Review of: "A New Index for Measuring the Difference Between Two Probability Distributions"

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,. Paper is good. Results and definitions are original. There are some mistakes in the paper, so I recommend the paper for publication after major revision based on the following suggestions:

1. Motivation of the paper should be improved. In the introduction section, a literature review is presented. Also, authors give information about the content and contribution of the paper. However, motivation is not given in this part. Authors should address some questions such as "Why did you need this approach? What are the advantages of the method according to other methods? Why is this operator important for the presented method?".

2. Throughout the paper, punctuation marks should be carefully checked.

3. The conclusion is weak. You can also discuss the advantages, disadvantages, and limitations of the proposed methodology.

4. I suggest that the authors cite more.

a) doi.org/10.1007/s40314-024-02646-1,

b) doi.org/10.19113/sdufenbed.1196523,

c) 10.3233/JIFS-238331,

d) doi.org/10.1007/s13042-021-01480-9,

e) doi.org/10.29109/gujsc.1036873.