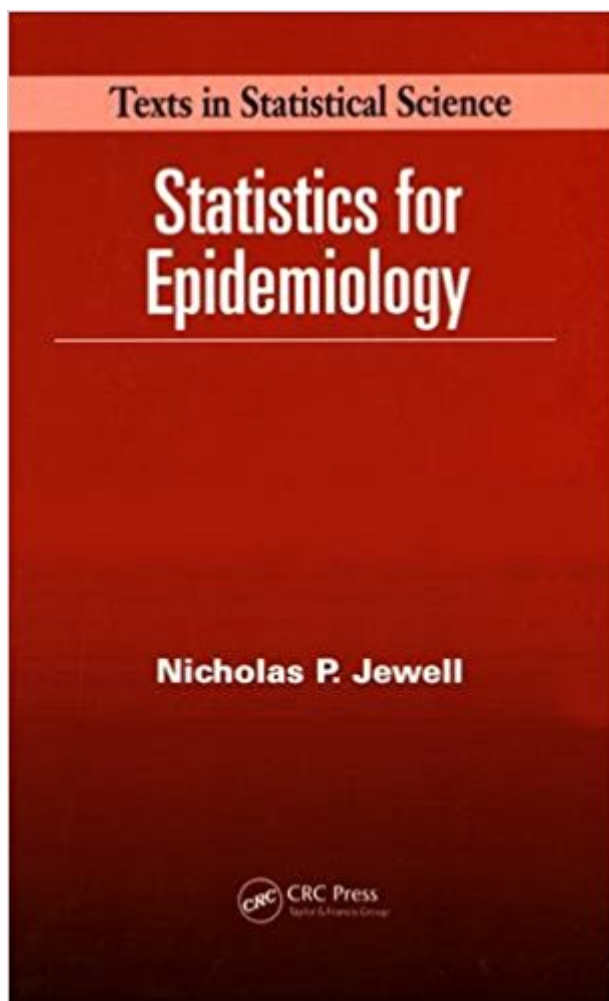


The book was found

# Statistics For Epidemiology



## Synopsis

Statistical ideas have been integral to the development of epidemiology and continue to provide the tools needed to interpret epidemiological studies. Although epidemiologists do not need a highly mathematical background in statistical theory to conduct and interpret such studies, they do need more than an encyclopedia of "recipes." *Statistics for Epidemiology* achieves just the right balance between the two approaches, building an intuitive understanding of the methods most important to practitioners and the skills to use them effectively. It develops the techniques for analyzing simple risk factors and disease data, with step-by-step extensions that include the use of binary regression. It covers the logistic regression model in detail and contrasts it with the Cox model for time-to-incidence data. The author uses a few simple case studies to guide readers from elementary analyses to more complex regression modeling. Following these examples through several chapters makes it easy to compare the interpretations that emerge from varying approaches. Written by one of the top biostatisticians in the field, *Statistics for Epidemiology* stands apart in its focus on interpretation and in the depth of understanding it provides. It lays the groundwork that all public health professionals, epidemiologists, and biostatisticians need to successfully design, conduct, and analyze epidemiological studies.

## Book Information

Series: Chapman & Hall/CRC Texts in Statistical Science (Book 58)

Hardcover: 352 pages

Publisher: Chapman and Hall/CRC; 1 edition (August 26, 2003)

Language: English

ISBN-10: 1584884339

ISBN-13: 978-1584884330

Product Dimensions: 6.1 x 0.8 x 9.2 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 4.3 out of 5 stars 10 customer reviews

Best Sellers Rank: #353,319 in Books (See Top 100 in Books) #102 in Books > Textbooks > Medicine & Health Sciences > Research > Biostatistics #183 in Books > Medical Books > Basic Sciences > Biostatistics #245 in Books > Textbooks > Medicine & Health Sciences > Research > Epidemiology

## Customer Reviews

"Jewell's book can certainly be included in any group of useful books on statistics in epidemiology. It

actually might be the one with which I would start." - Technometrics, February 2005, Vol. 47, No. 1  
"This is a useful and thought-provoking book written by an expert in the field, providing a very valuable supplement to more introductory texts as well as a guide to more advanced sources." - Journal of the Royal Statistics Society "Good points of the book are the exercises, comments and further reading at the end of each chapter, the availability of the data sets used and the extensive discussion of confounding this is a good, well-written piece of work." Pharmaceutical Statistics, 2004  
'This book is excellent; a real breakthrough in texts on statistics in epidemiology, especially in its attention to causation and bias'. -Sander Greenland, Department of Epidemiology, UCLA "Using examples, this experienced statistician identifies scientific issues and clearly links them to statistical approaches. Statistical theory and formality are grounded in manageable yet realistic examples. Coverage includes the basics and important topics such as measurement error and causal analysis. The book has excellent references, an informative index and glossary." -ISI Short Book Reviews, August 2004

I took a Categorical Data Analysis class w/the author at UC Berkeley. Awesome book and awesome course-- I highly recommend checking out the free full webcast on YouTube as a supplement to the text.

This text is written as a non-technical (although by no means superficial) overview of some statistical methods. It is a joy to read, and gets at the heart of the matter on many topics I'd previously been unclear on. The book was recommended to me as a reference, and I'm glad I took the advice.

It is what it is. Epi stats book. Helpful for grad students and professionals that need a little help with stats.

This is a perfect book for a person who do not know any epidemiology to understand it easily in such a piece with only more than 300 pages. I do recommend it!

The author's style is more conversational than most statistics books I've read. He makes complex concepts relatively easy to understand.

The book is old

I had a chance to read this book cover to cover. All I can say is "absolutely outstanding", short of calling it a historical masterpiece in the field. Very rarely do I encounter an epidemiology or biostatistic textbook that reads so well. It is optimally reader friendly; the author appears to have such a talent in explaining some most sophisticated epidemiological and statistical concepts in such a simplified language. Yet he does not sacrifice the inclusion of some very advanced epidemiological and statistical concepts. New concepts such as causal graphs and instrumental variables are also included and explained beautifully. I strongly recommend this book to all early to intermediate graduate students majoring in Epidemiology. Established epidemiologists may wish to read this book to refresh and update their knowledge. I hope the author writes more textbooks with the same style.

This book is a hybrid, part epidemiology and part statistics. It is a resource for those that want to DO epidemiologic studies and ensure that they are performing and interpreting the statistics correctly. Jewell does all the little things right: he delivers the message in plain English, he explains thoroughly the foundations of the various epidemiologic measures of association, and he points out the pitfalls and potential misapplications of the presented statistical tools. The chapters on confounding and interaction are the clearest and the best that I have read. I endorse this book whole-heartedly

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

Statistics for People Who (Think They) Hate Statistics (Salkind, Statistics for People Who(Think They Hate Statistics(Without CD)) Epidemiology: with STUDENT CONSULT Online Access, 5e (Gordis, Epidemiology) Epidemiology For Public Health Practice (Friis, Epidemiology for Public Health Practice) Jekel's Epidemiology, Biostatistics, Preventive Medicine, and Public Health: With STUDENT CONSULT Online Access, 4e (Jekel's Epidemiology, Biostatistics, Preventive Medicine, Public Health) Nutritional Epidemiology (Monographs in Epidemiology and Biostatistics) Epidemiology E-Book (Gordis, Epidemiology) Research Methods in Occupational Epidemiology (Monographs in Epidemiology and Biostatistics) Epidemiology Kept Simple: An Introduction to Traditional and Modern Epidemiology Epidemiology and Prevention of Vaccine-Preventable Diseases (CDC, Epidemiology and Prevention of Vaccine-Preventable Diseases) Hospital Epidemiology and Infection Control (HOSPITAL EPIDEMIOLOGY & INFECTION CONTROL (MAYHALL)) Forecasting Product Liability Claims: Epidemiology and Modeling in the Manville Asbestos Case (Statistics for Biology and Health) Statistics for Epidemiology Statistics and Data

Analysis for Financial Engineering: with R examples (Springer Texts in Statistics) Basic Statistics for Business and Economics (Irwin Statistics) Business Statistics: Communicating with Numbers (Irwin Statistics) Discovering Statistics Using IBM SPSS Statistics, 4th Edition Statistics for People Who (Think They) Hate Statistics Statistics and Finance: An Introduction (Springer Texts in Statistics) Statistics for People Who (Think They) Hate Statistics, 4th Statistics for People Who (Think They) Hate Statistics: Using Microsoft Excel 2016

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)