

Single-Arm Phase II Survival Trial Design: A Comprehensive Guide



Single-Arm Phase II Survival Trial Design (Chapman & Hall/CRC Biostatistics Series) by Jianrong Wu

★★★★★ 5 out of 5

Language : English

File size : 7414 KB

Print length : 274 pages



Empowering Researchers and Statisticians with Cutting-Edge Techniques

In the rapidly evolving landscape of clinical research, the design of single-arm phase II survival trials plays a pivotal role in advancing cancer treatment and improving patient outcomes. This book, authored by renowned experts in biostatistics and oncology, serves as an indispensable resource for researchers and statisticians striving to optimize their study designs.

Key Features:

- **Comprehensive Overview:** Provides a thorough foundation in the principles and methods of single-arm phase II survival trial design.
- **Practical Guidance:** Offers step-by-step instructions on selecting appropriate study designs, determining sample size, and analyzing survival data.

- **Real-World Examples:** Illustrates key concepts through detailed case studies and real-world examples, showcasing the application of principles in various clinical settings.
- **Advanced Statistical Methods:** Explores cutting-edge statistical methods, including Bayesian approaches, adaptive designs, and multiple endpoints.
- **Expert Authorship:** Written by leading researchers from the University of Texas MD Anderson Cancer Center, ensuring the highest level of expertise and credibility.

Benefits for Researchers and Statisticians:

- **Improved Study Design:** Gain a deep understanding of the principles behind single-arm phase II survival trial design, enabling you to optimize your studies for maximum efficacy.
- **Enhanced Statistical Analysis:** Acquire the skills to effectively analyze survival data, extract meaningful insights, and draw accurate conclusions.
- **Increased Research Impact:** Improve the quality and rigor of your clinical research, leading to more impactful findings and advancements in cancer treatment.
- **Career Advancement:** Stay at the forefront of statistical innovation and demonstrate your expertise in this critical area of clinical research.

Targeted Audience:

This book is specifically designed for:

- Researchers and statisticians involved in the design and analysis of single-arm phase II survival trials.
- Clinical investigators seeking to improve the efficiency and effectiveness of their trials.
- Statisticians and biostatisticians specializing in oncology and clinical research.
- Students pursuing advanced degrees in biostatistics, statistics, or epidemiology.

About the Authors:

Dr. Richard M. Simon is a Professor of Biostatistics and Director of the Division of Biostatistics at the University of Texas MD Anderson Cancer Center. He is a renowned expert in the design and analysis of clinical trials, with a particular focus on cancer research.

Dr. Michael H. H. Huang is an Associate Professor of Biostatistics at the University of Texas MD Anderson Cancer Center. His research interests include statistical methods for clinical trials, survival analysis, and Bayesian statistics.

Free Download Your Copy Today:

Unlock the transformative power of single-arm phase II survival trial design with this comprehensive guide. Free Download your copy today and elevate your research to the next level.



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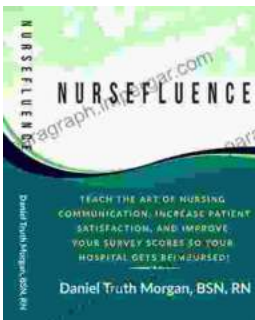
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