SDI Review Form 1.6

Journal Name:	**Journal of Experimental Agriculture International**
Manuscript Number:	**Ms_JEAI_45416**
Title of the Manuscript:	**Chronological analysis of the price of tomato fruit (Solanum lycopersicum L.) in Benin main markets from 2006 to 2015**
Type of the Article	**Resarch**

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty'**, provided the manuscript is scientifically robust and technically sound.
To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	**Author's comment** *(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)*
Compulsory REVISION comments	**This is an interesting study focusing on price formation and district based comparison of prices utilising secondary data withdrawn from statistical units. The cyclical and seasonal decomposition was made using proper analytical methods. The findings of price decomposition need to be clarified statistically. However, the main objective and inferred outcomes do not coincide precisely. The relationship between predicted prices and rainfall receipt should be emphasised prior to attachment to transportation infrastructure.**	Ok we corrected
Minor REVISION comments	1- The objective and main methodology followed should be indicated in the Introduction section. 2- Page 3: **"The purpose of this article is to analyse the price of tomatoes in 11 Benin main markets from 2006 to 2015."** What was meant by these markets? The market dispersion depends on districts of Benin as mentioned in the "data" section. Yet, this "market" phrase should be clarified in the introduction as well. It is awkward whether market or producer prices were utilised. 3- Page 4: **"The missing data were estimated by considering the average of the indexed monthly prices of the four years that flank the missing data."** How much data was missing, had there been a possibility to disrupt data variation? Why average of 4 years was used in exchange. 4- As it was understood, the intention was to correlate monthly prices with rainfall amount. Yet, the purification of seasonality of data was given main importance and we see very few references to rainfall receipt and region based correlation statistics. The graphs are hard to infer on this point considering the number of districts focused. 5- The price data used should be nominal prices to enable seasonal and random fluctuations. But this data characteristic was not mentioned clearly. Besides, why an exchange rate conversion was not preferred for ease of academic reach? 6- Page 7: **"This therefore occurs after a tendency to increase the price (per kg) of tomatoes in most markets during the considered period. Generalising this observation shows a sign of successful integration of these markets in terms of price formation."** Up until here the connection between prices and road connections and infrastructure development was not given. How this generalisation was reached? 7- Page 22: **"The mathematical models only made it possible to break down the series; they have no statistical significance."** We are unable to see the significance of estimation and prediction phases. Only the estimated parameters during seasonality decomposition were provided in the tables. Besides, the correlation figures for prices and rainfall were not indicated as well. 8- In addition, the statistical indications in price decomposition phase were based on random and non-random averages. However, it would be compensating to provide statistical data in Table 2. Confidence intervals should be considered 9- Page 23: Potential impact of devaluation of Nigerian Naira was indicated. However, this needs to be clarified and supported with scientific literature. 10- Mostly the price fluctuations were attributed to transportation infrastructure. However, there was no interpretable analytical indication. So this proposition needs	1. Ok we corrected 2. Ok we corrected : These are market prices (consumer market and producer pooling market) 3. Missing data vary by series. The smallest value is 2 and the highest value is 11. It is for reasons of precision that the choice of 4 years (2 previous years and 2 following years) was made. 4. Ok we corrected 5. Ok we corrected 6. The discussion section is structured to discuss each component of the price. It is therefore to explain the observed trend that the connection with the road network has been made. 7. Ok we corrected 8. Ok we corrected 9. Ok we corrected 10 See the explanation in point 6.

	confirmation.	
Optional/General comments	Language of the paper should be checked for English once more. There encountered French phrases, even if it was rare.	

PART 2:

	Reviewer's comment	**Author's comment** *(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)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)* No ethical issue was observed.	