Special Issue

Applied Biostatistics: Challenges and Opportunities

Message from the Guest Editor

Due to the high complexity and dimension of the real world, the processing of data requires tools and methods capable of helping decision making. Nowadays, health information is easier to capture and analyse than ever before given the developed data analytics. In the health sciences, biostatistics plays a central role in evaluating this data to better understand and tackle the health challenges that individuals and populations face across the globe.

This Special Issue aims to promote research works in computational statistics, scientific computation and applications in all areas of science involving a great volume of data or special datasets. This Special Issue will focus on computational statistics, namely on new issues in the design of computational algorithms for implementing statistical methods, development in R, etc.; and applied biostatistics such as statistical case studies in all areas of science, including, medicine, biology, earth sciences and social sciences. Topics of interest include:
Statistical computing;
Biostatistics;
Design of experiments;
Multivariate analysis;
Statistical quality control;
Survey sampling;
Computational Bayesian methods

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2024)

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.

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