Special Issue

Research Topics Related to Skew-Symmetric Distributions

Message from the Guest Editors

In diverse scientific fields, symmetric distributions are applied for many statistical analyses because of their mathematical and statistical tractability. However, the phenomenon in a real dataset is not always symmetric, and thus "symmetric" requirement for the underlying distributions is too restrictive and sometimes provides a wrong insight into the observations. For this reason, there has been increasing interest in the flexible skew distributions in recent years. This Special Issue of *Symmetry* focuses on the studies and methodologies of the skew distributions as well as symmetric distributions. Statistical inference and applications based on the flexible distribution are welcome. In addition to these topics, Bayesian inference and examples of applications of those theories are also welcome.

Guest Editors

Prof. Dr. Toshihiro Abe
Department of Economics, Hosei University, Tokyo, Japan

Prof. Dr. Kunio Shimizu
The Institute of Statistical Mathematics, Tokyo, Japan

Dr. Tomoaki Imoto
School of Management and Information, University of Shizuoka, Shizuoka, Japan

Deadline for manuscript submissions

closed (31 January 2024)

About the Journal

Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

Editor-in-Chief

Prof. Dr. Sergei Odintsov
1. ICREA, 08010 Barcelona, Spain
2. Institute of Space Sciences (IEEC-CSIC), C. Can Magrans s/n, 08193 Barcelona, Spain

Author Benefits

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

High Visibility:
indexed within SCIE (Web of Science), Scopus, CAPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:
JCR - Q2 (Multidisciplinary Sciences) / CiteScore - Q1 (General Mathematics)