

Temporal Lobe

Amygdala

Your Personal

# KeyLayer Report

amygdala

Hippocampus

Frontal Lobe



BRAINKEY

Patient: John Joe (41, M)  
Patient ID: 5109B  
Age at Scan: 41  
Scan ID: 277019  
Date of Scan: June 26 2023  
Clinic Name: Sample Clinic

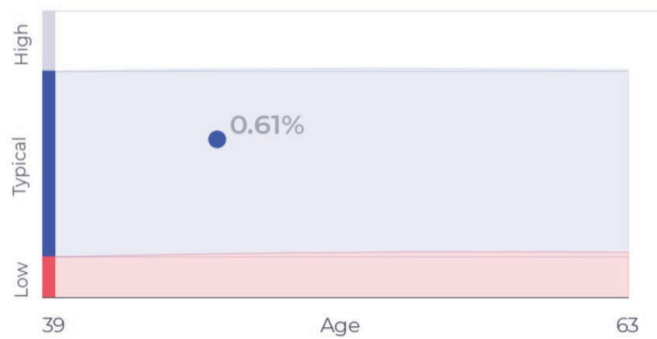


Brain Region Volume Summary

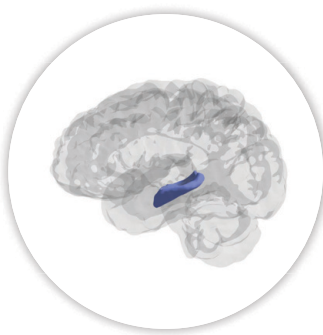
Brain Region:	Volume (cm <sup>3</sup> )	% of ICV (5-95% Normative percentile)	Normative Percentile	Meaning
Hippocampus	7.71	0.61 (0.47,0.69)	57	Typical
Left Hippocampus	3.57	0.28 (0.23,0.34)	41	Typical
Right Hippocampus	4.14	0.33 (0.24,0.36)	72	Typical
Hippocampal Occupancy	Score: 0.89	0.89 (0.76,0.96)	54	Typical
Ventricles	21.89	1.74 (0.94,3.97)	42	Typical
Third Ventricle	1.09	0.09 (0.03,0.19)	52	Typical
Fourth Ventricle	1.35	0.11 (0.07,0.21)	35	Typical
Lateral Ventricle	18.5	1.47 (0.73,3.52)	42	Typical
Left Lateral Ventricle	9.59	0.76 (0.37,1.85)	43	Typical
Right Lateral Ventricle	8.91	0.71 (0.34,1.7)	43	Typical
Inferior Lateral Ventricle	0.95	0.08 (0.02,0.18)	49	Typical
Left Inferior Lateral Ventricle	0.44	0.04 (0.01,0.09)	47	Typical
Right Inferior Lateral Ventricle	0.51	0.04 (0.01,0.09)	53	Typical
Frontal Gray Matter	214.55	17.01 (14.78,19.42)	48	Typical
Parietal Gray Matter	99.81	7.91 (6.69,8.94)	59	Typical
Occipital Gray Matter	53.83	4.27 (3.6,5.13)	48	Typical
Temporal Gray Matter	126.37	10.02 (9.24,11.91)	19	Typical
Caudate Nucleus	8.32	0.66 (0.44,0.69)	88	Typical
Putamen	8.8	0.7 (0.31,0.73)	90	Typical
Amygdala	3.14	0.25 (0.17,0.25)	93	Typical
Thalamus	14.23	1.13 (1.02,1.3)	29	Typical
White Matter	536.98	42.56 (36.78,46.13)	70	Typical
Brainstem	33.08	2.62 (2.42,3.11)	25	Typical
Globus Pallidus	3.75	0.3 (0.17,0.31)	88	Typical
Cerebellum	129.11	10.23 (9.38,12.54)	27	Typical

Hippocampus

Volume: In the atypical range for men your age



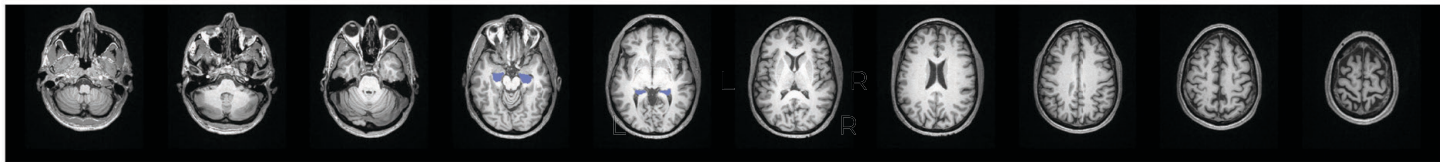
Left



Right

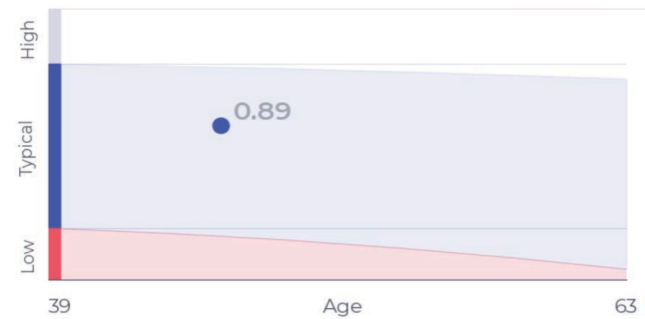


Axial slices

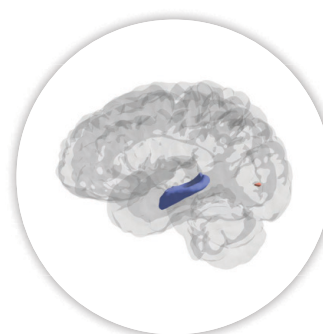


Hippocampal Occupancy Score

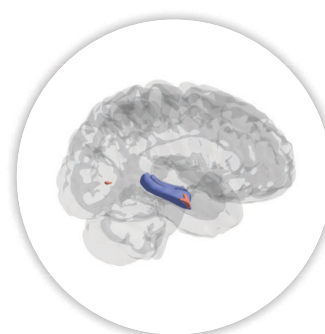
Volume: In the typical range for men your age



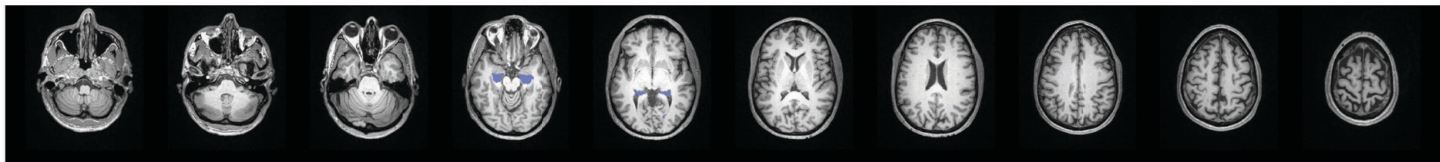
Left



Right



Axial slices

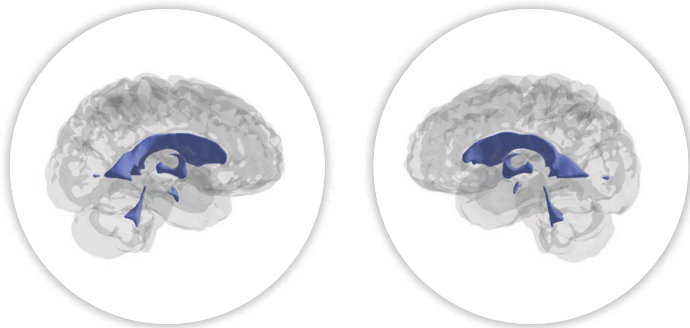


Ventricles

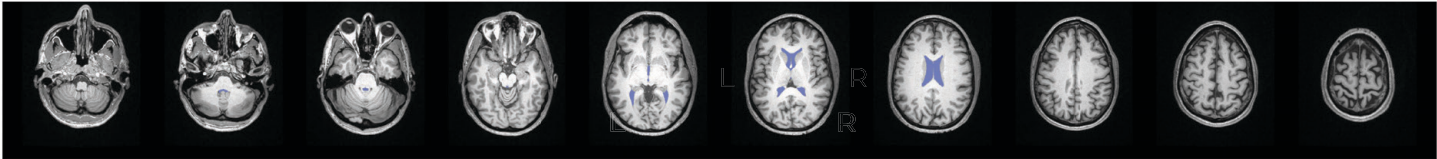
Volume: In the atypical range for men your age

Left

Right



Axial slices

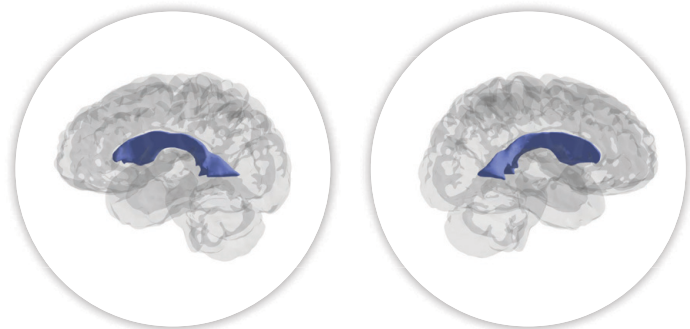
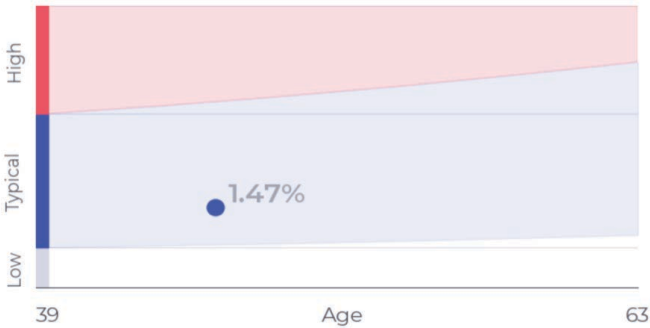


Lateral Ventricles

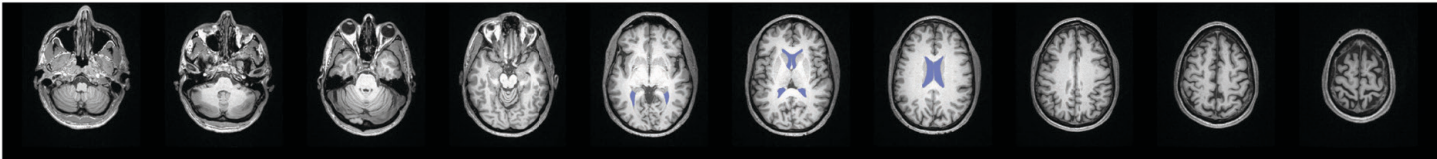
Volume: In the typical range for men your age

Left

Right



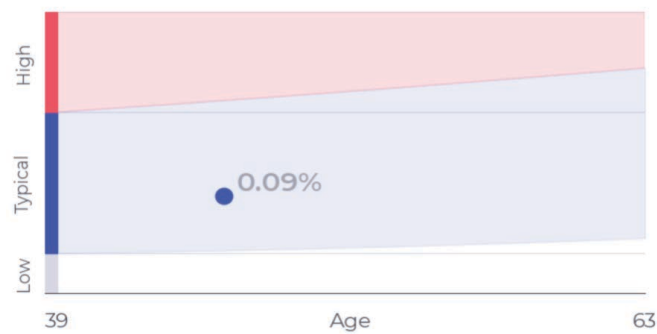
Axial slices



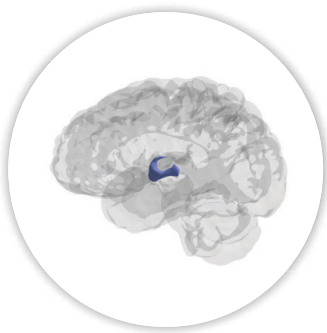


Third Ventricle

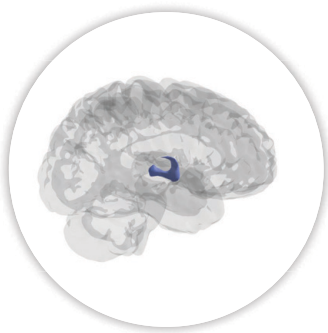
Volume: In the atypical range for men your age



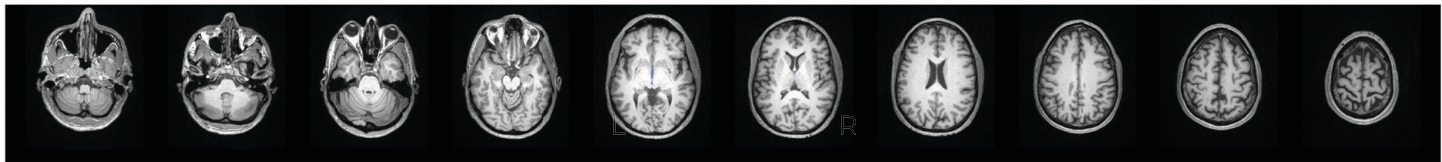
Left



Right

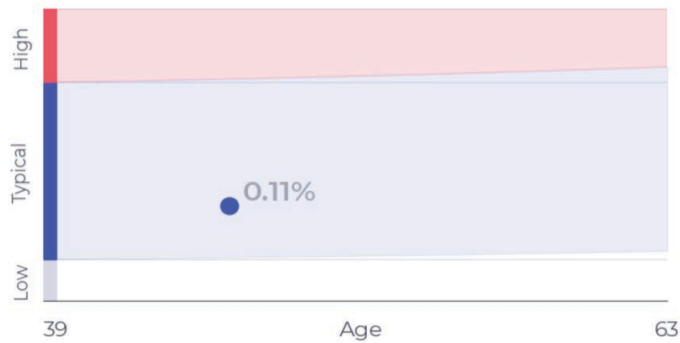


Axial slices



Fourth Ventricle

Volume: In the typical range for men your age



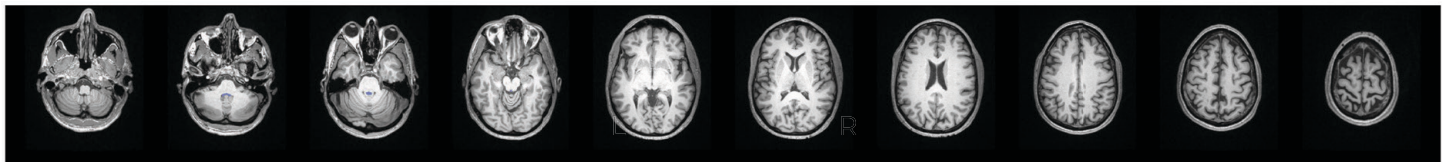
Left



Right

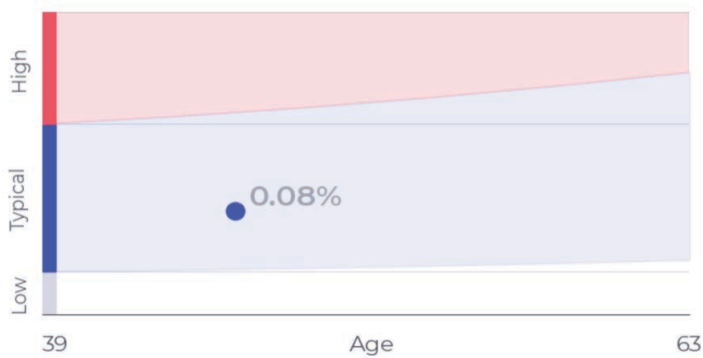


Axial slices

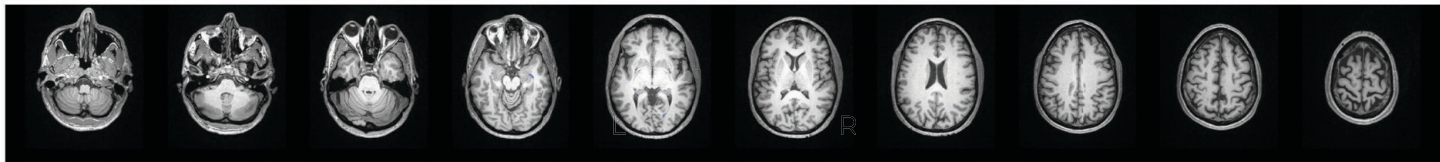


Inferior Lateral Ventricles

Volume: In the atypical range for men your age

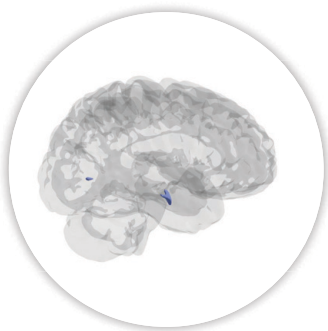
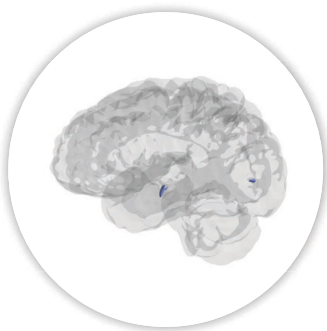


Axial slices



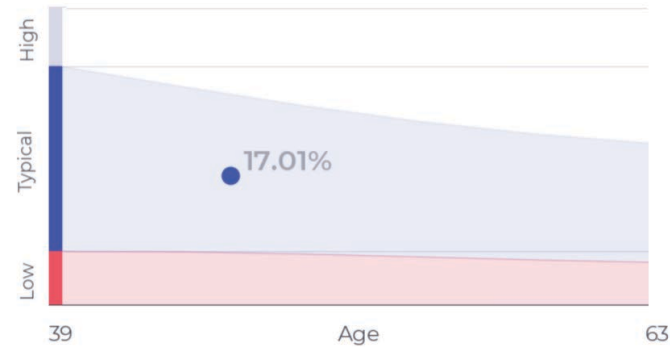
Left

Right

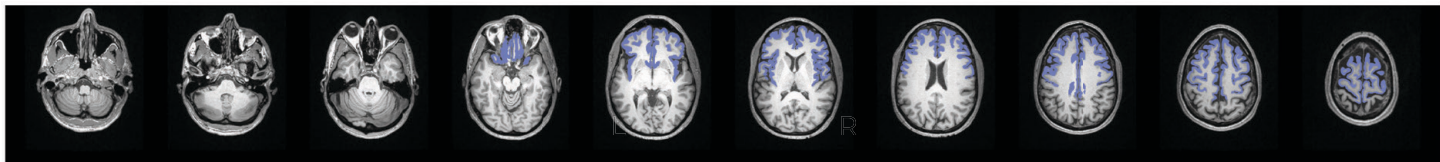


Frontal Gray Matter

Volume: In the typical range for men your age



Axial slices



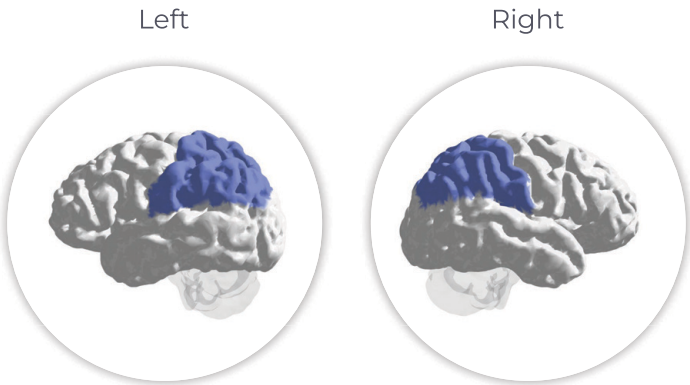
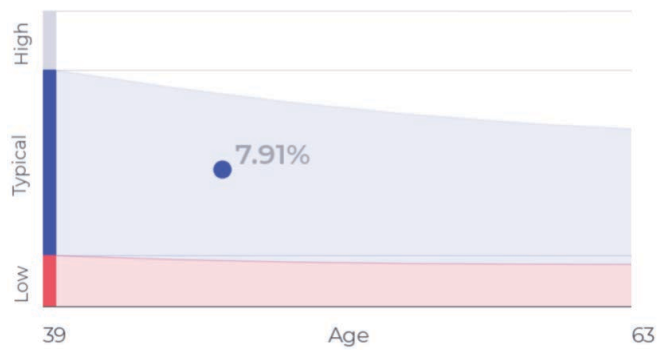
Left

Right

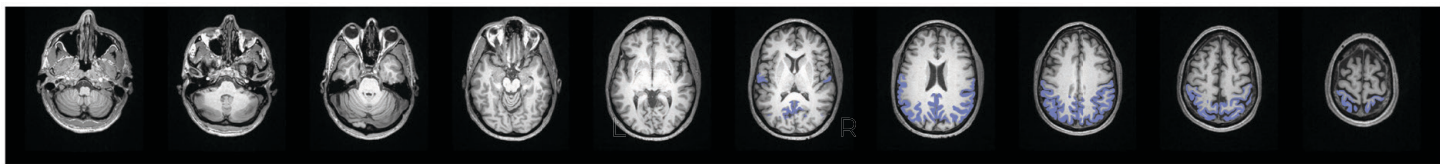


Parietal Gray Matter

Volume: In the atypical range for men your age

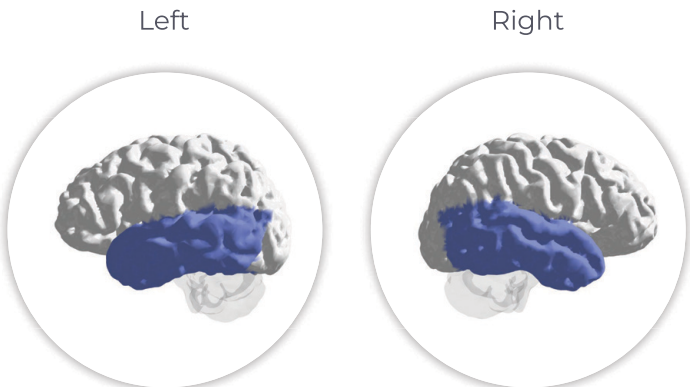
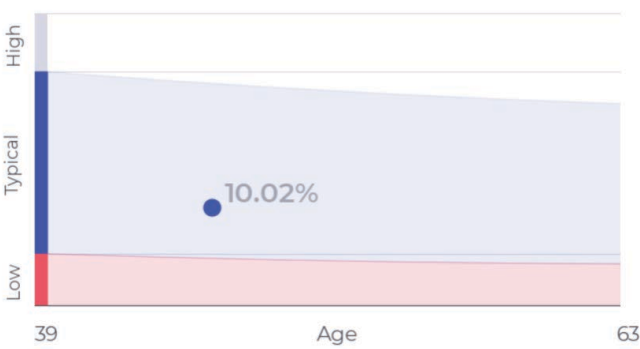


Axial slices

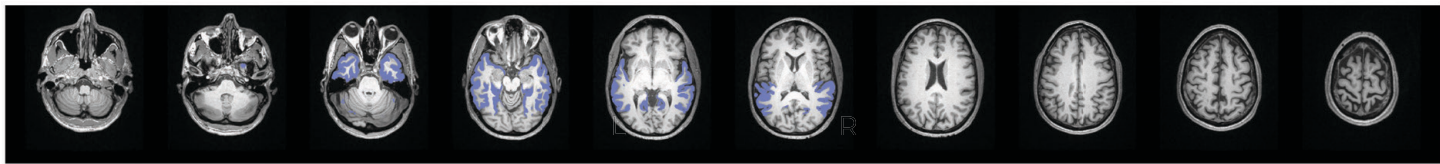


Temporal Gray Matter

Volume: In the typical range for men your age

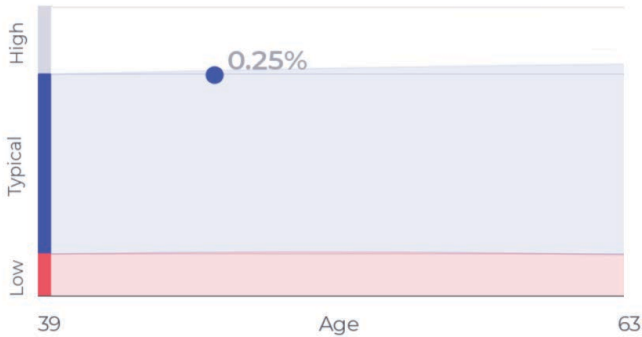


Axial slices

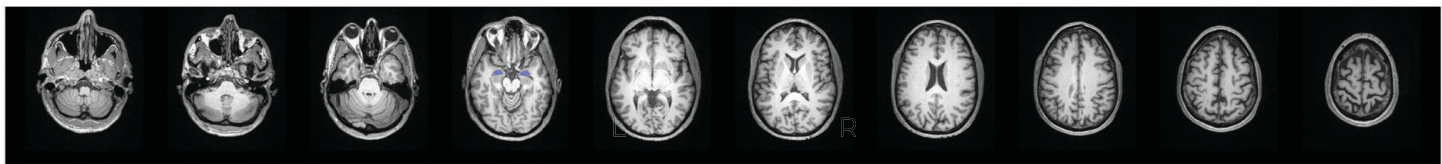


Amygdala

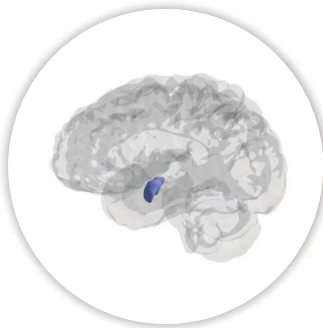
Volume: In the **atypical** range for men your age



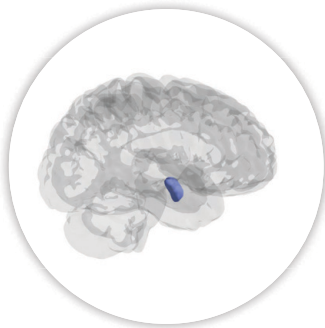
Axial slices



Left

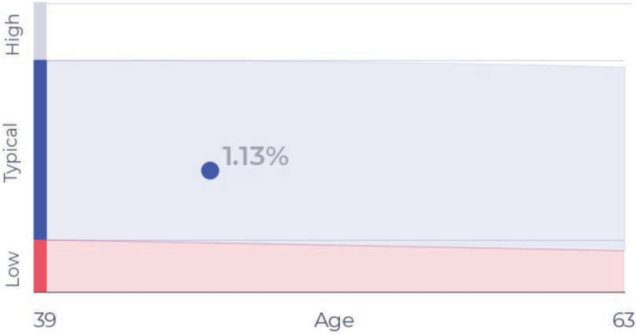


Right

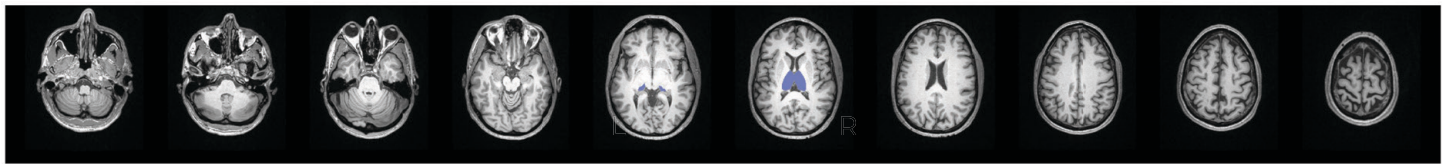


Thalamus

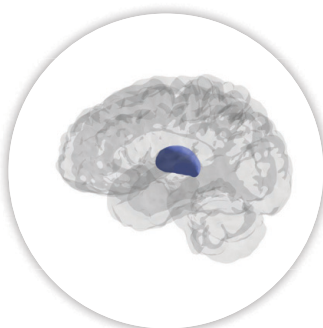
Volume: In the **typical** range for men your age



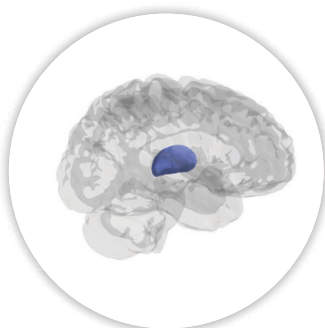
Axial slices



Left



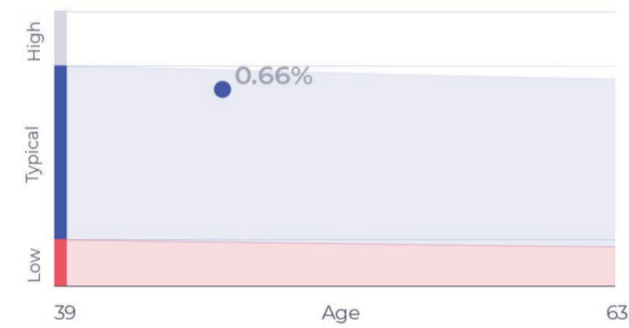
Right



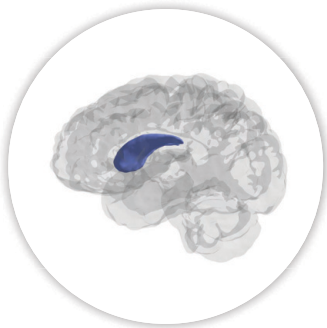


Caudate Nucleus

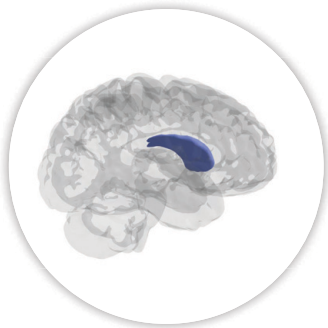
Volume: In the atypical range for men your age



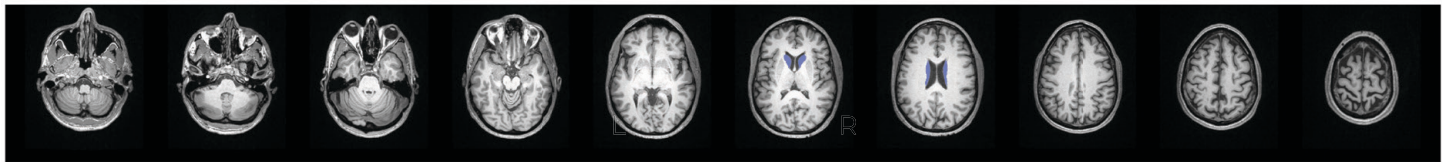
Left



Right

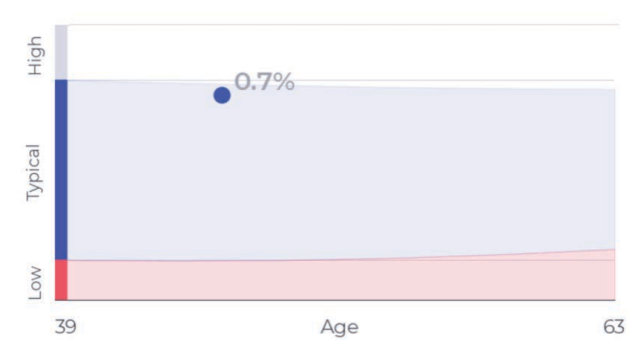


Axial slices

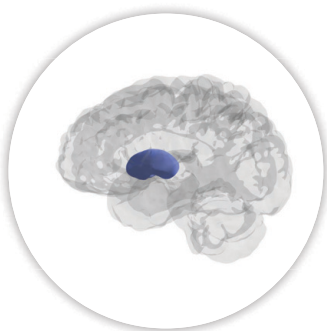


Putamen

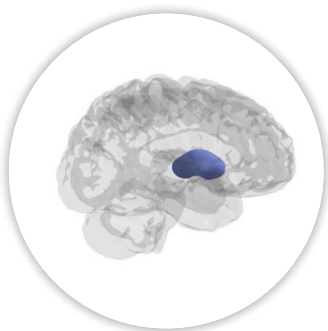
Volume: In the typical range for men your age



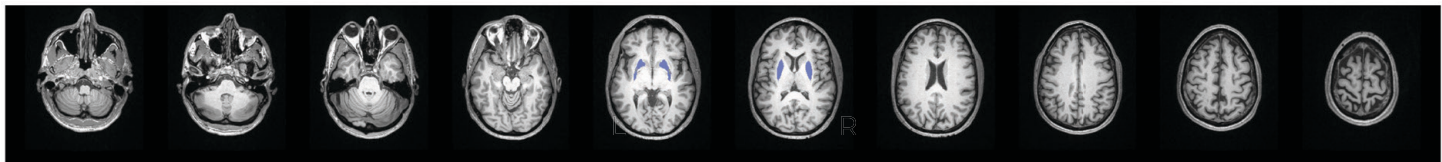
Left



Right



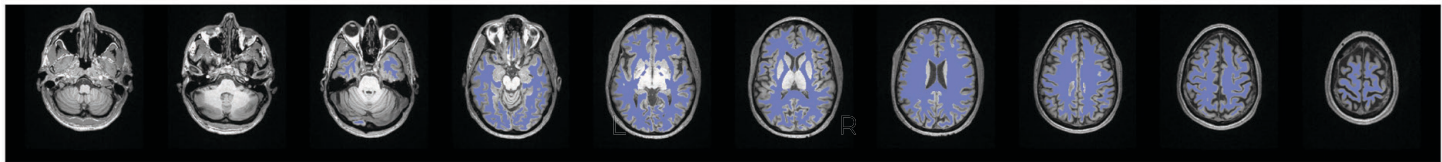
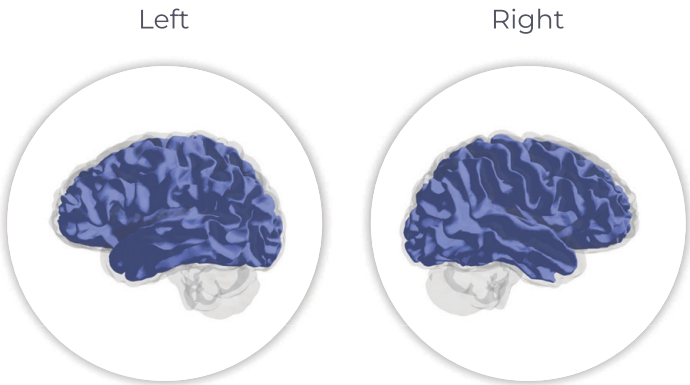
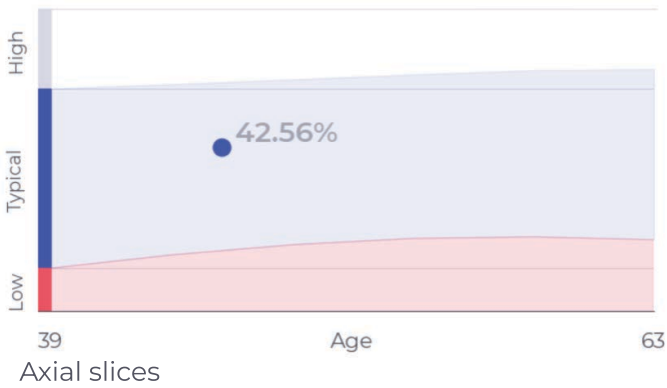
Axial slices





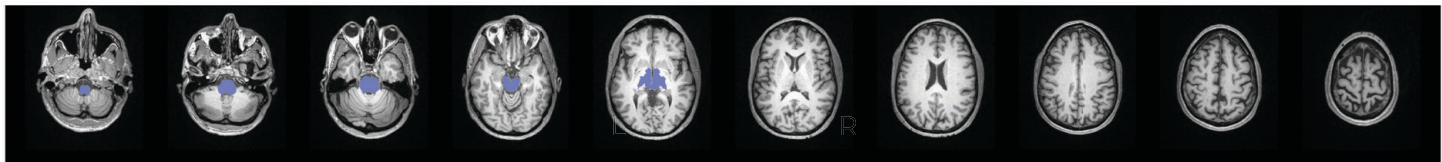
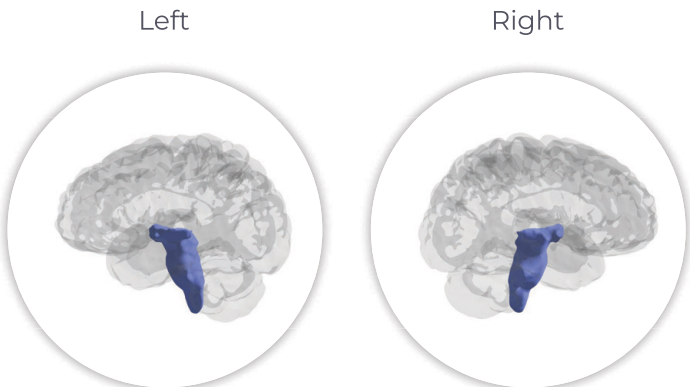
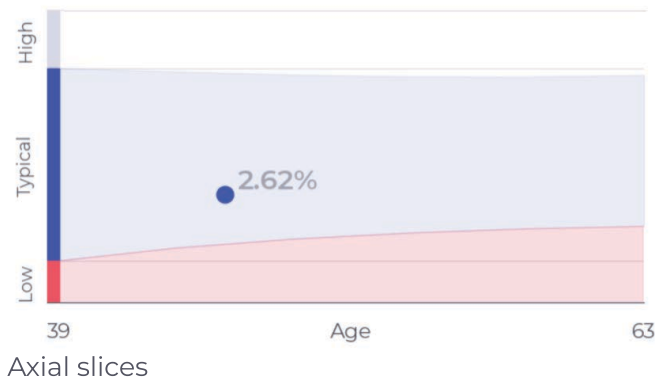
White Matter

Volume: In the atypical range for men your age



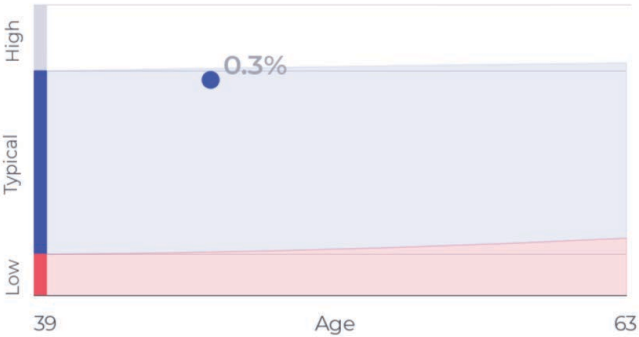
Brainstem

Volume: In the typical range for men your age

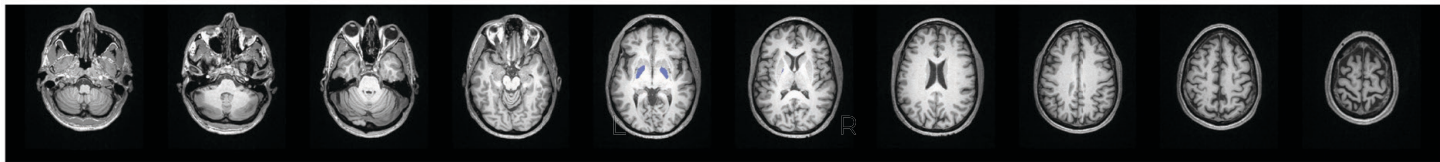


Globus Pallidum

Volume: In the atypical range for men your age

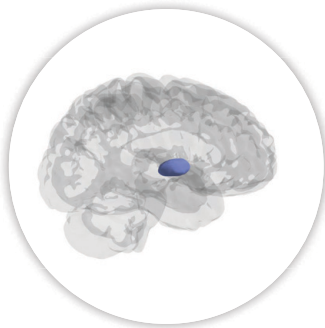
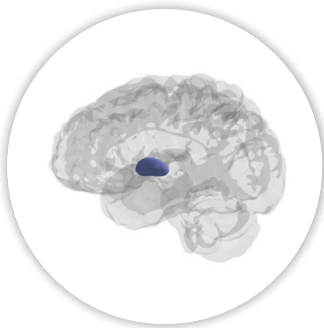


Axial slices



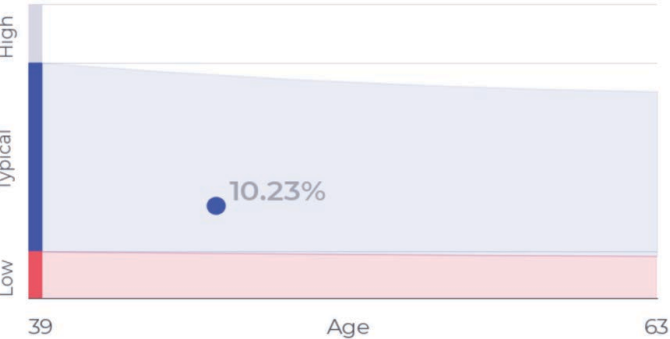
Left

Right

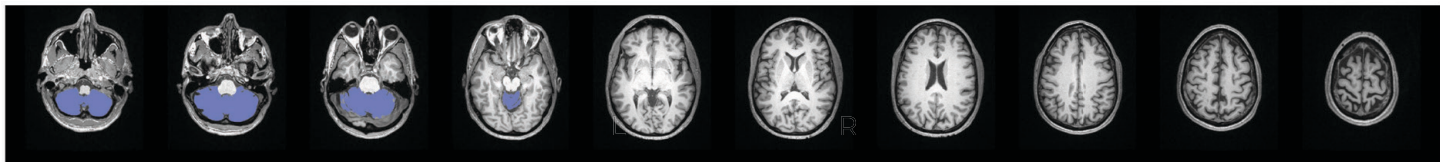


Cerebellum

Volume: In the typical range for men your age



Axial slices



Left

Right

