Special Issue

New Advance in Applied Probability and Statistical Inference

Message from the Guest Editor

There is ever-increasing interest in the applications of probability and statistical inference, as the statistical view of thinking is spreading in almost every field. With the rapid advancements in data availability and computational tools, there is a growing need for innovative methods to address complex real-world problems. This Special Issue aims to highlight recent developments in these areas, demonstrating how probability and statistical inference can be applied to a wide range of disciplines, both natural and social. We welcome contributions that explore novel applications and methodologies, showcasing how these tools can enhance our understanding of the world around us and improve decision-making processes in diverse fields.

Guest Editor

Dr. Maurizio Brizzi

Department of Statistical Sciences, University of Bologna, 40126 Bologna, Italy

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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.

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

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