



Special Issue on Mathematical Statistics and Data Analysis

Call for Papers

Statistics is the science that makes sense of quantitative information. Statisticians describe and analyse data, using mathematical statistical and probability models. Based on these analyses, conclusions and calculated decisions can be made under uncertainty. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **mathematical statistics and data analysis**.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **mathematical statistics and data analysis**. In this special issue, potential topics include, but are not limited to:

- Combinatorics and basic set theory notation
- Probability definitions and properties
- Common discrete and continuous distributions
- Bivariate distributions
- Conditional probability
- Generation and verification of random Numbers
- Random variables, expectation, variance
- Univariate and bivariate transformations
- Common discrete and continuous distributions
- Convergence of random variables: in probability, in distribution, almost sure
- Confidence Intervals: definitions, duality with hypothesis tests

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue - Mathematical Statistics and Data Analysis**” should be chosen during your submission.

According to the following timetable:

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Publication Date	October 2024

Guest Editor:

For further questions or inquiries
Please contact Editorial Assistant at



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