

Special Issue

Applied Biostatistics: Current Challenges and Opportunities

Message from the Guest Editor

Given the high complexity and scale of the real world, data analysis requires advanced tools and methods to support effective decision-making. Today, with the development of data analytics, health information is more accessible and easier to analyze than ever before. In the health sciences, biostatistics plays a key role in evaluating data to better understand and address global health challenges faced by individuals and populations.

This Special Issue aims to highlight research in computational statistics, scientific computing, and their applications across disciplines dealing with large-scale or specialized datasets. It focuses on both computational statistics—such as the design of new algorithms, development in R/Python, and related topics—and applied biostatistics, including statistical case studies in medicine, biology, earth sciences, and social sciences.

Topics of interest include, but are not limited to, the following research areas: statistical inference, statistical computing, biostatistics, statistical quality control, and computational Bayesian methods.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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