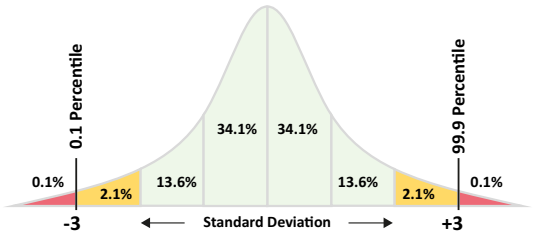
AIRAscore structure

Report-ID: RWQ 8QI 1M7

AIRAmed
artificial intelligence in radiology

Person:	AIRAmed Demo Alzheimer (f), born Jan 01, 1853 (68 yr)
Evaluation:	Mar 19, 2026, 02:23 PM (+01:00 UTC), Software Version 3.0.1
Acquisition:	**Jan 01, 1921**, 12:40 PM
T1 Data:	7, dzne_MPRAGE_1iso, sagittal, 1.0 × 1.0 × 1.0 mm³, TR: 2500.0 ms, TE: 4.37 ms, TI: 1100.0 ms, FA: 7.0°, SIEMENS, Prisma_fit, 3.0 T



	Absolute Volume in ml	Relative Volume in %TIV	(Percentile)	
Tissue Type				
Total Brain Volume	1010.6	69.8	(8.8)	(985.3 - 1125.0)#
Gray Matter (GM)	576.0	39.8	(33.4)	(536 - 627.6)#
GM **Cerebrum (L)**	219.0	15.1	(50.1)	(198.8 - 237.6)#
GM **Cerebrum (R)**	211.0	14.6	(19.4)	199.2 - 238.2)#
White Matter (WM)	434.6	30.0	(3.6)	(430.5 - 528.8)#
WM T1 Hypointensities (White Matter Lesions, Perivascular Spaces)	2.69	0.19		
Infratentorial				
Midbrain	5.8	0.4	(33.3)	(3 - 6.6)#
Pons	15.0	1.0	(61.4)	(12.4 - 1 2)#
Midbrain / Pons	0.39†		(20.9)	0.40 - 0.50)#
Total Cerebellum	133.7	9.2	(72.9)	(112.1 - 146)#
GM **Cerebellum (L)**	55.2	3.8	(78.5)	(45.2 - 60.0)
GM **Cerebellum (R)**	54.7	3.8	(66.5)	(45.9 - 6)#

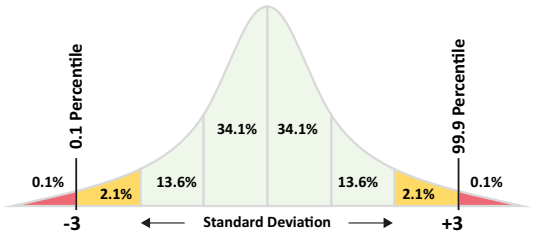
Normal range in ml is adapted for head size, age and gender

† Without unit

⚠ This report must be checked for plausibility and correctness by a qualified physician.

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Person: AIRAmed Demo Alzheimer (f), born Jan 01, 1853 (68 yr)
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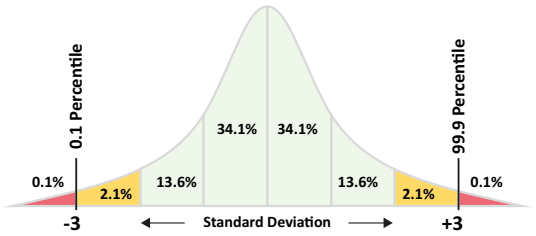
AIRAmed
artificial intelligence in radiology



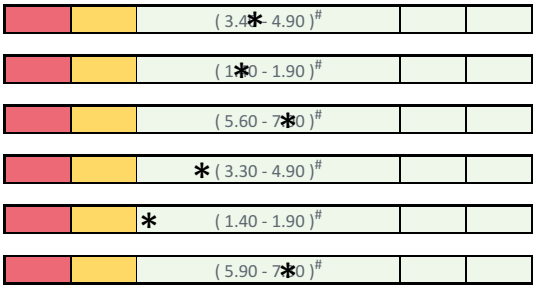
	Absolute Volume in ml	Relative Volume in %TIV	(Percentile)	
Ventricles				
Lateral Ventricle (L)	19.0	1.3	(85.8)	(6.1 - 26.9)#
Lateral Ventricle (R)	18.6	1.3	(89.5)	(5.7 - 24.4)#
3rd Ventricle	1.42	0.10	(67.1)	(0.70 - 2.[illegible])#
4th Ventricle	1.59	0.11	(44.3)	(1.00 - 2.60)#
Brain Lobes (GM)				
Frontal (L)	79.3	5.5	(75.4)	(68.0 - 84.8)#
Parietal (L)	50.9	3.5	(69.5)	(42.9 - 55.[illegible])#
Occipital (L)	23.3	1.6	(53.4)	(18.9 - [illegible]7.7)#
Temporal (L)	47.4	3.3	(15.9)	(44.3 - 55.9)#
Insula (L)	6.8	0.5	(37.7)	(6[illegible] - 8.0)#
Frontal (R)	77.3	5.3	(61.5)	(67.6 - 8[illegible]3)#
Parietal (R)	49.0	3.4	(36.7)	(4[illegible] - 56.3)#
Occipital (R)	25.6	1.8	(67.1)	(20.1 - 29[illegible])#
Temporal (R)	41.3	2.9	(0.2)	(44.1 - 55.1)#
Insula (R)	6.8	0.5	(46.7)	(5.9[illegible]7.8)#
Limbic Structures				
Hippocampus (L)	2.71	0.19	(0.8)	(2.80 - 3.80)#
Amygdala (L)	1.25	0.09	(0.6)	(1.30 - 1.80)#
Hippocampus (R)	2.78	0.19	(0.7)	(2.90 - 3.90)#
Amygdala (R)	1.34	0.09	(0.9)	(1.40 - 1.90)#

Normal range in ml is adapted for head size, age and gender

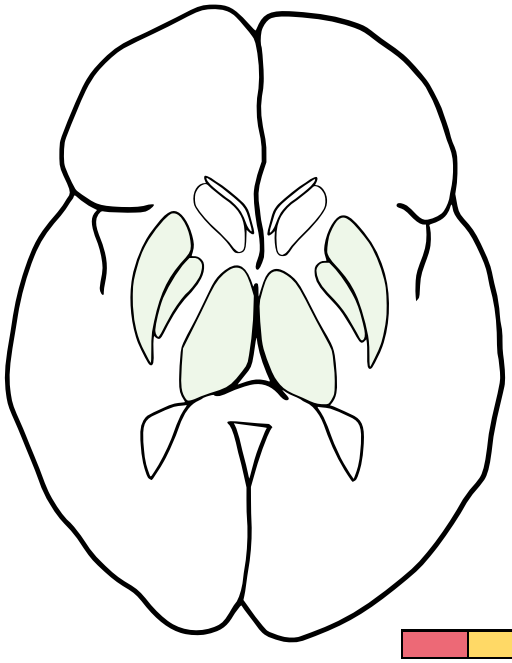
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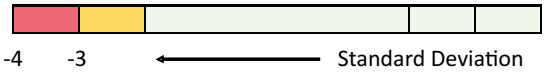
	Absolute Volume in ml	Relative Volume in %TIV (Percentile)	
Deep Gray Matter			
Putamen (L)	4.07	0.28	(42.5)
Pallidum (L)	1.58	0.11	(32.7)
Thalamus (L)	6.35	0.44	(63.4)
Putamen (R)	3.69	0.26	(17.1)
Pallidum (R)	1.41	0.10	(3.3)
Thalamus (R)	6.67	0.46	(61.5)



Schematic Overview

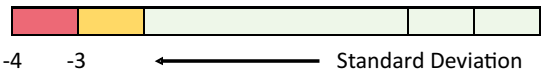


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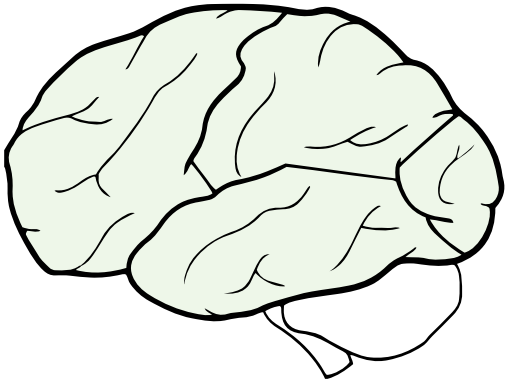


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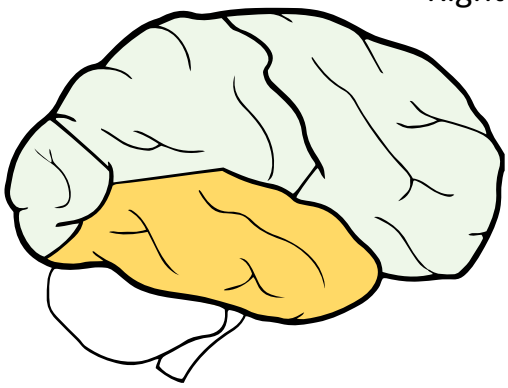
Schematic Overview



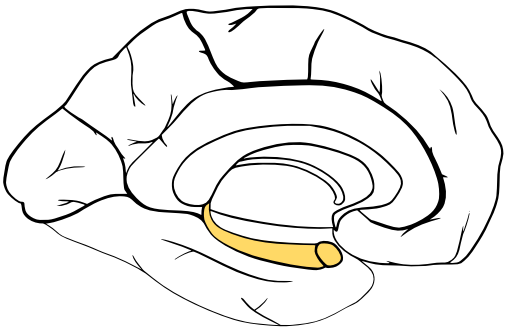
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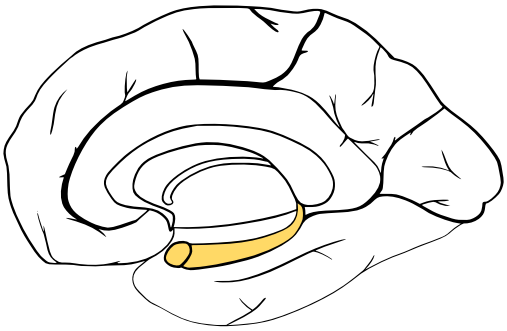
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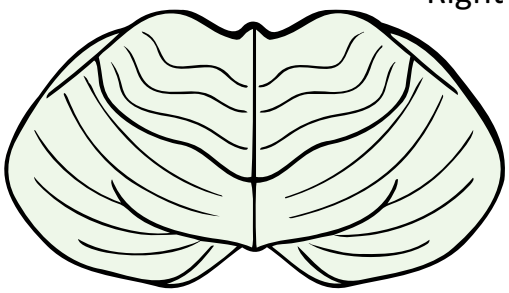
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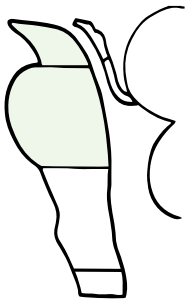


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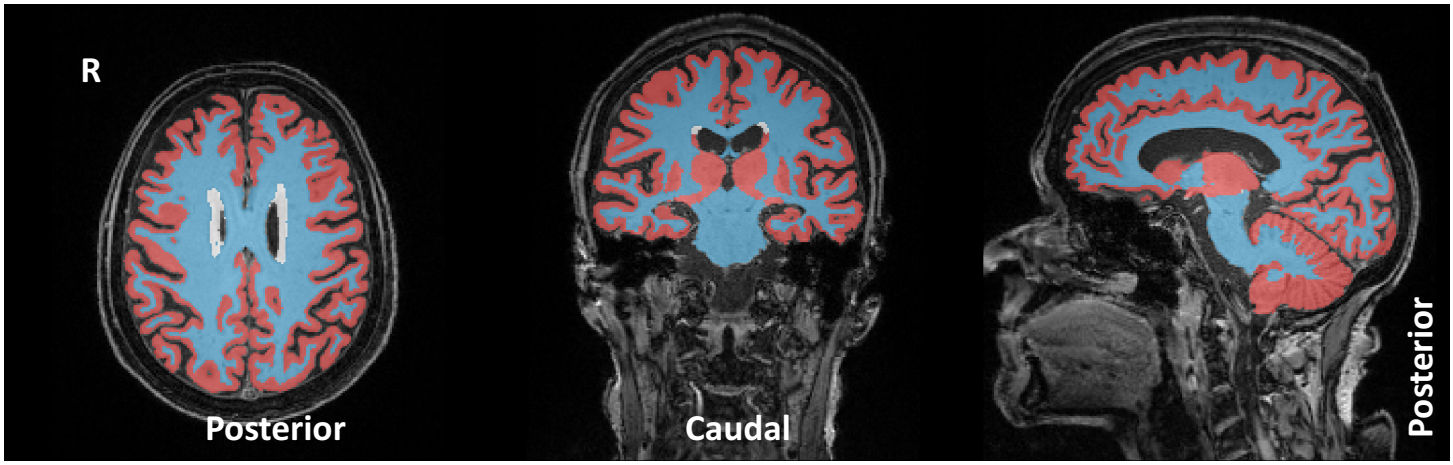




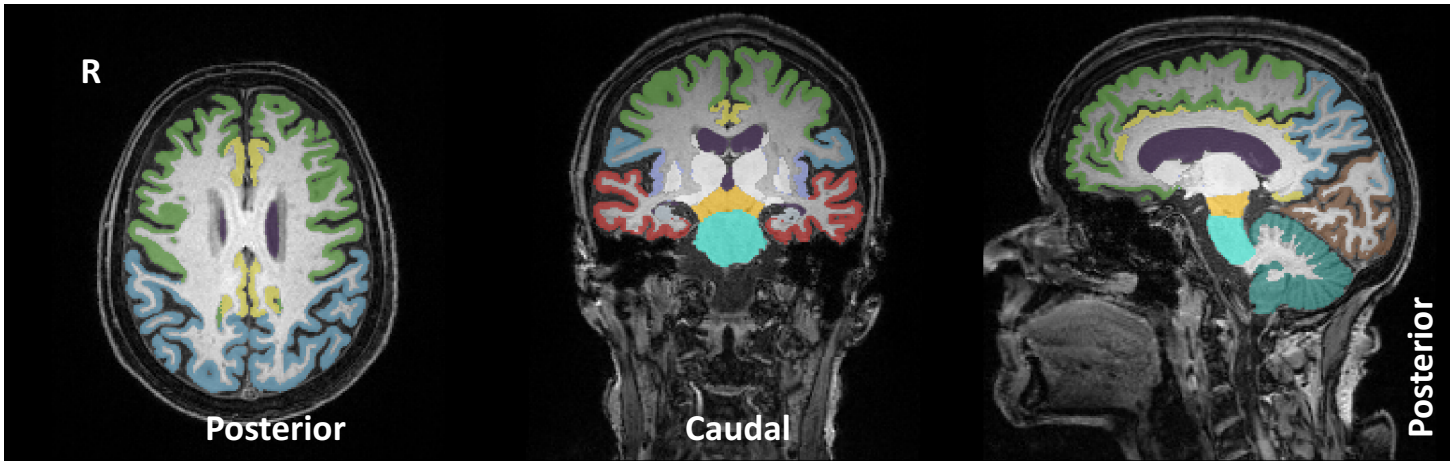
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Standardized Slices for Validation

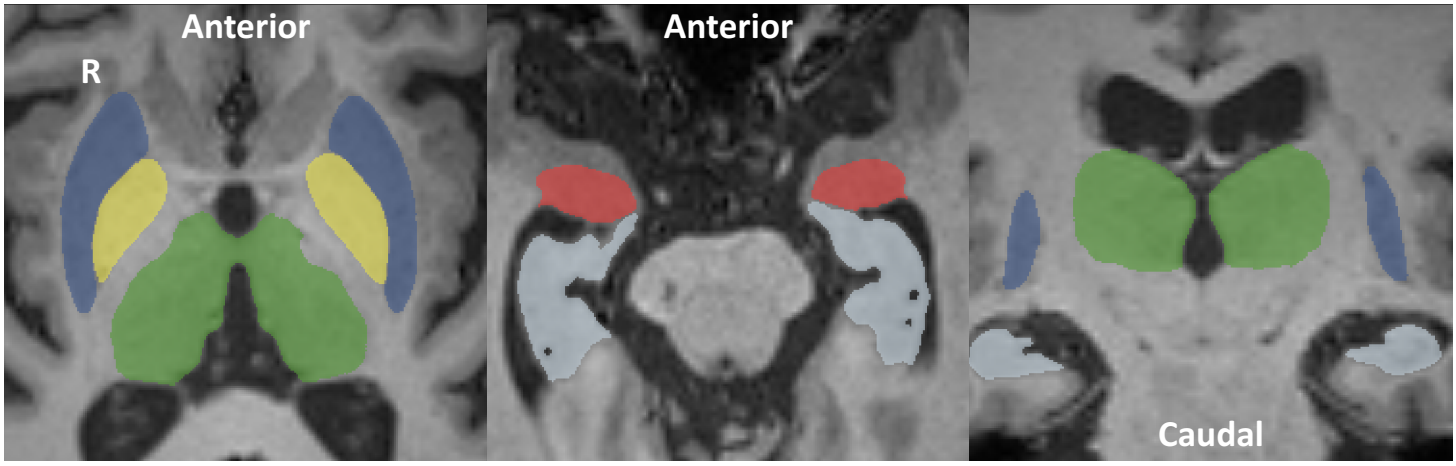
Tissue classes coregistered to the original T1 image



Anatomical structures coregistered to the original T1 image



Deep gray matter structures coregistered to the original T1 image



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MD AIRAscore

LOT v3.0.1

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2026-03-18

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