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

Patient ID	Sex	Age	Report Date
job373754	UNKNOWN	UNKNOWN	15-Feb-2022

Image Information

Orientation	radiological
Scale factor	0.87
SNR	21.78
Total intracranial volume (cm^3)	1632.07

Volumes	Total (cm^3/%)	Right (cm^3/%)	Left (cm^3/%)	Asym.(%)
Cerebellum	142.74 (8.7457)	71.02 (4.3517)	71.71 (4.3940)	-0.9684
Lobule I-II	0.17 (0.0103)	0.09 (0.0053)	0.08 (0.0050)	5.1813
Lobule III	1.96 (0.1200)	0.96 (0.0590)	0.99 (0.0610)	-3.2904
Lobule IV	5.25 (0.3219)	2.54 (0.1556)	2.71 (0.1663)	-6.6611
Lobule V	8.57 (0.5248)	4.45 (0.2728)	4.11 (0.2521)	7.8862
Lobule VI	20.52 (1.2574)	10.27 (0.6295)	10.25 (0.6279)	0.2460
Lobule Crus I	27.68 (1.6962)	14.34 (0.8788)	13.34 (0.8174)	7.2383
Lobule Crus II	17.00 (1.0417)	8.44 (0.5171)	8.56 (0.5245)	-1.4234
Lobule VIIB	11.87 (0.7271)	6.14 (0.3762)	5.73 (0.3508)	6.9836
Lobule VIIIA	13.83 (0.8474)	6.09 (0.3733)	7.74 (0.4741)	-23.7915
Lobule VIIIB	7.82 (0.4793)	3.80 (0.2331)	4.02 (0.2461)	-5.4307
Lobule IX	7.22 (0.4425)	3.64 (0.2231)	3.58 (0.2194)	1.6633
Lobule X	1.24 (0.0757)	0.64 (0.0389)	0.60 (0.0367)	5.7787

Grey matter vol.	Total (cm^3/%)	Right (cm^3/%)	Left (cm^3/%)	Asym.(%)
Cerebellum	105.94 (6.4914)	52.89 (3.2409)	53.05 (3.2505)	-0.2974
Lobule I-II	0.09 (0.0057)	0.05 (0.0028)	0.05 (0.0029)	-6.4420
Lobule III	1.56 (0.0955)	0.79 (0.0483)	0.77 (0.0472)	2.6940
Lobule IV	4.68 (0.2869)	2.27 (0.1394)	2.41 (0.1476)	-6.5769
Lobule V	7.58 (0.4642)	3.88 (0.2380)	3.69 (0.2262)	5.8345
Lobule VI	18.03 (1.1047)	9.02 (0.5528)	9.01 (0.5519)	0.1886
Lobule Crus I	23.87 (1.4626)	12.28 (0.7526)	11.59 (0.7100)	6.6944
Lobule Crus II	14.41 (0.8832)	7.17 (0.4395)	7.24 (0.4436)	-1.0684
Lobule VIIB	10.21 (0.6256)	5.24 (0.3211)	4.97 (0.3045)	6.0722
Lobule VIIIA	11.75 (0.7201)	5.17 (0.3168)	6.58 (0.4033)	-27.6015
Lobule VIIIB	6.42 (0.3931)	3.26 (0.1995)	3.16 (0.1936)	3.4917
Lobule IX	5.94 (0.3639)	3.06 (0.1872)	2.88 (0.1766)	6.6686
Lobule X	1.12 (0.0683)	0.57 (0.0347)	0.55 (0.0337)	3.4079

**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	4.70 (3.992)	4.72 (4.005)	4.68 (3.979)	0.6442
Lobule I-II	2.34 (1.992)	2.28 (1.935)	2.42 (2.052)	-5.8603
Lobule III	4.08 (3.466)	4.16 (3.535)	4.00 (3.396)	4.0181
Lobule IV	4.88 (4.147)	4.87 (4.133)	4.90 (4.160)	-0.6643
Lobule V	4.87 (4.133)	4.81 (4.081)	4.93 (4.187)	-2.5697
Lobule VI	4.93 (4.188)	4.93 (4.188)	4.93 (4.187)	0.0213
Lobule Crus I	4.79 (4.065)	4.80 (4.080)	4.77 (4.049)	0.7812
Lobule Crus II	4.44 (3.767)	4.59 (3.899)	4.28 (3.637)	6.9703
Lobule VIIB	4.88 (4.145)	4.87 (4.138)	4.89 (4.152)	-0.3501
Lobule VIIIA	4.84 (4.109)	4.70 (3.988)	4.95 (4.205)	-5.2713
Lobule VIIIB	4.71 (4.004)	4.80 (4.080)	4.62 (3.928)	3.7897
Lobule IX	4.04 (3.429)	4.14 (3.515)	3.93 (3.339)	5.1330
Lobule X	1.93 (1.639)	1.87 (1.592)	1.99 (1.688)	-5.8419

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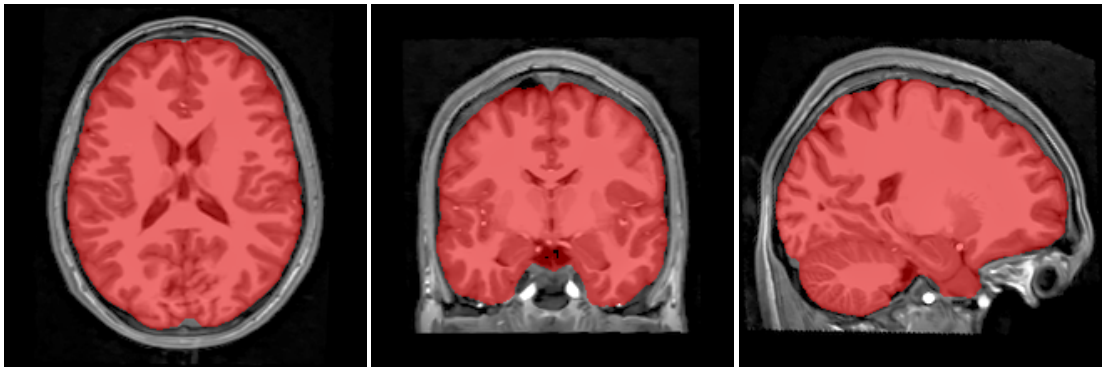
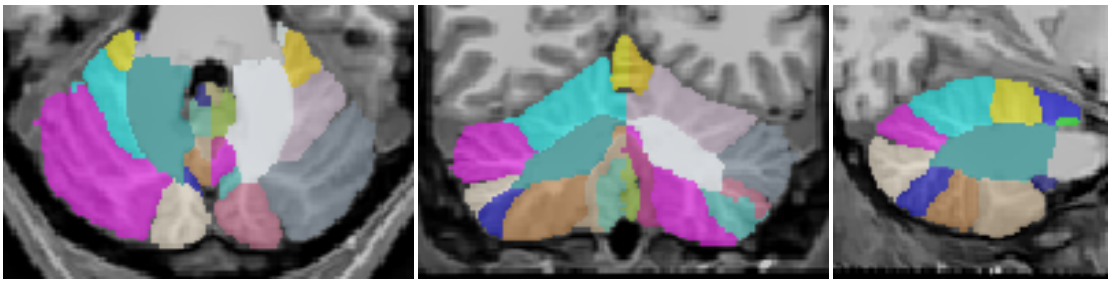
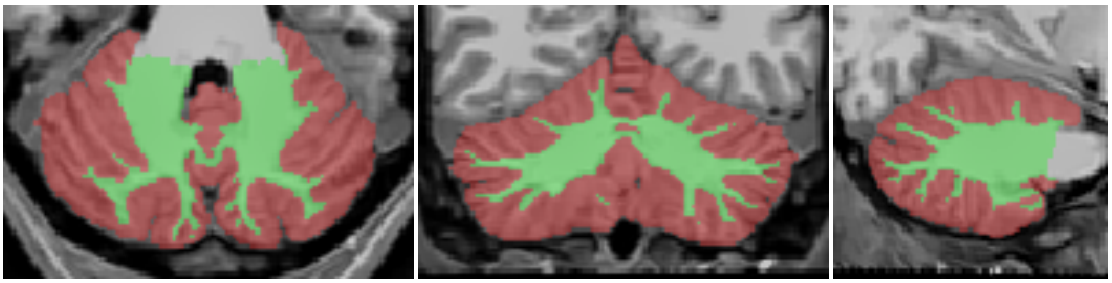
Intracranial cavity extraction



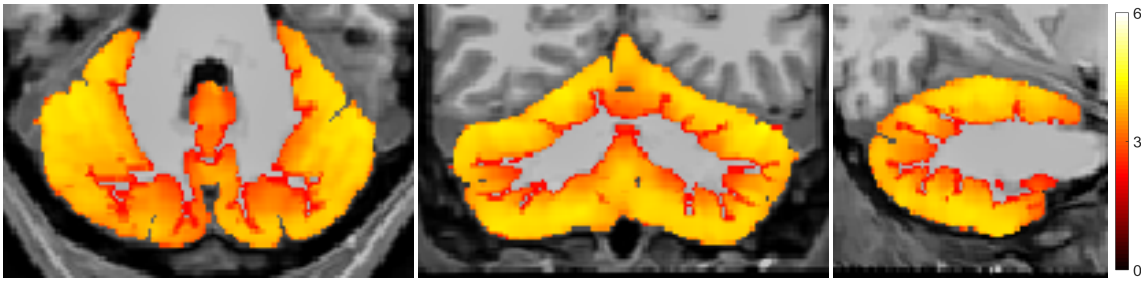
Lobules segmentation



Tissue classification



Cortical thickness



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