

### **Editor's Comment:**

I think this paper need more work.

I can mentionned some remarks for improving this paper.

In this article a new bounded distribution is proposed and authors derived its properties. However, the following points are very critical.

There exist many distributions in the literature, and the authors did not justify the new proposal.

Comments:

-add motivation in introduction

- for new distribution the authors must add the condition that  $x > \theta$ .

- add simulation section (estimatim methods)

-add second set data and other distributions for comparing the new proposed.

-in authors application, Three parameter TED provides not the better fit than other distributions.

Overall conclusion

Overall the work is acceptable especially the theory part. But the paper needs an simulation and application parts.

I can not recommend this paper for publication in this form.(Major revision)

### **Editor's Details:**

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