



**SDI Review Form 1.6**

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| Journal Name:            | <a href="#">British Journal of Mathematics &amp; Computer Science</a>                               |
| Manuscript Number:       | <b>Ms_BJMCS_23944</b>                                                                               |
| Title of the Manuscript: | <b>An Information-Theoretic Alternative to the Cronbach's Alpha Coefficient of Item Reliability</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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

|                                            | <b>Reviewer's comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Author's comment</b> (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><u>Compulsory</u></b> REVISION comments |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                      |
| <b><u>Minor</u></b> REVISION comments      | <p>The presentation was very good and it is upto the standard of publication with making necessary corrections stated below:</p> <ol style="list-style-type: none"> <li>1. The simulated values of the information consistency ratio and Cronbach's alpha coefficient for different fractions are tabulated. In the table fraction 1 and fraction 3 are having the same set of values and fraction 2 and fraction 4 also has the same set of values. Consequently, it will be reflected in the graph.</li> <li>2. Instead of taking the same set of values ,if possible, change the set and try to collect the various results so that the efficiency of Cronbach can be analyzed and shown effectively.</li> <li>3. Try to take different samples and concentrate for atleast five fractions to check the results</li> </ol> |                                                                                                                                                                                      |
| <b><u>Optional/General</u></b> comments    | Recommended for publication with relevant correction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                      |

**Reviewer Details:**

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|----------------------------------|------------------------------------------------------------------------------------------------------------|
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