

# Special Issue

## Current Progress in Biostatistics and Its Applications in Public Health

### Message from the Guest Editors

We are excited to announce a Special Issue focused on the current progress in biostatistics and its application in evidence-based public health. This issue aims to explore the latest advancements in biostatistical and epidemiological methods, computational tools, and big data analytics that are transforming public health research and practice. From machine learning models improving disease prediction to Bayesian frameworks offering new insights in real-time public health interventions, this Special Issue will highlight cutting-edge developments that are shaping the future of public health. Researchers and practitioners are invited to contribute original research, reviews, and case studies that showcase how biostatistics is driving innovation in areas such as precision medicine, epidemiological surveillance, and policy evaluations. The Special Issue will provide a platform for sharing breakthroughs that not only improve population health outcomes but also guide efficient decision-making and resource allocation in public health. Join us in advancing the field by submitting your work to this timely and impactful collection.

-

---

### Guest Editors

Prof. Dr. Ding-Geng (Din) Chen

1. College of Health Solutions, Arizona State University, Phoenix, AZ 85004, USA
2. Department of Statistics, University of Pretoria, Pretoria 0028, South Africa

Prof. Dr. Samuel Manda

Department of Statistics, University of Pretoria, Pretoria 0028, South Africa

---

### Deadline for manuscript submissions

closed (30 April 2025)



## Mathematics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 4.6



[mdpi.com/si/217719](https://mdpi.com/si/217719)

*Mathematics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[mathematics@mdpi.com](mailto: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).