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

Patient ID	Sex	Age	Report Date
job373714	UNKNOWN	UNKNOWN	15-Feb-2022

Image Information	
Orientation	radiological
Scale factor	0.68
SNR	15.22
Total intracranial volume (cm^3)	1240.17

Volumes	Total (cm^3/%)	Right (cm^3/%)	Left (cm^3/%)	Asym.(%)
Cerebellum	119.27 (9.6170)	58.58 (4.7237)	60.68 (4.8933)	-3.5274
Lobule I-II	0.12 (0.0097)	0.06 (0.0049)	0.06 (0.0048)	2.2727
Lobule III	1.55 (0.1253)	0.82 (0.0662)	0.73 (0.0591)	11.3606
Lobule IV	4.47 (0.3607)	2.13 (0.1716)	2.35 (0.1891)	-9.7248
Lobule V	7.74 (0.6242)	3.93 (0.3167)	3.81 (0.3076)	2.9160
Lobule VI	19.39 (1.5637)	9.24 (0.7453)	10.15 (0.8185)	-9.3619
Lobule Crus I	21.81 (1.7584)	10.56 (0.8519)	11.24 (0.9066)	-6.2173
Lobule Crus II	16.55 (1.3342)	8.34 (0.6723)	8.21 (0.6618)	1.5794
Lobule VIIB	8.64 (0.6967)	4.31 (0.3477)	4.33 (0.3491)	-0.3959
Lobule VIIIA	12.12 (0.9774)	5.68 (0.4580)	6.44 (0.5194)	-12.5734
Lobule VIIIB	6.62 (0.5335)	3.38 (0.2729)	3.23 (0.2606)	4.5906
Lobule IX	5.51 (0.4439)	2.81 (0.2265)	2.70 (0.2174)	4.1252
Lobule X	0.94 (0.0758)	0.48 (0.0383)	0.47 (0.0375)	2.1818

Grey matter vol.	Total (cm^3/%)	Right (cm^3/%)	Left (cm^3/%)	Asym.(%)
Cerebellum	91.72 (7.3962)	44.88 (3.6193)	46.84 (3.7769)	-4.2629
Lobule I-II	0.05 (0.0038)	0.03 (0.0020)	0.02 (0.0018)	21.1859
Lobule III	1.16 (0.0939)	0.59 (0.0472)	0.58 (0.0467)	1.5451
Lobule IV	3.74 (0.3013)	1.80 (0.1449)	1.94 (0.1564)	-11.1337
Lobule V	6.59 (0.5311)	3.27 (0.2640)	3.31 (0.2671)	-1.7005
Lobule VI	17.42 (1.4043)	8.15 (0.6575)	9.26 (0.7469)	-18.6152
Lobule Crus I	18.97 (1.5299)	9.10 (0.7334)	9.88 (0.7965)	-12.0589
Lobule Crus II	14.71 (1.1858)	7.41 (0.5979)	7.29 (0.5879)	2.4617
Lobule VIIB	7.69 (0.6199)	3.84 (0.3099)	3.85 (0.3101)	-0.0780
Lobule VIIIA	10.33 (0.8330)	4.97 (0.4010)	5.36 (0.4320)	-10.9001
Lobule VIIIB	5.51 (0.4443)	2.84 (0.2286)	2.67 (0.2156)	8.5670
Lobule IX	4.54 (0.3658)	2.39 (0.1923)	2.15 (0.1735)	15.0768
Lobule X	0.82 (0.0664)	0.41 (0.0329)	0.41 (0.0334)	-2.1873

**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	4.68 (4.353)	4.66 (4.341)	4.69 (4.363)	-0.5081
Lobule I-II	1.31 (1.217)	1.24 (1.158)	1.35 (1.255)	-7.9510
Lobule III	3.40 (3.160)	3.34 (3.110)	3.45 (3.209)	-3.1408
Lobule IV	4.76 (4.426)	4.71 (4.384)	4.80 (4.464)	-1.8033
Lobule V	4.82 (4.488)	4.78 (4.446)	4.87 (4.530)	-1.8671
Lobule VI	4.95 (4.610)	4.86 (4.522)	5.04 (4.689)	-3.6333
Lobule Crus I	4.51 (4.195)	4.46 (4.151)	4.55 (4.236)	-2.0333
Lobule Crus II	4.77 (4.439)	4.79 (4.461)	4.74 (4.415)	1.0353
Lobule VIIB	5.01 (4.660)	5.00 (4.655)	5.01 (4.665)	-0.2206
Lobule VIIIA	4.82 (4.485)	4.86 (4.524)	4.78 (4.449)	1.6515
Lobule VIIIB	4.68 (4.353)	4.80 (4.466)	4.55 (4.234)	5.3310
Lobule IX	3.72 (3.458)	3.90 (3.626)	3.52 (3.274)	10.1704
Lobule X	1.96 (1.821)	1.86 (1.732)	2.05 (1.909)	-9.7025

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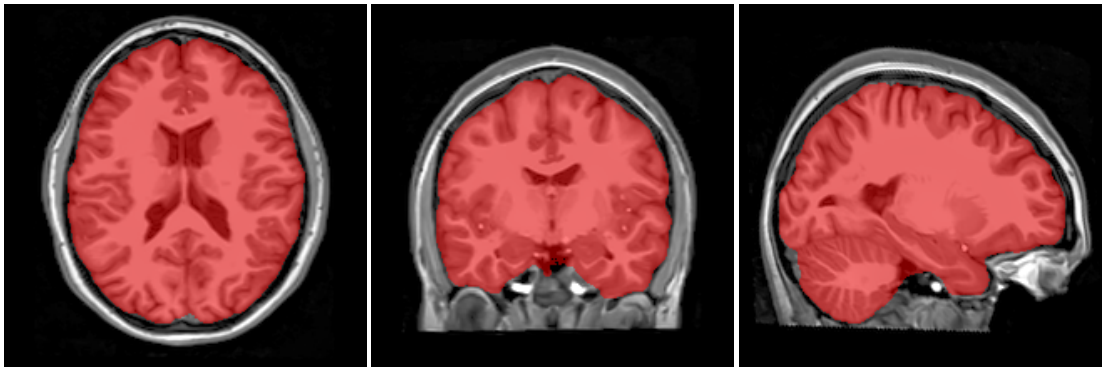
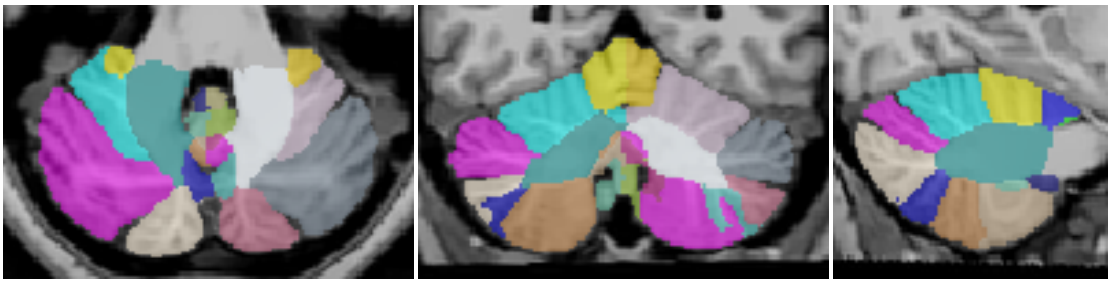
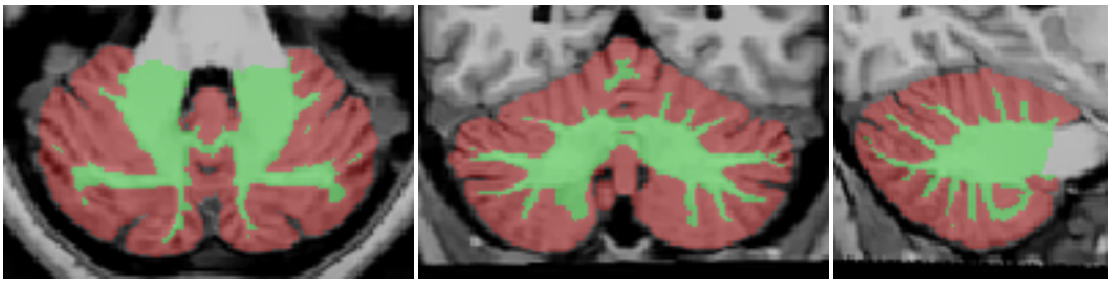
Intracranial cavity extraction



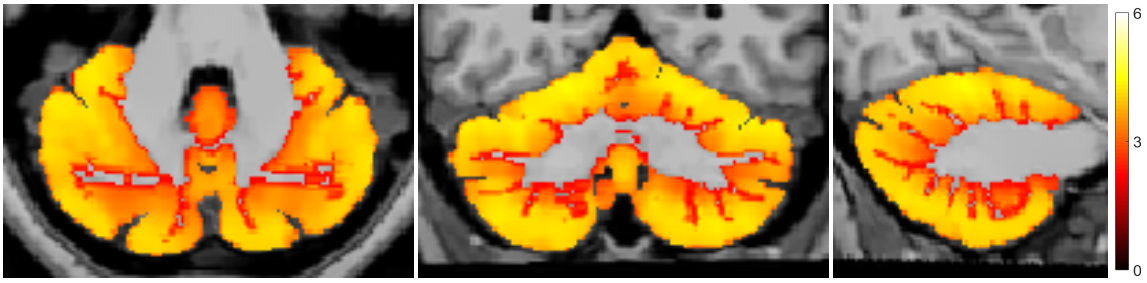
Lobules segmentation



Tissue classification



Cortical thickness



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