



Elementary Statistics for Geographers, Third Edition

By James E. Burt PhD, Gerald M. Barber PhD, David L. Rigby PhD

Download now

Read Online 

Elementary Statistics for Geographers, Third Edition By James E. Burt PhD, Gerald M. Barber PhD, David L. Rigby PhD

Widely adopted, this uniquely comprehensive text introduces the techniques and concepts of statistics in human and physical geography. Unlike other texts that gloss over the conceptual foundations and focus solely on method, the book explains not only how to apply quantitative tools but also why and how they work. Students gain important skills for utilizing both conventional and spatial statistics in their own research, as well as for critically evaluating the work of others. Most chapters are self-contained in order to provide maximum flexibility in course design. Requiring no math beyond algebra, the book is well suited for undergraduate and beginning graduate-level courses. Helpful features include chapter summaries, suggestions for further reading, and practice problems at the end of each chapter.

New to This Edition

- *Restructured and updated to reflect current developments in the field.
- *Five entirely new chapters cover graphical methods, spatial relationships, analysis of variance, extending regression analysis, and spatial analysis.
- *Features even more worked examples, many with accompanying graphics.
- *The companion website offers datasets and solutions to selected end-of-chapter exercises.

 [Download Elementary Statistics for Geographers, Third Editi ...pdf](#)

 [Read Online Elementary Statistics for Geographers, Third Edi ...pdf](#)

Elementary Statistics for Geographers, Third Edition

By James E. Burt PhD, Gerald M. Barber PhD, David L. Rigby PhD

Elementary Statistics for Geographers, Third Edition By James E. Burt PhD, Gerald M. Barber PhD, David L. Rigby PhD

Widely adopted, this uniquely comprehensive text introduces the techniques and concepts of statistics in human and physical geography. Unlike other texts that gloss over the conceptual foundations and focus solely on method, the book explains not only how to apply quantitative tools but also why and how they work. Students gain important skills for utilizing both conventional and spatial statistics in their own research, as well as for critically evaluating the work of others. Most chapters are self-contained in order to provide maximum flexibility in course design. Requiring no math beyond algebra, the book is well suited for undergraduate and beginning graduate-level courses. Helpful features include chapter summaries, suggestions for further reading, and practice problems at the end of each chapter.

New to This Edition

- *Restructured and updated to reflect current developments in the field.
- *Five entirely new chapters cover graphical methods, spatial relationships, analysis of variance, extending regression analysis, and spatial analysis.
- *Features even more worked examples, many with accompanying graphics.
- *The companion website offers datasets and solutions to selected end-of-chapter exercises.

Elementary Statistics for Geographers, Third Edition By James E. Burt PhD, Gerald M. Barber PhD, David L. Rigby PhD **Bibliography**

- Sales Rank: #789605 in Books
- Brand: Guilford Publications
- Published on: 2009-03-19
- Original language: English
- Number of items: 1
- Dimensions: 9.20" h x 1.40" w x 6.40" l, 2.35 pounds
- Binding: Hardcover
- 653 pages

 [Download Elementary Statistics for Geographers, Third Editi ...pdf](#)

 [Read Online Elementary Statistics for Geographers, Third Edi ...pdf](#)

Download and Read Free Online Elementary Statistics for Geographers, Third Edition By James E. Burt PhD, Gerald M. Barber PhD, David L. Rigby PhD

Editorial Review

Review

"For more than 15 years, I've used prior editions of this text to teach statistics, because it explains difficult but crucial concepts--such as the central limit theorem--clearly and in depth. I also like the geographical examples and the inclusion of descriptive spatial and temporal statistics, such as moving averages and location quotients. Now, with David Rigby on board and a full-fledged treatment of multiple regression, spatial autocorrelation, and spatial regression, the best book just got even better."--Michael Kuby, School of Geographical Sciences, Arizona State University

"A comprehensive introduction to statistical techniques and their appropriate use and application in geographic research. The book is unique in its treatment of both spatial and temporal data-analysis issues, and its methods are grounded in interesting research settings. Statistical concepts are presented in a clear and effective manner, with attention given to the theories and assumptions underpinning the techniques. Instructors will appreciate the structured exercises appearing at the end of each chapter, many of which make use of downloadable datasets. This appealing book is especially well suited as a text for senior undergraduate and beginning graduate geography courses in statistical analysis."--Mark W. Horner, Department of Geography, Florida State University

"It is hard to imagine a more comprehensive introductory treatment of geographic statistics. *Elementary Statistics for Geographers* has an excellent mix of quantitative material, problem-solving techniques, and examples. The examples, both numerical and graphical, clearly demonstrate the utility and limitations of the methods presented. Early chapters on the nature of geographic data, exploratory data analysis, and bivariate statistical relationships provide a strong foundation for the rigorous chapters that follow. The range and depth of the third edition are outstanding, with new sections on ANOVA, spatial statistics, and nonparametric statistics. This book will be equally valuable as a text for advanced undergraduates and beginning graduate students and as a general reference."--Scott M. Robeson, Chair, Department of Geography, Indiana University

About the Author

James E. Burt is Professor and former chair of Geography at the University of Wisconsin-Madison. His current research focuses on development of expert system and statistical approaches for quantitative prediction of soils information.

Gerald M. Barber is Associate Professor of Geography and teaches introductory and advanced courses in statistics at Queen's University in Kingston, Ontario, Canada. In addition, he is the director of the program in Geographic Information Science and runs the GISLAB. His principal interests are in the application of statistical and optimization models within GIS.

David L. Rigby is Professor of Geography and Statistics at the University of California, Los Angeles. His research interests include regional growth, technological change, evolutionary economic dynamics, and the impacts of globalization and trade on wage inequality.

Users Review

From reader reviews:

Madeline Wayt:

The book Elementary Statistics for Geographers, Third Edition can give more knowledge and also the precise product information about everything you want. Why then must we leave a good thing like a book Elementary Statistics for Geographers, Third Edition? A few of you have a different opinion about e-book. But one aim that will book can give many facts for us. It is absolutely proper. Right now, try to closer together with your book. Knowledge or info that you take for that, you could give for each other; you are able to share all of these. Book Elementary Statistics for Geographers, Third Edition has simple shape however, you know: it has great and large function for you. You can seem the enormous world by open and read a reserve. So it is very wonderful.

Zachary Connors:

What do you about book? It is not important with you? Or just adding material when you really need something to explain what you problem? How about your free time? Or are you busy individual? If you don't have spare time to complete others business, it is make you feel bored faster. And you have free time? What did you do? Every individual has many questions above. They need to answer that question mainly because just their can do in which. It said that about guide. Book is familiar on every person. Yes, it is correct. Because start from on kindergarten until university need this Elementary Statistics for Geographers, Third Edition to read.

Patrick Garcia:

This Elementary Statistics for Geographers, Third Edition tend to be reliable for you who want to certainly be a successful person, why. The key reason why of this Elementary Statistics for Geographers, Third Edition can be on the list of great books you must have is giving you more than just simple reading food but feed a person with information that perhaps will shock your earlier knowledge. This book is usually handy, you can bring it just about everywhere and whenever your conditions in e-book and printed types. Beside that this Elementary Statistics for Geographers, Third Edition forcing you to have an enormous of experience such as rich vocabulary, giving you tryout of critical thinking that could it useful in your day activity. So , let's have it appreciate reading.

Kyle Cook:

That guide can make you to feel relax. This book Elementary Statistics for Geographers, Third Edition was colorful and of course has pictures around. As we know that book Elementary Statistics for Geographers, Third Edition has many kinds or style. Start from kids until adolescents. For example Naruto or Private eye Conan you can read and believe you are the character on there. Therefore not at all of book are usually make you bored, any it makes you feel happy, fun and rest. Try to choose the best book for you personally and try to like reading in which.

**Download and Read Online Elementary Statistics for Geographers,
Third Edition By James E. Burt PhD, Gerald M. Barber PhD,
David L. Rigby PhD #7IAE1KGTNUJ**

Read Elementary Statistics for Geographers, Third Edition By James E. Burt PhD, Gerald M. Barber PhD, David L. Rigby PhD for online ebook

Elementary Statistics for Geographers, Third Edition By James E. Burt PhD, Gerald M. Barber PhD, David L. Rigby PhD Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Elementary Statistics for Geographers, Third Edition By James E. Burt PhD, Gerald M. Barber PhD, David L. Rigby PhD books to read online.

Online Elementary Statistics for Geographers, Third Edition By James E. Burt PhD, Gerald M. Barber PhD, David L. Rigby PhD ebook PDF download

Elementary Statistics for Geographers, Third Edition By James E. Burt PhD, Gerald M. Barber PhD, David L. Rigby PhD Doc

Elementary Statistics for Geographers, Third Edition By James E. Burt PhD, Gerald M. Barber PhD, David L. Rigby PhD Mobipocket

Elementary Statistics for Geographers, Third Edition By James E. Burt PhD, Gerald M. Barber PhD, David L. Rigby PhD EPub

7IAE1KGTNUJ: Elementary Statistics for Geographers, Third Edition By James E. Burt PhD, Gerald M. Barber PhD, David L. Rigby PhD