



Biostatistics and Stochastic Process Analysis

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue on “Biostatistics and Stochastic Process Analysis” marks a major step forward in the convergence of mathematical statistics, biology, and medicine. This edition focuses on how advanced statistical methods can deepen our understanding of biological processes and enhance health outcomes.

Biostatistics is crucial for designing biomedical research and analyzing data from clinical trials, observational studies, and genomics. It is essential for interpreting complex datasets, allowing researchers to draw dependable conclusions about health risks and the effects of treatments. Integrating stochastic process analysis into this domain introduces a more profound mathematical structure that models the inherent randomness in biological systems and the progression of diseases.

By compiling the latest methodologies and their applications, this Special Issue strives to enrich our understanding of how stochastic processes and biostatistical methods can be collaboratively employed to tackle significant issues in biology and medicine.





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Message from the Editor-in-Chief

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