Mathematical-Statistical Models and Qualitative Theories for Economic and Social Sciences

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Deadline for manuscript submissions:
closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

In the era of big data, abundant statistics and unprecedented computer power, we are still facing numerous problems concerning data processing, model specification, model selection, algorithm efficiency, etc., when trying to make predictions or understand the nature of certain economic or social processes. Such classes of datasets often have time-varying parameters, making it difficult to build adequate models, even if the datasets are large.

The purpose of this Special Issue is to contribute to the elaboration of new methods and statistical tools that would help researchers to model economic and social environments more efficiently. Therefore, we are looking for articles that propose novel mathematical tools and methods that can adequately describe and provide insight into the core of socioeconomic processes. The articles are expected to cover a wide range of topics, such as social statistics, financial modelling, statistics in marketing, macroeconomic time-series forecasting, panel data, cross-country economic modelling and regional econometrics.

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mdpi.com/si/84847

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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