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

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Potential competing interests: No potential competing interests to declare.

The work presented is interesting and worthy of studying. The paper is generally well written.

1. The introduction of the paper points out that "the contribution of each focal element belief to similarity measurement is the same in the existing research on evidence similarity" may not be reasonable. The weight should be considered. Can you point out the irrationality in detail or explain what wrong results will be caused by the existing equal-weight method through examples? For example, the results of the proposed method and the existing methods are compared in case 2. However, from the perspective of the belief fusion results, the proposed method is consistent with the existing methods in ranking the belief of each focal element except for the Dempster's rule.

2. In definition 7 and 8, it is mentioned that h/2 is an adaptive parameter. It is better to give the adaptive calculation process of parameters.

3. It is better to give some theoretical analysis about how to set the two parameters 0.998 and 0.002 in Formula 16 in Section 4. In the established M-GKSC formula, the denominator maybe 0 in some case, and does this indicate that the proposed method has certain limitations?

4. Case 1 points out that the proposed method has a faster convergence rate compared with Murphy's and Deng's methods. It is recommended to give specific simulation results to support it.