

## Review Form 1.6

Journal Name:	<a href="#">Asian Journal of Probability and Statistics</a>
Manuscript Number:	Ms_AJPAS_83451
Title of the Manuscript:	BAYESIAN ESTIMATION OF A SCALE PARAMETER OF THE GUMBEL-LOMAX DISTRIBUTION USING INFORMATIVE AND NON INFORMATIVE PRIORS
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:

<https://www.journalajpas.com/index.php/AJPAS/editorial-policy> )

### 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>Compulsory</b> REVISION comments	<p><b>The manuscript has the following drawbacks:</b></p> <p>(1) Repeated abbreviations: The squared error loss function (<i>SELF</i>), Quadratic loss function (<i>QLF</i>) for example should not be repeated subsequently. Subsequently squared error loss function should be written as SELF, Quadratic loss function as QLF, and Gumbel-Lomax Distribution as GuLD. In other words, use only abbreviated letters after the initial abbreviations.</p> <p>(2) Some grammatical errors: In line 2, using Bayesian method; should be using <b>the</b> Bayesian method. Line 11, estimators using Maximum likelihood method instead estimators using <b>the</b> maximum likelihood method. There are more grammatical errors and problems with punctuation on most of the pages.</p> <p>(3) What is the relationship between these two sets of variables <math>X_1, X_2, \dots, X_n</math> and, <math>\underline{x} = (x_1, x_2, \dots, x_n)</math> .? For example, check Equation (4) and immediately after Equation (12).</p> <p>(4) All references to a named table should start with a capital letter <b>T</b>, For examples, From table 2, should be written as: From Table 2. Also, table 2 and 3 should be written as : In Tables 2 and 3. .</p> <p>(5) The authors failed to explain why the sample size at n= 23 stands out in all the graphs.</p>	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

### PART 2:

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

### Reviewer Details:

Name:	Michael Jackson Adjabui
Department, University & Country	C. K. T, University of Technology and Applied Sciences, Ghana