Review of: "An Improved Hybrid Transfer Learning-Based Deep Learning Model for Alzheimer's Disease Detection Using CT and MRI Scans"

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Potential competing interests: No potential competing interests to declare.

This is an interesting paper; authors proposed a classifying AD patients into various stages by utilizing transfer learning . The proposed measure has room to be improved before the acceptance of the manuscript. Careful revision of the manuscript is necessary for its publication.

1. The abstract should reflect the contributions of the manuscript. I suggest rewriting it.

2. Introduction should be clearly presented to highlight main ideas and motivation behind the

proposed research. Please include and clearly state research question and motivation of proposed

study in Introduction. The author should be covering the research gap.

3. the authors should analyze how to set the parameters of the proposed methods in the framework. Do they have the "optimal" choice?

4. Figures captions need to be expanded to make them self-explained.

5. The English grammar and punctuation in the article appear to be generally sound, but there may be a few minor errors or inconsistencies that could be corrected through proofreading. It would be beneficial to review the article for any typos or spelling errors, as these can detract from the readability and credibility of the work.

6.In the conclusion, consider explaining any potential future work or extensions of the proposed method.

7.The following papers on the same topic should be cited and discussed:

7.1. Early and High-Accuracy Diagnosis of Parkinson's Disease: Outcomes of a New Model

7.2. Diagnosis of Alternaria disease and Leafminer pest on Tomato Leaves using Image Processing Techniques