Special Issue

Application of Multivariate Modeling in the Social and Health Sciences

Message from the Guest Editor

The high-dimensional nature of social and health science data has received increasing attention from both academia and industry since the development of supportive hardware and algorithms. The multivariate analysis methodology aims to properly understand the high-dimensional data in a statistical, mathematical, and numerical format. Data could be collected through observational studies, well-designed experiments, or pre-existing databases. The multivariate analysis enables practitioners to grasp complicated concepts retrieved from decoding intertwined relationships among variables. Integration of statistical modeling and machine learning can help decision-makers to gain a significant advantage in core competencies. As a result, today's practitioners can adopt a holistic approach to adopting either machine learning or statistical methodology as data science to optimize ways of translating data into knowledge. This Special Issue of Multivariate Modeling in the Social and Health Sciences is intended to present the recent advances in high-dimensional data management in the social and health fields.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2024)

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Mathematics

About the Journal

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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