013. Spatial statistics & geostatistics: theory and applications for geographic information science & technology. SAGE.

[18]

Cliff, A.D. and Ord, J.K. 1973. Spatial autocorrelation. Pion.

[19]

ColorBrewer: Color Advice for Maps: <http://colorbrewer2.org/>.

[20]

data.gov.uk: <http://data.gov.uk/>.

[21]

Digimap Home Page: <http://digimap.edina.ac.uk/digimap/home>.

[22]

Dodge, Martin et al. 2011. The map reader: theories of mapping practice and cartographic representation. Wiley-Blackwell.

[23]

Dorling, D. 2013. The 32 stops: lives on London's Central Line. Penguin.

[24]

Dorling, Daniel et al. 2008. The atlas of the real world: mapping the way we live. Thames & Hudson.

[25]

Dunn, R. 1989. Building regression models: the importance of graphics. *Journal of Geography in Higher Education*. 13, 1 (Jan. 1989), 15–30.

<https://doi.org/10.1080/03098268908709055>.

[26]

Eurostat Home: <http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home>.

[27]

Field, A.P. et al. 2012. *Discovering statistics using R*. Sage.

[28]

Field, A.P. et al. 2012. *Discovering statistics using R*. Sage.

[29]

Fischer, M.M. and Getis, A. 2009. *Handbook of applied spatial analysis: software tools, methods and applications*. Springer.

[30]

Fotheringham, A. Stewart et al. 2000. *Quantitative geography: perspectives on spatial data*

analysis. Sage.

[31]

Fotheringham, A. Stewart and Rogerson, Peter 2009. The SAGE handbook of spatial analysis. SAGE.

[32]

Fotheringham, A.S. et al. 2002. Geographically weighted regression: the analysis of spatially varying relationships. John Wiley & Sons.

[33]

Fotheringham, S. 2006. Quantification, Evidence, Positivism. Approaches to human geography. SAGE.

[34]

Geofabrik - OSM downloads: <http://download.geofabrik.de/>.

[35]

Geo-Refer > Online Geographical Referencing Resources for Social Scientists -- Resources: <http://www.restore.ac.uk/geo-refer/resources.php>.

[36]

ggplot2: <http://docs.ggplot2.org/current/>.

[37]

Goodchild, M. 2009. First Law of Geography. International Encyclopedia of Human Geography.

[38]

Goodchild, M. 2009. GIS and Cartography. International Encyclopedia of Human Geography

[39]

Goodchild, M. 2009. GIScience and Systems. International Encyclopedia of Human Geography.

[40]

Goodchild, M. 2009. GIScience and Systems. International Encyclopedia of Human Geography.

[41]

Goodchild, M.F. 1986. Spatial autocorrelation. Geo Books.

[42]

Goodchild, M.F. 2009. What Problem? Spatial Autocorrelation and Geographic Information Science. Geographical Analysis. 41, 4 (Oct. 2009), 411-417.
<https://doi.org/10.1111/j.1538-4632.2009.00769.x>.

[43]

Griffin, A.L. 2009. Color, Mapping. International Encyclopedia of Human Geography.

[44]

Haining, R. 2009. The Special Nature of Geographic Data. The SAGE handbook of spatial analysis. SAGE.

[45]

Haining, R.P. 2009. Spatial Autocorrelation and the Quantitative Revolution. Geographical

Analysis. 41, 4 (Oct. 2009), 364–374. <https://doi.org/10.1111/j.1538-4632.2009.00763.x>.

[46]

Haklay, M. 2010. How good is volunteered geographical information? A comparative study of OpenStreetMap and Ordnance Survey datasets. 37, 4 (2010), 682–703.

[47]

Harley, J. 1989. Deconstructing the map. 26, 2 (1989).

[48]

Harris, R. et al. 2005. Geodemographics, GIS, and neighbourhood targeting. Wiley.

[49]

Harris, R. and Jarvis, C. 2011. Statistics in geography and environmental science. Prentice Hall.

[50]

Huisman, O. and de By, R. 2009. Principles of Geographic Information Systems (4th Edition). ITC Educational Textbook.

[51]

Kalkhan, M.A. 2011. Spatial statistics: geospatial information modeling and thematic mapping. CRC.

[52]

Kessler, F. 2009. Projections. International Encyclopedia of Human Geography.

[53]

Kitchin, R. et al. 2013. Unfolding mapping practices: a new epistemology for cartography. *Transactions of the Institute of British Geographers*. 38, 3 (July 2013), 480–496.
<https://doi.org/10.1111/j.1475-5661.2012.00540.x>.

[54]

Kitchin, R. and Dodge, M. *Rethinking Maps*. Progress in Human Geography.

[55]

Krygier, John and Wood, Denis 2011. *Making maps: a visual guide to map design for GIS*. Guilford.

[56]

Lam, N. 2009. Spatial Interpolation. *International Encyclopedia of Human Geography*.

[57]

Longley, P. 2011. Chapter 5 - Georeferencing. *Geographic information systems & science*. John Wiley & Sons.

[58]

Longley, P. and Longley, P. 2011. Chapter 3 - Representing Geography. *Geographic information systems & science*. John Wiley & Sons.

[59]

Longley, P. and Longley, P. 2011. Chapter 6 - Uncertainty. *Geographic information systems & science*. John Wiley & Sons.

[60]

Longley, Paul et al. 2003. *Advanced spatial analysis: the CASA book of GIS*. ESRI Press.

[61]

Longley, Paul 2011. Geographic information systems & science. John Wiley & Sons.

[62]

Longley, Paul 2011. Geographic information systems & science. John Wiley & Sons.

[63]

Longley, Paul 2011. Geographic Information Systems and Science - Chapters 14 & 15. Geographic information systems & science. John Wiley & Sons.

[64]

Lu, Y. 2009. Spatial Clustering, Detection and Analysis of. International Encyclopedia of Human Geography.

[65]

Mackness, W. and Chaudhry, O. 2009. Generalization. International Encyclopedia of Human Geography.

[66]

Making Maps: DIY Cartography | Resources and Ideas for Making Maps:
<http://makingmaps.net/>.

[67]

Martin, David 1996. Geographic information systems: socioeconomic applications. Routledge.

[68]

Miller, H.J. 2004. Tobler's First Law and Spatial Analysis. *Annals of the Association of American Geographers*. 94, 2 (June 2004), 284–289.
<https://doi.org/10.1111/j.1467-8306.2004.09402005.x>.

[69]

Monmonier, Mark S. 1996. *How to lie with maps*. University of Chicago Press.

[70]

Monmonier, Mark S. 1996. *How to lie with maps*. University of Chicago Press.

[71]

Monmonier, Mark S. 1996. *How to Lie With Maps*, Chapter 10. *How to lie with maps*. University of Chicago Press.

[72]

Nick Bearman's RPub website: <http://rpubs.com/nickbearman/>.

[73]

Páez, A. and Wheeler, D. 2009. Geographically Weighted Regression. *International Encyclopedia of Human Geography*.

[74]

Pearce, J. 2009. Regression, Linear and Nonlinear. *International Encyclopedia of Human Geography*.

[75]

Pickles, J. 1995. *Ground Truth - Chapters 1, 3 & 7*. *Ground truth: the social implications of geographic information systems*. Guilford Press.

[76]

Pickles, John 1995. Ground truth: the social implications of geographic information systems . Guilford Press.

[77]

Plant OSM - Open Street Map downloads: <http://planet.openstreetmap.org/>.

[78]

R Tutorials: http://www.social-statistics.org/?page_id=1085.

[79]

Rees, P. H. 2002. The census data system. Wiley.

[80]

Ripley, B.D. 1981. Spatial statistics. Wiley.

[81]

Rogerson, P. 2010. Chapter 1. Statistical methods for geography: a student's guide. SAGE.

[82]

Rogerson, P. 2010. Statistical methods for geography: a student's guide. SAGE.

[83]

RStudio: <http://www.rstudio.com/>.

[84]

Rushton, G. and Tiwari, C. Spatial Filtering/Kernel Density Estimation. International Encyclopedia of Human Geography.

[85]

Schuurman, Nadine 2004. GIS: a short introduction. Blackwell.

[86]

Spector, P. 2008. Data manipulation with R. Springer.

[87]

Steinberg, Steven J. and Steinberg, Sheila L. 2006. GIS: geographic information systems for the social sciences : investigating space and place. SAGE.

[88]

Sui, D. 2009. Ecological Fallacy. International Encyclopedia of Human Geography.

[89]

Sui, D.Z. 2004. Tobler's First Law of Geography: A Big Idea for a Small World? Annals of the Association of American Geographers. 94, 2 (June 2004), 269-277.
<https://doi.org/10.1111/j.1467-8306.2004.09402003.x>.

[90]

The R Project for Statistical Computing: <http://www.r-project.org/>.

[91]

Tobler, W. 2004. On the First Law of Geography: A Reply. Annals of the Association of American Geographers. 94, 2 (June 2004), 304-310.
<https://doi.org/10.1111/j.1467-8306.2004.09402009.x>.

[92]

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

[93]

Twenty years of progress: GIScience in 2010:
<http://www.josis.org/index.php/josis/article/view/32>.

[94]

UK Data Service: <http://ukdataservice.ac.uk/>.

[95]

Unwin, D. 2009. Trend Surface Models. International Encyclopedia of Human Geography.

[96]

Views of the World | worldmapping beyond mere description:
<http://www.viewsoftheworld.net/>.

[97]

Wickham, H. 2009. ggplot2: elegant graphics for data analysis. Springer.

[98]

Wong, D. 2009. Modifiable Areal Unit Problem. International Encyclopedia of Human Geography.

[99]

Wong, D. 2009. The modifiable area unit problem (MAUP). The SAGE handbook of spatial analysis. SAGE.

[100]

Wood, D. and Krygier, J. 2009. Critical Cartography. International Encyclopedia of Human Geography.

[101]

Wood, Denis et al. 2010. Rethinking the power of maps. Guilford Press.

[102]

Chapter 4 - Building Blocks of Spatial Analysis. Geospatial Analysis - spatial and GIS analysis techniques and GIS software.

[103]

Geospatial Analysis - spatial and GIS analysis techniques and GIS software.

[104]

Geospatial Analysis - spatial and GIS analysis techniques and GIS software.