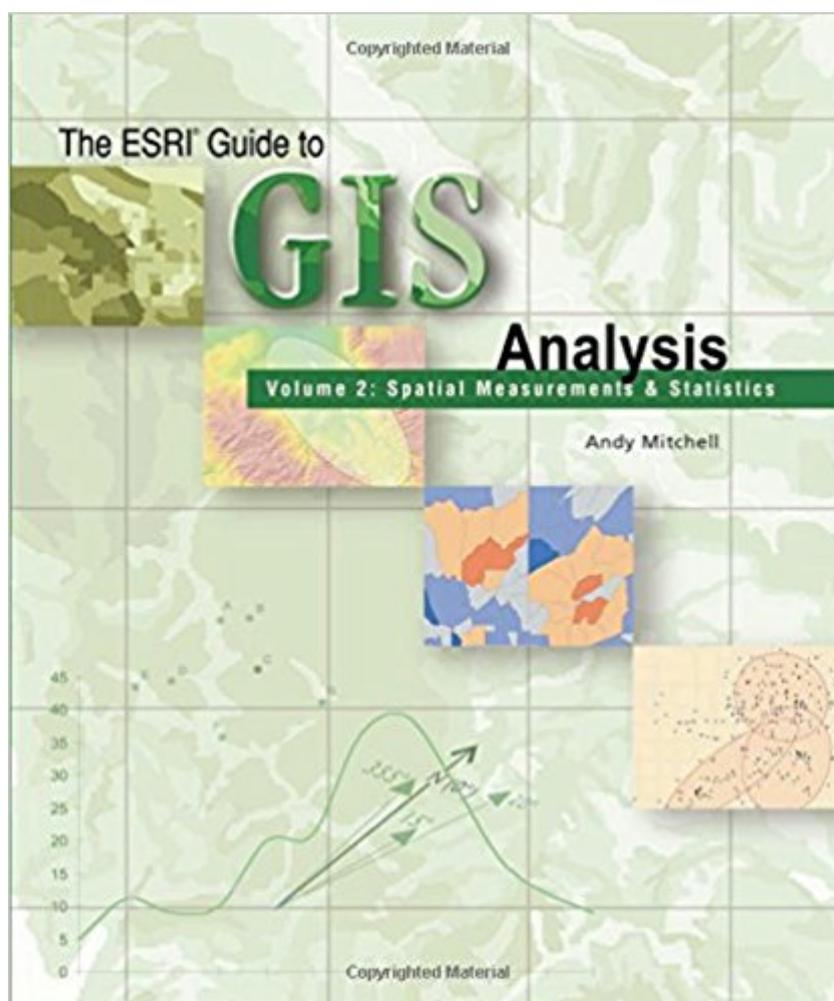


The book was found

The Esri Guide To GIS Analysis, Volume 2: Spatial Measurements And Statistics



Synopsis

Backed by the collective knowledge and experience of the world's leading Geographic Information Systems (GIS) company, the concepts and methods presented in this volume will allow users to unleash the full analytic power of their GIS. The most commonly used spatial statistical tools are described in detail along with their applications in a range of disciplines, from crime analysis to habitat conservation. GIS users will learn how features are distributed, how to analyze the pattern created by the features, and how to determine the relationships between them. Four general statistical concepts are discussed, including testing statistical significance, defining spatial neighborhoods and weights, and using statistics with spatial data. Advice on determining which statistical tool to use in a given situation is also provided.

Book Information

Series: Esri Guide to GIS Analysis (Book 2)

Paperback: 252 pages

Publisher: Esri Press; 1 edition (July 1, 2005)

Language: English

ISBN-10: 158948116X

ISBN-13: 978-1589481169

Product Dimensions: 7.6 x 0.6 x 8.9 inches

Shipping Weight: 1.5 pounds (View shipping rates and policies)

Average Customer Review: 4.1 out of 5 stars 21 customer reviews

Best Sellers Rank: #106,214 in Books (See Top 100 in Books) #10 in [Books > Computers & Technology > Programming > Graphics & Multimedia > GIS](#) #25 in [Books > Computers & Technology > Graphics & Design > Computer Modelling > Remote Sensing & GIS](#) #27 in [Books > Science & Math > Earth Sciences > Geography > Information Systems](#)

Customer Reviews

Andy Mitchell is a technical writer with more than 20 years experience in GIS. He is the author of *"The ESRI Guide to GIS Analysis, Volume 1: Geographic Patterns and Relationships"* and *"Zeroing In"* and the coauthor of *"Getting Started with ArcGIS,"* He lives in Santa Barbara, California.

I was not sure if I should give this book 4 stars or 3. I first decided on 4 because the book only does not go into enough detail about difficult subjects like the null hypothesis, which is crucial to

understanding everything that follows, and there were no Z-score or critical t-value tables, which would of been nice. Then as I fumbled around I found out that there are typos which further makes learning a new subject more difficult. For example on one page a symbol is written as $G_e(d)$ and on the next page $G_d(e)$, or sentences are wrong like, "...subtracts the value of each feature from the mean..." and two sentences later it says, "...the mean is subtracted from the value of the feature...". Hmm. The book needs reworking. Because of the typos problem, I settled on 3 stars. Nevertheless, it is an important source about an important subject, and i would recommend it. I just hope the author revisits it and expands it a little more, removes the typos and adds some statistical tables in the back.

Excellent, simple, reference book for GIS analysis. If you are a beginner with GIS analysis this book is ideal, at the same time, if you use more advanced methods, but are not constantly using the technology you will definitely want this as a reference. When in doubt with more complicated methodology, go back to the basics with this book. I lost it and got it again, this is how useful I think it is.

My favorite series =)

Great book on GIS Analysis

Very easy to read and understand the covered concepts. It's light on the statistical jargon, so only a basic understanding of statistics is required.

great resource

Great book,very useful.

This book is great if you want to learn spatial analysis and statistical methods. Very clear, concise, with images and examples.

[Download to continue reading...](#)

The Esri Guide to GIS Analysis, Volume 2: Spatial Measurements and Statistics GIS Tutorial 2: Spatial Analysis Workbook (GIS Tutorials) The ESRI Guide to GIS Analysis Volume 1: Geographic Patterns & Relationships GIS and Spatial Analysis in Veterinary Science Spatial Analysis: Modelling

in a GIS Environment Statistics for People Who (Think They) Hate Statistics (Salkind, Statistics for People Who(Think They Hate Statistics(Without CD)) GIS Tutorial for Crime Analysis (GIS Tutorials) Pantry Stuffers Rehydration Calculations Made Easy: U.S. Measurements / Pantry Stuffers Rehydration Calculations Made Easy: Metric Measurements Master The Mechanical Aptitude and Spatial Relations Test (Mechanical Aptitude and Spatial Relations Tests) Barron's Mechanical Aptitude and Spatial Relations Test, 3rd Edition (Barron's Mechanical Aptitude & Spatial Relations Test) Designing Better Maps: A Guide for GIS UsersA Guide for GIS Users Making Spatial Decisions Using GIS and Remote Sensing: A Workbook Placing History: How Maps, Spatial Data, and GIS Are Changing Historical Scholarship Making Spatial Decisions Using GIS and Lidar: A Workbook Spatial Analysis: Statistics, Visualization, and Computational Methods Spatial Reasoning for Effective GIS GIS Research Methods: Incorporating Spatial Perspectives GIS Tutorial 1: Basic Workbook, 10.3 Edition (GIS Tutorials) GIS Tutorial 1: Basic Workbook, 10.1 Edition (GIS Tutorials) GIS Tutorial for Health, fifth edition: Fifth Edition (GIS Tutorials)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)