

# Special Issue

## Semiparametric and Nonparametric Approaches in Applied Economics

### Message from the Guest Editors

This Special Issue explores the growing significance of semiparametric and nonparametric methodologies in addressing complex economic problems. Unlike traditional parametric models, these approaches relax rigid assumptions about functional forms or error distributions, offering greater flexibility to capture nonlinear relationships, heterogeneous effects, and high-dimensional data structures. Contributions are encouraged in areas such as policy evaluation, causal inference, forecasting, risk analysis, and machine learning integration. The issue seeks to highlight cutting-edge research that advances methodological frameworks and demonstrates practical applications in labor, health, finance, environmental economics, and development economics. Submissions may address challenges like scalability, interpretability, and the balance between flexibility and computational efficiency. Theoretical innovations, simulation studies, and empirical case studies are welcome, particularly those addressing real-world economic questions through innovative estimation, inference, or model selection strategies.

### Guest Editors

Prof. Dr. Xianbo Zhou

Lingnan College, Sun Yat-Sen University, Guangzhou 510275, China

Prof. Dr. Jinbo Huang

College of Economics, Shenzhen University, Shenzhen 518060, China

### Deadline for manuscript submissions

28 February 2026



## Mathematics

an Open Access Journal  
by MDPI

Impact Factor 2.2  
CiteScore 4.6



[mdpi.com/si/241821](https://mdpi.com/si/241821)

*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).