



Crossover Designs: Testing, Estimation, and Sample Size (Statistics in Practice)

Kung-Jong Lui

Download now

[Click here](#) if your download doesn't start automatically

Crossover Designs: Testing, Estimation, and Sample Size (Statistics in Practice)

Kung-Jong Lui

Crossover Designs: Testing, Estimation, and Sample Size (Statistics in Practice) Kung-Jong Lui

A comprehensive and practical resource for analyses of crossover designs

For ethical reasons, it is vital to keep the number of patients in a clinical trial as low as possible. As evidenced by extensive research publications, crossover design can be a useful and powerful tool to reduce the number of patients needed for a parallel group design in studying treatments for non-curable chronic diseases.

This book introduces commonly-used and well-established statistical tests and estimators in epidemiology that can easily be applied to hypothesis testing and estimation of the relative treatment effect for various types of data scale in crossover designs. Models with distribution-free random effects are assumed and hence most approaches considered here are semi-parametric. The book provides clinicians and biostatisticians with the exact test procedures and exact interval estimators, which are applicable even when the number of patients in a crossover trial is small. Systematic discussion on sample size determination is also included, which will be a valuable resource for researchers involved in crossover trial design.

Key features:

- Provides exact test procedures and interval estimators, which are especially of use in small-sample cases.
- Presents most test procedures and interval estimators in closed-forms, enabling readers to calculate them by use of a pocket calculator or commonly-used statistical packages.
- Each chapter is self-contained, allowing the book to be used a reference resource.
- Uses real-life examples to illustrate the practical use of test procedures and estimators
- Provides extensive exercises to help readers appreciate the underlying theory, learn other relevant test procedures and understand how to calculate the required sample size.

Crossover Designs: Testing, Estimation and Sample Size will be a useful resource for researchers from biostatistics, as well as pharmaceutical and clinical sciences. It can also be used as a textbook or reference for graduate students studying clinical experiments.

 [Download Crossover Designs: Testing, Estimation, and Sample ...pdf](#)

 [Read Online Crossover Designs: Testing, Estimation, and Samp ...pdf](#)

Download and Read Free Online Crossover Designs: Testing, Estimation, and Sample Size (Statistics in Practice) Kung-Jong Lui

From reader reviews:

Phillip Patten:

Book is to be different for each grade. Book for children right up until adult are different content. As we know that book is very important for us. The book Crossover Designs: Testing, Estimation, and Sample Size (Statistics in Practice) seemed to be making you to know about other know-how and of course you can take more information. It is rather advantages for you. The reserve Crossover Designs: Testing, Estimation, and Sample Size (Statistics in Practice) is not only giving you far more new information but also to get your friend when you experience bored. You can spend your personal spend time to read your e-book. Try to make relationship together with the book Crossover Designs: Testing, Estimation, and Sample Size (Statistics in Practice). You never truly feel lose out for everything in case you read some books.

Henry Woods:

This book untitled Crossover Designs: Testing, Estimation, and Sample Size (Statistics in Practice) to be one of several books this best seller in this year, that is because when you read this guide you can get a lot of benefit upon it. You will easily to buy this kind of book in the book retailer or you can order it by using online. The publisher of the book sells the e-book too. It makes you easier to read this book, because you can read this book in your Smart phone. So there is no reason to you to past this reserve from your list.

Coleman Bailey:

The book with title Crossover Designs: Testing, Estimation, and Sample Size (Statistics in Practice) contains a lot of information that you can understand it. You can get a lot of gain after read this book. This book exist new knowledge the information that exist in this book represented the condition of the world today. That is important to yo7u to know how the improvement of the world. This particular book will bring you inside new era of the globalization. You can read the e-book in your smart phone, so you can read the idea anywhere you want.

Ronald Cleary:

Is it an individual who having spare time in that case spend it whole day by means of watching television programs or just telling lies on the bed? Do you need something totally new? This Crossover Designs: Testing, Estimation, and Sample Size (Statistics in Practice) can be the answer, oh how comes? A book you know. You are consequently out of date, spending your free time by reading in this brand-new era is common not a geek activity. So what these textbooks have than the others?

**Download and Read Online Crossover Designs: Testing, Estimation,
and Sample Size (Statistics in Practice) Kung-Jong Lui
#X9EO85I2PCM**

Read Crossover Designs: Testing, Estimation, and Sample Size (Statistics in Practice) by Kung-Jong Lui for online ebook

Crossover Designs: Testing, Estimation, and Sample Size (Statistics in Practice) by Kung-Jong Lui Free PDF download, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Crossover Designs: Testing, Estimation, and Sample Size (Statistics in Practice) by Kung-Jong Lui books to read online.

Online Crossover Designs: Testing, Estimation, and Sample Size (Statistics in Practice) by Kung-Jong Lui ebook PDF download

Crossover Designs: Testing, Estimation, and Sample Size (Statistics in Practice) by Kung-Jong Lui Doc

Crossover Designs: Testing, Estimation, and Sample Size (Statistics in Practice) by Kung-Jong Lui Mobipocket

Crossover Designs: Testing, Estimation, and Sample Size (Statistics in Practice) by Kung-Jong Lui EPub