

The Multivariate Social Scientist: Introductory Statistics Using Generalized Linear Models

By Graeme D Hutcheson, Nick Sofroniou

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Starting from simple hypothesis testing and then moving towards model-building, this valuable book takes readers through the basics of multivariate analysis including: which tests to use on which data; how to run analyses in SPSS for Windows and GLIM4; how to interpret results; and how to report and present the reports appropriately.

Using a unified conceptual framework (based around the Generalized Linear Model) the authors explain the commonalities and relationships between methods that include both the analysis of categorical and continuous data.

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Editorial Review

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I learnt a lot from this book, which is very clear and carefully explains a wide range of multivariate techniques, basing them all on a consistent explanatory framework. It will be invaluable for social scientists wanting to progress beyond an introductory level of statistics' - ***Nigel Gilbert, University of Surrey***

A good introduction to ordinary regression, logistic regression, and loglinear models for the analysis of categorical frequency data....A nice feature of the book and one that social scientists will find very useful is the detailed listing of computer codes for the implementation of these models within the SPSS and GLIM software' - ***Zentralblatt MATH***

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About the Author
Graeme′s teaching and research interests are broadly in the area of methodology and data analysis. His PhD was a study into the acquisition of complex syntax in children and since then he has worked on a number of projects from a wide range of research areas including the conversational behaviour of children, interviewing techniques used on child witnesses, alcohol use in the workplace, the application of knowledge-based expert systems, the application of generalized linear models in predictive modelling, multi-level analysis of data related to Inclusion and Pupil achievement, an assessment of the Early Support Project (DfES) and a project investigating mathematically demanding F and HE programmes.

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