

Review Form 1.7

Journal Name:	Asian Journal of Agricultural Extension, Economics & Sociology
Manuscript Number:	Ms_AJAEES_109108
Title of the Manuscript:	VECTOR AUTOREGRESSIVE MODEL OF MAIZE PRODUCTION IN NORTHERN REGION OF GHANA
Type of the Article	Original Research Article

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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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1.Despite the objections mentioned in the review, the manuscript is important to the scientific community because: -Despite the fact that there are a large number of academic works related to the topic of corn production forecasting, this work uses a rarely used vector autoregressive model. - The analysis included six climate variables and annual data covering a sufficient period of 40 years (from 1968 to 2018). -A delay order of 3 is selected for the models. - With this model, a smaller mean absolute error (MAE) root mean square error (RMSE) was achieved - By applying the results of the work and derived recommendations, stakeholders in the agricultural sector can benefit from more accurate and reliable forecasts, which will lead to improved decision-making, increased productivity and ultimately solving the challenges facing maize production in the Northern region of Ghana.</p> <p>2. The title of the article is suitable.</p> <p>3. The abstract of he article is comprehensive.</p> <p>4. Subsections and structure of the manuscript are appropriate. (Note: Titles and subheadings of subsections should be written in agreement to the Paper Template.)</p> <p>5. I think the manuscript is scientifically correct.</p> <p>6.The references are sufficient and recent. (Note:The author should check the completeness of all references as provided for books, Journals, Conference Papers or Websites in agreement to the Paper Template).</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Language/English quality of the article is suitable for scholarly communication.</p>	
<p>Optional/General comments</p>	<ul style="list-style-type: none"> - The manuscript contains 5599 words, Figures 3 , Tables 7 and 17 pages written unilaterally in Times New Roman, Font 12, justified - All equations must be numbered. (In the manuscript, most of the equations are not numbered) - Titles and subheadings of subsections should be written in agreement to the Paper Template. - The text of of the manuscript should be written in in two rows on one side, in Arial, Normal, Font 10, justified - Table headers should be written in font size 10, bold. - In the conclusion, present only the results of the research - The author should check the completeness of all references as provided for books, Journals, Conference Papers or Websites in agreement to the Paper Template. - Missing section: Acknowledgment and Conflict of interest. 	

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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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