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

Patient ID	Sex	Age	Report Date
job373752	UNKNOWN	UNKNOWN	15-Feb-2022

Image Information

Orientation	radiological
Scale factor	0.64
SNR	14.39
Total intracranial volume (cm^3)	1174.01

Volumes	Total (cm^3/%)	Right (cm^3/%)	Left (cm^3/%)	Asym.(%)
Cerebellum	119.10 (10.1444)	58.74 (5.0034)	60.36 (5.1410)	-2.7125
Lobule I-II	0.11 (0.0098)	0.06 (0.0053)	0.05 (0.0045)	15.5556
Lobule III	1.28 (0.1088)	0.65 (0.0553)	0.63 (0.0535)	3.2000
Lobule IV	3.22 (0.2741)	1.51 (0.1287)	1.71 (0.1454)	-12.2222
Lobule V	7.30 (0.6215)	3.46 (0.2944)	3.84 (0.3271)	-10.5355
Lobule VI	19.72 (1.6801)	9.77 (0.8318)	9.96 (0.8483)	-1.9679
Lobule Crus I	21.63 (1.8422)	11.05 (0.9410)	10.58 (0.9012)	4.3216
Lobule Crus II	13.74 (1.1702)	6.30 (0.5368)	7.44 (0.6333)	-16.4885
Lobule VIIB	8.28 (0.7052)	4.18 (0.3559)	4.10 (0.3493)	1.8816
Lobule VIIIA	11.00 (0.9366)	5.55 (0.4728)	5.45 (0.4639)	1.9043
Lobule VIIIB	8.43 (0.7184)	4.06 (0.3461)	4.37 (0.3723)	-7.2975
Lobule IX	7.65 (0.6516)	3.93 (0.3349)	3.72 (0.3168)	5.5579
Lobule X	0.99 (0.0846)	0.48 (0.0406)	0.52 (0.0440)	-8.1029

Grey matter vol.	Total (cm^3/%)	Right (cm^3/%)	Left (cm^3/%)	Asym.(%)
Cerebellum	88.55 (7.5424)	43.59 (3.7126)	44.96 (3.8298)	-3.1089
Lobule I-II	0.05 (0.0043)	0.03 (0.0024)	0.02 (0.0019)	35.6889
Lobule III	0.89 (0.0758)	0.42 (0.0362)	0.46 (0.0396)	-14.1680
Lobule IV	2.66 (0.2263)	1.24 (0.1060)	1.41 (0.1203)	-19.7205
Lobule V	6.20 (0.5280)	2.87 (0.2445)	3.33 (0.2835)	-23.1346
Lobule VI	17.35 (1.4776)	8.53 (0.7265)	8.82 (0.7511)	-5.2229
Lobule Crus I	18.47 (1.5737)	9.44 (0.8037)	9.04 (0.7699)	6.7335
Lobule Crus II	11.89 (1.0129)	5.46 (0.4653)	6.43 (0.5476)	-25.4638
Lobule VIIB	7.28 (0.6200)	3.64 (0.3103)	3.64 (0.3096)	0.3572
Lobule VIIIA	9.56 (0.8144)	4.82 (0.4102)	4.74 (0.4042)	2.3428
Lobule VIIIB	6.98 (0.5948)	3.41 (0.2908)	3.57 (0.3040)	-6.9603
Lobule IX	6.03 (0.5137)	3.19 (0.2715)	2.84 (0.2422)	17.8736
Lobule X	0.90 (0.0769)	0.42 (0.0358)	0.48 (0.0411)	-21.2686

**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	4.52 (4.288)	4.55 (4.313)	4.50 (4.264)	1.1511
Lobule I-II	1.61 (1.522)	1.63 (1.546)	1.58 (1.494)	3.4025
Lobule III	3.29 (3.118)	3.21 (3.046)	3.36 (3.185)	-4.4545
Lobule IV	4.50 (4.267)	4.32 (4.092)	4.67 (4.426)	-7.8159
Lobule V	4.67 (4.422)	4.58 (4.343)	4.74 (4.492)	-3.3554
Lobule VI	4.76 (4.511)	4.70 (4.456)	4.81 (4.564)	-2.3918
Lobule Crus I	4.35 (4.122)	4.44 (4.206)	4.26 (4.035)	4.1455
Lobule Crus II	4.39 (4.164)	4.50 (4.263)	4.30 (4.079)	4.4284
Lobule VIIB	4.91 (4.654)	4.88 (4.622)	4.94 (4.686)	-1.3769
Lobule VIIIA	4.80 (4.545)	4.82 (4.573)	4.77 (4.518)	1.2095
Lobule VIIIB	4.64 (4.400)	4.77 (4.523)	4.52 (4.283)	5.4759
Lobule IX	4.05 (3.836)	4.16 (3.946)	3.92 (3.715)	6.0212
Lobule X	2.12 (2.011)	1.97 (1.866)	2.26 (2.142)	-13.7203

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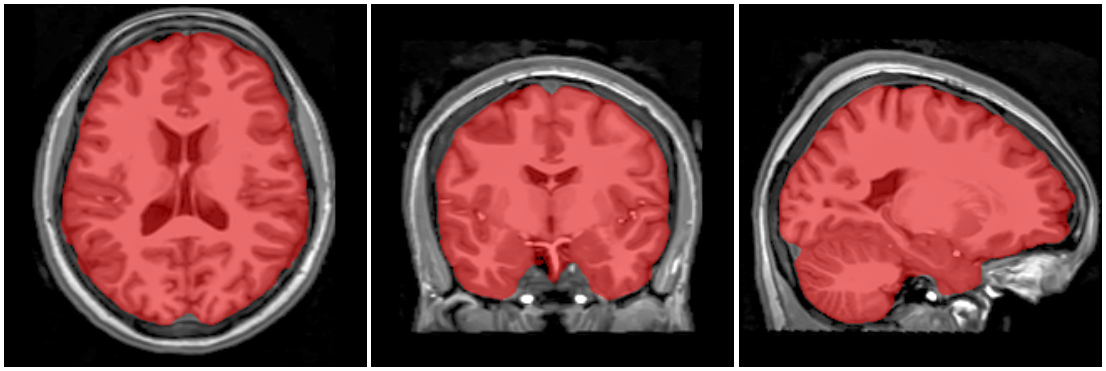
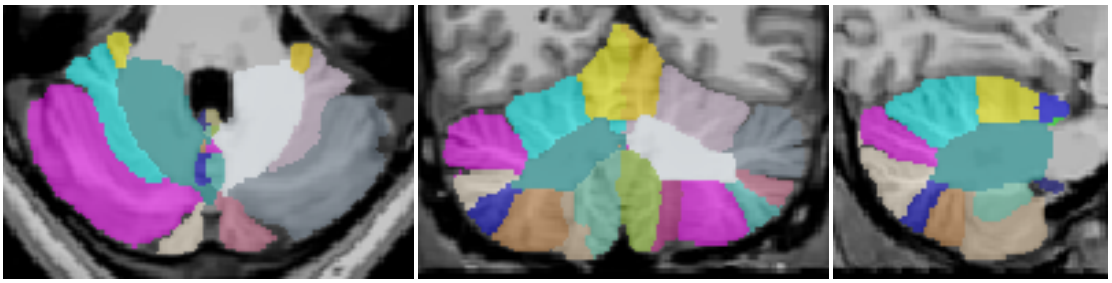
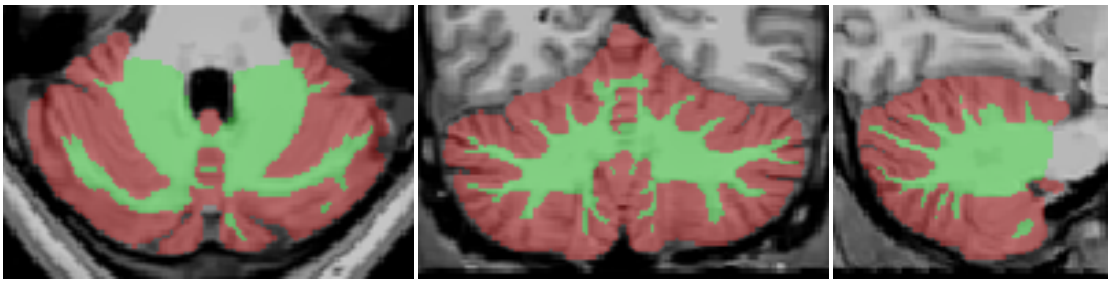
Intracranial cavity extraction



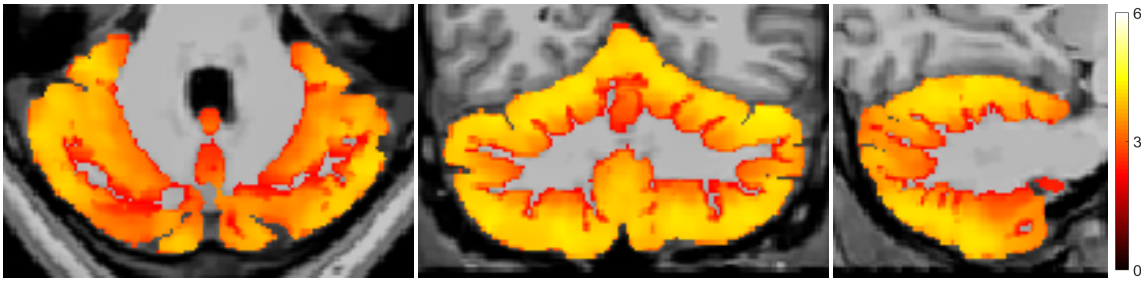
Lobules segmentation



Tissue classification



Cortical thickness



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