

Investment Management with Innovation in Neural Networks and Metaheuristic Algorithms

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1. Round 1

1.1. Reviewer 1

Reviewer:

The objective of integrating neural networks and metaheuristic algorithms for stock selection is intriguing but requires a more detailed justification. Specifically, the paper would benefit from a clearer articulation of how this approach addresses gaps in existing literature or practice. Consider elaborating on the novelty of your approach in the context of existing methodologies. For instance, a comparative analysis with traditional and current state-of-the-art trading systems could provide a clearer picture of the advancements your research proposes.

The methodology section provides a good overview of the data selection and analysis process. However, it lacks detailed information on the implementation and parameterization of the neural networks and metaheuristic algorithms used. To enhance reproducibility and credibility, I recommend including more specifics about the algorithms' settings, such as the configuration of the neural network layers, the selection criteria for metaheuristic algorithms, and any optimization processes for parameters. This addition would significantly improve the reader's understanding and allow for replication of the study.

Response: Thank you for your comment. I will consider these comments.

1.2. Reviewer 2

Reviewer:

While the findings are presented in a coherent manner, the paper could benefit from a more detailed statistical analysis section. Specifically, including additional statistical measures (e.g., effect size, confidence intervals) could enrich the interpretation of the results. Moreover, visual representations such as graphs or charts comparing the performance of the proposed system against benchmarks over time would greatly enhance the reader's ability to assess the effectiveness of the proposed models.

The paper is generally well-written but would benefit from a careful review to correct minor typographical and grammatical errors. Additionally, some sections could be restructured for better flow and coherence. For example, the discussion on the implications of the study findings could be expanded to more directly link back to the research objectives and hypotheses stated earlier in the paper.

Response: Thank you for your comment. I will consider these comments.

2. Revised

Editor's decision after revisions: Accepted.

Editor in Chief's decision: Accepted.