

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

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Potential competing interests: No potential competing interests to declare.

The paper gives a new index for measuring the difference between two probability distributions, DDI. It defines DDI and gives a simple discussion about the parameters.

The paper is very concise and clear. The formulas are more closely related to another paper (Hang 2023). They are easier to understand, which is friendly to readers.

But I have some questions:

- Can you provide specific feedback on the clarity and effectiveness of the examples used to demonstrate the DDI?
- What additional details or explanations could the authors include to justify the chosen value ranges for $|1 - 2|$ and $1 - \sigma^2$?