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 paper success to classify Alzheimer's Disease patients into 4 stages (early mental retardation, mild mental impairment, late mild mental impairment, and final Alzheimer's stage) by utilizing transfer learning with different networks (ResNet50, VGG16, and DenseNet121) on a self-constructed large dataset.

The strong point is on the totally description and compression which also show acceptable result. However, for doctors they will concentrate on not losing a single possible patient with heavy disease. So, when you classify the image to different level, you should focus on preventing any sample with higher level be classified to lower level. When you construct your dataset, you should also pay attention to this point.