

Review of: "Machine Learning Methods in Algorithmic Trading: An Experimental Evaluation of Supervised Learning Techniques for Stock Price"

Qinan Wang¹

¹ Baruch College

Potential competing interests: No potential competing interests to declare.

Advantages:

1. Comprehensive Approach: The paper thoroughly compares various ML models, offering a broad perspective on their applicability in financial forecasting.
2. Practical Application: The inclusion of the TradingHelper bot provides a practical example of how these models can be implemented in real-world trading.
3. Detailed Analysis: The paper presents an in-depth analysis of model performance, particularly under different data availability scenarios.

Disadvantages:

1. Limited Evaluation in Varied Market Conditions: While practical application through the TradingHelper bot is explored, the paper might benefit from a more extensive evaluation of the models in varied and volatile market conditions to test their adaptability and robustness.
2. Model Complexity and Computational Resources: The paper could address the computational complexity and resource requirements of the models, which is crucial for practical implementation in real-world trading scenarios.
3. Evaluation Metrics: A more diverse set of evaluation metrics could be employed to provide a more rounded assessment of the models' performance in varying market conditions.