

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

Patient ID	Sex	Age	Report Date
job373887	UNKNOWN	UNKNOWN	16-Feb-2022

Image Information

Orientation	radiological
Scale factor	0.69
SNR	14.88
Total intracranial volume (cm ³)	1310.56

Volumes	Total (cm ³ /%)	Right (cm ³ /%)	Left (cm ³ /%)	Asym.(%)
Cerebellum	143.06 (10.9160)	71.60 (5.4633)	71.46 (5.4527)	0.1948
Lobule I-II	0.08 (0.0064)	0.04 (0.0030)	0.04 (0.0034)	-13.1148
Lobule III	1.39 (0.1059)	0.66 (0.0503)	0.73 (0.0556)	-10.0890
Lobule IV	5.35 (0.4086)	2.71 (0.2070)	2.64 (0.2016)	2.6667
Lobule V	8.58 (0.6545)	4.49 (0.3428)	4.08 (0.3117)	9.5086
Lobule VI	18.22 (1.3902)	8.20 (0.6258)	10.02 (0.7644)	-19.9412
Lobule Crus I	31.20 (2.3804)	16.26 (1.2408)	14.93 (1.1396)	8.5077
Lobule Crus II	21.08 (1.6082)	11.34 (0.8654)	9.73 (0.7428)	15.2573
Lobule VIIIB	10.88 (0.8304)	6.06 (0.4621)	4.83 (0.3683)	22.5839
Lobule VIIIA	10.76 (0.8208)	4.94 (0.3766)	5.82 (0.4442)	-16.4529
Lobule VIIIB	8.39 (0.6405)	3.30 (0.2520)	5.09 (0.3885)	-42.6433
Lobule IX	7.99 (0.6097)	4.12 (0.3141)	3.87 (0.2956)	6.0658
Lobule X	1.18 (0.0903)	0.58 (0.0443)	0.60 (0.0459)	-3.5984

Grey matter vol.	Total (cm ³ /%)	Right (cm ³ /%)	Left (cm ³ /%)	Asym.(%)
Cerebellum	107.49 (8.2017)	53.70 (4.0978)	53.78 (4.1039)	-0.1495
Lobule I-II	0.05 (0.0038)	0.02 (0.0019)	0.02 (0.0019)	0.0000
Lobule III	1.07 (0.0817)	0.51 (0.0388)	0.56 (0.0429)	-14.5660
Lobule IV	4.34 (0.3314)	2.18 (0.1662)	2.17 (0.1652)	0.8289
Lobule V	7.24 (0.5528)	3.65 (0.2783)	3.60 (0.2744)	2.0430
Lobule VI	15.78 (1.2038)	6.93 (0.5284)	8.85 (0.6754)	-35.5832
Lobule Crus I	26.38 (2.0131)	13.88 (1.0593)	12.50 (0.9538)	15.2672
Lobule Crus II	18.59 (1.4183)	9.98 (0.7615)	8.61 (0.6568)	21.4988
Lobule VIIIB	9.57 (0.7300)	5.36 (0.4093)	4.20 (0.3207)	35.3699
Lobule VIIIA	9.39 (0.7166)	4.29 (0.3274)	5.10 (0.3892)	-25.1091
Lobule VIIIB	7.20 (0.5495)	2.92 (0.2225)	4.29 (0.3270)	-55.4089
Lobule IX	6.41 (0.4893)	3.30 (0.2520)	3.11 (0.2374)	8.7013
Lobule X	1.09 (0.0834)	0.53 (0.0407)	0.56 (0.0428)	-7.4979

*All the volumes are presented in absolute value (measured in cm³) 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.(%)
<i>Cerebellum</i>	4.61 (4.209)	4.63 (4.229)	4.58 (4.189)	0.9447
<i>Lobule I-II</i>	1.35 (1.237)	1.35 (1.230)	1.36 (1.243)	-1.0482
<i>Lobule III</i>	3.16 (2.891)	2.97 (2.714)	3.34 (3.051)	-11.6731
<i>Lobule IV</i>	4.78 (4.372)	4.72 (4.317)	4.85 (4.428)	-2.5424
<i>Lobule V</i>	4.74 (4.333)	4.59 (4.191)	4.90 (4.478)	-6.6367
<i>Lobule VI</i>	4.60 (4.200)	4.50 (4.109)	4.67 (4.271)	-3.8520
<i>Lobule Crus I</i>	4.48 (4.098)	4.66 (4.261)	4.29 (3.919)	8.3417
<i>Lobule Crus II</i>	4.68 (4.273)	4.81 (4.394)	4.52 (4.131)	6.1598
<i>Lobule VII B</i>	4.90 (4.482)	4.86 (4.442)	4.96 (4.532)	-2.0080
<i>Lobule VIIIA</i>	4.78 (4.367)	4.67 (4.270)	4.87 (4.448)	-4.0828
<i>Lobule VIIIB</i>	4.93 (4.505)	4.90 (4.478)	4.95 (4.524)	-1.0290
<i>Lobule IX</i>	4.18 (3.822)	4.16 (3.799)	4.21 (3.846)	-1.2313
<i>Lobule X</i>	2.75 (2.511)	2.47 (2.261)	3.01 (2.750)	-19.4709

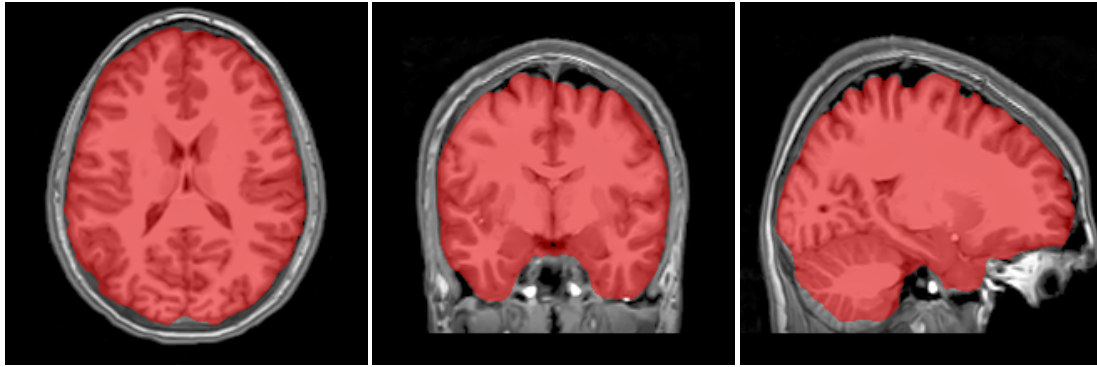
*All the volumes are presented in absolute value (measured in cm^3) and in relative value (measured in relation to the ICV).

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

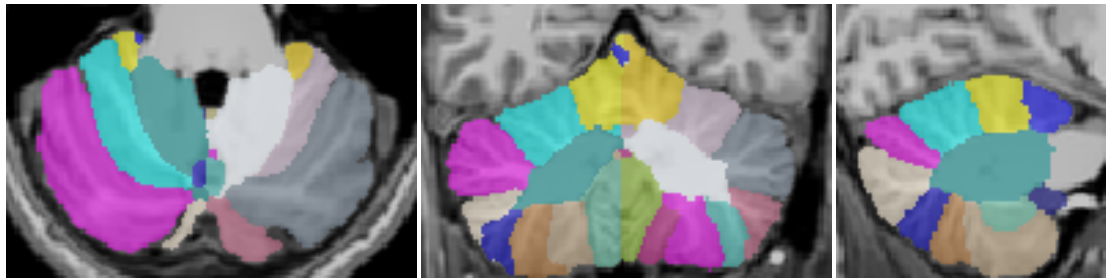
*Cortical thickness is given in absolute value (mm) and also normalized in relation to the cube root of the intracranial volume (adimensional).

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

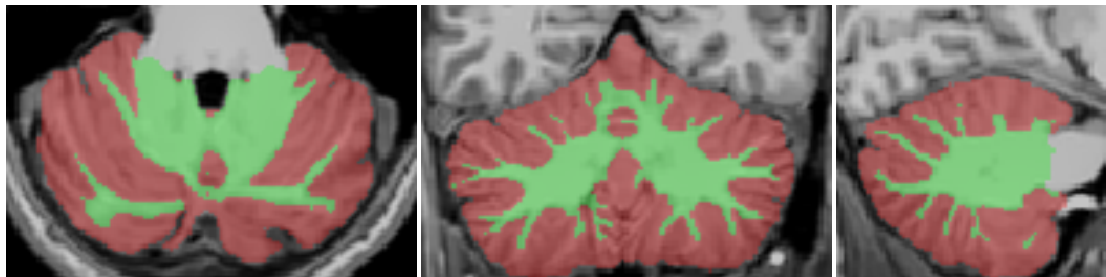
Intracranial cavity extraction



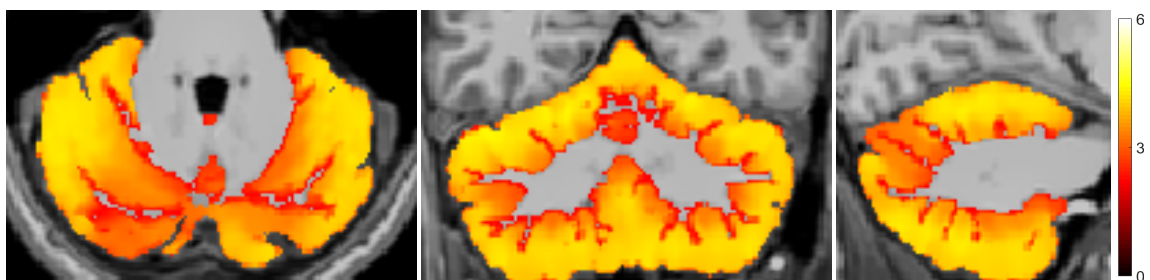
Lobules segmentation



Tissue classification



Cortical thickness



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**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).*