

**Review Form 3**

Journal Name:	<a href="#">Asian Journal of Probability and Statistics</a>
Manuscript Number:	Ms_AJPAS_129877
Title of the Manuscript:	A Sine-Ishita Distribution: Properties And Applications To Survival Data
Type of the Article	Research

**General guidelines for the 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.  
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PART 1: Review Comments

<u>Compulsory</u> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
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.	The paper extend the Ishita distribution using the Sine-G family. Various mathematical properties of the new propositions are presented and real life applications are made on four dataset. Result show that the new proposition gives better fits to the dataset.	
Is the title of the article suitable? (If not please suggest an alternative title)	SINE-ISHITA DISTRIBUTION: PROPERTIES AND APPLICATIONS TO SURVIVAL DATA	Title revised
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.	<b>In the Abstract Section</b> , since the Sine-G family have been used to extend other distributions and other techniques have been used to extend the Ishita distribution, the word 'novel' should be deleted A statement on the choice/inherent advantages of the Sine-G family to extend the Ishita distribution should be presented. A statement on the decision criteria (to know the best distribution) should be presented.	Noted
Are subsections and structure of the manuscript appropriate?	Yes	
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.	The authors do not justify the choice of competing distributions (used to compare the performance of the new proposition) Under Maximum Likelihood Estimation of the parameters of the new proposition in section 4, the authors failed to state the library in R used to perform the Newton-Raphson Algorithm. The authors must be consistent on the number of decimal places in the tables (for example, 2 or 4 decimal places can be adopted all through)	Ok revised  Effecte d s
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The authors are advised to be consistent with referencing style and strictly follow the journal's format	OK
<u>Minor</u> REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes, except few typographical and space error. The authors are advised to carefully glance through the manuscript for few of this.	Ok
<u>Optional/General</u> comments	PLEASE SEE ATTACHMENT	

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>	