CERES volumetry report

version 1.0 release 03-10-2018.

Patient ID	Sex	Age	Report Date
job207615	UNKNOWN	UNKNOWN	22-Feb-2021

Image Information

Orientation	neurological
Scale factor	0.88
SNR	16.16
Total intracranial volume (cm^3)	1626.16

Volumes	Total (cm^3/%)	Right (cm^3/%)	Left (cm^3/%)	Asym.(%)
Cerebellum	151.44 (9.3129)	75.69 (4.6544)	75.75 (4.6584)	-0.0858
Lobule I-II	0.11 (0.0066)	0.06 (0.0034)	0.05 (0.0032)	6.5574
Lobule III	1.56 (0.0957)	0.86 (0.0527)	0.70 (0.0431)	20.0676
Lobule IV	5.81 (0.3574)	2.95 (0.1812)	2.87 (0.1762)	2.7786
Lobule V	10.34 (0.6359)	5.83 (0.3582)	4.52 (0.2777)	25.3225
Lobule VI	19.89 (1.2229)	10.35 (0.6367)	9.53 (0.5862)	8.2613
Lobule Crus I	33.43 (2.0559)	15.07 (0.9268)	18.36 (1.1291)	-19.6824
Lobule Crus II	17.07 (1.0498)	9.14 (0.5618)	7.94 (0.4880)	14.0544
Lobule VIIB	13.49 (0.8295)	6.81 (0.4189)	6.68 (0.4106)	1.9908
Lobule VIIIA	12.83 (0.7891)	6.36 (0.3912)	6.47 (0.3978)	-1.6825
Lobule VIIIB	8.31 (0.5112)	3.92 (0.2411)	4.39 (0.2701)	-11.3598
Lobule IX	9.03 (0.5552)	4.60 (0.2827)	4.43 (0.2725)	3.6547
Lobule X	1.42 (0.0873)	0.72 (0.0446)	0.70 (0.0427)	4.2027

Grey matter vol.	Total (cm^3/%)	Right (cm^3/%)	Left (cm^3/%)	Asym.(%)
Cerebellum	109.49 (6.7333)	55.06 (3.3861)	54.43 (3.3471)	1.1574
Lobule I-II	0.06 (0.0039)	0.03 (0.0021)	0.03 (0.0018)	12.6609
Lobule III	1.14 (0.0698)	0.65 (0.0400)	0.49 (0.0298)	33.1102
Lobule IV	4.88 (0.2999)	2.45 (0.1507)	2.43 (0.1492)	1.1073
Lobule V	8.73 (0.5371)	4.99 (0.3067)	3.75 (0.2304)	32.3800
Lobule VI	18.19 (1.1187)	9.60 (0.5902)	8.59 (0.5285)	12.5663
Lobule Crus I	27.95 (1.7186)	12.40 (0.7622)	15.55 (0.9564)	-25.7481
Lobule Crus II	13.67 (0.8408)	7.42 (0.4561)	6.26 (0.3847)	19.3535
Lobule VIIB	10.42 (0.6410)	5.36 (0.3297)	5.06 (0.3113)	6.5618
Lobule VIIIA	10.00 (0.6149)	5.06 (0.3109)	4.94 (0.3040)	2.5602
Lobule VIIIB	6.08 (0.3737)	2.93 (0.1803)	3.14 (0.1934)	-7.9652
Lobule IX	6.53 (0.4016)	3.30 (0.2028)	3.23 (0.1988)	2.2661
Lobule X	1.31 (0.0806)	0.66 (0.0404)	0.65 (0.0402)	0.7632

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	4.17 (3.546)	4.21 (3.582)	4.13 (3.510)	-2.0108
Lobule I-II	1.70 (1.449)	1.68 (1.429)	1.74 (1.476)	3.2066
Lobule III	3.33 (2.829)	3.39 (2.881)	3.24 (2.757)	-4.3644
Lobule IV	4.60 (3.915)	4.70 (3.996)	4.51 (3.833)	-4.1709
Lobule V	4.79 (4.071)	4.82 (4.101)	4.74 (4.031)	-1.7352
Lobule VI	4.98 (4.231)	5.01 (4.256)	4.94 (4.203)	-1.2531
Lobule Crus I	4.39 (3.730)	4.23 (3.594)	4.52 (3.841)	6.6367
Lobule Crus II	3.61 (3.066)	3.83 (3.257)	3.34 (2.842)	-13.5467
Lobule VIIB	4.01 (3.408)	4.23 (3.594)	3.78 (3.214)	-11.1419
Lobule VIIIA	3.79 (3.223)	3.93 (3.340)	3.65 (3.105)	-7.3197
Lobule VIIIB	3.26 (2.773)	3.24 (2.759)	3.28 (2.786)	0.9541
Lobule IX	3.32 (2.822)	3.32 (2.823)	3.32 (2.820)	-0.0997
Lobule X	2.41 (2.049)	2.32 (1.973)	2.50 (2.126)	7.4923

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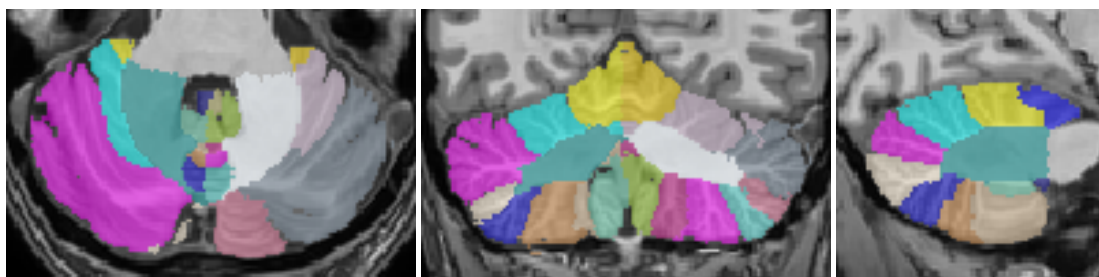
Cortical thickness is given in absolute value (mm) and also normalized in relation to the cube root of the intracranial volume (adimensional).

Result images located in the MNI space (neurological orientation).
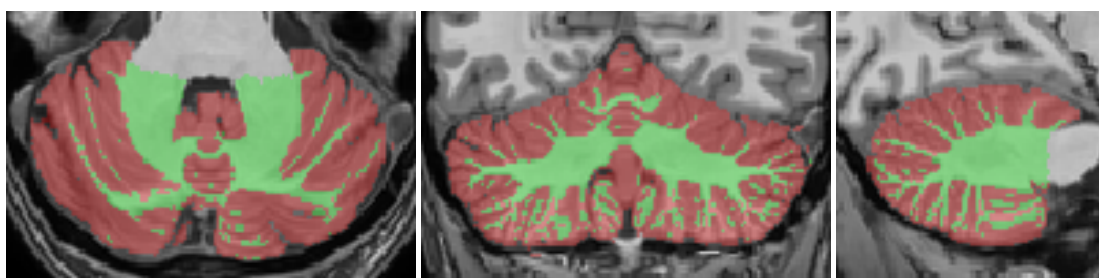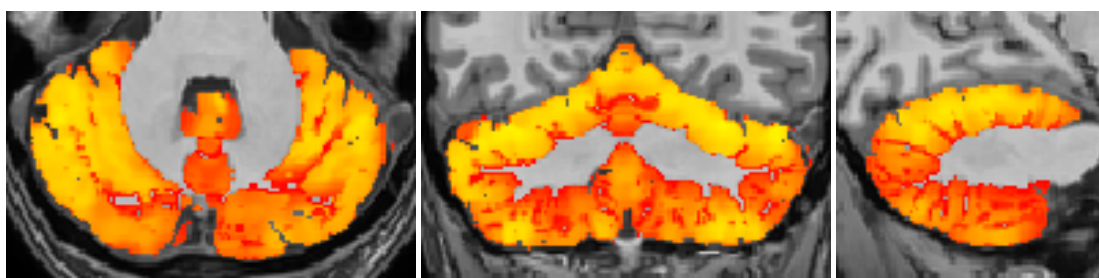
Intracranial cavity extraction
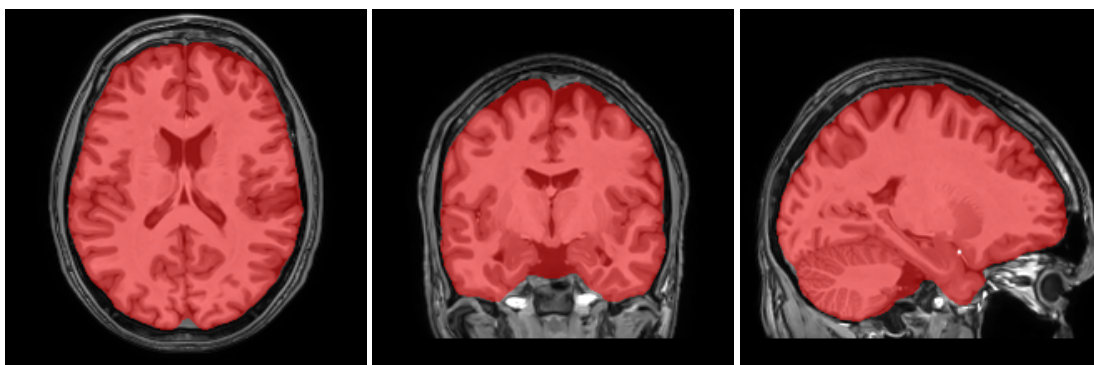
Lobules segmentation

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).