



Application in Computational Statistics and Data Science

Guest Editor:

Prof. Dr. Edwin Moises Marcos Ortega

Department of Exact Sciences,
University of São Paulo, São
Paulo, Brazil

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Message from the Guest Editor

Dear Colleagues,

Computational statistics designates efficient methods to obtain numerical solutions to statistically formulated problems. In this special edition, we will present a variety of computationally intensive statistical techniques with applications to real data. The topics include numerical optimization in statistical inference, generation of random numbers, Monte Carlo methods, randomization methods, jackknife methods, bootstrap methods and extensions of regression models in general.

On the other hand, data science is a multidisciplinary field of science that involves computation techniques, applied mathematics, artificial intelligence (machine learning, neural networks), statistics and optimization, with the aim of analytically resolving complex problems, employing large datasets as the core of operations.

This Special Issue is being planned to promote research into modern and sophisticated computationally intensive statistical techniques and data science methods with varied applications.





Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and
Informatics, De Montfort
University, The Gateway,
Leicester LE1 9BH, UK

Message from the Editor-in-Chief

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Mathematics Editorial Office
MDPI, St. Alban-Anlage 66
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