



Early Detection of Age-Related Cognitive Decline Using Machine Learning on EEG Data

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Goal: WAVi Ai will be a key tool in preventing Age-Related Cognitive Decline through early identification and interventional phenotyping

WAVi collects multimodal brain information from FDA- cleared devices and from patient screenings, creating a database labelled by clinicians

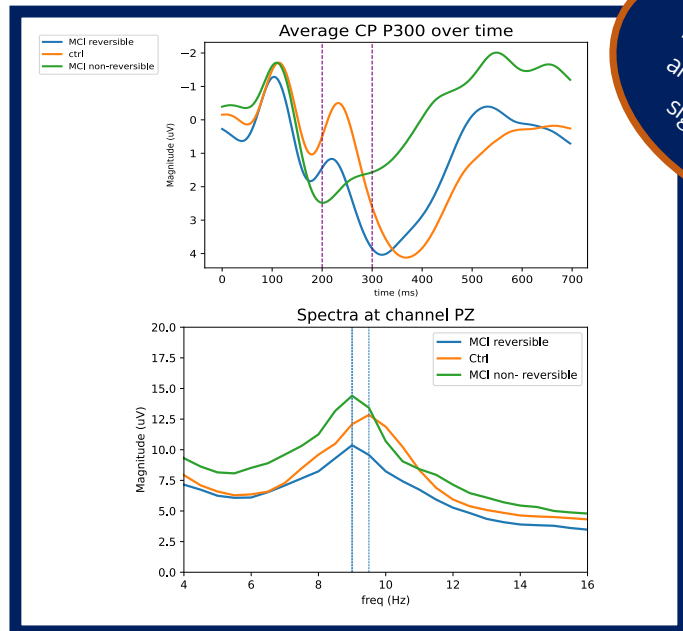
Network Effect: AI is learning from every scan creating patient archetypes for brain & mental health conditions

Hardware and software FDA cleared:

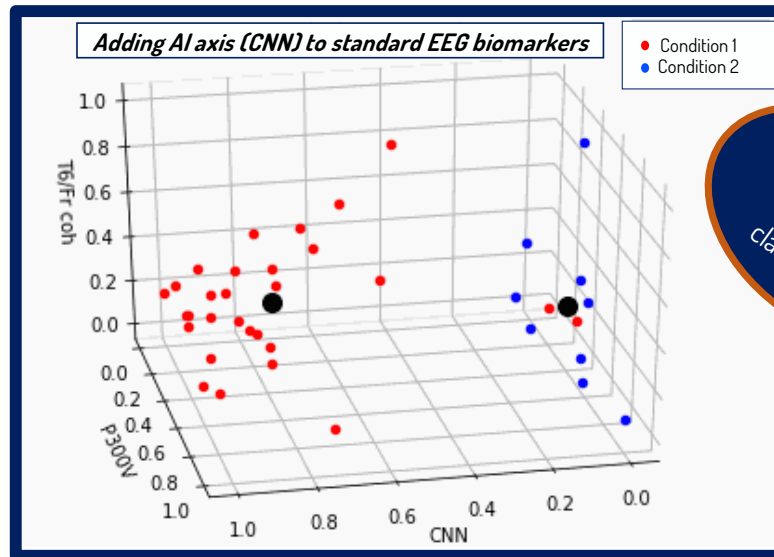
4 minute scan, producing instant understandable reports
Rapid placement of EEG electrodes
Designed for in-clinic data collection

How does a doctor identify or predict a patient's brain journey with MCI?

- Successful classification allows for the creation of new medical software products that can be bundles into existing FDA-cleared software
- New products intended to assist doctors with earlier identification and interventional phenotyping



Standard EEG biomarkers that are statistically significant



Clustering conditions with added AI classification

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