Special Issue

Statistical Methods for Forecasting and Risk Analysis

Message from the Guest Editors

This Special Issue aims to share recent research, stimulate discussion, and disclose new research directions regarding the use of statistical techniques and AI systems to address the challenges which arise in forecasting and risk analysis. A particular focus will be devoted to papers (theoretical, empirical, and review) drawing attention to the application of models, computational techniques in estimation, simulation, and prediction in risk analysis contributing to decision making in various contexts (banks, firms, industries, transports, environmental and healthy institutions, higher education institutions, etc.).   **Keywords**

- risk analysis
- forecasting and accuracy
- statistical modeling
- model selection
- applied statistics
- machine learning
- artificial intelligence
- massive dataset
- high (and ultra-high)-dimensional dataset
- variable selection

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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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