Special Issue

Statistical Analysis: Theory, Methods and Applications

Message from the Guest Editors

The Special Issue includes articles that apply statistical methods to diverse application areas, such as healthcare, economics, environmental science, and social sciences. These applications highlight the importance of statistical analysis in understanding and solving real-world problems. Additionally, the Issue includes articles that address the challenges of working with complex data structures, such as time series data and high-dimensional data. Overall, the Special Issue provides a valuable resource for researchers and practitioners who are interested in the latest developments in statistical analysis and its applications. The articles in the Issue showcase the importance of statistical analysis in advancing scientific research and solving real-world problems.

Guest Editors

Dr. Laleh Tafakori

Department of Mathematical Sciences, School of Science, RMIT University, Melbourne, VIC 3001, Australia

Prof. Dr. Marco Bee

Department of Economics and Management, University of Trento, 38122 Trento, Italy

Deadline for manuscript submissions

closed (30 September 2025)



Mathematics

an Open Access Journal by MDPI

Impact Factor 2.2 CiteScore 4.6



mdpi.com/si/168571

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

mdpi.com/journal/mathematics





Mathematics

an Open Access Journal by MDPI

Impact Factor 2.2 CiteScore 4.6



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).

