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

Patient ID	Sex	Age	Report Date
job373753	UNKNOWN	UNKNOWN	15-Feb-2022

Image Information	
Orientation	radiological
Scale factor	0.77
SNR	18.56
Total intracranial volume (cm^3)	1400.72

Volumes	Total (cm^3/%)	Right (cm^3/%)	Left (cm^3/%)	Asym.(%)
Cerebellum	121.43 (8.6691)	60.11 (4.2913)	61.32 (4.3778)	-1.9966
Lobule I-II	0.10 (0.0070)	0.04 (0.0031)	0.05 (0.0039)	-21.8750
Lobule III	1.45 (0.1032)	0.69 (0.0492)	0.76 (0.0540)	-9.2112
Lobule IV	4.38 (0.3129)	2.26 (0.1613)	2.12 (0.1516)	6.1812
Lobule V	7.68 (0.5484)	3.83 (0.2738)	3.85 (0.2746)	-0.2989
Lobule VI	19.50 (1.3922)	9.17 (0.6548)	10.33 (0.7373)	-11.8524
Lobule Crus I	23.31 (1.6644)	11.89 (0.8489)	11.42 (0.8155)	4.0181
Lobule Crus II	16.18 (1.1553)	7.65 (0.5460)	8.53 (0.6093)	-10.9435
Lobule VIIB	8.95 (0.6391)	4.52 (0.3224)	4.44 (0.3167)	1.7781
Lobule VIIIA	9.97 (0.7115)	4.87 (0.3480)	5.09 (0.3635)	-4.3618
Lobule VIIIB	7.48 (0.5341)	3.77 (0.2690)	3.71 (0.2652)	1.4321
Lobule IX	6.87 (0.4903)	3.60 (0.2571)	3.27 (0.2331)	9.7849
Lobule X	1.05 (0.0750)	0.54 (0.0388)	0.51 (0.0362)	6.8463

Grey matter vol.	Total (cm^3/%)	Right (cm^3/%)	Left (cm^3/%)	Asym.(%)
Cerebellum	92.82 (6.6264)	45.90 (3.2771)	46.91 (3.3493)	-2.1784
Lobule I-II	0.05 (0.0035)	0.02 (0.0016)	0.03 (0.0019)	-24.4997
Lobule III	1.14 (0.0814)	0.55 (0.0392)	0.59 (0.0421)	-9.3019
Lobule IV	3.87 (0.2764)	1.98 (0.1413)	1.89 (0.1351)	5.8900
Lobule V	6.72 (0.4798)	3.34 (0.2385)	3.38 (0.2413)	-1.5474
Lobule VI	17.60 (1.2567)	8.20 (0.5856)	9.40 (0.6711)	-17.7811
Lobule Crus I	20.19 (1.4416)	10.28 (0.7336)	9.92 (0.7079)	4.6553
Lobule Crus II	13.92 (0.9937)	6.57 (0.4688)	7.35 (0.5250)	-14.7706
Lobule VIIB	7.85 (0.5605)	4.06 (0.2895)	3.80 (0.2710)	8.6354
Lobule VIIIA	8.62 (0.6154)	4.21 (0.3007)	4.41 (0.3147)	-5.9631
Lobule VIIIB	6.11 (0.4362)	3.16 (0.2256)	2.95 (0.2106)	8.9685
Lobule IX	5.52 (0.3942)	2.97 (0.2117)	2.56 (0.1825)	19.3779
Lobule X	0.95 (0.0679)	0.48 (0.0340)	0.47 (0.0339)	0.4208

**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	4.61 (4.124)	4.63 (4.142)	4.59 (4.105)	0.8969
Lobule I-II	1.75 (1.567)	1.96 (1.752)	1.58 (1.411)	21.7662
Lobule III	3.71 (3.317)	3.75 (3.351)	3.68 (3.285)	2.0003
Lobule IV	4.91 (4.389)	4.98 (4.449)	4.84 (4.323)	2.8573
Lobule V	4.90 (4.376)	4.86 (4.340)	4.94 (4.412)	-1.6496
Lobule VI	4.95 (4.421)	4.90 (4.381)	4.99 (4.457)	-1.7034
Lobule Crus I	4.48 (4.005)	4.51 (4.033)	4.45 (3.976)	1.4240
Lobule Crus II	4.44 (3.968)	4.43 (3.960)	4.45 (3.975)	-0.3729
Lobule VIIB	4.91 (4.386)	4.97 (4.442)	4.84 (4.325)	2.6603
Lobule VIIIA	4.80 (4.290)	4.83 (4.314)	4.77 (4.267)	1.1013
Lobule VIIIB	4.64 (4.151)	4.77 (4.260)	4.51 (4.034)	5.4416
Lobule IX	3.78 (3.377)	3.98 (3.557)	3.55 (3.172)	11.3766
Lobule X	2.33 (2.085)	2.25 (2.012)	2.43 (2.170)	-7.5748

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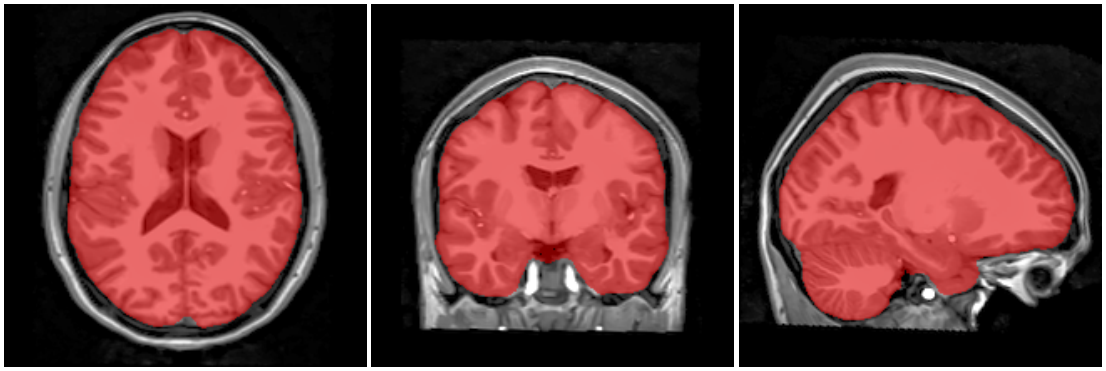
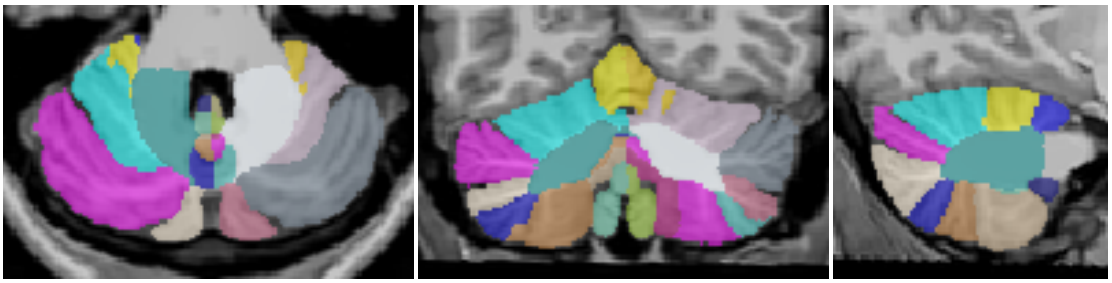
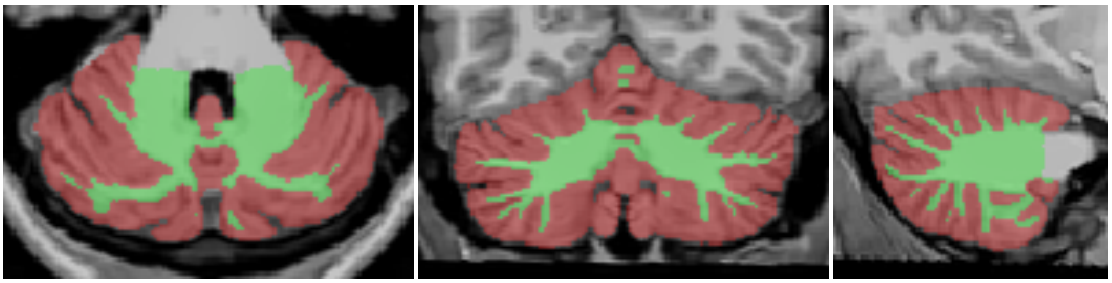
Intracranial cavity extraction



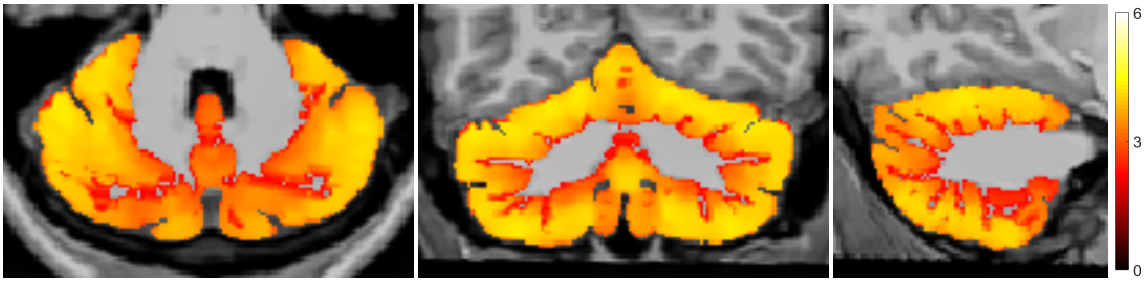
Lobules segmentation



Tissue classification



Cortical thickness



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