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

⬇ **Download** All of Statistics: A Concise Course in Statistical ...pdf

🖹 **Read Online** All of Statistics: A Concise Course in Statistic ...pdf

Download and Read Free Online All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics) By Larry Wasserman

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

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:

Robert Crumrine:

Reading a guide can be one of a lot of pastime that everyone in the world likes. Do you like reading book and so. There are a lot of reasons why people enjoy it. First reading a reserve will give you a lot of new info. When you read a book you will get new information since book is one of many ways to share the information or even their idea. Second, studying a book will make an individual more imaginative. When you reading a book especially fiction book the author will bring you to definitely imagine the story how the people do it anything. Third, you may share your knowledge to other folks. When you read this All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics), you could tells your family, friends as well as soon about yours guide. Your knowledge can inspire the others, make them reading

a e-book.

Jorge Hinkley:

Playing with family in the park, coming to see the coastal world or hanging out with pals is thing that usually you have done when you have spare time, and then why you don't try issue that really opposite from that. One activity that make you not sensation tired but still relaxing, trilling like on roller coaster you have been ride on and with addition info. Even you love All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics), you could enjoy both. It is fine combination right, you still need to miss it? What kind of hang-out type is it? Oh come on its mind hangout folks. What? Still don't get it, oh come on its named reading friends.

Sheila Rocha:

Many people spending their time frame by playing outside together with friends, fun activity having family or just watching TV the whole day. You can have new activity to enjoy your whole day by examining a book. Ugh, do you think reading a book really can hard because you have to accept the book everywhere? It fine you can have the e-book, bringing everywhere you want in your Smart phone. Like All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics) which is obtaining the e-book version. So , try out this book? Let's see.

Donald Corbett:

A lot of e-book has printed but it differs. You can get it by world wide web on social media. You can choose the most beneficial book for you, science, comic, novel, or whatever simply by searching from it. It is named of book All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics). You can contribute your knowledge by it. Without leaving behind the printed book, it might add your knowledge and make you happier to read. It is most crucial that, you must aware about reserve. It can bring you from one destination for a other place.

Download and Read Online All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics) By Larry Wasserman #EDGBARYH62S

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

EDGBARYH62S: All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics) By Larry Wasserman