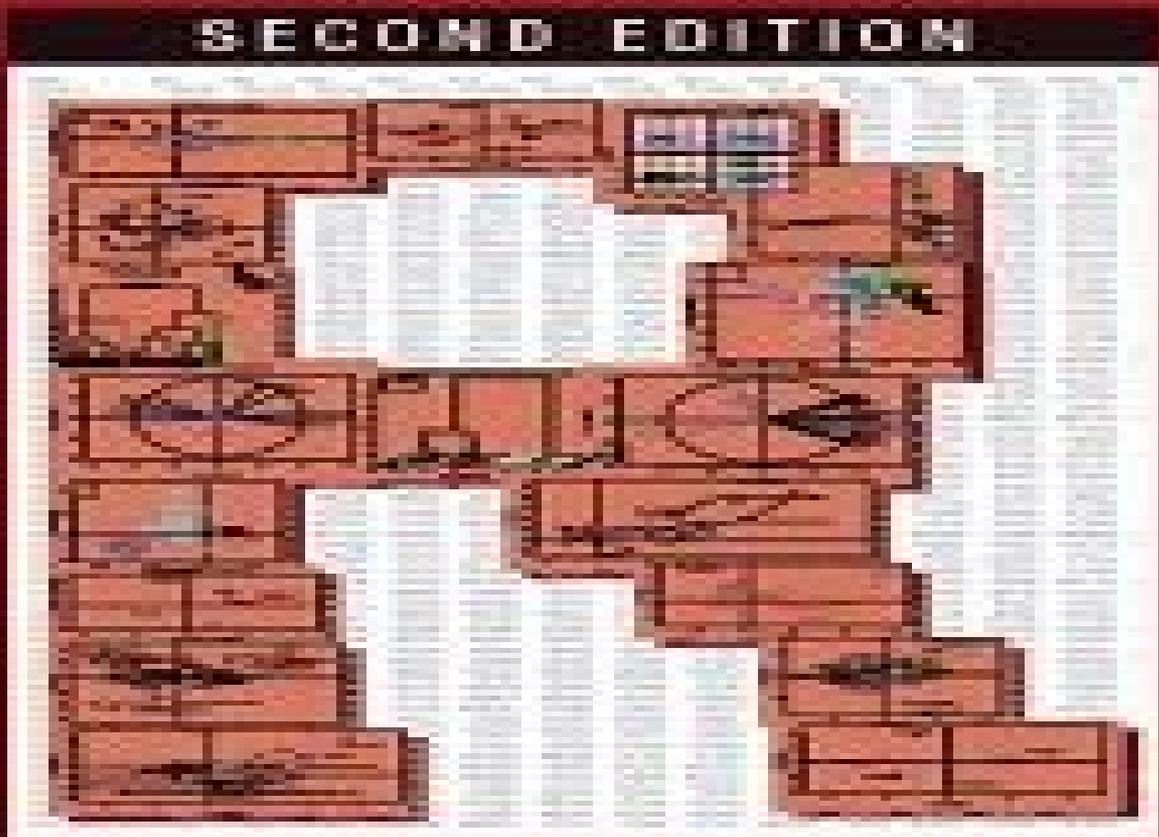


Exploratory Multivariate Analysis by Example Using R

SECOND EDITION



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Jérôme Pagès

Exploratory Multivariate Analysis By Example Using R

Miodrag Lovric



Exploratory Multivariate Analysis By Example Using R :

Exploratory Multivariate Analysis by Example Using R Francois Husson, Sebastien Le, Jérôme Pagès, 2010-11-15 Full of real world case studies and practical advice Exploratory Multivariate Analysis by Example Using R focuses on four fundamental methods of multivariate exploratory data analysis that are most suitable for applications It covers principal component analysis PCA when variables are quantitative correspondence analysis CA and multiple correspondence analysis MCA when variables are categorical and hierarchical cluster analysis The authors take a geometric point of view that provides a unified vision for exploring multivariate data tables Within this framework they present the principles indicators and ways of representing and visualizing objects that are common to the exploratory methods The authors show how to use categorical variables in a PCA context in which variables are quantitative how to handle more than two categorical variables in a CA context in which there are originally two variables and how to add quantitative variables in an MCA context in which variables are categorical They also illustrate the methods and the ways they can be exploited using examples from various fields Throughout the text each result correlates with an R command accessible in the FactoMineR package developed by the authors All of the data sets and code are available at <http://factominer.free.fr> book By using the theory examples and software presented in this book readers will be fully equipped to tackle real life multivariate data *Exploratory Multivariate Analysis by Example Using R* Francois Husson, Sebastien Le, Jérôme Pagès, 2020-09-30 Full of real world case studies and practical advice Exploratory Multivariate Analysis by Example Using R Second Edition focuses on four fundamental methods of multivariate exploratory data analysis that are most suitable for applications It covers principal component analysis PCA when variables are quantitative correspondence analysis CA and multiple correspondence analysis MCA when variables are categorical and hierarchical cluster analysis The authors take a geometric point of view that provides a unified vision for exploring multivariate data tables Within this framework they present the principles indicators and ways of representing and visualising objects that are common to the exploratory methods The authors show how to use categorical variables in a PCA context in which variables are quantitative how to handle more than two categorical variables in a CA context in which there are originally two variables and how to add quantitative variables in an MCA context in which variables are categorical They also illustrate the methods using examples from various fields with related R code accessible in the FactoMineR package developed by the authors *Exploratory Multivariate Analysis by Example Using R* François Husson, 2017 **Research Handbook on Visual Politics** Darren Lilleker, Anastasia Veneti, 2023-01-13 The Research Handbook on Visual Politics focuses on key theories and methodologies for better understanding visual political communication It also concentrates on the depictions of power within politics taking a historical and longitudinal approach to the topic of placing visuals within a wider framework of political understanding **Mathematical and Statistical Applications in Food Engineering** Surajbhan Sevda, Anoop Singh, 2020-01-30 Written by experts from all over the world the book comprises the latest

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Interactive Spatial Data Analysis Trevor C. Bailey,Anthony C. Gatrell,1995 A comprehensive data driven introduction to modern spatial data analysis a field which is playing an increasing role in many areas of research and policy making Provides full explanations for a wide variety of methods with illustrated with case studies Data sets for all the case studies are included on an accompanying computer disk together with a substantial interactive DOS software package for the display and analysis of spatial data

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U.K. Chapter of Computer Applications and Quantitative Methods in Archaeology Caitlin E. Buck,2000 This book includes papers from the CAA Conference of the UK branch

Choice ,1994

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