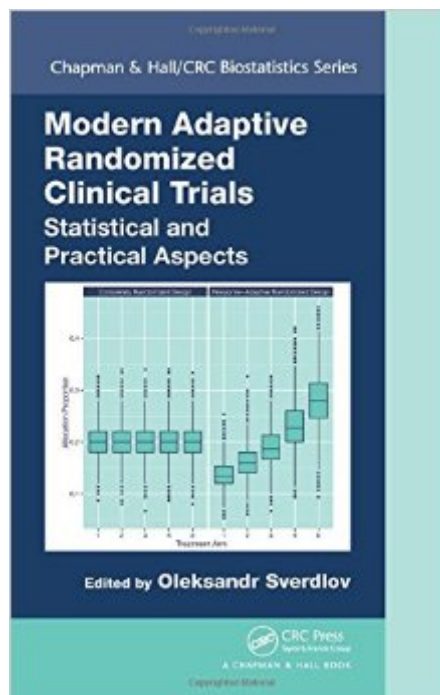


The book was found

Modern Adaptive Randomized Clinical Trials: Statistical And Practical Aspects (Chapman & Hall/CRC Biostatistics Series)



Synopsis

Is adaptive randomization always better than traditional fixed-schedule randomization? Which procedures should be used and under which circumstances? What special considerations are required for adaptive randomized trials? What kind of statistical inference should be used to achieve valid and unbiased treatment comparisons following adaptive randomization designs? Modern Adaptive Randomized Clinical Trials: Statistical and Practical Aspects answers these questions and more. From novel designs to cutting-edge applications, this book presents several new and key developments in adaptive randomization. It also offers a fresh and critical look at a number of already-classical topics. Featuring contributions from statisticians, clinical trialists, and subject-matter experts in academia and the pharmaceutical industry, the text: Clarifies the taxonomy of the concept of adaptive randomization Discusses restricted, covariate-adaptive, response-adaptive, and covariate-adjusted response-adaptive (CARA) randomization designs, as well as randomized designs with treatment selection Gives an exposition to many novel adaptive randomization techniques such as brick tunnel randomization, targeted least absolute shrinkage and selection operator (LASSO)-based CARA randomization, multi-arm multi-stage (MAMS) designs, to name a few Addresses the issues of statistical inference following covariate-adaptive and response-adaptive randomization designs Describes a successful implementation of a single pivotal phase II/III adaptive trial in infants with proliferating hemangioma Explores some practical aspects of phase II dose-ranging studies and examines statistical monitoring and interim analysis issues in response-adaptive randomized clinical trials Modern Adaptive Randomized Clinical Trials: Statistical and Practical Aspects covers a wide spectrum of topics related to adaptive randomization designs in contemporary clinical trials. The book provides a thorough exploration of the merits of adaptive randomization and aids in identifying when it is appropriate to apply such designs in practice.

Book Information

Series: Chapman & Hall/CRC Biostatistics Series (Book 81)

Hardcover: 533 pages

Publisher: Chapman and Hall/CRC; 1 edition (June 30, 2015)

Language: English

ISBN-10: 1482239884

ISBN-13: 978-1482239881

Product Dimensions: 6.2 x 1.1 x 9.2 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,117,910 in Books (See Top 100 in Books) #84 in Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Chemotherapy #465 in Books > Textbooks > Medicine & Health Sciences > Research > Biostatistics #864 in Books > Medical Books > Basic Sciences > Biostatistics

[Download to continue reading...](#)

Modern Adaptive Randomized Clinical Trials: Statistical and Practical Aspects (Chapman & Hall/CRC Biostatistics Series) Statistical Learning with Sparsity: The Lasso and Generalizations (Chapman & Hall/CRC Monographs on Statistics & Applied Probability) Big Data and Social Science: A Practical Guide to Methods and Tools (Chapman & Hall/CRC Statistics in the Social and Behavioral Sciences) RNA-seq Data Analysis: A Practical Approach (Chapman & Hall/CRC Mathematical and Computational Biology) RapidMiner: Data Mining Use Cases and Business Analytics Applications (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) Healthcare Data Analytics (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) A Concise Introduction to Image Processing using C++ (Chapman & Hall/CRC Numerical Analysis and Scientific Computing Series) Error Correcting Codes: A Mathematical Introduction (Chapman & Hall/CRC Mathematics Series) Computational Actuarial Science with R (Chapman & Hall/CRC The R Series) Handbook of Solvency for Actuaries and Risk Managers: Theory and Practice (Chapman & Hall/CRC Finance) Python for Bioinformatics (Chapman & Hall/CRC Mathematical and Computational Biology) CoArrays: Parallel Programming in Fortran (Chapman & Hall/CRC Computational Science) Introduction to Statistical Relational Learning (Adaptive Computation and Machine Learning series) Prolog and its Applications: A Japanese perspective (Chapman & Hall Computing) IntAR, Interventions Adaptive Reuse, Volume 03; Adaptive Reuse in Emerging Economies How to Learn & Memorize a Randomized Deck of Playing Cards ... Using a Memory Palace and Image-Association System Specifically Designed for Card Memorization Mastery (Magnetic Memory Series) Randomized Algorithms Hockey Hall of Fame Heroes: Scorers, Goalies and Defensemen (Hockey Hall of Fame Kids) Philip Hall Likes Me. I Reckon Maybe. (The Philip Hall Trilogy Book 1) Clinical Aspects of Dental Materials

[Dmca](#)