

Special Issue

Recent Advances in Statistical Analysis and Applications

Message from the Guest Editor

This Special Issue aims to spotlight the recent advancements in the field of statistical analysis and its numerous practical applications. Statistical analysis practices including traditional (regression analysis, hypothesis testing, etc.) and contemporary (machine learning applications, big data analysis, etc.) methods are increasingly proving to be pivotal for a host of domains in both academia and industry and increasingly reliable for an extensive range of complex problem-solving and decision-making scenarios involving data interpretation and foresight. The main themes of this Special Issue encompass, but are not restricted to: advancements in statistical methods, applications in data science, novel statistical learning approaches, large-scale data analysis, multi-variable statistical models, multi-disciplinary integration with statistics, applications of statistical analysis in real-world scenarios, etc.

- regression analysis
- hypothesis testing
- big data analysis
- machine learning applications
- large-scale data analysis
- multi-variable statistical models

Guest Editor

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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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