# Special Issue

# Statistical Modeling of Modern Multivariate Data

## Message from the Guest Editor

Advances in computing power in the past few decades have greatly encouraged the collection of big and complex data in our everyday lives, across platforms. The recent development of a cheaper and more manageable way to store a large amount of digital data helps to register complex data endlessly in almost all fields of study. Traditional multivariate analysis frequently fails to analyze such data. Potential topics include but are not limited to:

- multivariate distributions
- matrix-variate distributions
- mixed effects models
- longitudinal data analysis
- Kronecker structured covariance matrix
- correlated data
- complex data
- high-dimensional data
- big data
- data science methods
- biomedical informatics
- robustness
- machine learning
- statistical computing
- pattern recognition
- finite mixture models
- non-normal errors

## Guest Editor

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## Deadline for manuscript submissions

closed (20 October 2023)

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## Message from the Editor-in-Chief

*Axioms* is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

## Editor-in-Chief

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