

# volBrain Volumetry Report. version 1.0 release 04-03-2015

Patient ID	Sex	Age	Report Date
job79885	UNKNOWN	UNKNOWN	16-Apr-2018

Image Information	
Orientation	radiological
Scale factor	0.81
SNR	23.97

Tissue type	Volume (cm <sup>3</sup> /%)
White Matter (WM)	532.87 (35.40%)
Grey Matter (GM)	794.97 (52.81%)
Cerebro Spinal Fluid (CSF)	177.61 (11.80%)
Brain (WM + GM)	1327.84 (88.20%)
Intracranial Cavity (IC)	1505.45 (100.00%)

Structure				
Cerebrum	Total (cm <sup>3</sup> /%)	Right (cm <sup>3</sup> /%)	Left (cm <sup>3</sup> /%)	Asym.(%)
	1144.41 (76.02%)	571.91 (37.99%)	572.49 (38.03%)	-0.1007

GM	WM	GM	WM	GM	WM
672.90	471.51	335.13	236.79	337.77	234.72
(44.70%)	(31.32%)	(22.26%)	(15.73%)	(22.44%)	(15.59%)

Cerebellum	Total (cm <sup>3</sup> /%)	Right (cm <sup>3</sup> /%)	Left (cm <sup>3</sup> /%)	Asym.(%)
	157.91 (10.49%)	78.56 ( 5.22%)	79.35 ( 5.27%)	-0.9987

GM	WM	GM	WM	GM	WM
118.72	39.19	58.00	20.56	60.72	18.63
( 7.89%)	( 2.60%)	( 3.85%)	( 1.37%)	( 4.03%)	( 1.24%)

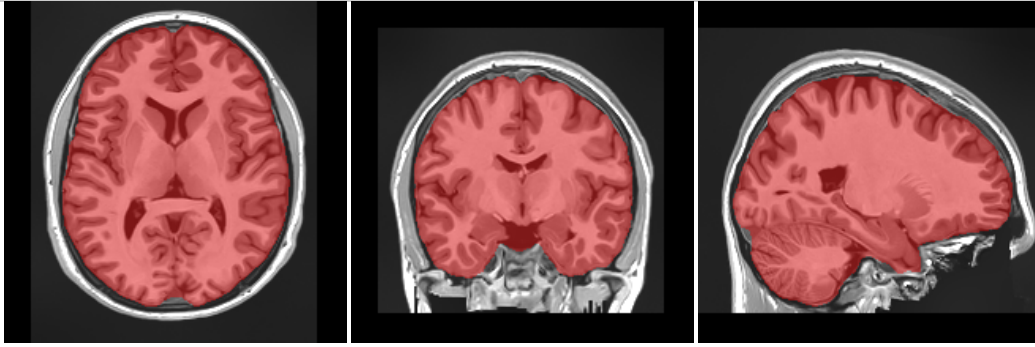
Brainstem	Total (cm <sup>3</sup> /%)
	25.53 ( 1.70%)

Structure	Total (cm <sup>3</sup> /%)	Right (cm <sup>3</sup> /%)	Left (cm <sup>3</sup> /%)	Asymmetry (%)
Lateral ventricles	14.61 ( 0.97%)	6.21 ( 0.41%)	8.41 ( 0.56%)	-30.1303
Caudate	8.17 ( 0.54%)	4.10 ( 0.27%)	4.06 ( 0.27%)	0.9883
Putamen	9.36 ( 0.62%)	4.68 ( 0.31%)	4.68 ( 0.31%)	-0.0517
Thalamus	13.52 ( 0.90%)	6.71 ( 0.45%)	6.81 ( 0.45%)	-1.5757
Globus Pallidus	2.78 ( 0.18%)	1.39 ( 0.09%)	1.39 ( 0.09%)	0.4643
Hippocampus	7.31 ( 0.49%)	3.73 ( 0.25%)	3.59 ( 0.24%)	3.7736
Amygdala	1.96 ( 0.13%)	1.03 ( 0.07%)	0.93 ( 0.06%)	9.5710
Accumbens	0.82 ( 0.05%)	0.38 ( 0.03%)	0.44 ( 0.03%)	-14.7783

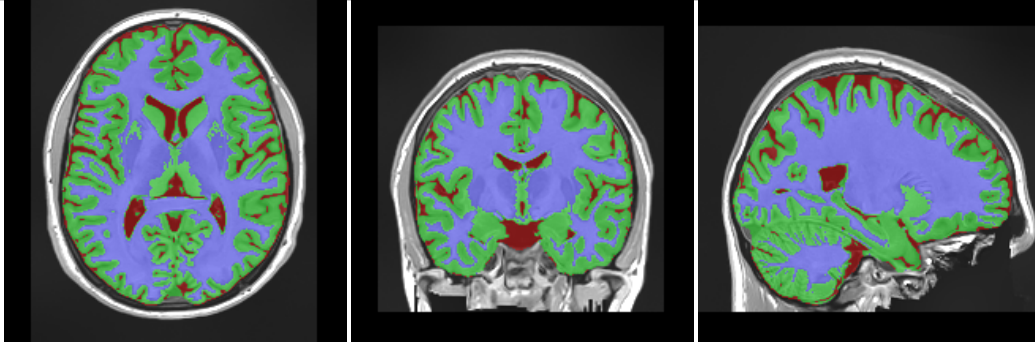
*\*All the volumes are presented in absolute value (measured in cm<sup>3</sup>) and in relative value (measured in relation to the ICV).*

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

### Intracranial cavity extraction



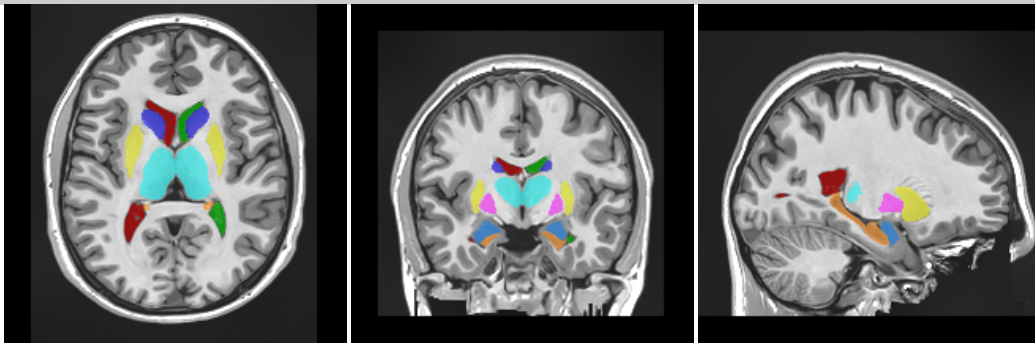
### Tissue classification



### Macrostructures



### Subcortical structures



*\*All the result images are located in the MNI space (neurological orientation, i.e. right is right).*