Special Issue

Advances in Statistical Inference for Financial Analysis

Message from the Guest Editor

This Special Issue focuses on leveraging advanced statistical and computational modeling techniques, including econophysics approaches, to study financial market behaviors. The focus extends from understanding asset price movements and risk assessment to analyzing broader economic indicators. One of the critical challenges is dealing with the inherent complexities and uncertainties of financial markets. We welcome papers suggesting robust models that can adapt to these complexities, thereby aiding investors, policymakers, and financial institutions in making more informed decisions. For the keywords, the following list should adequately cover the Special Issue topics:

- Statistical inference;
- Financial analysis;
- Econophysics;
- Asset price modeling;
- Risk assessment;
- Time-series analysis;
- Heavy-tailed distributions;
- Computational finance;
- Market behavior;
- Data-driven decision making.

Guest Editor

Dr. Raul Yukihiro Matsushita

Department of Statistics, University of Brasilia, Brasilia 70910-900, Brazil

Deadline for manuscript submissions

closed (30 July 2024)

MDPI

About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

Author Benefits

High Visibility:
indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

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

Rapid Publication:
manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).