



# Multivariate Data Analysis Using R Software

By Tessema Genanew Jember

LAP Lambert Academic Publishing Feb 2012, 2012. Taschenbuch. Book Condition: Neu. 221x151x10 mm. Neuware - Multivariate analysis is branch of statistics designed to reduce the complexity of high dimensional data by creating a low- dimensional representation of the data without ignoring the relationships among individual taxa. R is an integrated suite of software facilities for data manipulation, calculation and graphical display. It is integrated collection of intermediate tools; graphical facilities and display either directly at the computer or on hardcopy make it vital. R is very much a vehicle for newly developing methods of interactive multivariate data analysis. It has developed rapidly, and has been extended by a large collection of packages. R is adventitious Over SAS and SPSS because the data input management system, statistical and graphical procedure, and output management system and matrix language. The application of R in matrix, analysis of variance (ANOVA), regression analysis, cluster analysis and ordination methods such as Principal Components Analysis (PCA), Principal Co-ordinates Analysis (PCoA), Correspondence Analysis, Detrended Correspondence Analysis and Multi-Dimensional Scaling (MDS) for different disciplines is described in this book. 120 pp. Englisch.



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