

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

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Potential competing interests: No potential competing interests to declare.

Dear Editor,

The article demonstrates a meticulous methodology encompassing data collection, preprocessing, model implementation, and evaluation metrics. The inclusion of various ML models, such as NBeats, NHits, RNN, LSTM, and Transformers, showcases a comprehensive approach to addressing the challenges of financial algorithmic trading .

The results, presented in Table 1, offer a quantitative comparison of the models, facilitating an easy interpretation of their strengths and weaknesses. The discussion of key observations and trends further enhances the clarity of the findings.

The discussion section delves into the implications of the results, emphasizing the superior performance of NBeats and NHits models, especially in scenarios with limited data. The authors effectively draw the conclusions and suggested future directions for further research.

The extension of research into the implementation of a trading bot, named "TradingHelper," adds practical value to the study. The authors contribute to theoretical knowledge and also explore the application of ML techniques in real-world financial trading scenarios.

Suggestions for Improvement:

1. **Code Accessibility:** It would be beneficial to readers if the authors could provide access to the code. But the author mentions that the code is not currently available through the provided GitHub link.
2. **Graphical representation :** While the text provides a detailed explanation of the models and results, incorporating visual aids such as graphs or charts could enhance the article's accessibility and assist in conveying complex information more effectively.
3. **Expanded Discussion on Limitations:** The author briefly mentions potential limitations, including data quality issues and model interpretability. Expanding the limitations of this work, the author has to discuss how they might impact the study could provide a more comprehensive understanding for readers.

