

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_122981
Title of the Manuscript:	Predicting potato price series using N-BEATS deep learning architecture
Type of the Article	Literature review, discussion with comparison research article

Review Form 3

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The study highlights the N-BEATS deep learning model's effectiveness in improving agricultural price forecasting, surpassing traditional models like ARIMA. It sets a new standard for accuracy and offers practical tools for economic decision-making. The research also points to future innovations, including spatiotemporal modeling, enhancing the broader impact of AI in forecasting.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes , or any new set as N-BEATS Deep Learning Architecture for Accurate Potato Price Prediction, Advanced Potato Price Prediction Through N-BEATS Deep Learning Architecture	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Yes , no suggestions	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	This manuscript is scientifically robust due to its use of the advanced N-BEATS deep learning model, which offers significant improvements over traditional forecasting methods like ARIMA. It rigorously compares N-BEATS with established models (CNN, LSTM, GRU) using well-accepted metrics and the Diebold-Mariano test, ensuring a thorough evaluation of forecasting accuracy. The application of these advanced techniques to real-world potato price data adds credibility and practical relevance. Overall, the study's comprehensive approach underscores its technical soundness and relevance to the field.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes suggested one more. Choudhary, K., Jha, G. K., Das, P., & Chaturved, K. K. (2019). Forecasting potato price using ensemble artificial neural networks. <i>Indian Journal of Extension Education</i> , 55(1), 73-77.	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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