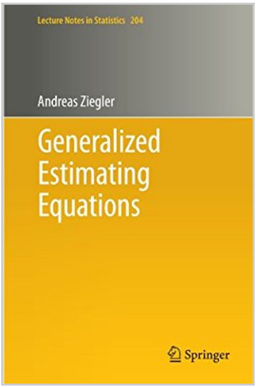

Generalized Estimating Equations (Lecture Notes in Statistics)

By Andreas Ziegler

Generalized Estimating Equations (Lecture Notes in Statistics) By Andreas Ziegler

Generalized estimating equations have become increasingly popular in biometrical, econometrical, and psychometrical applications because they overcome the classical assumptions of statistics, i.e. independence and normality, which are too restrictive for many problems.

Therefore, the main goal of this book is to give a systematic presentation of the original generalized estimating equations (GEE) and some of its further developments. Subsequently, the emphasis is put on the unification of various GEE approaches. This is done by the use of two different estimation techniques, the pseudo maximum likelihood (PML) method and the generalized method of moments (GMM).

The author details the statistical foundation of the GEE approach using more general estimation techniques. The book could therefore be used as basis for a course to graduate students in statistics, biostatistics, or econometrics, and will be useful to practitioners in the same fields.

Generalized Estimating Equations (Lecture Notes in Statistics)

By Andreas Ziegler

Generalized Estimating Equations (Lecture Notes in Statistics) By Andreas Ziegler

Generalized estimating equations have become increasingly popular in biometrical, econometrical, and psychometrical applications because they overcome the classical assumptions of statistics, i.e. independence and normality, which are too restrictive for many problems.

Therefore, the main goal of this book is to give a systematic presentation of the original generalized estimating equations (GEE) and some of its further developments. Subsequently, the emphasis is put on the unification of various GEE approaches. This is done by the use of two different estimation techniques, the pseudo maximum likelihood (PML) method and the generalized method of moments (GMM).

The author details the statistical foundation of the GEE approach using more general estimation techniques. The book could therefore be used as basis for a course to graduate students in statistics, biostatistics, or econometrics, and will be useful to practitioners in the same fields.

Generalized Estimating Equations (Lecture Notes in Statistics) By Andreas Ziegler Bibliography

- Rank: #4501500 in Books
- Published on: 2011-06-21
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .37" w x 6.10" l, .50 pounds
- Binding: Paperback
- 144 pages

Editorial Review

From the Back Cover

Generalized estimating equations have become increasingly popular in biometrical, econometrical, and psychometrical applications because they overcome the classical assumptions of statistics, i.e. independence and normality, which are too restrictive for many problems.

Therefore, the main goal of this book is to give a systematic presentation of the original generalized estimating equations (GEE) and some of its further developments. Subsequently, the emphasis is put on the unification of various GEE approaches. This is done by the use of two different estimation techniques, the pseudo maximum likelihood (PML) method and the generalized method of moments (GMM).

The author details the statistical foundation of the GEE approach using more general estimation techniques. The book could therefore be used as basis for a course to graduate students in statistics, biostatistics, or econometrics, and will be useful to practitioners in the same fields.

About the Author
After studying statistics and mathematics at the University of Munich, Andreas Ziegler obtained his doctoral degree from the University of Dortmund (Germany) for his thesis on methodological developments on generalized estimating equations. In the past 15 years, he has authored or co-authored more than 300 journal articles and 6 books. He has received several awards for his methodological developments and collaborative studies in clinical trials and genetic epidemiology. Andreas Ziegler is professor and head of the Institute of Medical Biometry and Statistics at the University of Lübeck (Germany).

Users Review

From reader reviews:

Numbers Harless:

Do you have favorite book? If you have, what is your favorite's book? Book is very important thing for us to be aware of everything in the world. Each book has different aim or perhaps goal; it means that publication has different type. Some people experience enjoy to spend their time and energy to read a book. They are really reading whatever they take because their hobby is reading a book. Think about the person who don't like examining a book? Sometime, man or woman feel need book whenever they found difficult problem or maybe exercise. Well, probably you will require this Generalized Estimating Equations (Lecture Notes in Statistics).

Kevin Blais:

Often the book Generalized Estimating Equations (Lecture Notes in Statistics) will bring you to the new experience of reading any book. The author style to clarify the idea is very unique. In the event you try to find new book you just read, this book very ideal to you. The book Generalized Estimating Equations

(Lecture Notes in Statistics) is much recommended to you to learn. You can also get the e-book through the official web site, so you can more easily to read the book.

Ola Hellman:

The actual book Generalized Estimating Equations (Lecture Notes in Statistics) has a lot details on it. So when you check out this book you can get a lot of profit. The book was published by the very famous author. The author makes some research ahead of write this book. This book very easy to read you can obtain the point easily after reading this article book.

Gloria Engstrom:

This Generalized Estimating Equations (Lecture Notes in Statistics) is great e-book for you because the content which can be full of information for you who always deal with world and get to make decision every minute. This specific book reveal it info accurately using great plan word or we can declare no rambling sentences in it. So if you are read this hurriedly you can have whole information in it. Doesn't mean it only gives you straight forward sentences but challenging core information with wonderful delivering sentences. Having Generalized Estimating Equations (Lecture Notes in Statistics) in your hand like keeping the world in your arm, info in it is not ridiculous just one. We can say that no reserve that offer you world in ten or fifteen minute right but this guide already do that. So , this is certainly good reading book. Hey Mr. and Mrs. stressful do you still doubt that?

Read Generalized Estimating Equations (Lecture Notes in Statistics) By Andreas Ziegler for online ebook

Generalized Estimating Equations (Lecture Notes in Statistics) By Andreas Ziegler 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 Generalized Estimating Equations (Lecture Notes in Statistics) By Andreas Ziegler books to read online.

Online Generalized Estimating Equations (Lecture Notes in Statistics) By Andreas Ziegler ebook PDF download

Generalized Estimating Equations (Lecture Notes in Statistics) By Andreas Ziegler Doc

Generalized Estimating Equations (Lecture Notes in Statistics) By Andreas Ziegler Mobipocket

Generalized Estimating Equations (Lecture Notes in Statistics) By Andreas Ziegler EPub