

Special Issue

Advances in Multivariate Statistical Models: Approaches and Applications for Continuous Data

Message from the Guest Editors

Nowadays, multi-dimensional data are increasingly common, raising the need to fit data to multivariate models and justifying the use of multivariate methods. Therefore, we invite original research articles and reviews that address statistical models with multivariate continuous responses (symmetric or asymmetric), with applications to real datasets. Contributions involving their application to high-dimensional data will be especially welcome. Potential contributions can cover a wide range of topics, including parameter estimation and hypothesis testing, multivariate data adjustment techniques, residuals, and diagnostic analysis. The goal in this Special Issue is to bring together the most recent research and practical applications in these areas. In other words, this Special Issue aims to promote the development of new approaches and fundamental research topics, with applications in various scientific areas, seeking to improve the practices of researchers and practitioners in statistics and related areas by offering more robust and accurate solutions for the analysis of complex data.

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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