



**SDI Review Form 1.6**

Thak

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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Journal Name:            | <a href="#">Asian Journal of Probability and Statistics</a>                                                                             |
| Manuscript Number:       | Ms_AJPAS_41368                                                                                                                          |
| Title of the Manuscript: | A COMPARISON BETWEEN MAXIMUM LIKELIHOOD AND BAYESIAN ESTIMATION METHODS FOR THE SCALE PARAMETER OF THE WEIBULL-EXPONENTIAL DISTRIBUTION |
| 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

**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)                               |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Compulsory</u></b> REVISION comments | There is no requirement of compulsory revision.                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                             |
| <b><u>Minor</u></b> REVISION comments      | There is no requirement of minor revision.                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                             |
| <b><u>Optional/General</u></b> comments    | The main contribution of this research is to make a comparison between maximum likelihood maximization (MLE) estimator and Bayesian estimator (loss function under Jeffrey's prior) for estimating scale parameter of Weibull-Exponential distribution. Authors' experimental results are very interesting and helpful. The research is very clear and succinct. Some equations need re-formatted to be better-looking. In equation 8, alpha must be greater than or equal to 1. | Thank you so much for the comments sir/ma. We have re-formatted the equations in the revised version.<br><br>In particular, the error in equation 8 has been addressed. Alpha is now greater or equal to 1. |