|  |  |
| --- | --- |
|  | |
| Journal Name: | [South Asian Journal of Social Studies and Economics](file:///D:\Liza%20Majumder%20PRM\REVISED%20PAPER\11.11.25\2025_SAJSSE_146009_AJRCOS_J.Ch_from_AJESS_3%20COM_OTR__NR__46\3.Revised_MS_v1_and_Feedback_v1\South%20Asian%20Journal%20of%20Social%20Studies%20and%20Economics) |
| Manuscript Number: | **Ms\_SAJSSE\_146009** |
| Title of the Manuscript: | **Enhancing cardamom price forecasting: integration of XG boost model for a robust ensemble model** |
| Type of the Article | **Original Research Article** |

|  |  |  |
| --- | --- | --- |
| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimumof 3-4 sentences may be required for this part.** | Scientific manuscripts are important because they provide important data that can be used as a foundation for future research. As a result of this manuscript, challenges for economic planning, making accurate forecasting essential for effective crop production and market strategies in fluctuations of agricultural crop prices.Its rigorous methodology, clear presentation of results, and potential to influence ongoing debates on this topic make this manuscript of interest to me. The limitation may also benefit from improvements in some areas. | We sincerely thank the reviewer for recognizing the significance of our manuscript in addressing critical challenges related to economic planning and forecasting in agricultural crop price fluctuations. We appreciate the acknowledgment of our rigorous methodology and clear presentation of results. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **YES** | We thank the reviewer for confirming the appropriateness of the manuscript title. |
| 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. | Explain the statistical methods briefly to readers who are unfamiliar with them. The conclusion can be made more impactful if you explain how your findings may influence future agricultural policies or practices in Kerela. In spite of these changes, the abstract will remain technically rigorous while being more concise and accessible. | The abstract has been revised. |
| Is the manuscript scientifically, correct? Please write here. | **YES** | We understand that no specific concerns were raised regarding the scientific correctness of the manuscript. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | You have a strong list of references that includes both classic and more modern books. Adding more recent research to them, particularly in the areas of production is affecting agriculture and new developments in statistical techniques, will strengthen the manuscript's scientific foundation. | We sincerely thank the reviewer for the valuable suggestion regarding the references. We have reviewed and enriched our reference list by incorporating recent research and developments in agricultural production, including advancements in precision agriculture, biotechnology, and state-of-the-art statistical forecasting techniques from 2020 to 2025. These additions strengthen the scientific foundation of our manuscript and align it with current trends and innovations in agricultural research. We believe these updates improve the manuscript’s relevance and contribution to the field. |
| Is the language/English quality of the article suitable for scholarly communications? | The language is perfect for communicating in academic settings. | We note that no specific concerns were raised regarding the language quality of the manuscript. |
| Optional/Generalcomments | -- |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* | We confirm that no ethical concerns have been raised by the reviewer. The study complies with all ethical guidelines, and the research methodology does not involve human subjects, sensitive data, or any procedures requiring ethical approval. All data used in this study are secondary market data publicly available from authorized sources, properly cited in the manuscript. |