# Review of: "Improved Cosine Similarity Measures for q-Rung Orthopair Fuzzy Sets"

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Potential competing interests: No potential competing interests to declare.

The following points should be taken into account very seriously for the author to improve the current version of the manuscript.

1: Is it possible for you to describe how the challenges associated with the topic discussed can be overcome?

2:

a) : In introduction give a comparative table for literature review. This paper should be compare with many related paper with respect to different component.

b): The introduction section of this manuscript only introduces the current research of other people. However, the urgency of the research content of this manuscript is not reflected c): 1.In the abstract, the innovation of the manuscript is not prominent enough, and the content is redundant, which is very laborious for readers to read.

3: Give more numerical example if possible and illustrate by graphical representation also.

4: The grammatical error should be removed.

Many more typos have been found. During the revision process, check the manuscript thoroughly. English should also be improved in terms of its language.

5: What is the novelty of this paper? Please check and provide the exact information. In my point of view, novelty is minor.

6: Need to cite the following paper also in introduction as a extension of fuzzy sets

a) *1.* ***A Novel Method for Determining Tourism Carrying Capacity in a Decision-Making Context Using q−Rung Orthopair Fuzzy Hypersoft Environment,*** *Journal of Computer Modeling in Engineering and Sciences*(2023), *DOI: 10.32604/cmes.2023.030896*

***b) Robotic sensor based on score and accuracy values in q -rung complex diophatine neutrosophic normal set with an aggregation operation,*** *Alexandria Engineering Journal,* (2023), *https://doi.org/10.1016/j.aej.2023.06.064.*

*C):* ***q-Rung orthopair fuzzy hypersoft ordered aggregation operators and their application towards green***

***supplier,*** *Frontiers in Environmental Science (2023)*

*Doi: 10.3389/fenvs.2022.1048019.*

***D): Aggregation Operators for Decision Making Based on q-Rung Orthopair Fuzzy Hypersoft Sets: An Application in Real Estate Project,*** *Computer Modeling in Engineering & Sciences*, (2023), *DOI: 10.32604/cmes.2023.026169.*

***E): Analysis of Cryptocurrency Market by Using q-Rung Orthopair Fuzzy Hypersoft Set Algorithm Based on Aggregation Operators***, *Complexity,* (2022).