

Review Form 1.6

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_80920
Title of the Manuscript:	A New Generalization for Generalized Inverted Exponential Distribution with Real Data Applications
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)
Compulsory REVISION comments		
Minor REVISION comments	<ol style="list-style-type: none">1. Abstract: Some statistical properties of this distribution are obtained Some statistical properties of this distribution were obtained2. Page 2, Line 2: Recently Elgarhy etal. (2018) Recently Elgarhy etal. (2018)3. Page 2, Line 4: Ristic-Balakrishnan-G (10).this family was characterized by more flexible Ristic-Balakrishnan-G (10). This family was characterized by more flexible4. All the citations were quoted with brackets instead of squared bracket. e.g Exponentiated-G family (7) should be written as Exponentiated-G family [7]. This should be corrected for all the 18 references.5. Also, citing authors are not consistent. The author at times references the name of author instead of the number. E.g. Dey and Nassar (9) instead of [9], Abouammoh and Alshingiti instead of [1]6. This article aims to combining the works of Abouammoh and Alshingiti and Elgarhy et al. in order to define and provide the basic statistical properties of our new model called Type II Topp-Leone Generalized Inverted Exponential Distribution (as short TIITLGIE). This new model show that it is more flexible in real applications using three different real data sets. Is the author citing the name or number?7. Section 3: where $U \sim \text{uniform}(0,1)$,. The U should be u not U8. Section 3.2 line 8 Substituting $r = 1$ in (3.4), should be written as Substituting $r = 1$ in Equation (3.4),9. Section 3.3 line 6, Equation(3.1). should be written as Equation (3.1).10. Section 3.3 line 2: quantiles (15). Rewrite as quantiles [15] Line 4: Moors' kurtosis (14) should be written as Moors' kurtosis [14]11. Section 3.4, line 9: solving (3.10) rewrite as solving Equation (3.10)12. The author uses Equation at times while he uses equation. The author needs to be consistent13. Section 3.6 Line 1: In Table 1 the behavior of the TIITLGIE distribution can be studied, when α and θ are increasing. The statement should be in block form not indented since authors have been using block paragraphing14. Section 6 Line 5: Then, the estimates of $R(x_0)$ and $h(x_0)$ from (3.12) and (3.14) should be written as Then, the estimates of $R(x_0)$ and $h(x_0)$ from Equations (3.12) and (3.14)15. Section 7 line 9: (CAIC)(12) and Hannan-Quinn information criterion (HQIC)(11) should be written as (CAIC) [12] and Hannan-Quinn information criterion (HQIC) [11]	
Optional/General comments	Overall, the article is good with rich theoretical derivation. However, the authors need to make the minor corrections above.	

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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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