International Journal of

Multivariate Data Analysis

Editor-in-Chief: Dr. M.A. Dorgham

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Scope of the Journal

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We are living with the simultaneous occurrence of five characteristics - or dimensions - related to the generation and availability of data: volume, velocity, variety, variability and complexity. IJMDA proposes and fosters discussion on the application of multivariate techniques and on development of new theoretical methods, emphasising the hierarchy between data, information and knowledge in this new scenario, and showing how data, modelling and analysis can lead to better decision making. IJMDA provides an international and multidisciplinary approach to this important topic.

Topics covered include:

- · Binary and multinomial logistic models
- Canonical correlation
- Cluster analysis
- Conjoint analysis
- Correspondence analysis
- Count data models (Poisson, negative binomial, zero-inflated)
- Discriminant analysis
- Factor analysis
- · Generalised linear latent and mixed models
- · Generalised linear models

Multivariate Data Analysis

Longitudinal and panel data regression models

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- Multidimensional scaling
- Multivariate ANOVA
- Structural equation modelling
- Survival analysis

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