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Distribution Theory and Stochastic Frontier Analysis

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Deadline for manuscript submissions:
closed (31 January 2022)

Message from the Guest Editors

The purpose of this Special Issue is to collect a set of papers that focus their attention on the latest developments in modeling the error terms of the stochastic frontiers (SF) with more flexible distribution functions capable of capturing different characteristics highlighted by the observed data.

In recent literature, some more general specifications of the distribution of errors, used in the construction of the SF, have allowed some specific characteristics that were previously neglected to be modeled and some problems, such as the wrong skewness problem and dependence between the two error terms, to be investigated.

Stochastic frontier models find application in all fields of Economics and other social sciences, Statistics, Engineering, Medicine and Biomedicine, Business, and also in the art sector. Special attention will be reserved for papers with new fields of application of the methodology and philosophy underlying the SF and papers that use SF in the case of high-dimensional data.

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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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