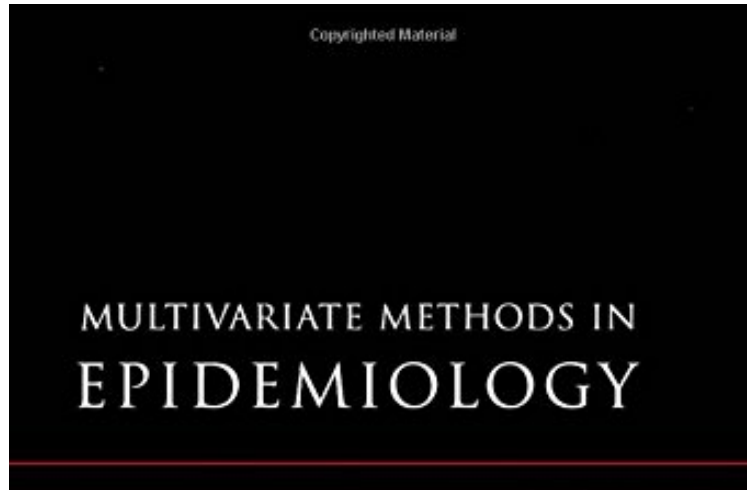


(Ebook free) Multivariate Methods in Epidemiology

Multivariate Methods in Epidemiology

Theodore R. Holford

*DOC | *audiobook | ebooks | Download PDF | ePub*



Theodore R. Holford

Copyrighted Material

DOWNLOAD



READ ONLINE

#2932643 in Books Theodore R Holford 2002-06-15 Original language: English PDF # 1 6.40 x 1.40 x 9.30l, 1.68 #File Name: 0195124405408 pages Multivariate Methods in Epidemiology | File size: 35.Mb

Theodore R. Holford : Multivariate Methods in Epidemiology before purchasing it in order to gage whether or not it would be worth my time, and all praised Multivariate Methods in Epidemiology:

The basis for much of medical public health practice comes from epidemiological research. This text describes current statistical tools that are used to analyze the association between possible risk factors and the actual risk of disease. Beginning with a broad conceptual framework on the disease process, it describes commonly used techniques for

analyzing proportions and disease rates. These are then extended to model fitting, and the common threads of logic that bind the two analytic strategies together are revealed. Each chapter provides a descriptive rationale for the method, a worked example using data from a published study, and an exercise that allows the reader to practice the technique. Each chapter also includes an appendix that provides further details on the theoretical underpinnings of the method. Among the topics covered are Mantel-Haenszel methods, rates, survival analysis, logistic regression, and generalized linear models. Methods for incorporating aspects of study design, such as matching, into the analysis are discussed, and guidance is given for determining the power or the sample size requirements of a study. This text will give readers a foundation in applied statistics and the concepts of model fitting to develop skills in the analysis of epidemiological data.

"This book will give readers a foundation in applied statistics and the concepts of model fitting to develop skills in the analysis of epidemiological data."--CAB Abstracts
About the Author
Theodore R. Holford is at Yale University School of Medicine.