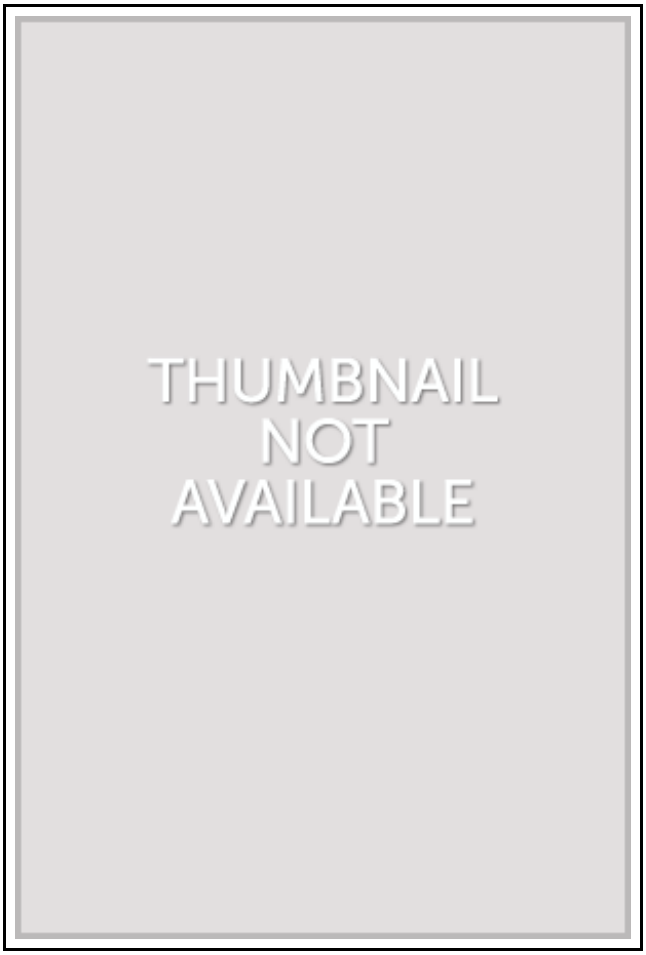
Applied Spatial Statistics for Public Health Data



Filesize: 9.23 MB

Reviews

It is an incredible book which i actually have ever go through. it had been writtern extremely completely and helpful. You can expect to like the way the blogger publish this book.
(Prof. Jerad Lesch)

APPLIED SPATIAL STATISTICS FOR PUBLIC HEALTH DATA

DOWNLOAD

To save **Applied Spatial Statistics for Public Health Data** eBook, remember to click the button under and download the file or gain access to other information that are related to APPLIED SPATIAL STATISTICS FOR PUBLIC HEALTH DATA book.

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
Download ePUB Applied Spatial Statistics for Public Health Data

Relevant PDFs



[PDF] Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

Click the link below to download "Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)" PDF file.

Read Book »



[PDF] The Web Collection Revealed, Premium Edition: Adobe Dreamweaver CS6, Flash CS6, and Photoshop CS6 (Stay Current with Adobe Creative Cloud)

Click the link below to download "The Web Collection Revealed, Premium Edition: Adobe Dreamweaver CS6, Flash CS6, and Photoshop CS6 (Stay Current with Adobe Creative Cloud)" PDF file.

Read Book »



[PDF] Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep

Click the link below to download "Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep" PDF file.

Read Book »



[PDF] Maisy's Christmas Tree

Click the link below to download "Maisy's Christmas Tree" PDF file.

Read Book »



[PDF] Writing for the Web (Paperback)

Click the link below to download "Writing for the Web (Paperback)" PDF file.

Read Book »



[PDF] Slavonic Rhapsody in A-Flat Major, B.86.3: Study Score (Paperback)

Click the link below to download "Slavonic Rhapsody in A-Flat Major, B.86.3: Study Score (Paperback)" PDF file.

Read Book »

[PDF] Art appreciation (travel services and hotel management professional services and management expertise secondary vocational education teaching materials supporting national planning book)(Chinese Edition)

Click the link listed below to get "Art appreciation (travel services and hotel management professional services and management expertise secondary vocational education teaching materials supporting national planning book)(Chinese Edition)" PDF document.

Download Book »

[PDF] Serenade for Winds, Op. 44 / B. 77: Study Score (Paperback)

Click the link listed below to get "Serenade for Winds, Op. 44 / B. 77: Study Score (Paperback)" PDF document.

Download Book »

[PDF] Republic 3: The Gods of War

Click the link listed below to get "Republic 3: The Gods of War" PDF document.

Download Book »

[PDF] Dom's Dragon - Read it Yourself with Ladybird: Level 2

Click the link listed below to get "Dom's Dragon - Read it Yourself with Ladybird: Level 2" PDF document.

Download Book »

[PDF] In Nature s Realm, Op.91 / B.168: Study Score (Paperback)

Click the link listed below to get "In Nature s Realm, Op.91 / B.168: Study Score (Paperback)" PDF document.

Download Book »

[PDF] Genuine] action harvest - Kunshan Yufeng Experimental School educational experiment documentary(Chinese Edition)

Click the link listed below to get "Genuine] action harvest - Kunshan Yufeng Experimental School educational experiment documentary(Chinese Edition)" PDF document.

Download Book »