

Special Issue

Recent Advances in Statistical Inference for High Dimensional Data

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.

Guest Editors

Prof. Dr. Junfeng Shang

Department of Mathematics and Statistics, Bowling Green State University, Bowling Green, OH 43403-0206, USA

Prof. Dr. Hanfeng Chen

Department of Mathematics and Statistics, Bowling Green State University, Bowling Green, OH 43403-0206, USA

Deadline for manuscript submissions

closed (30 June 2024)



Entropy

an Open Access Journal
by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/159365

Entropy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
entropy@mdpi.com

[mdpi.com/journal/
entropy](https://mdpi.com/journal/entropy)





Entropy

an Open Access Journal
by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed



[mdpi.com/journal/
entropy](https://mdpi.com/journal/entropy)



About the Journal

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.

Entropy is an online open access journal providing an advanced forum for the development and/or application of entropic and information-theoretic studies in a wide variety of applications. *Entropy* is inviting innovative and insightful contributions. Please consider *Entropy* as an exceptional home for your manuscript.

Editor-in-Chief

Prof. Dr. Kevin H. Knuth

Department of Physics, University at Albany, 1400 Washington Avenue,
Albany, NY 12222, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, PubMed, PMC, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Physics, Multidisciplinary) / CiteScore - Q1 (Mathematical Physics)