

## Review Form 1.7

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|--------------------------|---|
| Journal Name:            | <b>Current Journal of Applied Science and Technology</b>            |
| Manuscript Number:       | <b>Ms_CJAST_95897</b>   |
| Title of the Manuscript: | <b>Classical and Bayesian estimation for the Dagum Distribution</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:

(<https://www.journalcjast.com/index.php/CJAST/editorial-policy> )

### 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<br>1. <b>Is the manuscript important for scientific community?</b><br>(Please write few sentences on this manuscript)<br>2. <b>Is the title of the article suitable?</b><br>(If not please suggest an alternative title)<br>3. <b>Is the abstract of the article comprehensive?</b><br>4. <b>Are subsections and structure of the manuscript appropriate?</b><br>5. <b>Do you think the manuscript is scientifically correct?</b><br>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b><br><br><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b> | 1. <b>The manuscript is a good contribution to scientific community as it provides some results regarding different ways of estimation for the unknown parameter with a simulation study to compare these methods.</b><br>2. <b>The title is suitable for this manuscript.</b><br>3. <b>In the abstract the sentence "The inverse Burr distribution is a generalized Beta distribution that is produced from generalized beta-II by taking shape parameter one into consideration" needs more attention to integrate it with the main purpose of the article.</b><br>4. <b>Subsections of section number 2 need brief introduction and description about the benefits of each property. Section number 3 needs introduction about the estimation methods that will be used.</b><br>5. <b>The results are scientifically correct.</b><br>6. <b>Need to check the references. Some of the references written in the reference section are not used in the article</b> |   |
| <b>Minor</b> REVISION comments<br>1. <b>Is language/English quality of the article suitable for scholarly communications?</b>   | Language quality is fair.   |   |
| <b>Optional/General</b> comments  | Add the derivation of each result.  |   |

### 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) |
|---|--|---|
| <b>Are there ethical issues in this manuscript?</b> | <i>(If yes, Kindly please write down the ethical issues here in details)</i> |   |

### Reviewer Details:

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|----------------------------------|------------------------------------|
| Name:                            | <b>Maalee Al Mheidat</b>           |
| Department, University & Country | <b>University of Petra, Jordan</b> |