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

Patient ID	**Sex**	**Age**	**Report Date**
job373889	UNKNOWN	UNKNOWN	16-Feb-2022

Image Information	
Orientation	radiological
Scale factor	0.85
SNR	19.57
Total intracranial volume (cm^3)	1566.15

Volumes	**Total** (cm^3/%)	**Right** (cm^3/%)	**Left** (cm^3/%)	**Asym.(%)**
Cerebellum	118.31 (7.5543)	58.30 (3.7222)	60.02 (3.8322)	-2.9113
Lobule I-II	0.15 (0.0098)	0.09 (0.0054)	0.07 (0.0044)	20.9945
Lobule III	1.59 (0.1012)	0.81 (0.0515)	0.78 (0.0497)	3.6481
Lobule IV	5.15 (0.3291)	2.49 (0.1593)	2.66 (0.1699)	-6.4346
Lobule V	7.38 (0.4715)	4.01 (0.2563)	3.37 (0.2152)	17.4364
Lobule VI	15.59 (0.9955)	6.92 (0.4420)	8.67 (0.5535)	-22.3871
Lobule Crus I	26.95 (1.7205)	13.73 (0.8764)	13.22 (0.8441)	3.7560
Lobule Crus II	13.89 (0.8872)	6.80 (0.4342)	7.09 (0.4530)	-4.2480
Lobule VIIB	7.41 (0.4734)	3.57 (0.2278)	3.85 (0.2457)	-7.5705
Lobule VIIIA	10.44 (0.6663)	5.12 (0.3270)	5.31 (0.3393)	-3.7164
Lobule VIIIB	6.91 (0.4409)	3.36 (0.2148)	3.54 (0.2261)	-5.0992
Lobule IX	7.31 (0.4666)	3.63 (0.2320)	3.67 (0.2345)	-1.0708
Lobule X	1.21 (0.0775)	0.62 (0.0396)	0.59 (0.0379)	4.6251

Grey matter vol.	**Total** (cm^3/%)	**Right** (cm^3/%)	**Left** (cm^3/%)	**Asym.(%)**
Cerebellum	89.94 (5.7430)	43.66 (2.7876)	46.29 (2.9555)	-5.8474
Lobule I-II	0.07 (0.0046)	0.04 (0.0026)	0.03 (0.0020)	33.5940
Lobule III	1.09 (0.0696)	0.55 (0.0348)	0.55 (0.0348)	0.0000
Lobule IV	4.39 (0.2802)	2.15 (0.1370)	2.24 (0.1431)	-5.1508
Lobule V	6.17 (0.3942)	3.25 (0.2074)	2.92 (0.1868)	12.3427
Lobule VI	13.80 (0.8810)	6.02 (0.3845)	7.78 (0.4965)	-29.8749
Lobule Crus I	23.66 (1.5108)	11.95 (0.7630)	11.71 (0.7477)	2.3837
Lobule Crus II	12.42 (0.7927)	6.01 (0.3836)	6.41 (0.4091)	-7.5712
Lobule VIIB	6.81 (0.4349)	3.28 (0.2092)	3.54 (0.2257)	-8.9553
Lobule VIIIA	9.02 (0.5756)	4.38 (0.2799)	4.63 (0.2957)	-6.4779
Lobule VIIIB	5.46 (0.3484)	2.58 (0.1647)	2.88 (0.1837)	-12.8668
Lobule IX	5.71 (0.3647)	2.78 (0.1776)	2.93 (0.1871)	-6.1285
Lobule X	1.13 (0.0718)	0.57 (0.0364)	0.55 (0.0354)	3.3772

**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	4.65 (4.004)	4.60 (3.957)	4.70 (4.048)	-2.2700
Lobule I-II	1.17 (1.011)	1.16 (1.001)	1.19 (1.022)	-2.0592
Lobule III	3.02 (2.603)	3.16 (2.723)	2.89 (2.485)	9.1633
Lobule IV	4.80 (4.137)	4.80 (4.133)	4.81 (4.142)	-0.2070
Lobule V	4.55 (3.916)	4.51 (3.882)	4.59 (3.956)	-1.8790
Lobule VI	4.84 (4.166)	4.65 (4.005)	4.98 (4.291)	-6.8838
Lobule Crus I	4.76 (4.095)	4.78 (4.118)	4.73 (4.071)	1.1336
Lobule Crus II	4.76 (4.102)	4.76 (4.099)	4.77 (4.104)	-0.1198
Lobule VIIB	5.07 (4.368)	4.94 (4.255)	5.20 (4.474)	-5.0080
Lobule VIIIA	4.77 (4.105)	4.67 (4.024)	4.86 (4.182)	-3.8635
Lobule VIIIB	4.46 (3.840)	4.27 (3.679)	4.63 (3.983)	-7.9181
Lobule IX	3.75 (3.228)	3.82 (3.286)	3.69 (3.173)	3.4855
Lobule X	2.46 (2.115)	2.29 (1.973)	2.65 (2.278)	-14.3873

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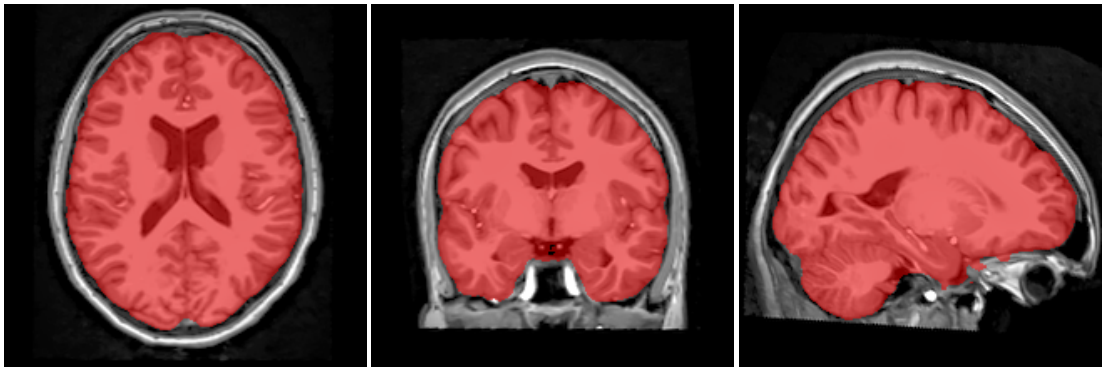
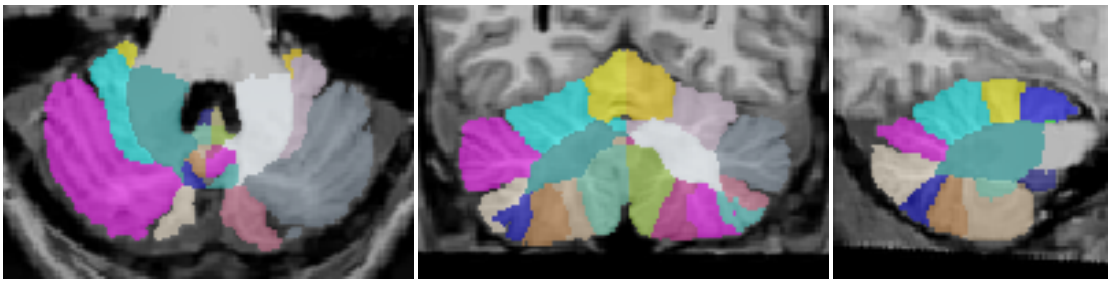
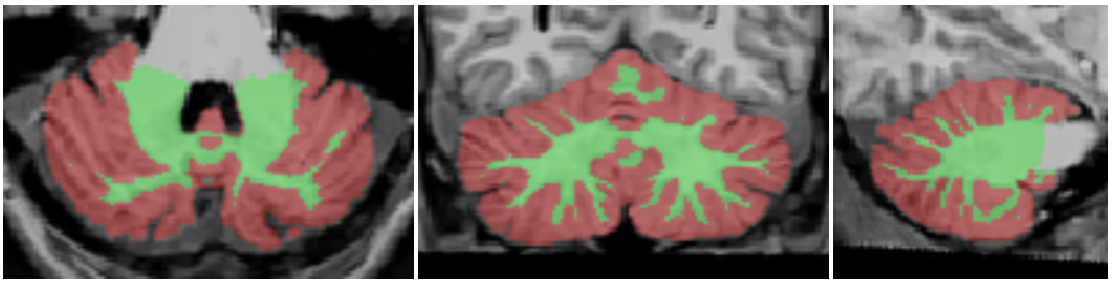
Intracranial cavity extraction



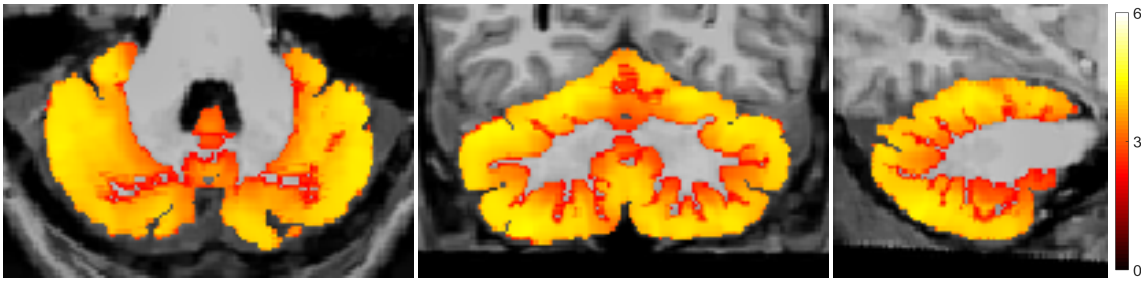
Lobules segmentation



Tissue classification



Cortical thickness



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