

SUPPLEMENTARY TABLE 1 Volumetric brain analysis.

Tissue type		Volume ($cm^3/\%$)		Image information		
White Matter (WM)	554.66 (39.52%)	[31.95- 44.17]		Orientation	radiological	
Grey Matter (GM)	683.35 (48.69%)	[40.96-52.24]		Scale factor	0.77	
Cerebro Spinal Fluid (CSF)	165.53 (11.79%)	[10.03- 20.64]		SNR	39.76	
Brain (WM + GM)	1238.01 (88.21%)	[79.36- 89.97]				
Intracranial Cavity (IC)	1403.55 (100.00%)					
Structure						
Cerebrum	Total ($cm^3/\%$)	Right ($cm^3/\%$)		Left ($cm^3/\%$)	Asym.(%)	
	1081.15 (77.03%)	539.46 (38.44%)		541.69 (38.59%)	-0.4131	
	[68.52 - 78.61]	[34.27 - 39.46]		[34.21 - 39.19]	[-1.24 - 2.15]	
	GM	WM	GM	WM	GM	WM
	583.73	497.43	292.36	247.10	291.37	250.33
	(41.59%)	(35.44%)	(20.83%)	(17.61%)	(20.76%)	(17.84%)
	[34.55- 44.06]	[28.87-39.65]	[17.28- 22.06]	[14.44- 19.95]	[17.25-22.01]	[14.41- 19.72]
Cerebellum	Total ($cm^3/\%$)	Right ($cm^3/\%$)		Left ($cm^3/\%$)	Asym.(%)	
	133.44 (9.51%)	66.23 (4.72%)		67.21 (4.79%)	-1.4680	
	[8.11- 10.66]	[4.02- 5.35]		[4.06- 5.33]	[-5.17- 4.62]	
	GM	WM	GM	WM	GM	WM
	93.25	40.19	44.88	21.35	48.37	18.84
	(6.64%)	(2.86%)	(3.20%)	(1.52%)	(3.45%)	(1.34%)
	[5.64- 8.30]	[1.56- 3.26]	[2.76- 4.13]	[0.79- 1.69]	[2.87- 4.19]	[0.76-1.58]
Brainstem	Total ($cm^3/\%$)					
	23.50 (1.67%) [1.47 - 1.97]					
Structure	Total ($cm^3/\%$)	Right ($cm^3/\%$)	Left ($cm^3/\%$)	Asymmetry (%)		
Lateral ventricles	16.94 (1.21%)	6.31 (0.45%)	10.63 (0.76%)	-50.9779		
	[0.01-2.44]	[0.00-1.23]	[0.01- 1.26]	[-68.9071-54.97]		
Caudate	7.61 (0.54%)	3.94 (0.28%)	3.67 (0.26%)	6.9871		
	[0.37-0.56]	[0.19- 0.28]	[0.18-0.28]	[-5.3096-9.65]		
Putamen	7.34 (0.52%)	3.71 (0.26%)	3.63 (0.26%)	2.2213		
	[0.44-0.65]	[0.22-0.32]	[0.22-0.33]	[-7.5205- 4.99]		
Thalamus	10.16 (0.72%)	5.09 (0.36%)	5.07 (0.36%)	0.4994		
	[0.64-0.85]	[0.32-0.42]	[0.32-0.43]	[-8.8083-5.47]		
Globus Pallidus	2.08 (0.15%)	1.01 (0.07%)	1.07 (0.08%)	-6.5755		
	[0.13-0.20]	[0.06-0.10]	[0.06-0.10]	[-11.4260- 13.27]		
Hippocampus	8.14 (0.58%)	3.99 (0.28%)	4.15 (0.30%)	-3.9290		
	[0.46-0.65]	[0.23-0.33]	[0.23-0.32]	[-8.9401- 13.08]		
Amygdala	1.20 (0.08%)	0.72 (0.05%)	0.48 (0.03%)	39.5900		
	[0.09-0.14]	[0.04-0.07]	[0.05- 0.07]	[-16.4169- 18.62]		
Accumbens	0.60 (0.04%)	0.29 (0.02%)	0.31 (0.02%)	-8.9400		
	[0.03- 0.06]	[0.01-0.03]	[0.01- 0.03]	[-40.4389-12.99]		

* Normalization according to normal matched control to sex and age. The significant differences are marked with red color.

* All the volumes are presented in absolute value (measured in cm^3) and in relative value (measured in relation to the ICV).

* The Asymmetry Index is calculated as the difference between right and left volumes divided by their mean (in percent).

* Expected lower and upper bounds (95%) of normalized volume in function of sex and age for each measure are provided (between brackets) for reference purpose.