

Review Form 3

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_122335
Title of the Manuscript:	The two component generalized finite Erlang mixture and its properties and special cases
Type of the Article	Research Article

Review Form 3

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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.	The paper addresses an important topic in the field of statistics and probability. The paper is scientifically robust as it introduces new parameter estimation methods and evaluates performance using real data. This research has broad applications in areas that require data modeling, such as queuing systems and stochastic processes.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title is appropriate and accurately reflects the scientific content of the paper. No changes to the title are suggested.	
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.	The abstract is comprehensive and covers the main points of the research. However, adding two sentences that clarify the potential applications of the research in specific fields could increase the clarity of the practical significance of the results.	
Are subsections and structure of the manuscript appropriate?	The structure and subsections of the paper are suitable and clear, aiding the reader in following the content easily.	
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.	The paper is scientifically strong as it provides a new mathematical generalization of the Erlang distribution and explores various statistical properties of these new distributions. The methods used, such as the method of moments and maximum likelihood estimation for parameter estimation, are well-supported and correctly applied, making the paper scientifically reliable and technically sound.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are sufficient and generally up-to-date. No additional references are suggested at this time.	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	The quality of the language and English in the paper is suitable for scientific publication. The paper is written in clear and understandable language.	
Optional/General comments	No additional optional comments. The paper is strong and suitable for publication after making the minor suggested revisions.	

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>	

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Reviewer Details:

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