

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.

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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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