



SDI Review Form 1.6

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_44739
Title of the Manuscript:	ANOTHER GENERALIZED TRANSMUTED INVERSE EXPONENTIAL DISTRIBUTION: PROPERTIES AND APPLICATION
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:

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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)
Compulsory REVISION comments		
Minor REVISION comments	Report on the paper called “ANOTHER GENERALIZED TRANSMUTED INVERSE EXPONENTIAL DISTRIBUTION: PROPERTIES AND APPLICATION” for Asian Journal of Probability and Statistics. The paper needs a lot of improvements. Here are some comments: 1. Please provide the justification of the model. Why we need to derive this model????? 2. Add some numerical tables or graphs for derived properties; mean, median, mode, skewness and kurtosis etc. 3. All the references in the paper should be reviewed more carefully in order to avoid any trouble related to the references. 4. Please provide the limiting behavior of PDF and HRF at lower limit and upper limit. 5. The analysis section is very weak. Please add Simulation. 6. Please cite some more relevant articles. For example, • Haq, M. A., Butt, N. S., Usman, R. M., & Fattah, A. A. (2016). Transmuted power function distribution. Gazi University Journal of Science, 29(1), 177-185. • Haq, M. A. (2016). Transmuted exponentiated inverse Rayleigh distribution. • Haq, M. A., Usman, R. M., Hashmi, S., & Al-Omeri, A. I. (2017). The Marshall-Olkin length-biased exponential distribution and its applications. Journal of King Saud University-Science. • Haq, M. A., Elgarhy, M., Hashmi, S., Ozel, G., & ul Ain, Q. (2018). Transmuted Weibull Power Function Distribution: its Properties and Applications. Journal of Data Science, 16(2), 397-418. • Elgarhy, M., Elbatal, I., ul Haq, M. A., & Hassan, A. S. (2018). Transmuted Kumaraswamy Quasi Lindley Distribution with Applications. Annals of Data Science, 1-17. • Tahir, A., Akhter, A. S., & ul Haq, Muhammad Ahsan. (2018). Transmuted New Weibull-Pareto Distribution and its Applications. APPLICATIONS AND APPLIED	



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	MATHEMATICS-AN INTERNATIONAL JOURNAL, 13(1), 30-46. 7. Several typos and grammatical errors are scattered around the text, so authors are expected to fix them. <u>Minor revisions requested.</u>	
<u>Optional/General</u> 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:

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