Statistical Data Modeling and Machine Learning with Applications II

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Message from the Guest Editors

Statistics and machine learning are two intertwined fields of mathematics and computer science. In recent years, very powerful classification and predictive methods have been developed in this area. The proposed Special Issue aims to publish review papers, research articles, and communications that present new original methods, applications, data analyses, case studies, comparative studies, and other results. Special attention will be given, but is not limited, to the theory and application of statistical data modeling and machine learning to diverse areas such as computer science, economics, industry, medicine, environmental sciences, forex and finance, education, engineering, marketing, agriculture, and more.

Keywords: computational statistics; dimensionality reduction and variable selection; nonparametric statistical modeling; supervised learning (classification, regression); clustering methods; financial statistics and econometrics; statistical algorithms; time series analysis and forecasting; machine learning algorithms; decision trees; ensemble methods; neural networks; deep learning; hybrid models; data analysis

Special Issue

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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.

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