



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Journal of Probability and Statistics</a>
Manuscript Number:	<b>Ms_AJPAS_45764</b>
Title of the Manuscript:	<b>A Transmuted Lomax-Exponential Distribution: Properties and Applications</b>
Type of the Article	<b>Original Research Article</b>

**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>)



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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)
<b>Compulsory</b> REVISION comments	<p>Line 33: aligning relation with the number (1.1);</p> <p>Line 34: to replace parameter <math>\lambda</math> with parameter <math>\theta</math> and aligning relation with the number (1.2);</p> <p>Line 42: instead of "the Lomax-exponential distribution" writing "the Lomax-Exponential distribution";</p> <p>Line 45: instead of "Weibull-exponential and exponential..." writing "Weibull-Exponential and Exponential...";</p> <p>Line 49: aligning relation with the number (1.3);</p> <p>Line 51: the functions <math>g(x)</math> and <math>G(x)</math> written italic;</p> <p>Line 61: the assertion "Where, <math>x &gt; 0, \alpha &gt; 0, \beta &gt; 0, \theta &gt; 0</math>" is redundant; in the assertion "<math>\alpha</math> and <math>\beta</math>", the conjunction "and" written nonitalic;</p> <p>Line 65: aligning relation with the number (1.7);</p> <p>Line 67: the relation contains different fonts and aligning relation with the number (1.8);</p> <p>Line 68: removing the symbol ";" from the assertion "where ";</p> <p>Line 82: the relation contains different fonts and aligning relation with the number (2.1);</p> <p>Line 84: the relation contains different fonts and aligning relation with the number (2.2);</p> <p>Line 85: instead of "respectively. Where,...." writing "respectively, where..."; in the assertion "<math>\alpha</math> and <math>\beta</math>", the conjunction "and" written nonitalic;</p> <p>Line 87: figures 2.1 and 2.2 written nonbold;</p> <p>Line 101: the functions <math>Q(u)</math> written italic;</p> <p>Line 102: the symbol "." at the end of a row;</p> <p>Line 105: the relation contains different fonts and aligning relation with the number (3.1.1);</p> <p>Line 107: aligning relation with the number (3.1.2);</p> <p>Line 117: the random variable "X" written italic;</p> <p>Line 118: the relation contains different fonts and aligning relation with the number (3.3.1);</p> <p>Line 121: the relation contains different fonts;</p> <p>Line 122: the relation contains different fonts;</p> <p>Line 123: the relation contains different fonts;</p> <p>Line 126: space between "dx" and "above";</p> <p>Line 127: the relation contains different fonts;</p> <p>Line 128: the relation contains different fonts;</p> <p>Line 129: the relation contains different fonts;</p> <p>Line 132: the relation contains different fonts;</p> <p>Line 135: instead of "relationships" writing "relations";</p> <p>Line 139: the relation contains different fonts;</p> <p>Line 142: the relation contains different fonts;</p> <p>Line 145: the relation contains different fonts;</p> <p>Line 151: subsection 3.2 replaced by subsection 3.4; then relations (3.2.1) and (3.2.2) become (3.4.1) and (3.4.2);</p> <p>Line 153: instead of "In other words, the <i>mgf</i> produces...." writing "In other words, the moment generating function (<i>mgf</i>) produces....";</p> <p>Line 156: the relation contains different fonts and aligning relation with the number (3.4.1);</p> <p>Line 157: the relation contains different fonts and aligning relation with the number (3.4.2);</p> <p>Line 159: the relation contains different fonts;</p> <p>Line 160: Who is the equation (10)?;</p> <p>Line 161: subsection 3.3 replaced by subsection 3.5; then relations (3.3.1) and (3.3.2) become (3.5.1) and (3.5.2);</p> <p>Line 168: the relation contains different fonts;</p> <p>Line 171: the relation contains different fonts;</p> <p>Line 173: the relation contains different fonts;</p> <p>Line 183: the relation contains different fonts and aligning relation with the number (4.1.1);</p>	



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	<p>Line 186: the relation contains different fonts and aligning relation with the number (4.1.2);</p> <p>Line 187: figures 4.1.1 written nonbold;</p> <p>Line 189: Figures 4.1.1 written bold;</p> <p>Line 202: the relation contains different fonts and aligning relation with the number (4.2.2);</p> <p>Line 211: “n independently....” written italic;</p> <p>Line 221: instead of “respectively gives;” writing “respectively gives.”;</p> <p>Line 223: aligning relation with the number (5.3);</p> <p>Line 224: aligning relation with the number (5.4);</p> <p>Line 225: aligning relation with the number (5.5);</p> <p>Line 226: aligning relation with the number (5.6);</p> <p>Line 229: instead the symbol “&amp;” with the conjunction “and”;</p> <p>Line 233: instead of “the Transmuted Lomax-exponential” writing “the Transmuted Lomax-Exponential”;</p> <p>Line 234: instead of “transmuted odd” writing “Transmuted Odd”;</p> <p>Line 235: instead of “generalized exponential-exponential” writing “Generalized Exponential-Exponential”;</p> <p>Line 236: instead of “exponential distribution” writing “Exponential distribution”;</p> <p>Line 242: “Summary Statistics for the dataset” written nonbold and instead “dataset”, writing “data set”;</p> <p>Line 249: instead “Kolmogorov smirnov” writing “Kolmogorov Smirnov”;</p> <p>Line 254: instead “Table 6.2” writing “table 6.2”;</p> <p>Line 256: instead of “Transmuted odd generalized exponential-exponential” writing “Transmuted Odd Generalized Exponential-Exponential”;</p> <p>Line 257: instead of “odd generalized exponential-exponential” writing “Odd Generalized Exponential-Exponential”.</p>	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments	improving the resolution in Figures 2.1, 2.2, 4.1.1 and 4.2.1	

**PART 2:**

	<b>Reviewer’s comment</b>	<b>Author’s comment</b> (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:**

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