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Recent Advances in Statistical Inference for High Dimensional Data

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Deadline for manuscript submissions:

closed (30 June 2024)

Message from the Guest Editors

This Special Issue calls for papers in, but not limited to, the following areas:

- Statistical modeling methods for high-dimensional data and applications (e.g., regression, mixed models, mixture models, generalized linear models);
- Model selection for high-dimensional data and applications;
- Information theory and applications (e.g., decision optimization, clustering, classification);
- Dimensionality reduction methods and applications in different real datasets;
- Variable selection based on feature screening for high-dimensional data (e.g., bioinformatics, medical informatics, psychology, economics);
- Statistical learning methods for high-dimensional data and applications (e.g., Lasso, splines, trees, random forests, neural networks, clustering, classification);
- Applications based on Bayesian inference for high-dimensional data;
- Statistical computing for high-dimensional data.



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Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

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