

Special Issue

Statistical Theory and Application

Message from the Guest Editor

Nowadays, statistical theory and method are becoming more and more important, in big data and machine learning, for example. Statistical research includes statistical models, statistical methods, statistical estimation, statistical inference, statistical applications, and so on. This Special Issue invites papers on statistical theory and its application in economics, finance, and biology, among others. For example, the topics of nonparametric statistics, parametric statistics, semiparametric statistics, multivariate analysis, regression analysis, time series analysis, probability limit theorems, statistics and computation, and so on, are encouraged to make theoretical and methodological advances in probability and statistics. Research papers, review articles, and short communications are invited. Topics of interest include but are not limited to the following:

- regression analysis;
- nonparametric statistics;
- semiparametric statistics;
- multivariate analysis
- Computational statistics;
- High dimensional statistics;
- probability limit theorems.

Guest Editor

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Deadline for manuscript submissions

closed (20 October 2023)



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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.

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Prof. Dr. Francisco Chiclana

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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).