

### 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	Original Research Article

#### **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. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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**Review Form 3**

**PART 1: Comments**

	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.</b>	This article proposes a new extension of the Ishita distribution called the "sine-Ishita distribution". The article discusses some properties of the proposed distribution. The maximum likelihood method is used to estimate the model parameter. Some plots of the likelihood function of the distribution resulting from random parameter values show that it is skewed and elastic and that its shape depends on the parameter values. The plots of the survival function also show that it is monotonically decreasing, with the probability of survival decreasing over time.	Noted
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	Yes, the title of the article is suitable.	Thanks
<b>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>	No. The abstract should include some important findings of the study. Some important facts should also be mentioned, for example, that the five distributions are (SLED, SLD, ISD, AKD and SED).	Effectuated
<b>Is the manuscript scientifically, correct? Please write here.</b>	Yes.	ok
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	Yes, the references are sufficient and recent..	Thanks
<b>Is the language/English quality of the article suitable for scholarly communications?</b>	No. (The quality of the article in English is not sufficient, the article needs linguistic review.).	ok
<b>Optional/General</b> comments	Some equations, such as 31, 35, and 37, require a review of the powers and suffixes.	

**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>	