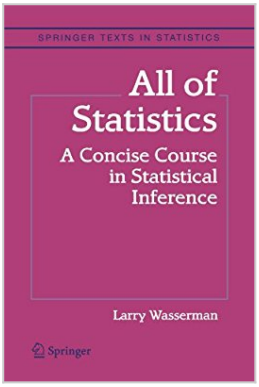

All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics)

By Larry Wasserman

All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics) By Larry Wasserman

Taken literally, the title "All of Statistics" is an exaggeration. But in spirit, the title is apt, as the book does cover a much broader range of topics than a typical introductory book on mathematical statistics. This book is for people who want to learn probability and statistics quickly. It is suitable for graduate or advanced undergraduate students in computer science, mathematics, statistics, and related disciplines.

The book includes modern topics like non-parametric curve estimation, bootstrapping, and classification, topics that are usually relegated to follow-up courses. The reader is presumed to know calculus and a little linear algebra. No previous knowledge of probability and statistics is required. Statistics, data mining, and machine learning are all concerned with collecting and analysing data.

All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics)

By Larry Wasserman

All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics) By Larry Wasserman

Taken literally, the title "All of Statistics" is an exaggeration. But in spirit, the title is apt, as the book does cover a much broader range of topics than a typical introductory book on mathematical statistics. This book is for people who want to learn probability and statistics quickly. It is suitable for graduate or advanced undergraduate students in computer science, mathematics, statistics, and related disciplines.

The book includes modern topics like non-parametric curve estimation, bootstrapping, and classification, topics that are usually relegated to follow-up courses. The reader is presumed to know calculus and a little linear algebra. No previous knowledge of probability and statistics is required. Statistics, data mining, and machine learning are all concerned with collecting and analysing data.

All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics) By Larry Wasserman Bibliography

- Sales Rank: #353634 in Books
- Published on: 2010-02-19
- Original language: English
- Number of items: 1
- Dimensions: 9.00" h x 1.06" w x 6.00" l, 1.43 pounds
- Binding: Paperback
- 442 pages

Editorial Review

Review

Winner of the 2005 DeGroot Prize.

From the reviews:

"Presuming no previous background in statistics and described by the author as "demanding" yet "understandable because the material is as intuitive as possible" (p. viii), this certainly would be my choice of textbook if I was required to learn mathematical statistics again for a couple of semesters." *Technometrics, August 2004*

"This book should be seriously considered as a text for a theoretical statsitics course for non-majors, and perhaps even for majors...The coverage of emerging and important topics is timely and welcomed...you should have this book on your desk as a reference to nothing less than 'All of Statistics.'" *Biometrics, December 2004*

"Although *All of Statistics* is an ambitious title, this book is a concise guide, as the subtitle suggests....I recommend it to anyone who has an interest in learning something new about statistical inference. There is something here for everyone." *The American Statistician, May 2005*

"As the title of the book suggests, 'All of Statistics' covers a wide range of statistical topics. … The number of topics covered in this book is vast … . The greatest strength of this book is as a first point of reference for a wide range of statistical methods. … I would recommend this book as a useful and interesting introduction to a large number of statistical topics for non-statisticians and also as a useful reference book for practicing statisticians." (Matthew J. Langdon, Journal of Applied Statistics, Vol. 32 (1), January, 2005)

"This book was written specifically to give students a quick but sound understanding of modern statistics, and its coverage is very wide. … The book is extremely well done … ." (N. R. Draper, Short Book Reviews, Vol. 24 (2), 2004)

"This is most definitely a book about mathematical statistics. It is full of theorems and proofs … . Presuming no previous background in statistics … this certainly would be my choice of textbook if I was required to learn mathematical statistics again for a couple of semesters." (Eric R. Ziegel, Technometrics, Vol. 46 (3), August, 2004)

"The author points out that this book is for those who wish to learn probability and statistics quickly … . this book will serve as a guideline for instructors as to what should constitute a basic education in modern statistics. It introduces many modern topics … . Adequate references are provided at the end of each chapter which the instructor will be able to use profitably … ." (Arup Bose, Sankhya, Vol. 66 (3), 2004)

"The amount of material that is covered in this book is impressive. … the explanations are generally clear and the wide range of techniques that are discussed makes it possible to include a diverse set of examples … . The worked examples are complemented with numerous theoretical and practical exercises … . is a very useful overview of many areas of modern statistics and as such will be very useful to readers who require such a survey. Library copies would also see plenty of use." (Stuart Barber, Journal of the Royal Statistical

Society, Series A – Statistics in Society, Vol. 168 (1), 2005)

From the Back Cover

This book is for people who want to learn probability and statistics quickly. It brings together many of the main ideas in modern statistics in one place. The book is suitable for students and researchers in statistics, computer science, data mining and machine learning.

This book covers a much wider range of topics than a typical introductory text on mathematical statistics. It includes modern topics like nonparametric curve estimation, bootstrapping and classification, topics that are usually relegated to follow-up courses. The reader is assumed to know calculus and a little linear algebra. No previous knowledge of probability and statistics is required. The text can be used at the advanced undergraduate and graduate level.

Larry Wasserman is Professor of Statistics at Carnegie Mellon University. He is also a member of the Center for Automated Learning and Discovery in the School of Computer Science. His research areas include nonparametric inference, asymptotic theory, causality, and applications to astrophysics, bioinformatics, and genetics. He is the 1999 winner of the Committee of Presidents of Statistical Societies Presidents' Award and the 2002 winner of the Centre de recherches mathematiques de Montreal–Statistical Society of Canada Prize in Statistics. He is Associate Editor of *The Journal of the American Statistical Association* and *The Annals of Statistics*. He is a fellow of the American Statistical Association and of the Institute of Mathematical Statistics.

About the Author
Larry Wasserman is Professor of Statistics at Carnegie Mellon University. He is also a member of the Center for Automated Learning and Discovery in the School of Computer Science. His research areas include nonparametric inference, asymptotic theory, causality, and applications to astrophysics, bioinformatics, and genetics. He is the 1999 winner of the Committee of Presidents of Statistical Societies Presidents' Award and the 2002 winner of the Centre de recherches mathematiques de Montreal–Statistical Society of Canada Prize in Statistics. He is Associate Editor of *The Journal of the American Statistical Association* and *The Annals of Statistics*. He is a fellow of the American Statistical Association and of the Institute of Mathematical Statistics.

Users Review

From reader reviews:

Frances Lockhart:

Do you have favorite book? When you have, what is your favorite's book? E-book is very important thing for us to understand everything in the world. Each guide has different aim as well as goal; it means that guide has different type. Some people experience enjoy to spend their time to read a book. They are really reading whatever they acquire because their hobby is usually reading a book. Consider the person who don't like examining a book? Sometime, man feel need book once they found difficult problem or perhaps exercise. Well, probably you will require this All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics).

Roger Sowa:

Book is written, printed, or descriptive for everything. You can learn everything you want by a book. Book has a different type. As we know that book is important thing to bring us around the world. Adjacent to that you can your reading ability was fluently. A reserve All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics) will make you to end up being smarter. You can feel far more confidence if you can know about every thing. But some of you think that open or reading a book make you bored. It isn't make you fun. Why they can be thought like that? Have you trying to find best book or suited book with you?

Danny Saleem:

Are you kind of stressful person, only have 10 or maybe 15 minute in your day to upgrading your mind talent or thinking skill perhaps analytical thinking? Then you are having problem with the book than can satisfy your small amount of time to read it because pretty much everything time you only find e-book that need more time to be study. All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics) can be your answer given it can be read by you actually who have those short time problems.

Maranda Shoemaker:

As we know that book is very important thing to add our information for everything. By a book we can know everything we would like. A book is a list of written, printed, illustrated or maybe blank sheet. Every year was exactly added. This guide All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics) was filled in relation to science. Spend your spare time to add your knowledge about your science competence. Some people has diverse feel when they reading the book. If you know how big benefit of a book, you can experience enjoy to read a reserve. In the modern era like right now, many ways to get book that you wanted.

Read All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics) By Larry Wasserman for online ebook

All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics) By Larry Wasserman 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 All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics) By Larry Wasserman books to read online.

Online All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics) By Larry Wasserman ebook PDF download

All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics) By Larry Wasserman Doc

All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics) By Larry Wasserman Mobipocket

All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics) By Larry Wasserman EPub

7GRYOZ5HIL2: All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics) By Larry Wasserman