C. Rose, M. Smith
Mathematical Statistics with Mathematica®
This path-breaking book presents a unified approach for doing mathematical statistics with Mathematica. The included mathStatica software builds upon Mathematica’s engine to create a sophisticated toolset specially designed for doing mathematical statistics.

Two accompanying CD-ROMs include the MathStatica software, an interactive version of the book, and a trial version of Mathematica 4.


P.J. Brockwell, R.A. Davis
Introduction to Time Series and Forecasting
"The emphasis is on hands-on experience and the friendly software that accompanies the book serves the purpose admirably. ... The authors should be congratulated for making the subject accessible and fun to learn."


T. Hastie, R. Tibshirani, J. Friedman
The Elements of Statistical Learning
Data Mining, Inference, and Prediction
The many topics include neural networks, support vector machines, classification trees and boosting - the first comprehensive treatment of this topic in any book.


K. Lange
Mathematical and Statistical Methods for Genetic Analysis
Written to equip students in the mathematical sciences to understand and model the epidemiological and experimental data encountered in genetics research. Mathematical, statistical, and computational principles relevant to this task are developed hand in hand with applications to population genetics, gene mapping, risk prediction, testing of epidemiological hypotheses, molecular evolution, and DNA sequence analysis.


C.S. Davis
Statistical Methods for the Analysis of Repeated Measurements
A comprehensive summary of a wide variety of statistical methods for the analysis of repeated measurements, designed to be both a useful reference for practitioners and a textbook for a graduate-level course focused on methods for the analysis of repeated measurements.

Data sets used in the examples and homework problems can be downloaded from the internet.