Special Issue

Advancing Rational Finance Through Artificial Intelligence and Machine Learning

Message from the Guest Editors

This Special Issue of the *Journal of Risk and Financial Management* (*JRFM*) invites contributions that integrate the principles of rational finance—such as Post-Modern Portfolio Theory, dynamic asset pricing, and financial econometrics—with modern tools from artificial intelligence and machine learning. We seek papers that enhance the analytical power and practical relevance of traditional finance by leveraging AI-driven techniques. Topics of interest include, but are not limited to, high-dimensional portfolio optimization, advanced methods for forecasting, and pricing of complex derivative instruments. Our aim is to broaden the visibility and applicability of rational finance in the era of data-driven research and intelligent algorithms.

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Researchers are most welcome to contribute original research articles or comprehensive review papers for consideration and publication in *Journal of Risk and Financial Management* (*JRFM*), an on-line, open access journal. *JRFM* adheres to rigorous peer-review as well as editorial processes, and publishes high quality manuscripts that address theoretical, practical and empirical issues in analysing real life financial data. The goal of *JRFM* is to enable rapid dissemination of high impact research to the scientific community.

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