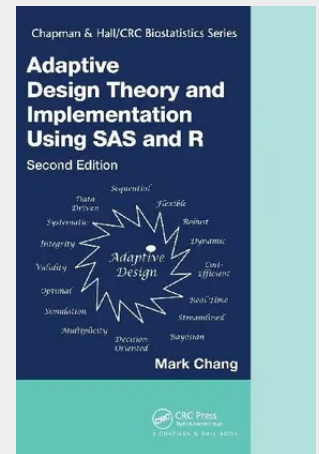


Adaptive Design Theory and Implementation Using SAS and R

Get Up to Speed on Many Types of Adaptive Designs Since the publication of the first edition, there have been remarkable advances in the methodology and application of adaptive trials. Incorporating many of these new developments, Adaptive Design Theory and Implementation Using SAS and R, Second Edition offers a detailed framework to understand the use of various adaptive design methods in clinical trials. New to the Second Edition - Twelve new chapters covering blinded and semi-blinded sample size reestimation design, pick-the-winners design, biomarker-informed adaptive design, Bayesian designs, adaptive multiregional trial design, SAS and R for group sequential design, and much more - More analytical methods for K-stage adaptive designs, multiple-endpoint adaptive design, survival modeling, and adaptive treatment switching - New material on sequential parallel designs with rerandomization and the skeleton approach in adaptive dose-escalation trials - Twenty new SAS macros and R functions - Enhanced end-of-chapter problems that give readers hands-on practice addressing issues encountered in designing real-life adaptive trials Covering even more adaptive designs, this book provides biostatisticians, clinical scientists, and regulatory reviewers with up-to-date details on this innovative area in pharmaceutical research and development. Practitioners will be able to improve the efficiency of their trial design, thereby reducing the time and cost of drug development.

Covering even more adaptive designs, this second edition offers a detailed framework to understand the use of various adaptive design methods in clinical trials. It includes 12 new chapters, more analytical methods, 20 new SAS macros and R functions, and enhanced end-of-chapter problems that give readers hands-on practice addressing issues encountered in designing real-life adaptive trials. The book compares various methods using SAS and R simulations and explains how to analyze data in adaptive trials.



99,50 €

99,50 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781138034235

Medium: Buch

ISBN: 978-1-138-03423-5

Verlag: Chapman and Hall/CRC

Erscheinungstermin: 14.10.2016

Sprache(n): Englisch

Auflage: 2. Auflage 2016

Serie: Chapman & Hall/CRC

Biostatistics Series

Produktform: Kartoniert

Gewicht: 1056 g

Seiten: 706

Format (B x H): 156 x 234 mm

