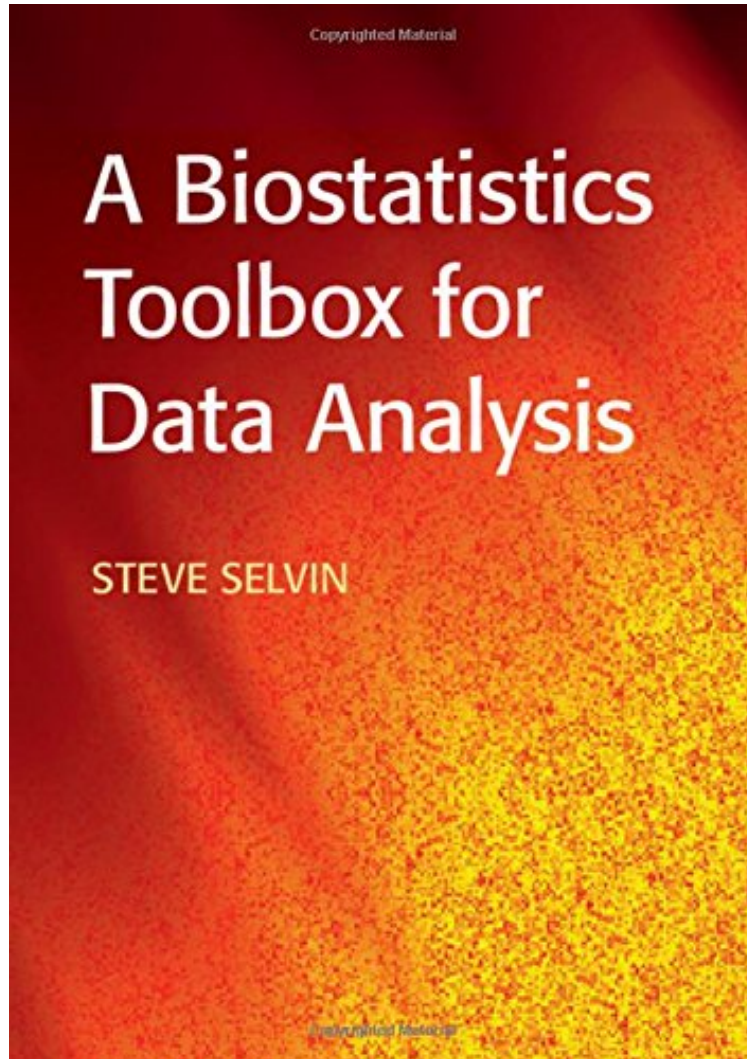


[Library ebook] A Biostatistics Toolbox for Data Analysis

A Biostatistics Toolbox for Data Analysis

Steve Selvin

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#2926276 in Books 2015-10-20Original language:EnglishPDF # 1 9.96 x 1.38 x 6.971, .0 #File Name: 1107113083578 pages | File size: 20.Mb

Steve Selvin : A Biostatistics Toolbox for Data Analysis before purchasing it in order to gage whether or not it would be worth my time, and all praised A Biostatistics Toolbox for Data Analysis:

This sophisticated package of statistical methods is for advanced master's (MPH) and PhD students in public health and epidemiology who are involved in the analysis of data. It makes the link from statistical theory to data analysis, focusing on the methods and data types most common in public health and related fields. Like most toolboxes, the statistical tools in this book are organized into sections with similar objectives. Unlike most toolboxes, however, these tools are accompanied by complete instructions, explanations, detailed examples, and advice on relevant issues and

potential pitfalls - conveying skills, intuition, and experience. The only prerequisite is a first-year statistics course and familiarity with a computing package such as R, Stata, SPSS, or SAS. Though the book is not tied to a particular computing language, its figures and analyses were all created using R. Relevant R code, data sets, and links to public data sets are available from www.cambridge.org/9781107113084.

"Professor Selvin is a master at making statistical procedures and their complex underpinnings accessible to students of all levels of expertise. This book is a brilliant compendium of Professor Selvin's tremendous understanding of the breadth and depth of biostatistical tools that he delivers to the reader with superb clarity. A broad range of salient statistical concepts are covered, pleasantly anchored with a brief history, described formally for the more initiated reader, and expertly illustrated with real-life data examples that are readily understood by the less mathematically inclined. Researchers from a myriad of scientific disciplines seeking masterful guidance about conducting their statistical data analysis will absolutely want this book at their fingertips." Gary Shaw, Stanford University, California

About the Author Steve Selvin is a Professor of Biostatistics in the School of Public Health at University of California, Berkeley and was the head of the division from 1977 to 2004. He has published over 250 papers and authored several textbooks in the fields of biostatistics and epidemiology. His book, *Survival Analysis for Epidemiologic and Medical Research*, was published by Cambridge University Press in 2008.