

Review of: "A Gaussian Kernel Similarity Approach to Multisource Information Fusion Considering the Weight of Focal Element Beliefs"

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The authors make a deep study on the conflict of evidence theory. First, the authors analyze the shortcomings of the existing research, find and put forward a new problem in this field, that is, how to measure the similarity between evidences considering the weight of focal element beliefs. This has not appeared in previous studies, and it is a useful supplement to the knowledge system in this field. Secondly, the authors put forward a novel Gaussian kernel similarity coefficient, which can be seen as a powerful tool to solve the above problems. Finally, the authors put forward a multi-source information fusion method based on Gaussian kernel similarity coefficient, whose chart is clear and helpful for readers to understand, and the calculation process can be reproduced. The results of the example are true, reliable and more convincing.

Suggestion: add some references to the literature review in the introduction; add pseudocode of multi-source information fusion algorithm.

Generally speaking, the framework of the manuscript is reasonable, the chapters are closely related, and the research purpose is clear, which brings new information to readers and expands the boundary of knowledge. The ideas in it are also enlightening, which provides an interesting research direction for this field.