

Review Form 3

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_125649
Title of the Manuscript:	Robust Estimation of the Scale Parameter for Rayleigh Distribution under Type-I Hybrid Censoring
Type of the Article	

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PART 1: Review Comments

Compulsory 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.		
Is the title of the article suitable? (If not please suggest an alternative title)		
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.		
Are subsections and structure of the manuscript appropriate?		
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.		
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :		

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>		
<p>Optional/General comments</p>	<p>The presented study addresses an important gap in the literature related to parameter estimation for the Rayleigh distribution under Type-I hybrid censoring. Given the widespread use of the Rayleigh distribution in reliability and survival analysis, a focus on robust estimation techniques is valuable. The presented work on comparing Maximum Likelihood Estimators (MLEs) with Bayesian estimators under various priors and loss functions, contributes to the existing body of knowledge by providing insights into the performance of these methods. This study is a valuable contribution to the field of reliability and survival analysis, particularly in the context of parameter estimation under censoring. With some minor clarifications and additional context, it could be highly impactful for both academic researchers and practitioners. The suggestions above are intended to enhance the depth and clarity of research paper, ensuring it resonates well with its intended audience.</p> <p>Suggestions that should be made for the typical error: -</p> <ol style="list-style-type: none"> 1. In line 154 SILE should be replaced by SELF. 2. Add recent references to the research. 3. How the first prior is considered (based on previous literature or other methods mention the same) $g_1(\lambda) \propto \lambda^{-3}$	

PART 2:

	<p>Reviewer's comment</p>	<p>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>
<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>	

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