

Special Issue

Multivariate Statistical Analysis and Application

Message from the Guest Editors

Statistics is undoubtedly the most widely used mathematical tool in scientific research. Almost by definition, all scientific areas have the study of a phenomenon as their object, and through the systematic collection of data that describe it, statistics provides the research methodology for the treatment of the data. This Special Issue invites papers on data analysis topics with potential applications in the life and social sciences. We solicit papers on statistics applied to any science or field, where the analysis methods represent an important point of the investigation, but without forgetting the social impact of the results. Within applied statistics, this Special Issue focuses on multivariate methods, with particular emphasis on dimensionality reduction, textual content analysis, and composite indices. We also encourage the submission of papers that include modules and computational packages that allow the reproduction and implementation of the results.

Guest Editors

Dr. Víctor Amor-Esteban

Department of Statistics, University of Salamanca, 37008 Salamanca, Spain

Prof. Dr. David Almorza-Gomar

Department of Statistics and Operational Research, University of Cádiz, Cádiz, Spain

Deadline for manuscript submissions

closed (31 July 2025)



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



mdpi.com/si/145389

Mathematics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mathematics@mdpi.com

[mdpi.com/journal/
mathematics](https://mdpi.com/journal/mathematics)





Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



[mdpi.com/journal/
mathematics](https://mdpi.com/journal/mathematics)



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.

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University,
The Gateway, Leicester LE1 9BH, UK

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank:

JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).