

Review Form 1.7

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_103426
Title of the Manuscript:	RANDOM FOREST REGRESSION IN MAIZE YIELD PREDICTION
Type of the Article	Original Research Article

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:

(<https://www.journalajpas.com/index.php/AJPAS/editorial-policy>)

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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>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. Yes, the manuscript is important for scientific community.</p> <p>2. The title is suitable for the article</p> <p>3. The abstract of the article is comprehensive.</p> <p>4. The subsections and structure of the manuscript are appropriate.</p> <p>5. Yes, the manuscript is scientifically correct.</p> <p>6. No, the references are not sufficient and recent. Also, most of the references were not cited in the paper.</p> <p>7. randomForest(formula = Y.avg ~ x3 + x4 + x5 + ... Type and represent the equation mathematically: Thus : $x_3 + x_4 + x_5 \dots$</p> <p>7. Chart 1 : The model performance evaluation is as displayed in the figure below alongside respective evaluation metrics.</p> <table border="1"> <thead> <tr> <th>Metri c</th> <th>MSE</th> <th>MA E</th> <th>RMSE</th> <th>MAPE</th> </tr> </thead> <tbody> <tr> <td>Inde x</td> <td>0.27266 22</td> <td>0.46 6</td> <td>0.5221 707</td> <td>37.5144 3</td> </tr> </tbody> </table> <p>Refer the table in red to as a table and not figure</p>	Metri c	MSE	MA E	RMSE	MAPE	Inde x	0.27266 22	0.46 6	0.5221 707	37.5144 3	
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Inde x	0.27266 22	0.46 6	0.5221 707	37.5144 3								
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language quality of the article is suitable for scholarly communications.</p>											
<p>Optional/General comments</p>	<p>The researcher should clearly define the research problem, and state the reasons for choosing it)</p>											

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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

Name:	Onyegbuchulem Chialuka Adline
Department, University & Country	Alvanluku Federal College of Education, Nigeria