

Review Form 3

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_127675
Title of the Manuscript:	Modeling COVID-19 Pandemic Data with New Pareto Model
Type of the Article	

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	The authors proposed "Modeling COVID-19 Pandemic Data with New Pareto Model". The new model was found to be more efficient than the pareto distribution using simulated data and four real life data sets based on COVID-19 from four different countries.	
Is the title of the article suitable? (If not please suggest an alternative title)	Modeling COVID-19 Pandemic Data with New Extended Pareto Model	
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 does not include the motivation for the study	
Is the manuscript scientifically, correct? Please write here.	Yes	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The author(s) are required to provide recent references. The author(s) should provide literatures on the application of pareto distribution in the health sector.	
Is the language/English quality of the article suitable for scholarly communications?	The article is poorly written. The author(s) should write with logic. In addition, there are some typographical errors.	
<u>Optional/General</u> comments	Pareto distribution is mainly applicable in the financial sector. The authors should provide convincing motivation for applying it in the health sector. The author mentioned the use of Numerical approximation, I will request the Code used in this research to see how it is done.	

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
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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