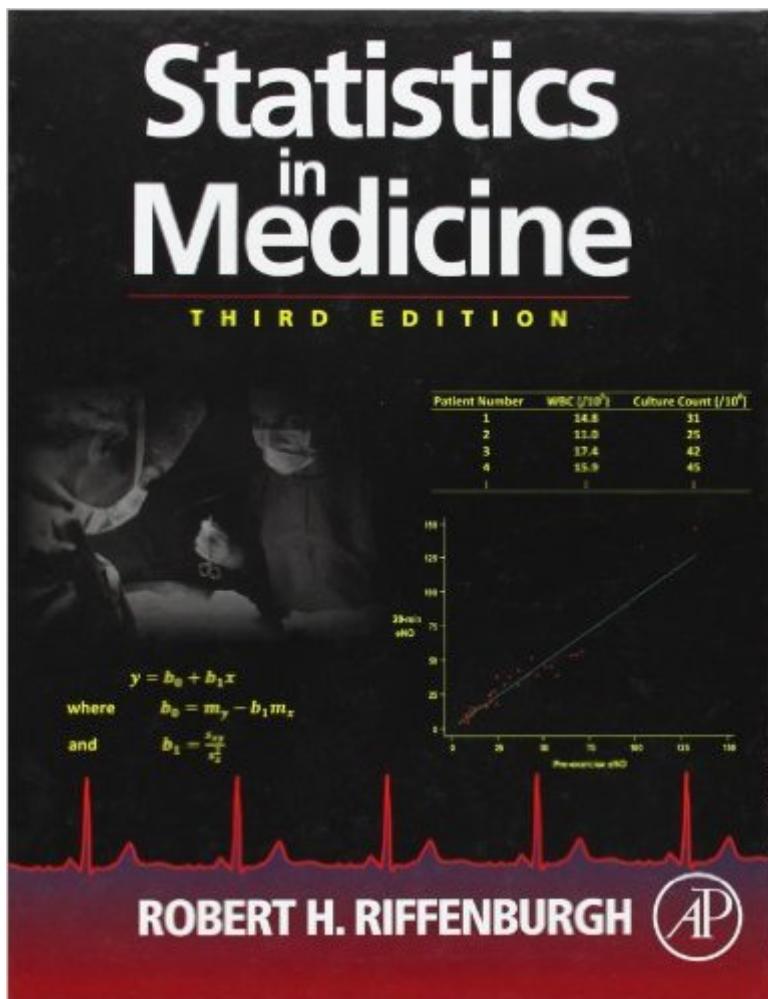


The book was found

Statistics In Medicine, Third Edition



Synopsis

Statistics in Medicine, Third Edition makes medical statistics easy to understand by students, practicing physicians, and researchers. The book begins with databases from clinical medicine and uses such data to give multiple worked-out illustrations of every method. The text opens with how to plan studies from conception to publication and what to do with your data, and follows with step-by-step instructions for biostatistical methods from the simplest levels (averages, bar charts) progressively to the more sophisticated methods now being seen in medical articles (multiple regression, noninferiority testing). Examples are given from almost every medical specialty and from dentistry, nursing, pharmacy, and health care management. A preliminary guide is given to tailor sections of the text to various lengths of biostatistical courses. User-friendly format includes medical examples, step-by-step methods, and check-yourself exercises appealing to readers with little or no statistical background, across medical and biomedical disciplines. Facilitates stand-alone methods rather than a required sequence of reading and references to prior text. Covers trial randomization, treatment ethics in medical research, imputation of missing data, evidence-based medical decisions, how to interpret medical articles, noninferiority testing, meta-analysis, screening number needed to treat, and epidemiology. Fills the gap left in all other medical statistics books between the reader's knowledge of how to go about research and the book's coverage of how to analyze results of that research. New in this Edition: New chapters on planning research, managing data and analysis, Bayesian statistics, measuring association and agreement, and questionnaires and surveys. New sections on what tests and descriptive statistics to choose, false discovery rate, interim analysis, bootstrapping, Bland-Altman plots, Markov chain Monte Carlo (MCMC), and Deming regression. Expanded coverage on probability, statistical methods and tests relatively new to medical research, ROC curves, experimental design, and survival analysis. 35 Databases in Excel format used in the book and can be downloaded and transferred into whatever format is needed along with PowerPoint slides of figures, tables, and graphs from the book included on the companion site, <http://www.elsevierdirect.com/companion.jsp?ISBN=9780123848642>. Medical subject index offers additional search capabilities.

Book Information

Hardcover: 738 pages

Publisher: Academic Press; 3 edition (July 23, 2012)

Language: English

ISBN-10: 0123848644

ISBN-13: 978-0123848642

Product Dimensions: 9.3 x 7.6 x 1.5 inches

Shipping Weight: 3.3 pounds (View shipping rates and policies)

Average Customer Review: 4.3 out of 5 stars (See all reviews) (3 customer reviews)

Best Sellers Rank: #176,539 in Books (See Top 100 in Books) #20 in Books > Textbooks > Medicine & Health Sciences > Administration & Policy > Health Risk Assessment #30 in Books > Medical Books > Administration & Medicine Economics > Health Risk Assessment #45 in Books > Textbooks > Medicine & Health Sciences > Research > Biostatistics

Customer Reviews

It is a wonderfully clear resource for me. I am a research nurse who last had graduate statistics 12 years ago.

the 2nd edition is just fine if you are buying this for class. not much change in the new edition.

had to have for school but seems to be easy to understand. logically written and builds well on previous topics

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

Statistics in Medicine, Third Edition Discovering Statistics Using IBM SPSS Statistics, 4th Edition

Even You Can Learn Statistics and Analytics: An Easy to Understand Guide to Statistics and

Analytics (3rd Edition) Statistics and Data Analysis for Financial Engineering: with R examples

(Springer Texts in Statistics) Introductory Statistics with R (Statistics and Computing) Statistical

Methods for Dynamic Treatment Regimes: Reinforcement Learning, Causal Inference, and

Personalized Medicine (Statistics for Biology and Health) The Social Medicine Reader, Second

Edition: Vol. 3: Health Policy, Markets, and Medicine Integrative Medicine: Expert Consult Premium

Edition - Enhanced Online Features and Print, 3e (Rakel, Integrative Medicine) Hazzard's Geriatric

Medicine and Gerontology, Sixth Edition (Principles of Geriatric Medicine & Gerontology)

Maxey-Rosenau-Last Public Health and Preventive Medicine: Fifteenth Edition

(Maxcy-Rosenau-Last Public Health and Preventive Medicine) Crazy Horse, Third Edition: The

Strange Man of the Oglalas, Third Edition Case Files Emergency Medicine, Third Edition (LANGE

Case Files) Tintinalli's Emergency Medicine: Just the Facts, Third Edition Biomaterials Science,

Third Edition: An Introduction to Materials in Medicine Behavioral Medicine: A Guide for Clinical

Practice, Third Edition Clinical Medicine of the Dog and Cat, Third Edition Renaissance Medicine

(History of Medicine) Extreme Medicine: How Exploration Transformed Medicine in the Twentieth Century The Power of Digital Medicine (Guided Digital Medicine Series) Wilderness Medicine (Wilderness Medicine: Management of Wilderness and Environmental Emergencies)

[Dmca](#)