Special Issue

Biostatistics, Bioinformatics, and Data Analysis

Message from the Guest Editors

The 21st century is popularly known as the century of data, which are generated through multidisciplinary studies. To extract valuable knowledge from such massive datasets, statistical methodology and data analytic tools have long been employed. Recently, bioinformatics and biostatistics methods and tools have been found to be incredibly helpful in analyzing high-throughput and high-dimensional data obtained from genomic studies. Genomic and clinical studies are particularly complex, characterized by the generation of huge amounts of diverse datasets. Thus, novel statistical methods and bioinformatic tools will be required to address the upcoming challenges in genomic and clinical data analysis. Therefore, this Special Issue encourages the submission of original works that have statistical rigor in the analysis of data relating to genomics, bioinformatics, proteomics, and clinical studies. These works may also cover a wide range of data on, but not limited to, humans, plants, and other eukaryotes and prokaryotes. We welcome any original and scientific review articles relating, but not limited, to the topics described herein.

Guest Editors

Prof. Dr. Shesh Nath Rai

Dr. Anil Rai

Dr. Samarendra Das

Deadline for manuscript submissions

closed (10 July 2023)

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/125702

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

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

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)

MDPI