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

Patient ID	**Sex**	**Age**	**Report Date**
job373713	UNKNOWN	UNKNOWN	15-Feb-2022

Image Information	
Orientation	radiological
Scale factor	0.70
SNR	13.41
Total intracranial volume (cm^3)	1311.26

Volumes	**Total** (cm^3/%)	**Right** (cm^3/%)	**Left** (cm^3/%)	**Asym.(%)**
Cerebellum	105.88 (8.0746)	52.89 (4.0339)	52.98 (4.0407)	-0.1690
Lobule I-II	0.11 (0.0086)	0.06 (0.0042)	0.06 (0.0044)	-3.7267
Lobule III	1.27 (0.0969)	0.66 (0.0501)	0.61 (0.0468)	6.8207
Lobule IV	3.62 (0.2761)	1.85 (0.1411)	1.77 (0.1350)	4.4410
Lobule V	6.14 (0.4685)	2.88 (0.2193)	3.27 (0.2491)	-12.7204
Lobule VI	17.14 (1.3075)	8.54 (0.6515)	8.60 (0.6560)	-0.7012
Lobule Crus I	17.75 (1.3537)	8.66 (0.6607)	9.09 (0.6929)	-4.7567
Lobule Crus II	14.78 (1.1269)	7.32 (0.5583)	7.46 (0.5686)	-1.8352
Lobule VIIB	9.37 (0.7148)	5.34 (0.4073)	4.03 (0.3075)	27.9195
Lobule VIIIA	9.95 (0.7591)	4.69 (0.3575)	5.27 (0.4016)	-11.6144
Lobule VIIIB	6.47 (0.4930)	3.33 (0.2539)	3.14 (0.2391)	6.0108
Lobule IX	5.54 (0.4225)	2.79 (0.2128)	2.75 (0.2097)	1.4635
Lobule X	0.92 (0.0703)	0.48 (0.0362)	0.45 (0.0341)	6.2168

Grey matter vol.	**Total** (cm^3/%)	**Right** (cm^3/%)	**Left** (cm^3/%)	**Asym.(%)**
Cerebellum	79.64 (6.0735)	39.62 (3.0213)	40.02 (3.0522)	-1.0163
Lobule I-II	0.05 (0.0036)	0.03 (0.0020)	0.02 (0.0016)	29.8964
Lobule III	0.90 (0.0690)	0.48 (0.0366)	0.42 (0.0324)	17.6910
Lobule IV	3.19 (0.2431)	1.61 (0.1228)	1.58 (0.1203)	2.9487
Lobule V	5.32 (0.4061)	2.46 (0.1878)	2.86 (0.2183)	-21.4858
Lobule VI	15.14 (1.1547)	7.38 (0.5630)	7.76 (0.5918)	-7.1327
Lobule Crus I	14.83 (1.1308)	7.11 (0.5421)	7.72 (0.5886)	-11.7622
Lobule Crus II	12.46 (0.9505)	6.18 (0.4714)	6.28 (0.4791)	-2.3267
Lobule VIIB	8.19 (0.6247)	4.65 (0.3549)	3.54 (0.2697)	39.0440
Lobule VIIIA	8.35 (0.6370)	3.92 (0.2990)	4.43 (0.3380)	-17.5029
Lobule VIIIB	5.41 (0.4125)	2.81 (0.2143)	2.60 (0.1981)	11.2419
Lobule IX	4.71 (0.3589)	2.44 (0.1863)	2.26 (0.1726)	10.9633
Lobule X	0.86 (0.0659)	0.44 (0.0332)	0.43 (0.0327)	2.0819

**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	4.62 (4.222)	4.57 (4.178)	4.67 (4.266)	-2.0852
Lobule I-II	1.23 (1.122)	1.23 (1.125)	1.22 (1.119)	0.5789
Lobule III	3.25 (2.965)	3.33 (3.044)	3.14 (2.867)	5.9718
Lobule IV	4.78 (4.363)	4.77 (4.356)	4.78 (4.371)	-0.3491
Lobule V	4.75 (4.343)	4.63 (4.231)	4.86 (4.439)	-4.7855
Lobule VI	4.88 (4.462)	4.74 (4.333)	5.02 (4.587)	-5.7074
Lobule Crus I	4.48 (4.090)	4.41 (4.031)	4.54 (4.144)	-2.7824
Lobule Crus II	4.52 (4.127)	4.51 (4.120)	4.52 (4.133)	-0.3023
Lobule VIIB	4.81 (4.391)	4.80 (4.382)	4.82 (4.402)	-0.4407
Lobule VIIIA	4.77 (4.355)	4.68 (4.274)	4.85 (4.427)	-3.5281
Lobule VIIIB	4.68 (4.275)	4.72 (4.317)	4.63 (4.229)	2.0428
Lobule IX	4.31 (3.937)	4.43 (4.050)	4.18 (3.816)	5.9261
Lobule X	2.32 (2.119)	2.22 (2.025)	2.43 (2.224)	-9.3546

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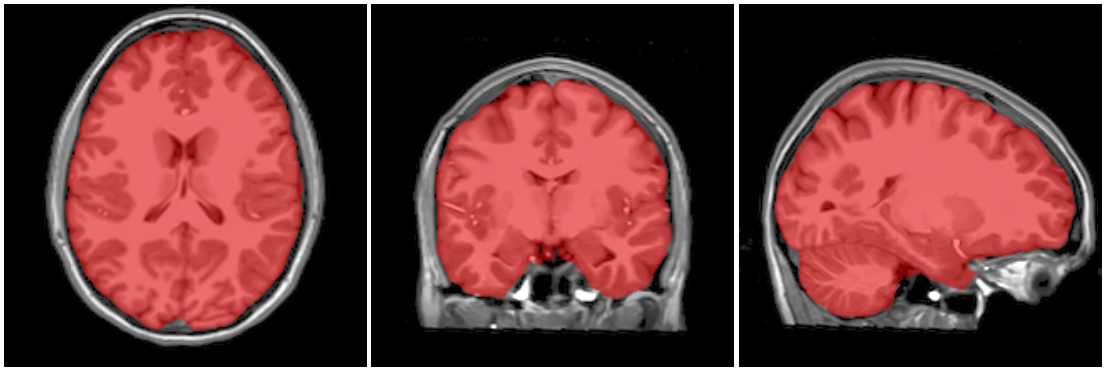
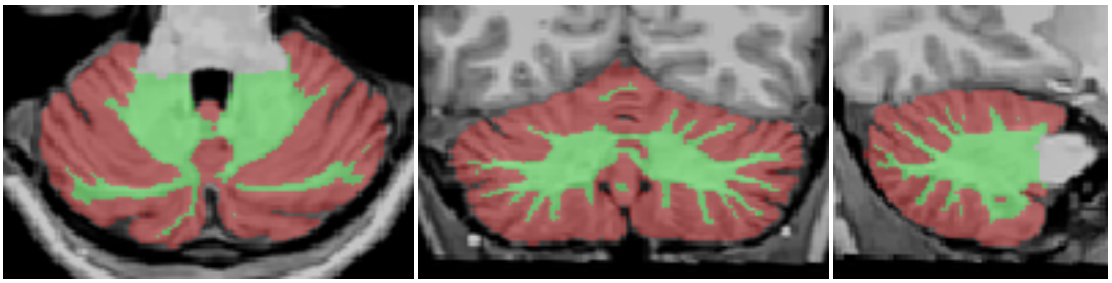
Intracranial cavity extraction

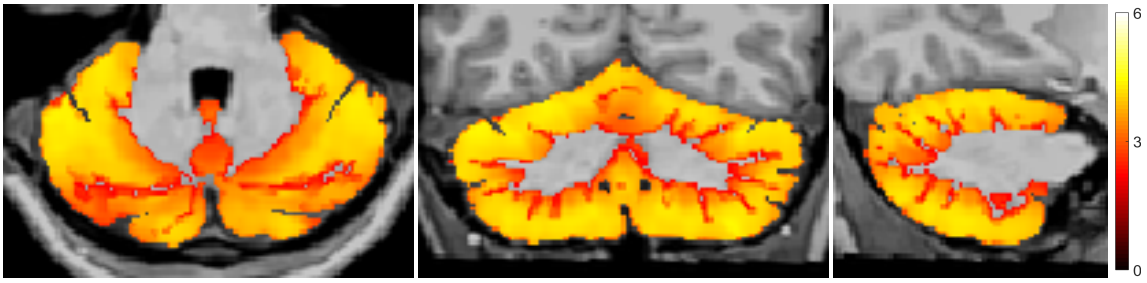


Lobules segmentation

Tissue classification



Cortical thickness



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