

Modern Epidemiology

Kenneth J. Rothman

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0 of 0 people found the following review helpful. good authoritative text By Sergio Monteiro I found this book to be a good, rigorous, reliable general text, an epidemiology reference that belongs to everybody's bookshelf. 19 of 20 people found the following review helpful. Great reference, but not a book for first time epi students. By A Customer The first edition grew out to be the reference of choice of many epidemiologists. This new edition should secure that status, even though the Encyclopedia of Epidemiologic Methods (Gail and Benichou) should provide some serious competition. In fact this text is so complete that it may even stimulate the whole field. If practising medical researchers start to apply the knowledge provided, then econometrics and psychometrics teachers will have to find a new source for their jokes. However, in the process the book lost its attraction as a text for students. It has become more technical and less readable. That shouldn't bother students as there are plenty of good elementary books (like Hennekens) and even intermediate books (like the excellent Epidemiology: Beyond the Basics by Nieto and Szklo). The only reason I can think of why you would like to use this book in class is that you're a teacher who likes to study this ultimate reference yourself. What better way than to teach from it? So this book isn't for students, unless however, you're a student who already has got a firm background in epidemiology, statistics, econometrics or something similar, than this may just be the book for you. 17 of 18 people found the following review helpful. The Ultimate Reference for Epidemiologic Methods By A Customer The first edition of this book was a superb, tightly written monograph, but it was a single-authored work written in the 1980s and needed to be updated. This new edition seems to be intended as a

more comprehensive reference work on epidemiologic methods, adding a dozen authors and covering many topics that were not in the first edition, such as reproductive epidemiology and infectious disease epidemiology. Some readers might find it to be too detailed and broad to be easily digested in a short time. Nevertheless, as a reference guide, I don't think that it has any rival. The first 100 pages or so are a clearly rewritten update of the core material from the first edition. The middle chapters, which are new and mostly written by Greenland, are a little slow-going but are worth the effort if you want a cutting-edge insight into epidemiologic methods. The final section, with many contributors, presents the specific methodology of nearly every area of epidemiologic research. Overall, this book is essential if you are serious about understanding epidemiology.

The expanded Second Edition of Dr. Rothman's acclaimed *Modern Epidemiology* reflects the remarkable conceptual development of this evolving science and the engagement of epidemiologists with an increasing range of current public health concerns. This landmark work is the most comprehensive and cohesive text on the principles and methods of contemporary epidemiologic research. Coauthored by two leading epidemiologists, with 15 additional contributors, the Second Edition presents a much broader range of concepts and methods than Dr. Rothman's single-authored original edition. Coverage of basic measures and study types is more thorough and includes a new chapter on field methods. New chapters on advanced topics in data analysis, such as hierarchical regression, are also included. A new section covers specific areas of research such as infectious disease epidemiology, ecologic studies, disease surveillance, analysis of vital statistics, screening, clinical epidemiology, environmental and occupational epidemiology, reproductive and perinatal epidemiology, genetic epidemiology, and nutritional epidemiology.