Advances in Statistical Methods for Time Series Analysis

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Time series analysis constitutes a cornerstone in understanding the dynamics of the key phenomena we observe. The intersection of statistics, mathematics, and econometrics plays a crucial role in understanding and analyzing such phenomena, enabling researchers to uncover patterns, forecast trends, and make informed decisions addressing contemporary challenges in fields such as economics and finance, among others. As such, we are pleased to announce a Special Issue dedicated to "Advances in Statistical Methods for Time Series Analysis", aiming to explore the latest developments and applications in this critical area of research.

This Special Issue invites contributions that advance the theoretical foundations, methodological innovations, and practical applications of statistical methods for analyzing time series data. Both theoretical developments and empirical studies are encouraged. Additionally, interdisciplinary studies that bridge the gaps between statistics, mathematics, and econometrics are highly valued.

We look forward to receiving your submissions and fostering fruitful discussions in this rapidly evolving field.

Special Issue

Editor-in-Chief

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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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