

# 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.

To my understanding, this manuscript has merely done a comparison study among various deep learning methods on diagnosing Alzheimer's, the contribution is limited and the organization is inappropriate.

1. The section of Literature Review is quite insufficient, which makes me unable to get the motivation of this paper. The authors should reorganize it with sufficient survey, indicating the advantages and limitations of existing works .
2. In the section of Experiment Evaluation, each class is designed with equal amounts of images, which is far from practical cases. As we can understand, diagnosing Alzheimer's is essentially an imbalanced data classification problem, the authors should pay more attention to analyzing and modifying the methods so they fit well with practical cases.
3. The section of Discussion is pointless and is actually just more trivial explanation, I could not get any insight from this section.