

Review Form 1.7

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_98942
Title of the Manuscript:	Three Parameter Transmuted 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:

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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>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. Overall, the abstract appears to be well-written and provides a clear overview of the content of the paper. However, there are a few areas where it could be improved:</p> <ol style="list-style-type: none"> The abstract jumps from one topic to another without a clear structure. The abstract does not clearly state the significance or contribution of the research. The author could highlight why the study of the transmuted exponential distribution is important and how it advances the field of statistics. The abstract does not provide any specific results or findings from the study. Including a brief summary of the key results could make the abstract more informative and engaging for the reader. <p>2. Overall, the introduction provides a decent overview of the motivation behind the study of the transmuted exponential distribution and its relationship to other forms of exponential distribution. However, there are a few areas where the writing could be improved:</p> <ol style="list-style-type: none"> The phrase "an attempt have been made" - is awkward and passive. A better way to phrase this might be "In this paper, we study an extended form of the distribution function for a particular distribution." "If X follows exponential distribution with two parameter θ and λ" - This phrasing is a bit unclear, as the parameters of the exponential distribution are typically denoted by λ and β, not θ and λ. A clearer way to phrase this might be "Consider the exponential distribution with two parameters λ and β, where the probability density function is given by..." "This can be obtained by introducing extra parameter to the existing distribution to solve the problems related to financial mathematics." - This phrasing is vague and doesn't explain very clearly what the motivation is for introducing an extra parameter. A better way to phrase this might be "The transmuted exponential distribution is introduced by adding an additional parameter to the existing distribution, with the goal of addressing certain issues that arise in financial mathematics." <p>3. The application section starts by stating that "the complexity of the three parameter transmuted exponential distribution has been studied." However, it is not clear what is meant by "complexity" in this context. The reader would benefit from a clearer explanation. Also, The data set itself is not described in much detail. The reader is told that it represents "monthly actual taxes revenue (in 1000 million Egyptian pounds) in Egypt between January 2006 and November 2010" and that it was extracted from a particular source, but there is no explanation of why this data set was chosen or what its properties are.</p> <p>4. The study only used one real-world data set to compare the proposed distribution with other distributions. It may be premature to make general conclusions about the superiority of the proposed distribution based on just one data set. Also, it would be helpful to suggest directions for future research.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>		
<p>Optional/General comments</p>		

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)
<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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