DESCRIPTION

Many statistical modelling and data analysis techniques can be difficult to grasp and apply, and it is often necessary to use computer software to aid the implementation of large data sets and to obtain useful results. S-Plus is recognised as one of the most powerful and flexible statistical software packages, and it enables the user to apply a number of statistical methods, ranging from simple regression to time series or multivariate analysis. This text offers extensive coverage of many basic and more advanced statistical methods, concentrating on graphical inspection, and features step-by-step instructions to help the non-statistician to understand fully the methodology.

* Extensive coverage of basic, intermediate and advanced statistical methods

* Uses S-Plus, which is recognised globally as one of the most powerful and flexible statistical software packages

* Emphasis is on graphical data inspection, parameter estimation and model criticism

* Features hundreds of worked examples to illustrate the techniques described

* Accessible to scientists from a large number of disciplines with minimal statistical knowledge

* Written by a leading figure in the field, who runs a number of successful international short courses

* Accompanied by a Web site featuring worked examples, data sets, exercises and solutions

A valuable reference resource for researchers, professionals, lecturers and students from statistics, the life sciences, medicine, engineering, economics and the social sciences.
ABOUT THE AUTHOR

Michael J. Crawley, FRS, is with the Department of Biological Sciences, Imperial College of Science, Technology and Medicine.

He is the author of three bestselling Wiley statistics titles and five life science books.

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