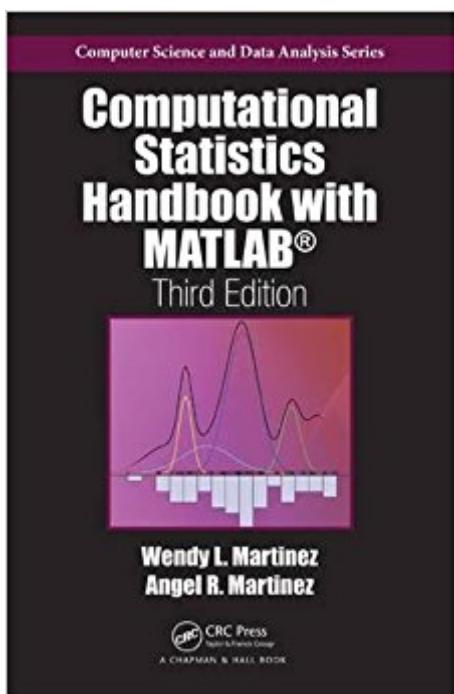


The book was found

# Computational Statistics Handbook With MATLAB, Third Edition (Chapman & Hall/CRC Computer Science & Data Analysis)



## Synopsis

A Strong Practical Focus on Applications and AlgorithmsComputational Statistics Handbook with MATLAB®, Third Edition covers todayâ™s most commonly used techniques in computational statistics while maintaining the same philosophy and writing style of the bestselling previous editions. The text keeps theoretical concepts to a minimum, emphasizing the implementation of the methods. New to the Third EditionThis third edition is updated with the latest version of MATLAB and the corresponding version of the Statistics and Machine Learning Toolbox. It also incorporates new sections on the nearest neighbor classifier, support vector machines, model checking and regularization, partial least squares regression, and multivariate adaptive regression splines. Web ResourceThe authors include algorithmic descriptions of the procedures as well as examples that illustrate the use of algorithms in data analysis. The MATLAB code, examples, and data sets are available online.

## Book Information

Series: Chapman & Hall/CRC Computer Science & Data Analysis (Book 22)

Hardcover: 759 pages

Publisher: Chapman and Hall/CRC; 3 edition (December 22, 2015)

Language: English

ISBN-10: 1466592737

ISBN-13: 978-1466592735

Product Dimensions: 6.1 x 1.6 x 9.2 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #200,825 in Books (See Top 100 in Books) #52 in Books > Science & Math > Agricultural Sciences > Crop Science #111 in Books > Medical Books > Basic Sciences > Biostatistics #136 in Books > Computers & Technology > Databases & Big Data > Data Mining

## Customer Reviews

Praise for Previous Editions:"â | useful as a reference where one can look to get a concise description of a statistical methodology and MATLAB code that can be used to implement it â | the book is excellent."â •Michael J. Evans, Mathematical Reviews, 2009e "My own brief assessment of the book leaves me impressed with the number of subjects covered â | the book can be a valuable reference to practicing statisticians (or statistical researchers) using MATLAB as their computing engines."â •Biometrics, March 2009 "â | this book is perfectly appropriate as a textbook for an

introductory course on computational statistics. It covers many useful topics, which in combination with the well-documented code, make the underlying concepts easy to grasp by the students. " | a very nice book to be used in an undergraduate- or masters-level computational statistics course. It would also prove useful to researchers in other fields that want to learn and implement quickly some advanced statistical techniques." •Journal of Statistical Software, July 2004, Vol. 11 "I am pleased to see the publication of a comprehensive book related to computational statistics and MATLAB. | this book is ambitious and well written. As a long-time user of MATLAB, I find this book useful as a reference, and thus recommend it highly to statisticians who use MATLAB. The book also would be very useful to engineers and scientists who are well trained in statistics." •Journal of the American Statistical Association, June 2004, Vol. 99, No. 466

Wendy L. Martinez is a mathematical statistician with the U.S. Bureau of Labor Statistics. She is a fellow of the American Statistical Association, a co-author of several popular Chapman & Hall/CRC books, and a MATLAB® user for more than 20 years. Her research interests include text data mining, probability density estimation, signal processing, scientific visualization, and statistical pattern recognition. She earned an M.S. in aerospace engineering from George Washington University and a Ph.D. in computational sciences and informatics from George Mason University. Angel R. Martinez is fully retired after a long career with the U.S. federal government and as an adjunct professor at Strayer University, where he taught undergraduate and graduate courses in statistics and mathematics. Before retiring from government service, he worked for the U.S. Navy as an operations research analyst and a computer scientist. He earned an M.S. in systems engineering from the Virginia Polytechnic Institute and State University and a Ph.D. in computational sciences and informatics from George Mason University.

[Download to continue reading...](#)

Computational Statistics Handbook with MATLAB, Third Edition (Chapman & Hall/CRC Computer Science & Data Analysis) Statistics and Data Analysis for Microarrays Using R and Bioconductor, Second Edition (Chapman & Hall/CRC Mathematical and Computational Biology) RNA-seq Data Analysis: A Practical Approach (Chapman & Hall/CRC Mathematical and Computational Biology) Introduction to Computational Biology: Maps, Sequences and Genomes (Chapman & Hall/CRC Interdisciplinary Statistics) Environmental and Ecological Statistics with R, Second Edition (Chapman & Hall/CRC Applied Environmental Statistics) Modelling Survival Data in Medical Research, Third Edition (Chapman & Hall/CRC Texts in Statistical Science) Data Classification: Algorithms and Applications (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series)

Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Decision Analysis, Business Analytics, Data Mining, Big Data) Introduction to High Performance Computing for Scientists and Engineers (Chapman & Hall/CRC Computational Science) Modeling and Analysis of Stochastic Systems, Third Edition (Chapman & Hall/CRC Texts in Statistical Science) Modern Data Science with R (Chapman & Hall/CRC Texts in Statistical Science) Dynamic Prediction in Clinical Survival Analysis (Chapman & Hall/CRC Monographs on Statistics & Applied Probability) Data Analytics: What Every Business Must Know About Big Data And Data Science (Data Analytics for Business, Predictive Analysis, Big Data Book 1) Data Analytics: Applicable Data Analysis to Advance Any Business Using the Power of Data Driven Analytics (Big Data Analytics, Data Science, Business Intelligence Book 6) Practical Statistics for Medical Research (Chapman & Hall/CRC Texts in Statistical Science) An Introduction to Systems Biology: Design Principles of Biological Circuits (Chapman & Hall/CRC Mathematical and Computational Biology) Variational Methods in Image Processing (Chapman & Hall/CRC Mathematical and Computational Imaging Sciences Series) Introduction to Proteins: Structure, Function, and Motion (Chapman & Hall/CRC Mathematical and Computational Biology) Algorithms in Bioinformatics: A Practical Introduction (Chapman & Hall/CRC Mathematical and Computational Biology) Modeling and Analysis of Stochastic Systems, Second Edition (Chapman & Hall/CRC Texts in Statistical Science)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)