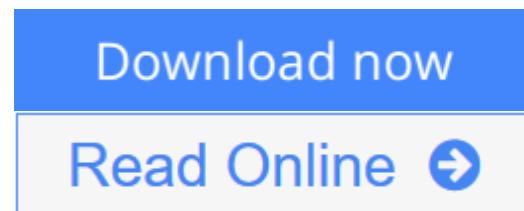


The Jackknife and Bootstrap (Springer Series in Statistics)

By Jun Shao, Dongsheng Tu



The Jackknife and Bootstrap (Springer Series in Statistics) By Jun Shao, Dongsheng Tu

The jackknife and bootstrap are the most popular data-resampling methods used in statistical analysis. The resampling methods replace theoretical derivations required in applying traditional methods (such as substitution and linearization) in statistical analysis by repeatedly resampling the original data and making inferences from the resamples. Because of the availability of inexpensive and fast computing, these computer-intensive methods have caught on very rapidly in recent years and are particularly appreciated by applied statisticians. The primary aims of this book are (1) to provide a systematic introduction to the theory of the jackknife, the bootstrap, and other resampling methods developed in the last twenty years; (2) to provide a guide for applied statisticians: practitioners often use (or misuse) the resampling methods in situations where no theoretical confirmation has been made; and (3) to stimulate the use of the jackknife and bootstrap and further developments of the resampling methods. The theoretical properties of the jackknife and bootstrap methods are studied in this book in an asymptotic framework. Theorems are illustrated by examples. Finite sample properties of the jackknife and bootstrap are mostly investigated by examples and/or empirical simulation studies. In addition to the theory for the jackknife and bootstrap methods in problems with independent and identically distributed (i.i.d.) data, we try to cover, as much as we can, the applications of the jackknife and bootstrap in various complicated non-i.i.d. data problems.

 [Download The Jackknife and Bootstrap \(Springer Series in St ...pdf](#)

 [Read Online The Jackknife and Bootstrap \(Springer Series in ...pdf](#)

The Jackknife and Bootstrap (Springer Series in Statistics)

By Jun Shao, Dongsheng Tu

The Jackknife and Bootstrap (Springer Series in Statistics) By Jun Shao, Dongsheng Tu

The jackknife and bootstrap are the most popular data-resampling methods used in statistical analysis. The resampling methods replace theoretical derivations required in applying traditional methods (such as substitution and linearization) in statistical analysis by repeatedly resampling the original data and making inferences from the resamples. Because of the availability of inexpensive and fast computing, these computer-intensive methods have caught on very rapidly in recent years and are particularly appreciated by applied statisticians. The primary aims of this book are (1) to provide a systematic introduction to the theory of the jackknife, the bootstrap, and other resampling methods developed in the last twenty years; (2) to provide a guide for applied statisticians: practitioners often use (or misuse) the resampling methods in situations where no theoretical confirmation has been made; and (3) to stimulate the use of the jackknife and bootstrap and further developments of the resampling methods. The theoretical properties of the jackknife and bootstrap methods are studied in this book in an asymptotic framework. Theorems are illustrated by examples. Finite sample properties of the jackknife and bootstrap are mostly investigated by examples and/or empirical simulation studies. In addition to the theory for the jackknife and bootstrap methods in problems with independent and identically distributed (Li.d.) data, we try to cover, as much as we can, the applications of the jackknife and bootstrap in various complicated non-Li.d. data problems.

The Jackknife and Bootstrap (Springer Series in Statistics) By Jun Shao, Dongsheng Tu Bibliography

- Sales Rank: #2553759 in Books
- Published on: 1996-09-12
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x 1.19" w x 6.14" l, 1.98 pounds
- Binding: Hardcover
- 517 pages



[Download The Jackknife and Bootstrap \(Springer Series in St ...pdf](#)



[Read Online The Jackknife and Bootstrap \(Springer Series in ...pdf](#)

Download and Read Free Online The Jackknife and Bootstrap (Springer Series in Statistics) By Jun Shao, Dongsheng Tu

Editorial Review

Users Review

From reader reviews:

Jane Riley:

Do you have favorite book? If you have, what is your favorite's book? Guide is very important thing for us to know everything in the world. Each guide has different aim as well as goal; it means that e-book has different type. Some people experience enjoy to spend their time for you to read a book. They are reading whatever they acquire because their hobby is reading a book. Think about the person who don't like reading through a book? Sometime, man or woman feel need book once they found difficult problem or even exercise. Well, probably you will want this The Jackknife and Bootstrap (Springer Series in Statistics).

Maurice Henkel:

Book is to be different for each and every grade. Book for children until eventually adult are different content. We all know that that book is very important usually. The book The Jackknife and Bootstrap (Springer Series in Statistics) ended up being making you to know about other understanding and of course you can take more information. It is quite advantages for you. The guide The Jackknife and Bootstrap (Springer Series in Statistics) is not only giving you considerably more new information but also to get your friend when you truly feel bored. You can spend your own spend time to read your reserve. Try to make relationship with the book The Jackknife and Bootstrap (Springer Series in Statistics). You never really feel lose out for everything in the event you read some books.

Lori Suda:

This The Jackknife and Bootstrap (Springer Series in Statistics) book is not really ordinary book, you have after that it the world is in your hands. The benefit you will get by reading this book is definitely information inside this reserve incredible fresh, you will get facts which is getting deeper you actually read a lot of information you will get. That The Jackknife and Bootstrap (Springer Series in Statistics) without we comprehend teach the one who reading it become critical in considering and analyzing. Don't always be worry The Jackknife and Bootstrap (Springer Series in Statistics) can bring whenever you are and not make your bag space or bookshelves' turn into full because you can have it with your lovely laptop even telephone. This The Jackknife and Bootstrap (Springer Series in Statistics) having fine arrangement in word in addition to layout, so you will not truly feel uninterested in reading.

Marlyn Melia:

As we know that book is vital thing to add our information for everything. By a guide we can know

everything we would like. A book is a list of written, printed, illustrated or even blank sheet. Every year was exactly added. This publication The Jackknife and Bootstrap (Springer Series in Statistics) was filled about science. Spend your spare time to add your knowledge about your scientific disciplines competence. Some people has diverse feel when they reading any book. If you know how big benefit of a book, you can truly feel enjoy to read a publication. In the modern era like right now, many ways to get book that you wanted.

Download and Read Online The Jackknife and Bootstrap (Springer Series in Statistics) By Jun Shao, Dongsheng Tu #Y2BKE04STH9

Read The Jackknife and Bootstrap (Springer Series in Statistics) By Jun Shao, Dongsheng Tu for online ebook

The Jackknife and Bootstrap (Springer Series in Statistics) By Jun Shao, Dongsheng Tu Free PDF d0wnl0ad, 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 The Jackknife and Bootstrap (Springer Series in Statistics) By Jun Shao, Dongsheng Tu books to read online.

Online The Jackknife and Bootstrap (Springer Series in Statistics) By Jun Shao, Dongsheng Tu ebook PDF download

The Jackknife and Bootstrap (Springer Series in Statistics) By Jun Shao, Dongsheng Tu Doc

The Jackknife and Bootstrap (Springer Series in Statistics) By Jun Shao, Dongsheng Tu MobiPocket

The Jackknife and Bootstrap (Springer Series in Statistics) By Jun Shao, Dongsheng Tu EPub