Special Issue

Recent Advances in Entropy and Divergence Measures, with Applications in Statistics and Machine Learning

Message from the Guest Editors

This Special Issue presents new developments in the field of statistical information theory based on generalized entropy and divergence measures, as well as their applications in data analysis and machine learning. We welcome both novel methodological and application-focused research contributions that utilize suitable new or existing entropy or divergence measures. Some particularly illustrative areas of interest include (but are not limited to): robustness, survival analysis and reliability, regression models, model selection, high-dimensional data analyses, Bayesian information theory, machine learning, estimating information–theoretic quantities, and applications of information theory for studying social networks.

Guest Editors

Dr. Elena Castilla

Department of Applied Mathematics, Rey Juan Carlos University, Mostoles, 28933 Madrid, Spain

Dr. Abhik Ghosh

Interdisciplinary Statistical Research Unit, Indian Statistical Institute, Kolkata 700108, India

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

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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.

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

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