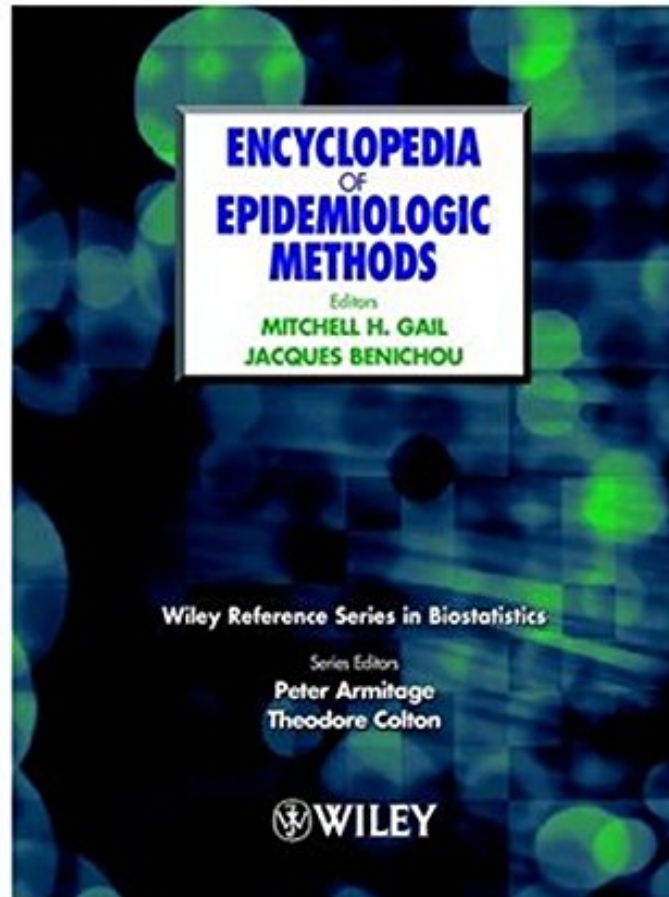


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25 of 26 people found the following review helpful. good encyclopedia on an important topicBy Michael R. ChernickFor a biostatistician at a pharmaceutical company who needs to combine clinical trial data with information in the literature from case-control and other non-randomized data, understanding of the latest epidemiologic methods

is essential. In this reference source Mitch Gail and Jacques Benichou provide all the important abbreviations and acronyms and 201 articles listed alphabetical by title along with author and subject indices at the end of the volume. Each article has its own list of references to the relevant literature. The list of contributors is over 140 including many very famous biostatisticians from around the world. It is a single volume that is 978 pages long and although it is expensive for an individual to purchase, it merits having in a biostatistics library or any technical library where medical research is conducted. Here is a selected list of topics: Age-Period-Cohort Analysis, Berkson's Fallacy, Bias, Bias in Observational Studies, Case-Cohort Study, Case-Control Study, Causation, Cornfield's Inequality, Cox Regression Model, Death Indexes, Demography, Dose-Response, Epidemiology as Legal Evidence, Frequency Matching, Hawthorne Effect, Kappa, Length Bias, Life Table, Logistic Regression, Meta-Analysis in Epidemiology, Occupational Mortality, Odds Ratio, Prevalence, Propensity Score, Retrospective Study, Selection Bias, Simpson's Paradox, and Validation Study. Among the contributors are Peter Armitage, Norman Breslow, Ray Carroll, Ted Colton, Mitch Gail, Joe Gastwirth, David Hosmer, Gary Koch, Stanley Lemeshow, Rod Little, Ross Prentice, George Seber, Butch Tsiatis, and Michael Vaeth. The work is very much up-to-date as it was published in 2000. It includes updates of many articles that were in the highly praised six volume Encyclopedia of Biostatistics. It concentrates on those articles that focus on topics important to epidemiology. It also includes several articles written specifically for this volume.

0 of 0 people found the following review helpful. Mathematical Biostatistical Epidemiological Methods By Joseph J Grenier This is a very good textbook and reference for those seeking to model and understand epidemiology techniques. Calculus and probability theory are introduced at a basic level and the book progresses onto advanced concepts of statistical modeling. It has an A to Z format which makes it useful for looking up topics easily. The book starts out with fundamental techniques but explores complicated topics in greater detail toward the end of the single volume. I really like it as an MPH Student interested in epidemiology and plan on using it a lot more in my career. Five Hundred dollars is a lot, but probably worth it. This book is possibly not an absolute necessity, but I am glad I purchased it when I did, in the first year of the MPH Program.

2 of 3 people found the following review helpful. Young scientist By Salvijus This is a very valuable book, helping to be familiar with epidemiological methods. This will allow you to use right epidemiological methods in preparing scientific work. Thank for authors.

Featuring articles from the prestigious Encyclopedia of Biostatistics, many of which have been revised and updated to include recent developments, the Encyclopedia of Epidemiologic Methods also includes newly commissioned articles reflecting the latest thinking in Cancer Registries Birth Defect Registries Meta Analysis of Epidemiologic Studies Epidemiology Overview Sample Size Sex Ratio at Birth Software Design and Analysis Featuring contributions from leading experts in academia, government and industry, the Encyclopedia of Epidemiologic Methods has been designed to complement existing texts on the subject by providing further extensive, up-to-date coverage of specialised topics and by introducing the reader to the research literature. Offering a wealth of information in a single resource, the Encyclopedia of Epidemiologic Methods Offers an excellent introduction to a vast array of specialised topics Includes in-depth coverage of the statistical underpinnings of contemporary epidemiologic methods Provides concise definitions and introductions to numerous concepts found in the current literature Uses extensive cross-references, helping to facilitate further research, and enabling the reader to locate definitions and related concepts In addition to featuring extensive articles in the areas of descriptive and analytic epidemiology, the Encyclopedia also provides the reader with articles on case-control design and offers substantial coverage of allied statistical methods. From the Reviews. "a selection of excellent articles" (Short Book Reviews, December 2001) "The articles were written by experts...hence the quality of entries is quite good. The editors have done an excellent job..." (Journal of the American Statistical Association, December 2001) "There is no doubt that this is an invaluable tool for researchers involved in medical and public health research as it offers an excellent springboard for acquiring and strengthening practical and methodological tools." (Short Book Reviews, Vol. 21, No. 3, December 2001) "...illuminating and comprehensive and often of extremely high quality..." (Biometrics, September 2002)

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of contemporary epidemiologic methods * Provides concise definitions and introductions to numerous concepts found in the current literature * Uses extensive cross-references, helping to facilitate further research, and enabling the reader to locate definitions and related concepts In addition to featuring extensive articles in the areas of descriptive and analytic epidemiology, the Encyclopedia also provides the reader with articles on case-control design and offers substantial coverage of allied statistical methods.