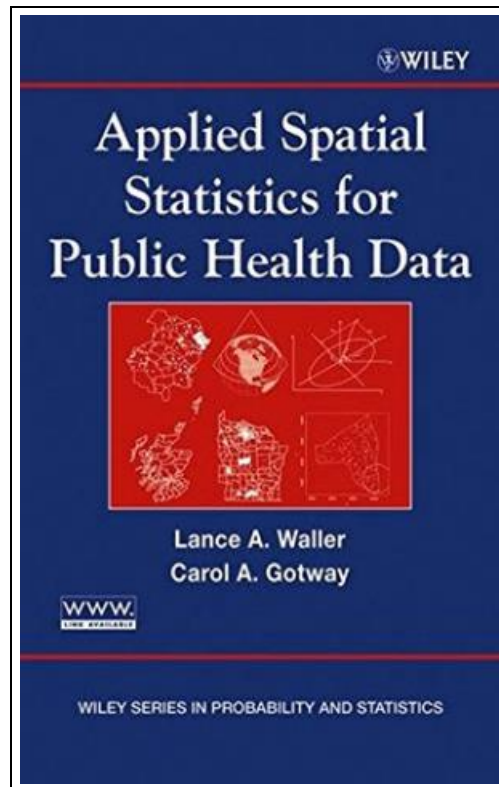


Applied Spatial Statistics for Public Health Data



Filesize: 3.17 MB

Reviews

The publication is great and fantastic. It really is simplistic but surprises within the 50 % from the publication. Your daily life span will be change when you comprehensive reading this article book.
(Althea Aufderhar)

APPLIED SPATIAL STATISTICS FOR PUBLIC HEALTH DATA

[DOWNLOAD](#)

Wiley-Interscience, 2004. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Preface. Acknowledgments. 1 Introduction. 1.1 Why Spatial Data in Public Health? 1.2 Why Statistical Methods for Spatial Data? 1.3 Intersection of Three Fields of Study. 1.4 Organization of the Book. 2 Analyzing Public Health Data. 2.1 Observational vs. Experimental Data. 2.2 Risk and Rates. 2.2.1 Incidence and Prevalence. 2.2.2 Risk. 2.2.3 Estimating Risk: Rates and Proportions. 2.2.4 Relative and Attributable Risks. 2.3 Making Rates Comparable: Standardized Rates. 2.3.1 Direct Standardization. 2.3.2 Indirect Standardization. 2.3.3 Direct or Indirect? 2.3.4 Standardizing to What Standard? 2.3.5 Cautions with Standardized Rates. 2.4 Basic Epidemiological Study Designs. 2.4.1 Prospective Cohort Studies. 2.4.2 Retrospective Case-Control Studies. 2.4.3 Other Types of Epidemiological Studies. 2.5 Basic Analytic Tool: The Odds Ratio. 2.6 Modeling Counts and Rates. 2.6.1 Generalized Linear Models. 2.6.2 Logistic Regression. 2.6.3 Poisson Regression. 2.7 Challenges in the Analysis of Observational Data. 2.7.1 Bias. 2.7.2 Confounding. 2.7.3 Effect Modification. 2.7.4 Ecological Inference and the Ecological Fallacy. 2.8 Additional Topics and Further Reading. 2.9 Exercises. 3 Spatial Data. 3.1 Components of Spatial Data. 3.2 An Odyssey into Geodesy. 3.2.1 Measuring Location: Geographical Coordinates. 3.2.2 Flattening the Globe: Map Projections and Coordinate Systems. 3.2.3 Mathematics of Location: Vector and Polygon Geometry. 3.3 Sources of Spatial Data. 3.3.1 Health Data. 3.3.2 Census-Related Data. 3.3.3 Geocoding. 3.3.4 Digital Cartographic Data. 3.3.5 Environmental and Natural Resource Data. 3.3.6 Remotely Sensed Data. 3.3.7 Digitizing. 3.3.8 Collect Your Own! 3.4 Geographic Information Systems. 3.4.1 Vector and Raster GISs. 3.4.2 Basic GIS Operations. 3.4.3 Spatial Analysis within GIS. 3.5 Problems with Spatial Data and GIS. 3.5.1 Inaccurate and Incomplete Databases. 3.5.2 Confidentiality. 3.5.3 Use of ZIP Codes. 3.5.4 Geocoding Issues. 3.5.5 Location Uncertainty. 4 Visualizing Spatial Data. 4.1 Cartography: The Art and Science of Mapmaking. 4.2 Types of...

[Read Applied Spatial Statistics for Public Health Data Online](#)[Download PDF Applied Spatial Statistics for Public Health Data](#)

See Also

**Read Write Inc. Phonics: Yellow Set 5 Storybook 9 Grow Your Own Radishes**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 175 x 148 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read...

[Read PDF »](#)



RCadvisor s Modify: Design and Build From Scratch Your Own Modern Flying Model Airplane In One Day for Just
Rcadvisor.com, United States, 2009. Paperback. Book Condition: New. 238 x 166 mm. Language: English . Brand New Book ***** Print on Demand *****.Experience firsthand the joys of building and flying your very own model airplane...

[Read PDF »](#)

**Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]**

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

[Read PDF »](#)

**Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]**

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

[Read PDF »](#)

**Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large**

Madelyn DR Books. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.This book is about my cousin, Billy a guy who taught me a lot over the years and who...

[Read PDF »](#)