

## Review of: "Deep Learning in Medical Image Registration: Introduction and Survey"

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Potential competing interests: No potential competing interests to declare.

## **Review Comments**

- 1. Overall, this article has covered the necessary steps which author mentioned in their research problem. The abstract should be very clear and precise with the proposed solution including findings. Concept and objectives should be well stated in the abstract. The abstract is too verbose and needs to focus on the key contributions. A naive proof reading is essential throughout the article.
- 2. Critical analysis with comparison to the state of the art is missing which is important. This would have raised the quality of the paper. Authors are suggested to summarize the limitations observed in the existing research works as a motivation of the proposed work. Comparative analysis of various methods should be presented preferably in a tabular format.
- 3. Measure the performance of the proposed model with various parameters and discuss the observations in detail. Experimental section needs detailed explanation for the results obtained.
- 4. In Figure 2, for image registration definition, instead of using general images, medical images can be represented since the work is on medical imaging.
- 5. Under evaluation measures, Jaccard measure is misspelled as Daccard (in Figure 27 and Equation 28)

Qeios ID: WJ82PP · https://doi.org/10.32388/WJ82PP