Special Issue

Application of Regression Models, Analysis and Bayesian Statistics

Message from the Guest Editors

Regression models and Bayesian analysis are two of the most important areas in the field of probability and statistics. The generality of the topic implies data analysis in practically all areas of knowledge. This Special Issue focuses on new approaches to regression models, using the Bayesian paradigm, applied in the most diverse areas of knowledge. Possible topics could include the following:

- Extreme value models;
- Spatial models;
- Quantile regression;
- Dynamic models;
- Environmental and climate change analysis;
- Econometrical data;
- Multivariate analysis.

Guest Editors

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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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