

**Review Form 3**

Journal Name:	<a href="#">Asian Journal of Probability and Statistics</a>
Manuscript Number:	Ms_AJPAS_125180
Title of the Manuscript:	<b>Establishing Climate Change on Rainfall Trend, Variation and Change Point Pattern in Owerri, Nigeria.</b>
Type of the Article	

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**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	Reviewer's comment	<b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	<p>Precipitation behavior analysis is necessary in all locations, even if the results of studies do not indicate significant trends.</p> <p>Precipitation behavior changes impact important sectors of society, such as the economy in the case of agriculture, urban water supply, and urban drainage.</p> <p>Even if no significant trends are detected, precipitation behavior can be studied in order to realization preventive actions.</p>	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, it is.	
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.	There is a lack of information to justify the importance of the work. The abstract does not contain enough information about the work, which does not make it attractive to potential readers. More conclusion aspects need to be addressed in abstract and not just that more studies should be developed. The use of acronyms without meaning should be avoided.	
Are subsections and structure of the manuscript appropriate?	Yes, it is.	
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.	<p>There is extensive statistical analysis of data. The historical series used are sufficient long for appropriate statistical analysis application.</p> <p>The social importance of this work for the study area is significant. The methodology used has the potential to be applied in other locations.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>-</p>	<p>Some statements in the work require robust references, such as: "The Atlantic Ocean tends to influence the climate of the city, given its proximity to Guinea Forest-Savanna mosaic ecoregion."</p> <p>"Establishing trends in rainfall requires long historical data."</p> <p>"Most trend analysis studies utilized either Linear regression or Mann Kendall for trend detection. Since most rainfall data are using exhibit some sort of skewness, Mann Kendall which is a non-parametric test is normally utilized to detect trends in rainfall data."</p>	
<p><b>Minor</b> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	The article needs English revision to be acceptable to academic community.	
<b>Optional/General</b> comments	<p>They are not competing interest issues in this manuscript</p> <p>There is no suspicion of plagiarism.</p> <p>They are not ethical issues in this manuscript.</p>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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