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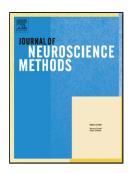
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ACCEPTED MANUSCRIPT

Predication of Different Stages of Alzheimer's Disease Using Neighborhood Component Analysis and Ensemble Decision Tree

Running title: Predication Using NCA and Ensemble Tree

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Highlights:

- The neighborhood component analysis (NCA) is proposed for feature selection of MRI measures.
- NCA combined with the boosting tree achieves better prediction performance than other methods.
- The best prediction accuracy for four stages of Alzheimer's disease is 56.25%.

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