

Evaluating the Fidelity of Explanations for Convolutional Neural Networks in Alzheimer's Disease Detection

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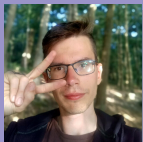
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Who are we?



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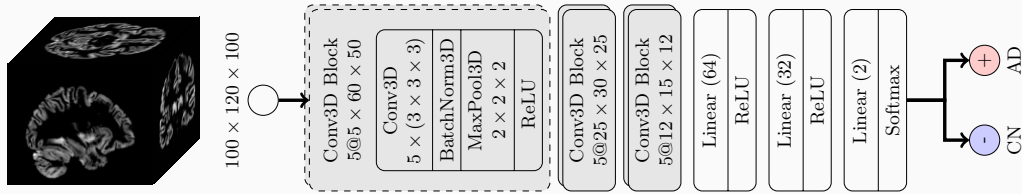
Martin Dyrba

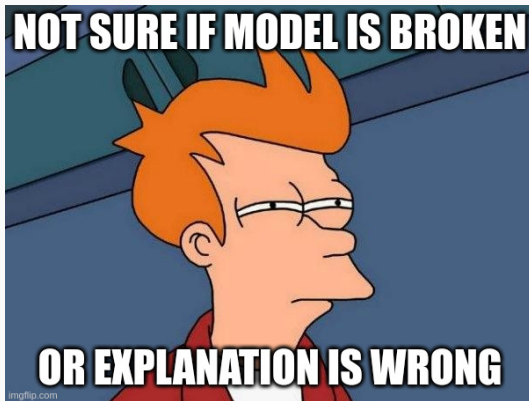


Devesh Singh



Model





Perturbation Tests: Insertion and Deletion

Take-Aways

1. Perturbation tests offer a model-agnostic fidelity metric.
2. The baseline should be chosen carefully w.r.t. to context.
3. Attribution Maps need interpretation to actually explain anything.