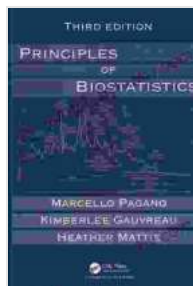


Principles of Biostatistics by Stan Tekiela: A Must-Have for Medical Researchers



Principles of Biostatistics by Stan Tekiela

★★★★☆ 4.1 out of 5

Language : English

File size : 666079 KB

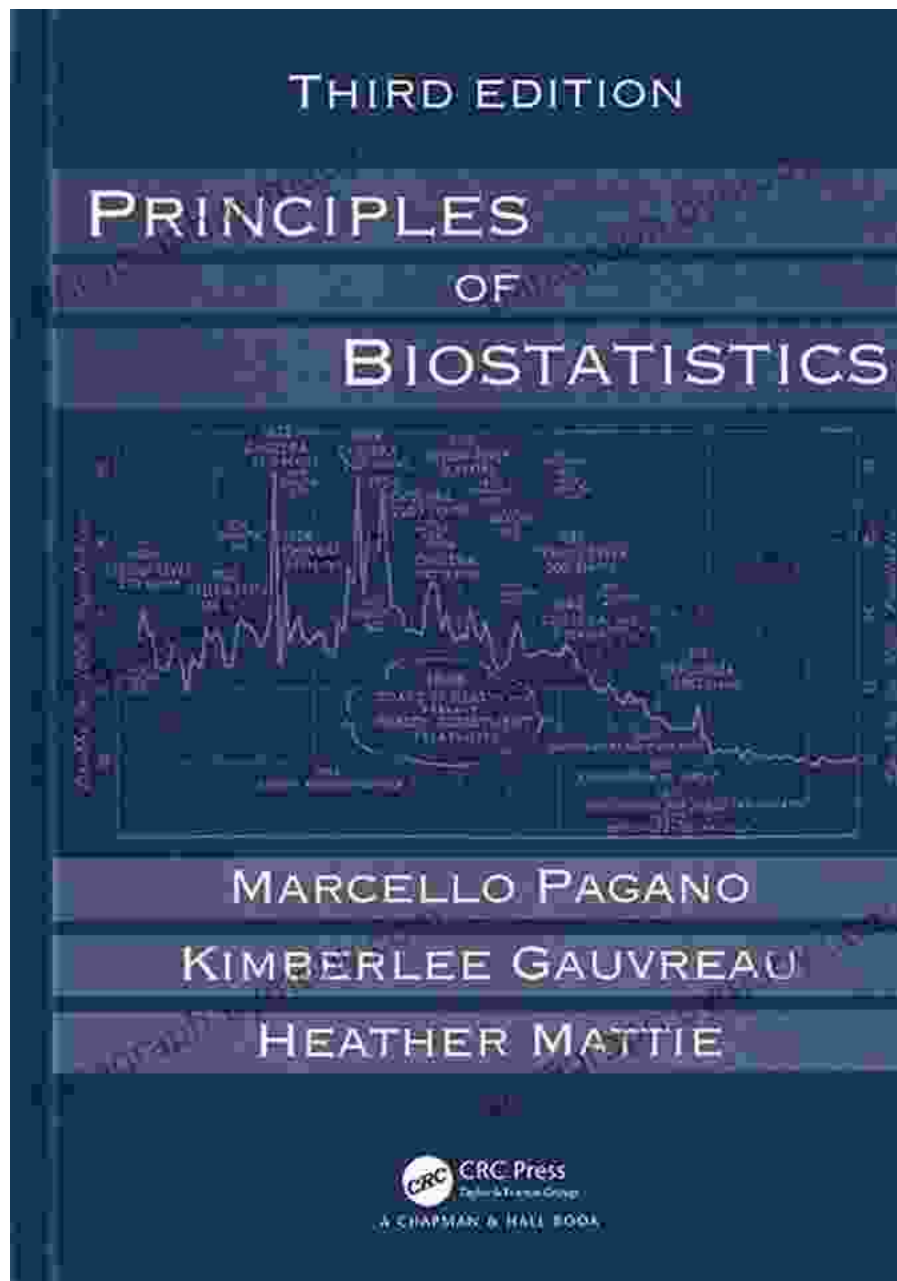
Screen Reader : Supported

Print length : 584 pages

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Biostatistics plays a crucial role in modern medical research. It provides the tools and techniques for designing, analyzing, and interpreting studies to derive meaningful results from medical data. Principles of Biostatistics by Stan Tekiela is an indispensable resource for researchers who need a comprehensive understanding of this challenging field.

Content

The book is divided into 14 chapters, each covering a specific aspect of biostatistics. The chapters are well-organized and follow a logical progression, making it easy for readers to grasp the concepts. Topics covered include:

- to biostatistics
- Probability and probability distributions
- Estimation and confidence intervals
- Hypothesis testing
- Regression analysis
- Analysis of variance
- Logistic regression
- Survival analysis
- Biostatistical software

The book also includes numerous worked examples, illustrations, and exercises to help readers solidify their understanding. Additionally, it includes a glossary of terms and an appendix of statistical tables for reference.

Key Features

What sets Principles of Biostatistics apart from other textbooks is its focus on the practical applications of biostatistics in medical research. Tekiela draws on his extensive experience as a biostatistician to provide real-world examples and case studies that bring the concepts to life.

Another key feature is the book's emphasis on statistical software. Tekiela uses SAS and R, two widely used statistical software packages, to illustrate the practical applications of biostatistics. This helps readers to develop the skills they need to apply biostatistical techniques in their own research.

Benefits

For medical researchers, Principles of Biostatistics offers numerous benefits, including:

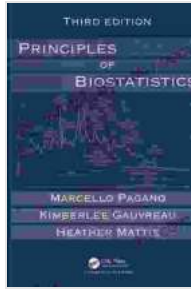
- A comprehensive understanding of biostatistical principles and practices
- The ability to design and analyze medical research studies
- The confidence to interpret and present statistical results
- Improved skills in using statistical software
- Increased competitiveness in the field of medical research

Principles of Biostatistics by Stan Tekiela is a highly recommended textbook for medical researchers and graduate students in biostatistics. Its clear presentation, practical examples, and emphasis on statistical software make it an invaluable resource for anyone who needs to master the principles and applications of biostatistics.

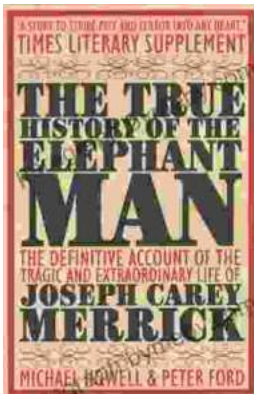
Whether you are a seasoned researcher or a novice in the field, this book will provide you with the knowledge and skills you need to excel in medical research.

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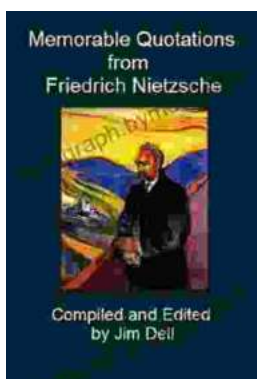


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