

## Review Form 1.7

Journal Name:	<a href="#">Asian Journal of Probability and Statistics</a>
Manuscript Number:	Ms_AJPAS_118568
Title of the Manuscript:	CONTINUOUS ERLANG MIXTURES AND THEIR RELATION TO EXPONENTIAL MIXTURES AND POISSON MIXTURES
Type of the 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> )

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**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)
<p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li><b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li><b>Is the abstract of the article comprehensive?</b></li> <li><b>Are subsections and structure of the manuscript appropriate?</b></li> <li><b>Do you think the manuscript is scientifically correct?</b></li> <li><b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p><b>The manuscript describing about the mixtures of some distribution functions which can lead to new features in engineering field, manufacturing concepts and many areas. So it is useful.</b></p> <p><b>Title is Suitable for the article</b></p> <p>Yes Yes, sections are properly given as they required.</p> <p>Mathematically, the article was well defined.</p> <p>Yes, it is sufficient.</p>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<p>Yes, the language (vocabulary) was very easy to understand by the readers.</p>	
<p><b>Optional/General</b> comments</p>	<p><b>About the Paper:</b></p> <ul style="list-style-type: none"> <li>In the Abstract, the author has explained about the article clearly.</li> <li>The Author has tried the concept of Continuous Erlang Mixtures and their Relation to Exponential Mixtures and Poisson Mixtures. It is appreciable.</li> <li>Assumptions used to develop the article and Mathematical formulations are well explained.</li> <li>The basic and essential preliminaries are given so that everyone can attain the knowledge about model and can be profited.</li> <li>The author has described the concept of Erlang- Type II gamma mixture, Exponential- Type II gamma mixture, Poisson- Type II gamma mixture in a detailed manner so that everyone can understand the concepts.</li> </ul> <p>The given article can be accepted if the following questions are answered:</p> <ol style="list-style-type: none"> <li>Why the author does not analysis the results with numerical examples?</li> <li>If the model was explained with pictorial representation then it will help the audience to understand the depth of the concept easily.</li> </ol> <p>I am appreciating the author efficient work and the above article can be <b>accepted</b> for Publication.</p>	

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**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>	

**Reviewer Details:**

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