



Discrete Distributions: Applications in the Health Sciences (Wiley Series in Probability and Statistics)

By Daniel Zelterman

[Download now](#)

[Read Online](#) 

Discrete Distributions: Applications in the Health Sciences (Wiley Series in Probability and Statistics) By Daniel Zelterman

There have been many advances in the theory and applications of discrete distributions in recent years. They can be applied to a wide range of problems, particularly in the health sciences, although a good understanding of their properties is very important. *Discrete Distributions: Applications in the Health Sciences* describes a number of new discrete distributions that arise in the statistical examination of real examples. For each example, an understanding of the issues surrounding the data provides the motivation for the subsequent development of the statistical models.

- Provides an overview of discrete distributions and their applications in the health sciences.
- Focuses on real examples, giving readers an insight into the utility of the models.
- Describes the properties of each distribution, and the methods that led to their development.
- Presents a range of examples from the health sciences, including cancer, epidemiology, and demography.
- Features discussion of software implementation – in SAS, Fortran and R – enabling readers to apply the methods to their own problems.
- Written in an accessible style, suitable for applied statisticians and numerate health scientists.
- Software and data sets are made available on the Web.

Discrete Distributions: Applications in the Health Sciences provides a practical introduction to these powerful statistical tools and their applications, suitable for researchers and graduate students from statistics and biostatistics. The focus on applications, and the accessible style of the book, make it an excellent practical reference source for practitioners from the health sciences.

 [Download](#) Discrete Distributions: Applications in the Health ...pdf

 [Read Online](#) Discrete Distributions: Applications in the Heal ...pdf

Discrete Distributions: Applications in the Health Sciences (Wiley Series in Probability and Statistics)

By Daniel Zelterman

Discrete Distributions: Applications in the Health Sciences (Wiley Series in Probability and Statistics)

By Daniel Zelterman

There have been many advances in the theory and applications of discrete distributions in recent years. They can be applied to a wide range of problems, particularly in the health sciences, although a good understanding of their properties is very important. *Discrete Distributions: Applications in the Health Sciences* describes a number of new discrete distributions that arise in the statistical examination of real examples. For each example, an understanding of the issues surrounding the data provides the motivation for the subsequent development of the statistical models.

- Provides an overview of discrete distributions and their applications in the health sciences.
- Focuses on real examples, giving readers an insight into the utility of the models.
- Describes the properties of each distribution, and the methods that led to their development.
- Presents a range of examples from the health sciences, including cancer, epidemiology, and demography.
- Features discussion of software implementation – in SAS, Fortran and R – enabling readers to apply the methods to their own problems.
- Written in an accessible style, suitable for applied statisticians and numerate health scientists.
- Software and data sets are made available on the Web.

Discrete Distributions: Applications in the Health Sciences provides a practical introduction to these powerful statistical tools and their applications, suitable for researchers and graduate students from statistics and biostatistics. The focus on applications, and the accessible style of the book, make it an excellent practical reference source for practitioners from the health sciences.

Discrete Distributions: Applications in the Health Sciences (Wiley Series in Probability and Statistics)

By Daniel Zelterman Bibliography

- Sales Rank: #6166866 in Books
- Published on: 2004-07-02
- Original language: English
- Number of items: 1
- Dimensions: 9.20" h x .85" w x 6.10" l, 1.26 pounds
- Binding: Hardcover
- 306 pages

 [Download Discrete Distributions: Applications in the Health ...pdf](#)

 [Read Online Discrete Distributions: Applications in the Heal ...pdf](#)

Download and Read Free Online Discrete Distributions: Applications in the Health Sciences (Wiley Series in Probability and Statistics) By Daniel Zelterman

Editorial Review

Review

"...should appeal to those in statistical research and biostatistical practice who have similar applications."
(*Technometrics*, August 2005)

From the Back Cover

There have been many advances in the theory and applications of discrete distributions in recent years. They can be applied to a wide range of problems, particularly in the health sciences. *Discrete Distributions: Applications in the Health Sciences* describes a number of new discrete distributions that arise in the statistical examination of real examples. For each example, an understanding of the issues surrounding the data provides the motivation for the subsequent development of the statistical models.

- Provides an overview of discrete distributions and their applications in the health sciences.
- Focuses on real examples, giving readers an insight into the utility of the models.
- Describes the properties of each distribution, and the methods that led to their development.
- Presents a range of examples from the health sciences, including cancer, epidemiology, and demography.
- Features discussion of software implementation - in SAS, Fortran and R - enabling readers to apply the methods to their own problems.
- Written in an accessible style, suitable for applied statisticians and numerate health scientists.
- Software and data sets are made available on the Web.

Discrete Distributions: Applications in the Health Sciences provides a practical introduction to these powerful statistical tools and their applications, suitable for researchers and graduate students from statistics and biostatistics. The focus on applications, and the accessible style of the book, make it an excellent practical reference source for practitioners from the health sciences.

About the Author

Daniel Zelterman, PhD, is Professor of Epidemiology and Public Health, Division of Biostatistics, at Yale University. His application areas include work in AIDS and cancer. Before moving to Yale in 1995, he was on the faculty of the University of Minnesota and of the State University of New York at Albany. He is an elected Fellow of the American Statistical Association and is an Associate Editor of *Biometrics* and several other statistical journals. In his spare time, he plays the bassoon in several amateur chamber and orchestral groups in the New Haven area.

Users Review

From reader reviews:

Rose Sosa:

The book Discrete Distributions: Applications in the Health Sciences (Wiley Series in Probability and Statistics) can give more knowledge and also the precise product information about everything you want. So why must we leave the best thing like a book Discrete Distributions: Applications in the Health Sciences (Wiley Series in Probability and Statistics)? Several of you have a different opinion about guide. But one aim this book can give many facts for us. It is absolutely suitable. Right now, try to closer along with your book. Knowledge or info that you take for that, you may give for each other; you are able to share all of these.

Book Discrete Distributions: Applications in the Health Sciences (Wiley Series in Probability and Statistics) has simple shape however, you know: it has great and big function for you. You can look the enormous world by start and read a guide. So it is very wonderful.

Steven Kilgore:

What do you with regards to book? It is not important together with you? Or just adding material if you want something to explain what you problem? How about your spare time? Or are you busy person? If you don't have spare time to do others business, it is gives you the sense of being bored faster. And you have extra time? What did you do? Everyone has many questions above. They must answer that question mainly because just their can do that. It said that about book. Book is familiar in each person. Yes, it is correct. Because start from on kindergarten until university need this specific Discrete Distributions: Applications in the Health Sciences (Wiley Series in Probability and Statistics) to read.

Juan Crowe:

This book untitled Discrete Distributions: Applications in the Health Sciences (Wiley Series in Probability and Statistics) to be one of several books this best seller in this year, this is because when you read this e-book you can get a lot of benefit into it. You will easily to buy this kind of book in the book retailer or you can order it by means of online. The publisher of this book sells the e-book too. It makes you quickly to read this book, since you can read this book in your Smart phone. So there is no reason for you to past this publication from your list.

Everett Barton:

Do you have something that you want such as book? The publication lovers usually prefer to decide on book like comic, quick story and the biggest the first is novel. Now, why not attempting Discrete Distributions: Applications in the Health Sciences (Wiley Series in Probability and Statistics) that give your fun preference will be satisfied by reading this book. Reading behavior all over the world can be said as the means for people to know world considerably better then how they react to the world. It can't be mentioned constantly that reading practice only for the geeky particular person but for all of you who wants to become success person. So , for all you who want to start reading through as your good habit, you can pick Discrete Distributions: Applications in the Health Sciences (Wiley Series in Probability and Statistics) become your own starter.

Download and Read Online Discrete Distributions: Applications in the Health Sciences (Wiley Series in Probability and Statistics) By Daniel Zelterman #J08YCF5ZH09

Read Discrete Distributions: Applications in the Health Sciences (Wiley Series in Probability and Statistics) By Daniel Zelterman for online ebook

Discrete Distributions: Applications in the Health Sciences (Wiley Series in Probability and Statistics) By Daniel Zelterman 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 Discrete Distributions: Applications in the Health Sciences (Wiley Series in Probability and Statistics) By Daniel Zelterman books to read online.

Online Discrete Distributions: Applications in the Health Sciences (Wiley Series in Probability and Statistics) By Daniel Zelterman ebook PDF download

Discrete Distributions: Applications in the Health Sciences (Wiley Series in Probability and Statistics) By Daniel Zelterman Doc

Discrete Distributions: Applications in the Health Sciences (Wiley Series in Probability and Statistics) By Daniel Zelterman MobiPocket

Discrete Distributions: Applications in the Health Sciences (Wiley Series in Probability and Statistics) By Daniel Zelterman EPub