# Nonparametric Statistical Methods For Complete and Censored Data

*M.M. Desu, D. Raghavarao*
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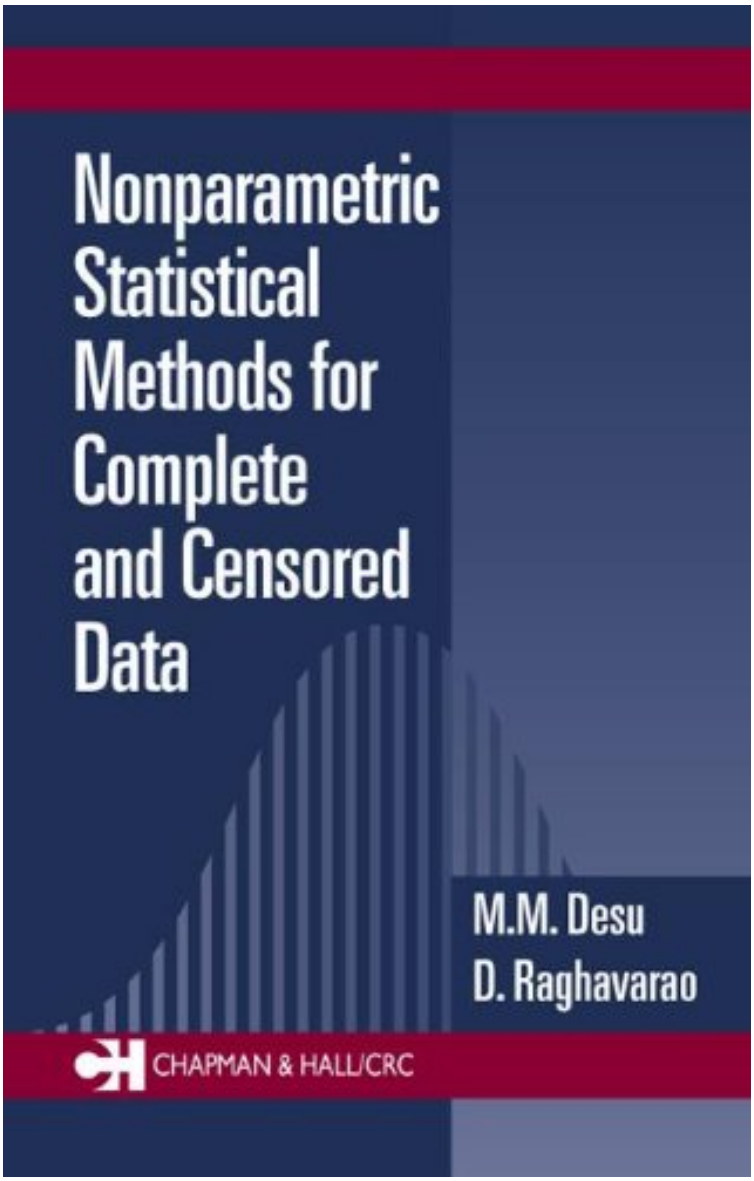




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**M.M. Desu, D. Raghavarao : Nonparametric Statistical Methods For Complete and Censored Data** before purchasing it in order to gage whether or not it would be worth my time, and all praised Nonparametric Statistical Methods For Complete and Censored Data:

0 of 0 people found the following review helpful. Good ref on the subjectBy StatAgeA quite helpful treatise on the topic. A wealth of information, nicely structured, comprehensive.2 of 2 people found the following review helpful. not your typical nonparametrics bookBy Michael R. ChernickThis book is not typical because (1) it combines theory and applications using SAS to illustrate the applications, (2) includes analysis of right censored data as extensions to techniques used with uncensored data and (3) includes the practical issues of sample size determination in the design and analysis of experiments.The authors are university professors who have also collaborated on a text devoted to sample size estimation. These techniques are particularly applicable to medical research, clinical trials and pharmaceutical research. The book is a useful reference for statisticians and practitioners who would have use for nonparametric methods.

Balancing the "cookbook" approach of some texts with the more mathematical approach of others, Nonparametric Statistical Methods for Complete and Censored Data introduces commonly used non-parametric methods for complete data and extends those methods to right censored data analysis. Whenever possible, the authors derive their methodology from the general theory of statistical inference and introduce the concepts intuitively for students with minimal backgrounds. Derivations and mathematical details are relegated to appendices at the end of each chapter, which allows students to easily proceed through each chapter without becoming bogged down in a lot of mathematics.In addition to the nonparametric methods for analyzing complete and censored data, the book covers optimal linear rank statistics, clinical equivalence, analysis of block designs, and precedence tests. To make the material more accessible and practical, the authors use SAS programs to illustrate the various methods included. Exercises in each chapter, SAS code, and a clear, accessible presentation make this an outstanding text for a one-semester senior or graduate-level course in nonparametric statistics for students in a variety of disciplines, from statistics and biostatistics to business, psychology, and the social scientists.Prerequisites: Students will need a solid background in calculus and a two-semester course in mathematical statistics.