Statistical Forecasting: Theories, Methods and Applications

Guest Editor:

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Message from the Guest Editor

This Special Issue "Statistical Forecasting: Theories, Methods and Applications" in *Mathematics* aims to explore this important field and the use of statistical techniques to predict future values or trends. The focus is on the role and effect of various statistical methods in data prediction.

We welcome researchers to explore the latest advancements and challenges in statistical forecasting and to promote the exchange of ideas and knowledge in this field via research on the theoretical aspects of statistical forecasting. The topics of interest include, but are not limited to, time series analysis, regression analysis, machine learning techniques, Bayesian data analysis, multivariate analysis, and statistical diagnostics. Additionally, we place equal emphasis on applied aspects of statistical forecasting, and the role and effect of various statistical methods in data prediction; the fields of application include, but are not limited to, economics, finance, and environment and health sciences.

Special Issue

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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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