Applications of Probabilistic Programming and Bayesian Statistical Modeling

Guest Editor:

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closed (30 April 2021)

Message from the Guest Editor

The aim of this Special Issue is to encourage researchers to present effective applications of probabilistic programming and Bayesian modeling across a range of disciplines. In particular, we are interested in novel applications that illustrate the advantages of these methods to solve problems that might have been unassailable without them. We hope that these contributions will inspire practitioners from different fields to apply probabilistic programming in ways they might not have previously considered.

- Probabilistic programming
- Bayesian statistics
- Statistical applications
- Statistical computing
- Probability models
- Machine learning

Special Issue

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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