



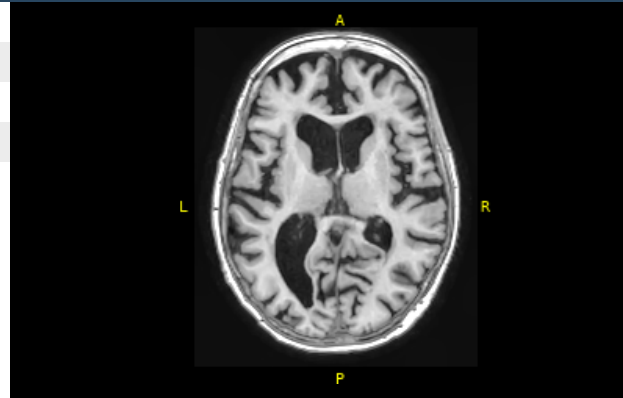
Subject: job1735529

Sex: Female

Age: 90.0

Report date: 24-Sep-2024

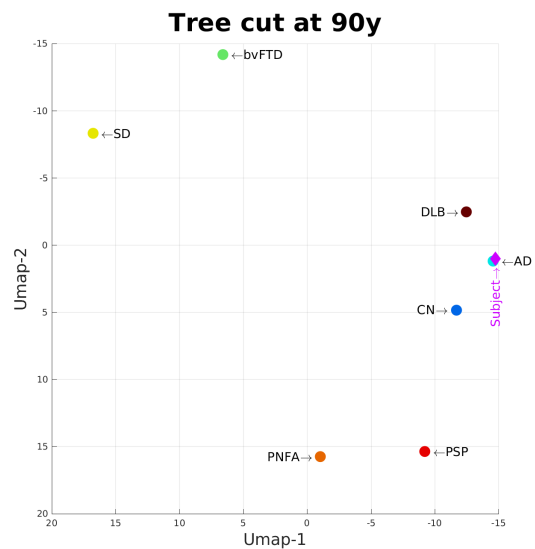
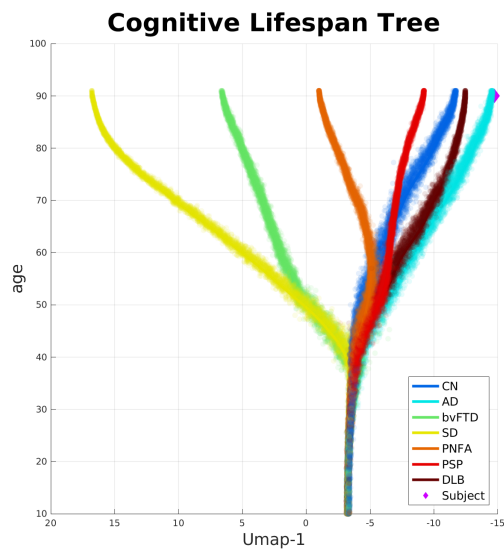
Quality control: A



Differential diagnosis result

Condition	Probability (in %)
Cognitively Normal (CN)	7.83
Alzheimers Disease (AD)	80.05
behavioral variant of Frontotemporal Dementia (bvFTD)	0.00
Semantic Dementia (SD)	0.00
Progressive Non-Fluent Aphasia (PNFA)	0.01
Progressive Supranuclear Palsy (PSP)	0.05
Dementia with Lewy Bodies (DLB)	12.06

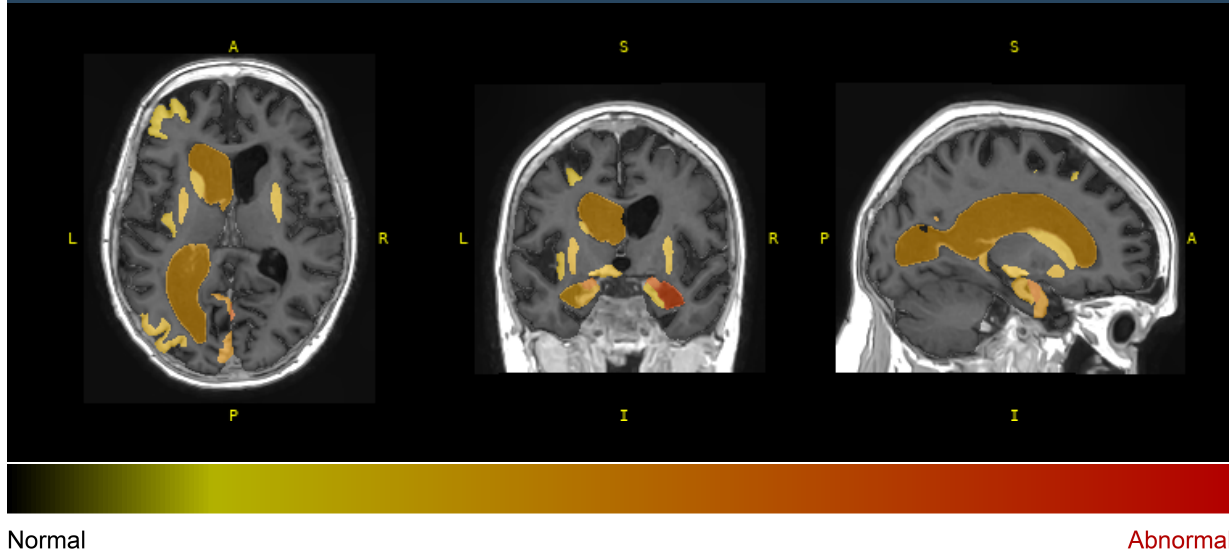
Cognitive tree



[1] P. Coupé, B. Mansencal, J. V. Manjon, P. Péran, W. G. Meissner, T. Tourdias, V. Planche, *Lifespan tree of brain anatomy: diagnostic values for motor and cognitive neurodegenerative diseases*, To appear.

[2] P. Coupé, B. Mansencal, M. Clément, R. Giraud, B. Denis de Senneville, V.-T. Ta, V. Lepetit, J. V. Manjon, *AssemblyNet: A large ensemble of CNNs for 3D whole brain MRI segmentation*, NeuroImage, volume 219, 2020. [PDF](#)

Abnormality map



Abnormality result

Structure	Distance
Right inf. lateral ventricle	4.59
Right lingual gyrus	4.14
Right amygdala	4.05
Left amygdala	3.53
Left cuneus	2.89
Left entorhinal area	2.85
Left lateral ventricle	2.67
Left inf. lateral ventricle	2.51
Left hippocampus	2.50
Left putamen	2.36
Left ventral DC	2.28
Left middle occipital gyrus	2.24
Right putamen	2.19
Left caudate	2.19
Right temporal pole	2.09
Right hippocampus	2.02
Left posterior insula	2.01
Left middle frontal gyrus	1.86
Left accumbens	1.67
Right accumbens	1.65