

## Special Issue

# Advances in the Theory and Applications of Statistical Distributions

### Message from the Guest Editors

This Special Issue is focused on original contributions and review articles, both theoretical and applied, related to symmetric and asymmetric unimodal and multimodal distributions motivated by real data applications.

Manuscripts on new distributions should thoroughly discuss their parameter space, identifiability, and properties. Parameter estimation using maximum likelihood and Bayesian approaches are welcome, along with simulation studies and applications to regression models, actuarial models, and survival analysis methodologies. New advancements for known distributions, such as new properties and estimation methods, will also be well received.

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### Guest Editors

Dr. Osvaldo Venegas

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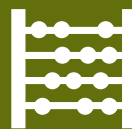
Dr. Héctor W. Gómez

Departamento de Estadística y Ciencias de Datos, Universidad de Antofagasta, Antofagasta, Chile

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### Deadline for manuscript submissions

30 May 2026



## Axioms

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## About the Journal

### 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.

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### Editor-in-Chief

Prof. Dr. Humberto Bustince

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