

# Special Issue

## Statistics in Medicine and Biostatistics

### Message from the Guest Editor

Statistics and biostatistics are fundamental to modern medicine, underpinning evidence-based decision making, clinical research and public health policy. Ongoing advances in study design, data analysis and computational techniques are crucial for addressing complex medical data, high-dimensional biological information and real-world evidence. This rapidly evolving field plays a key role in improving diagnosis, treatment evaluation and overall healthcare outcomes. This Special Issue aims to publish high-quality review papers, original research articles and communications presenting novel statistical methods, innovative applications, data analyses, case studies and comparative studies in medicine and biostatistics. The focus is on statistical theory and methodology, as well as their practical implementation in medical and health sciences. Topics of interest include, but are not limited to, clinical trial design and analysis, survival and longitudinal data analysis, epidemiological and public health methods, Bayesian and causal inference, statistical learning and machine learning in medicine and the analysis of biomedical and health-related data.

---

### Guest Editor

Dr. Stella Stylianou  
School of Science, RMIT University, Melbourne, VIC 3000, Australia

---

### Deadline for manuscript submissions

31 October 2026



## Mathematics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 4.6



[mdpi.com/si/270252](https://mdpi.com/si/270252)

*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 17.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).