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

Patient ID	Sex	Age	Report Date
job373755	UNKNOWN	UNKNOWN	15-Feb-2022

Image Information	
Orientation	radiological
Scale factor	0.85
SNR	20.93
Total intracranial volume (cm^3)	1601.33

Volumes	Total (cm^3/%)	Right (cm^3/%)	Left (cm^3/%)	Asym.(%)
Cerebellum	139.36 (8.7031)	68.63 (4.2857)	70.74 (4.4174)	-3.0268
Lobule I-II	0.14 (0.0087)	0.07 (0.0044)	0.07 (0.0044)	0.0000
Lobule III	1.88 (0.1174)	1.01 (0.0630)	0.87 (0.0545)	14.4218
Lobule IV	5.26 (0.3284)	2.64 (0.1647)	2.62 (0.1637)	0.5838
Lobule V	9.04 (0.5643)	4.35 (0.2717)	4.69 (0.2926)	-7.3990
Lobule VI	20.93 (1.3069)	10.06 (0.6285)	10.86 (0.6785)	-7.6531
Lobule Crus I	26.04 (1.6264)	13.54 (0.8453)	12.51 (0.7811)	7.8921
Lobule Crus II	19.53 (1.2196)	9.71 (0.6063)	9.82 (0.6133)	-1.1528
Lobule VIIB	12.01 (0.7498)	5.53 (0.3455)	6.47 (0.4043)	-15.6840
Lobule VIIIA	12.33 (0.7697)	5.96 (0.3725)	6.36 (0.3972)	-6.4213
Lobule VIIIB	8.13 (0.5079)	3.83 (0.2389)	4.31 (0.2690)	-11.8289
Lobule IX	6.32 (0.3944)	3.14 (0.1959)	3.18 (0.1985)	-1.2962
Lobule X	1.28 (0.0798)	0.64 (0.0398)	0.64 (0.0401)	-0.6671

Grey matter vol.	Total (cm^3/%)	Right (cm^3/%)	Left (cm^3/%)	Asym.(%)
Cerebellum	106.16 (6.6297)	52.09 (3.2531)	54.07 (3.3765)	-3.7227
Lobule I-II	0.07 (0.0042)	0.04 (0.0022)	0.03 (0.0019)	18.0389
Lobule III	1.29 (0.0805)	0.70 (0.0435)	0.59 (0.0370)	19.0894
Lobule IV	4.51 (0.2815)	2.23 (0.1395)	2.27 (0.1420)	-2.1294
Lobule V	7.68 (0.4798)	3.65 (0.2282)	4.03 (0.2516)	-11.4272
Lobule VI	18.38 (1.1476)	8.69 (0.5426)	9.69 (0.6050)	-12.7548
Lobule Crus I	22.62 (1.4126)	11.76 (0.7343)	10.86 (0.6783)	9.3010
Lobule Crus II	17.59 (1.0987)	8.73 (0.5454)	8.86 (0.5534)	-1.7051
Lobule VIIB	10.83 (0.6765)	4.99 (0.3116)	5.84 (0.3649)	-18.4621
Lobule VIIIA	10.35 (0.6463)	5.00 (0.3123)	5.35 (0.3340)	-7.9038
Lobule VIIIB	6.33 (0.3955)	3.04 (0.1898)	3.29 (0.2057)	-9.4105
Lobule IX	5.11 (0.3193)	2.62 (0.1635)	2.50 (0.1558)	5.6319
Lobule X	1.15 (0.0721)	0.55 (0.0341)	0.61 (0.0380)	-12.4700

**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	4.71 (4.023)	4.69 (4.008)	4.72 (4.038)	-0.7318
Lobule I-II	1.62 (1.381)	1.52 (1.302)	1.76 (1.505)	-14.6850
Lobule III	3.24 (2.767)	3.21 (2.741)	3.27 (2.798)	-2.0330
Lobule IV	4.60 (3.932)	4.54 (3.880)	4.66 (3.984)	-2.6690
Lobule V	4.79 (4.098)	4.70 (4.014)	4.88 (4.173)	-3.8741
Lobule VI	4.86 (4.157)	4.76 (4.068)	4.96 (4.237)	-4.0773
Lobule Crus I	4.55 (3.891)	4.66 (3.982)	4.44 (3.793)	4.8662
Lobule Crus II	5.00 (4.275)	4.95 (4.234)	5.05 (4.316)	-1.9060
Lobule VIIB	5.08 (4.346)	5.00 (4.274)	5.16 (4.408)	-3.0932
Lobule VIIIA	4.80 (4.101)	4.75 (4.059)	4.84 (4.140)	-1.9774
Lobule VIIIB	4.49 (3.836)	4.56 (3.894)	4.42 (3.782)	2.9418
Lobule IX	4.01 (3.425)	4.28 (3.658)	3.72 (3.181)	13.9308
Lobule X	2.45 (2.096)	2.15 (1.836)	2.73 (2.335)	-23.8207

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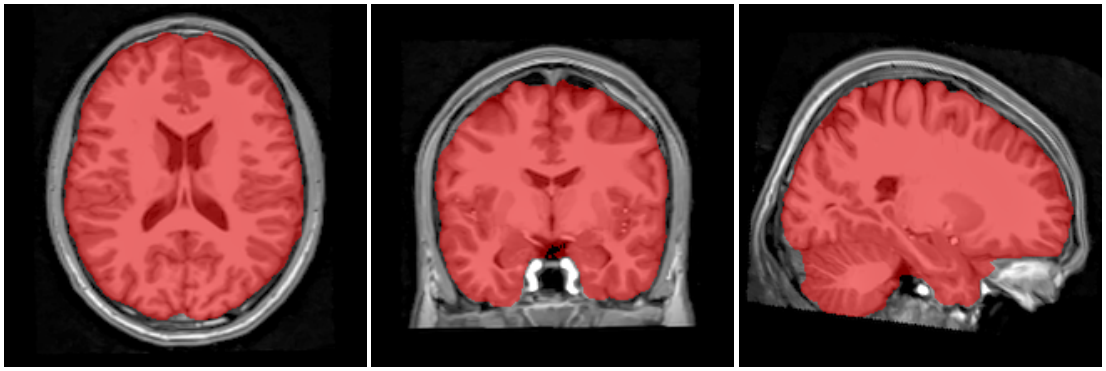
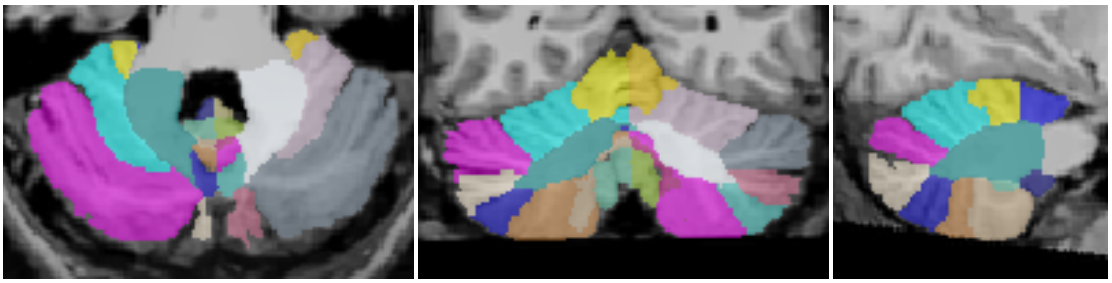
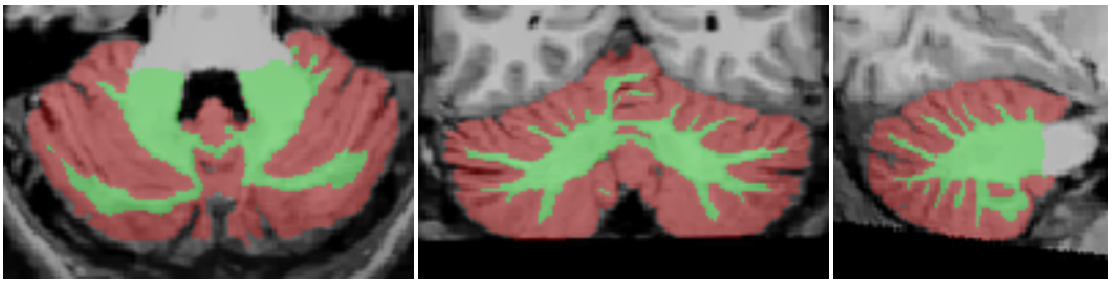
Intracranial cavity extraction



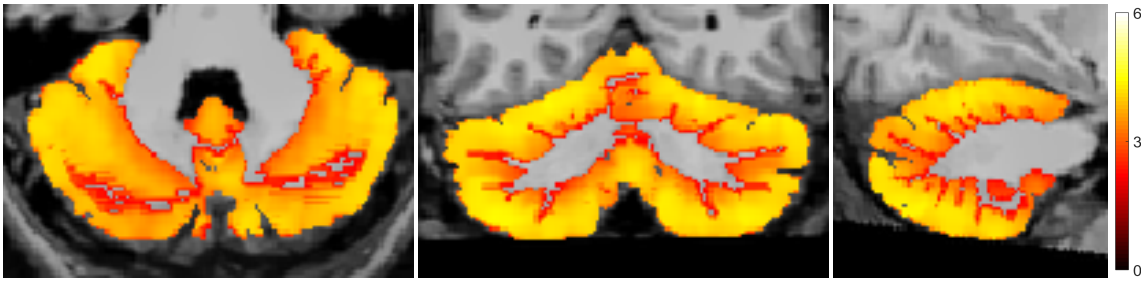
Lobules segmentation



Tissue classification



Cortical thickness



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