

Exploring the brain with explainable artificial intelligence

Characterizing diversity in patients with
dementia

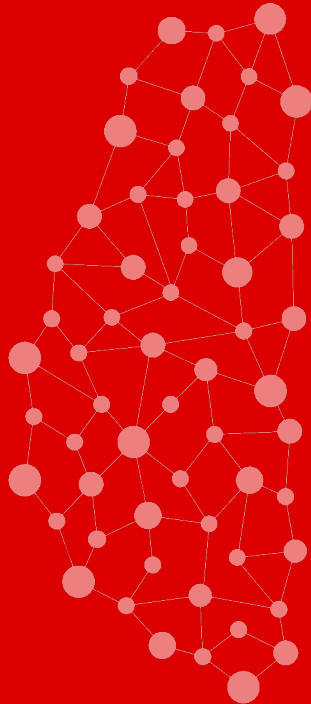


Esten H. Leonardsen

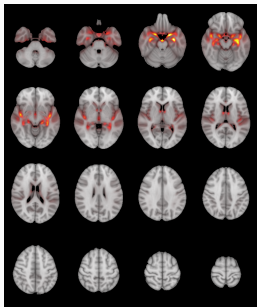
Postdoctoral research fellow, Department of
Psychology, University of Oslo
Chief Scientific Officer, baba.vision



UNIVERSITETET
I OSLO

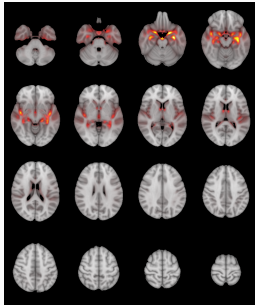


Explainable AI

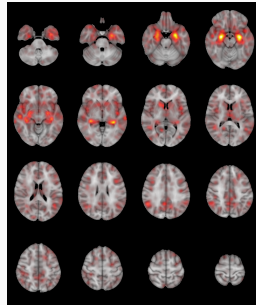


Explainable AI and dementia

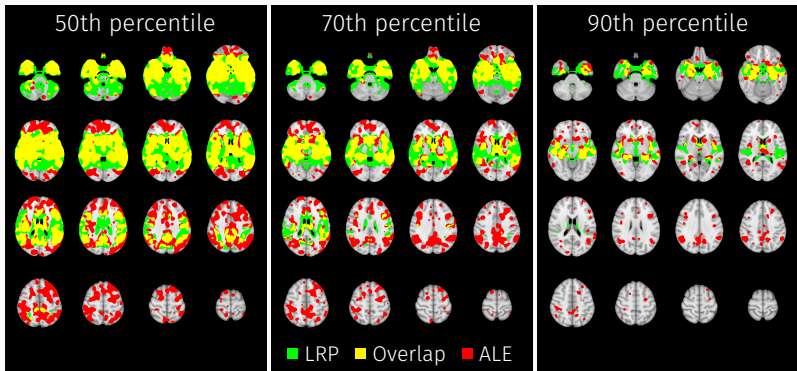
Explainable AI



Human researchers



Explainable AI and dementia



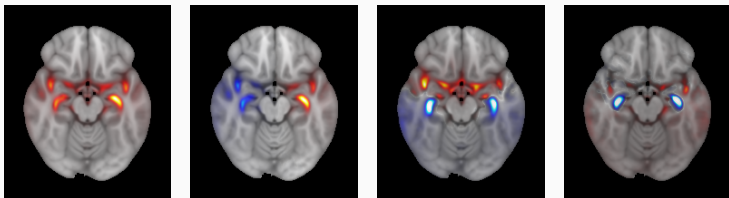
Explainable AI and dementia

Test battery	Domain	Name	Description
Functional Activities Questionnaire		FAQTOTAL	Measures instrumental activities from everyday life
ADSP Phenotype Harmonization Consortium	Language	PHC_LAN	Composite language score
UW - Neuropsych Summary Scores	Executive functioning	ADNI_EF	Composite score for executive functioning
UW - Neuropsych Summary Scores	Memory	ADNI_MEM	Composite score for memory

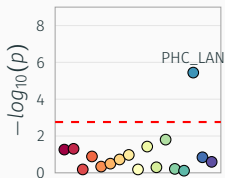
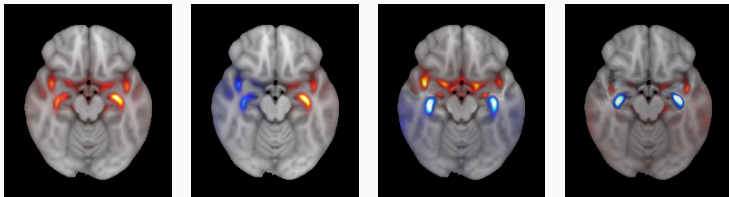
⋮



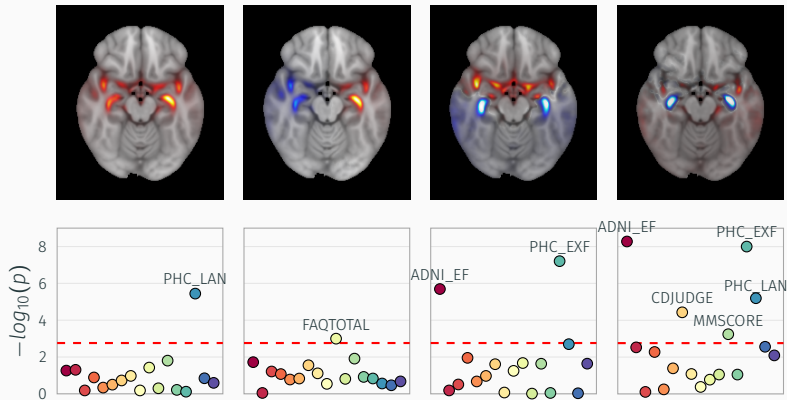
Explainable AI and dementia



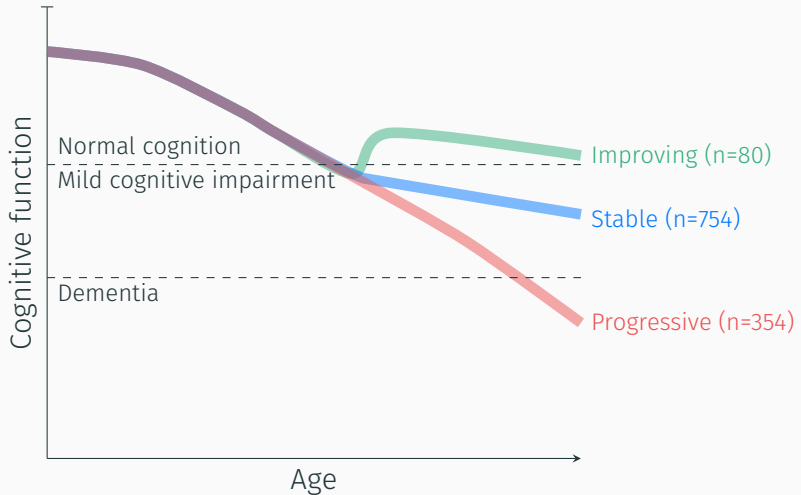
Explainable AI and dementia



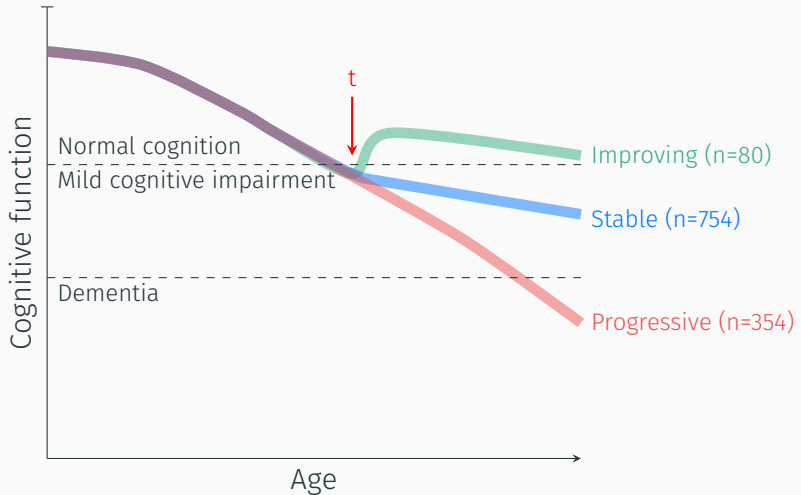
Explainable AI and dementia



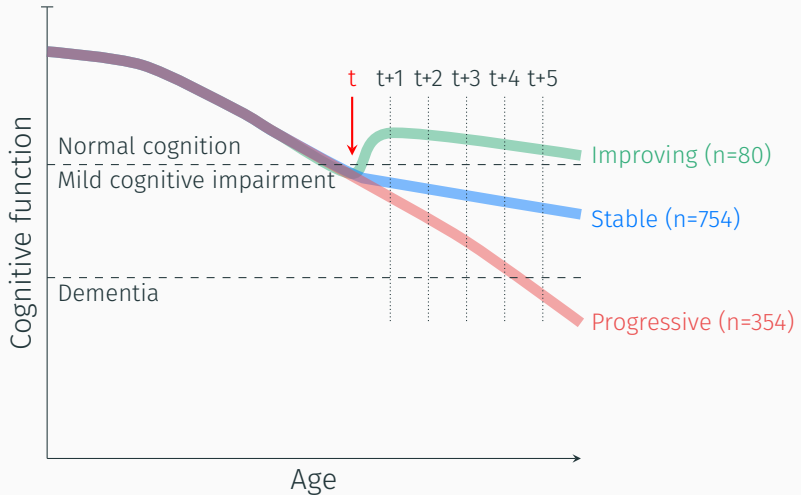
Explainable AI and dementia



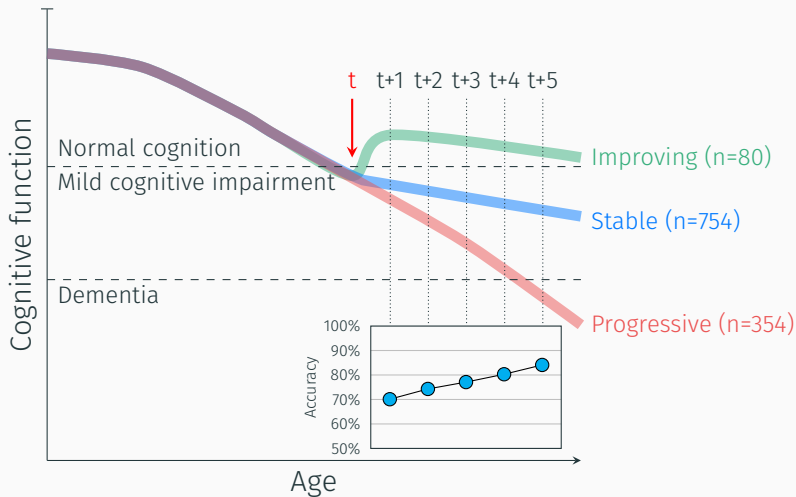
Explainable AI and dementia



Explainable AI and dementia



Explainable AI and dementia



Thank you for your attention!

estenhhl@uio.no



UNIVERSITETET
I OSLO

