

Special Issue

Advances in Applied Statistics, Biostatistics, and Medical Informatics

Message from the Guest Editors

Advances in applied statistics, biostatistics, and medical informatics play a crucial role in modern biomedical research and health data science. Strengthening rigorous statistical methods is essential to ensure validity, interpretability, and reproducibility, ultimately supporting robust evidence evaluation and informed decision-making in biomedical and health-related research.

We are pleased to invite you to contribute to this Special Issue, which aims to highlight novel mathematical theories, statistical models, and computational approaches that advance applied statistics, biostatistics, and medical informatics. Contributions that integrate rigorous statistics with biomedical and health applications through methodological innovation, algorithm development, or real-world implementation are especially encouraged.

Research areas may include (but are not limited to) the following: clinical trials, causal inference, survival analysis, high-dimensional inference, machine learning, bioinformatics, medical imaging analytics, and health informatics.

We look forward to receiving your contributions.

Guest Editors

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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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