CERES Volumetry Report. version 1.0 release 11-11-2021

Patient ID	Sex	Age	Report Date
job373715	UNKNOWN	UNKNOWN	15-Feb-2022

Image Information

Orientation	radiological
Scale factor	0.65
SNR	12.50
Total intracranial volume (cm^3)	1192.01

Volumes	Total (cm^3/%)	Right (cm^3/%)	Left (cm^3/%)	Asym.(%)
Cerebellum	115.56 (9.6945)	56.82 (4.7671)	58.74 (4.9274)	-3.3063
Lobule I-II	0.10 (0.0081)	0.04 (0.0035)	0.06 (0.0046)	-28.1879
Lobule III	1.56 (0.1309)	0.79 (0.0663)	0.77 (0.0646)	2.6689
Lobule IV	4.74 (0.3979)	2.40 (0.2017)	2.34 (0.1962)	2.7721
Lobule V	6.77 (0.5682)	3.40 (0.2848)	3.38 (0.2834)	0.4997
Lobule VI	15.91 (1.3350)	7.27 (0.6100)	8.64 (0.7250)	-17.2284
Lobule Crus I	23.76 (1.9934)	11.79 (0.9892)	11.97 (1.0042)	-1.5066
Lobule Crus II	14.93 (1.2526)	7.83 (0.6565)	7.11 (0.5961)	9.6425
Lobule VIIB	8.00 (0.6712)	3.92 (0.3287)	4.08 (0.3425)	-4.1328
Lobule VIIIA	9.90 (0.8303)	4.79 (0.4016)	5.11 (0.4287)	-6.5373
Lobule VIIIB	7.03 (0.5895)	3.44 (0.2882)	3.59 (0.3013)	-4.4280
Lobule IX	6.74 (0.5653)	3.25 (0.2729)	3.49 (0.2925)	-6.9352
Lobule X	0.97 (0.0817)	0.44 (0.0370)	0.53 (0.0447)	-18.8377

Grey matter vol.	Total (cm^3/%)	Right (cm^3/%)	Left (cm^3/%)	Asym.(%)
Cerebellum	86.43 (7.2507)	42.13 (3.5340)	44.30 (3.7167)	-5.0412
Lobule I-II	0.06 (0.0048)	0.03 (0.0023)	0.03 (0.0024)	-3.5318
Lobule III	1.02 (0.0858)	0.49 (0.0412)	0.53 (0.0446)	-12.1187
Lobule IV	3.87 (0.3247)	1.97 (0.1655)	1.90 (0.1592)	5.9945
Lobule V	5.60 (0.4701)	2.75 (0.2305)	2.86 (0.2396)	-5.8891
Lobule VI	13.99 (1.1738)	6.31 (0.5293)	7.68 (0.6445)	-30.1607
Lobule Crus I	20.56 (1.7244)	10.14 (0.8506)	10.42 (0.8738)	-4.1449
Lobule Crus II	13.39 (1.1237)	6.91 (0.5799)	6.48 (0.5438)	9.8849
Lobule VIIB	7.41 (0.6216)	3.67 (0.3076)	3.74 (0.3139)	-3.1043
Lobule VIIIA	8.51 (0.7142)	3.98 (0.3342)	4.53 (0.3799)	-19.6638
Lobule VIIIB	5.72 (0.4800)	2.79 (0.2345)	2.93 (0.2455)	-7.0612
Lobule IX	5.13 (0.4300)	2.58 (0.2162)	2.55 (0.2137)	1.7951
Lobule X	0.83 (0.0695)	0.36 (0.0302)	0.47 (0.0393)	-40.3093

**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).*

**Cortical thickness is given in absolute value (mm) and also normalized in relation to the cube root of the intracranial volume (adimensional).*

**Result images located in the MNI space (neurological orientation).*

Cortical thickness	**Mean** (*mm*/*norm.*)	**Right** (*mm*/*norm.*)	**Left** (*mm*/*norm.*)	**Asym.(%)**
Cerebellum	4.58 (4.322)	4.54 (4.284)	4.62 (4.360)	-1.7580
Lobule I-II	0.97 (0.912)	0.87 (0.822)	1.04 (0.977)	-16.9603
Lobule III	2.65 (2.495)	2.40 (2.264)	2.86 (2.702)	-17.5592
Lobule IV	4.52 (4.259)	4.50 (4.240)	4.54 (4.278)	-0.8843
Lobule V	4.51 (4.249)	4.39 (4.142)	4.61 (4.352)	-4.9303
Lobule VI	4.84 (4.563)	4.73 (4.465)	4.92 (4.644)	-3.9292
Lobule Crus I	4.56 (4.297)	4.54 (4.283)	4.57 (4.311)	-0.6688
Lobule Crus II	4.77 (4.503)	4.68 (4.410)	4.88 (4.604)	-4.3197
Lobule VIIB	5.03 (4.742)	5.01 (4.729)	5.04 (4.755)	-0.5543
Lobule VIIIA	4.77 (4.495)	4.65 (4.382)	4.88 (4.602)	-4.9036
Lobule VIIIB	4.38 (4.130)	4.38 (4.133)	4.38 (4.127)	0.1545
Lobule IX	3.78 (3.563)	4.10 (3.868)	3.45 (3.254)	17.2308
Lobule X	2.04 (1.923)	1.62 (1.530)	2.38 (2.242)	-37.0739

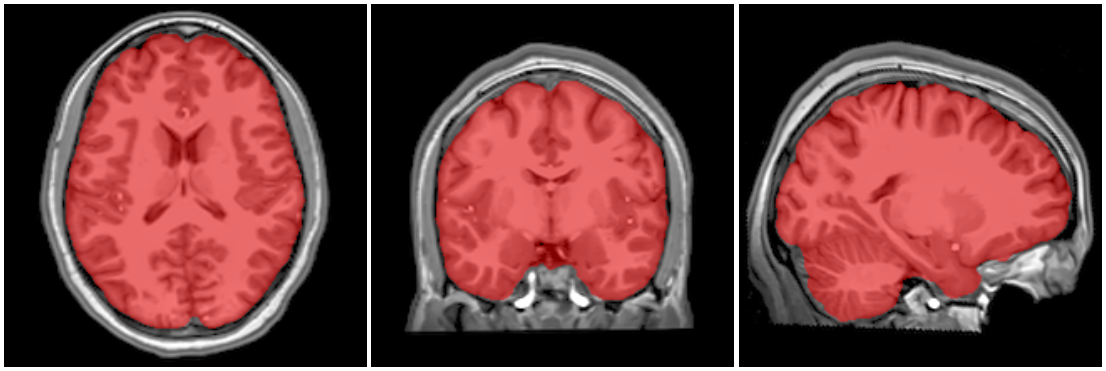
**All the volumes are presented in absolute value (measured in cm^3) and in relative value (measured in relation to the ICV).*

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

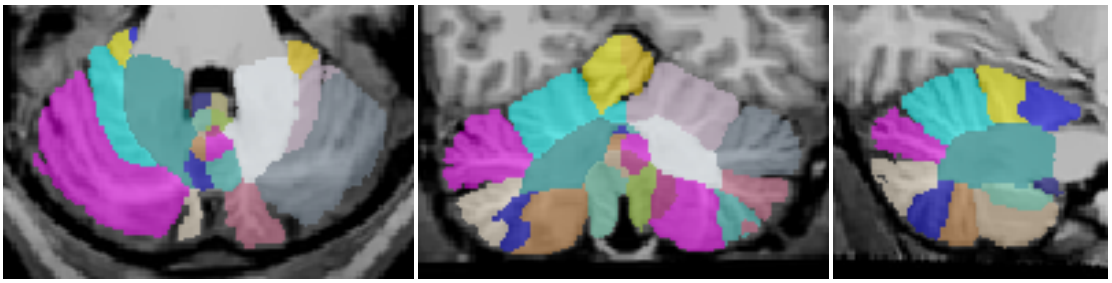
**Cortical thickness is given in absolute value (mm) and also normalized in relation to the cube root of the intracranial volume (adimensional).*

**Result images located in the MNI space (neurological orientation).*

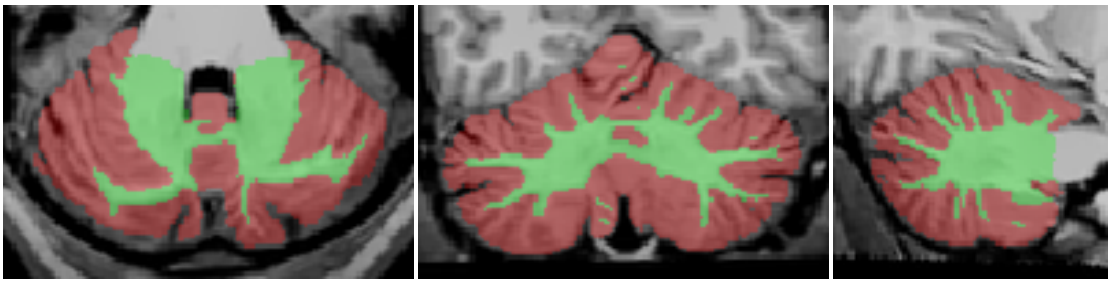
Intracranial cavity extraction



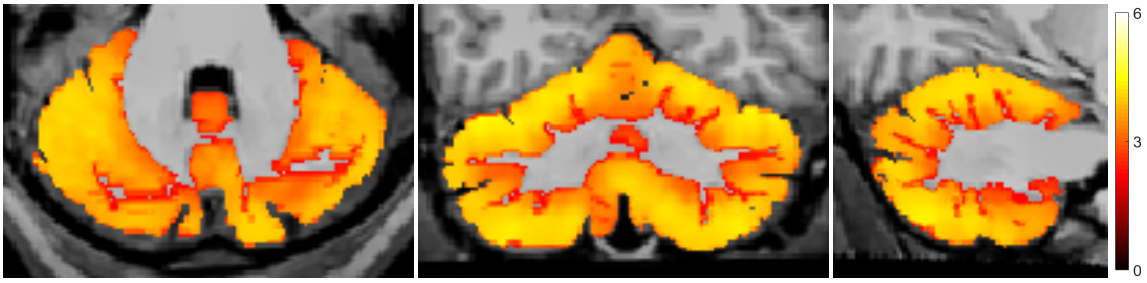
Lobules segmentation



Tissue classification



Cortical thickness



*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).

*Cortical thickness is given in absolute value (mm) and also normalized in relation to the cube root of the intracranial volume (adimensional).

*Result images located in the MNI space (neurological orientation).