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

Patient ID	Sex	Age	Report Date
job373890	UNKNOWN	UNKNOWN	16-Feb-2022

Image Information	
Orientation	radiological
Scale factor	0.83
SNR	20.47
Total intracranial volume (cm^3)	1559.31

Volumes	Total (cm^3/%)	Right (cm^3/%)	Left (cm^3/%)	Asym.(%)
Cerebellum	134.79 (8.6442)	66.76 (4.2813)	68.03 (4.3629)	-1.8895
Lobule I-II	0.10 (0.0067)	0.06 (0.0040)	0.04 (0.0027)	38.0952
Lobule III	1.50 (0.0962)	0.70 (0.0447)	0.80 (0.0516)	-14.4284
Lobule IV	4.69 (0.3007)	1.88 (0.1208)	2.81 (0.1799)	-39.2895
Lobule V	9.09 (0.5829)	4.70 (0.3012)	4.39 (0.2817)	6.6703
Lobule VI	17.06 (1.0942)	7.81 (0.5010)	9.25 (0.5932)	-16.8399
Lobule Crus I	27.47 (1.7616)	13.77 (0.8830)	13.70 (0.8786)	0.4972
Lobule Crus II	16.85 (1.0807)	8.36 (0.5360)	8.49 (0.5447)	-1.6112
Lobule VIIB	10.40 (0.6670)	5.32 (0.3409)	5.08 (0.3261)	4.4523
Lobule VIIIA	13.40 (0.8592)	6.96 (0.4466)	6.43 (0.4126)	7.9075
Lobule VIIIB	8.98 (0.5759)	4.69 (0.3010)	4.29 (0.2749)	9.0698
Lobule IX	5.47 (0.3508)	2.58 (0.1653)	2.89 (0.1855)	-11.5104
Lobule X	1.39 (0.0890)	0.80 (0.0515)	0.58 (0.0375)	31.4526

Grey matter vol.	Total (cm^3/%)	Right (cm^3/%)	Left (cm^3/%)	Asym.(%)
Cerebellum	99.54 (6.3833)	49.22 (3.1563)	50.32 (3.2270)	-2.2140
Lobule I-II	0.07 (0.0043)	0.04 (0.0025)	0.03 (0.0018)	42.0246
Lobule III	1.19 (0.0762)	0.56 (0.0358)	0.63 (0.0404)	-14.4825
Lobule IV	4.05 (0.2597)	1.62 (0.1040)	2.43 (0.1557)	-47.8504
Lobule V	7.82 (0.5018)	4.04 (0.2588)	3.79 (0.2430)	7.5403
Lobule VI	15.12 (0.9698)	6.87 (0.4409)	8.25 (0.5289)	-21.8093
Lobule Crus I	23.28 (1.4931)	11.69 (0.7499)	11.59 (0.7431)	1.0996
Lobule Crus II	14.85 (0.9523)	7.37 (0.4725)	7.48 (0.4798)	-1.8586
Lobule VIIB	8.90 (0.5706)	4.54 (0.2910)	4.36 (0.2796)	4.8329
Lobule VIIIA	11.42 (0.7325)	5.82 (0.3733)	5.60 (0.3592)	4.6050
Lobule VIIIB	7.15 (0.4587)	3.80 (0.2438)	3.35 (0.2149)	15.0997
Lobule IX	4.09 (0.2625)	2.01 (0.1287)	2.09 (0.1338)	-4.6914
Lobule X	1.26 (0.0810)	0.71 (0.0453)	0.56 (0.0356)	28.8296

**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 (3.979)	4.64 (4.001)	4.59 (3.958)	1.0825
Lobule I-II	1.46 (1.263)	1.45 (1.254)	1.47 (1.272)	-1.4289
Lobule III	3.55 (3.062)	3.52 (3.038)	3.58 (3.084)	-1.4927
Lobule IV	4.86 (4.190)	4.77 (4.117)	4.91 (4.238)	-2.8868
Lobule V	4.79 (4.133)	4.75 (4.100)	4.83 (4.167)	-1.6426
Lobule VI	4.87 (4.200)	4.82 (4.160)	4.91 (4.235)	-1.7853
Lobule Crus I	4.43 (3.824)	4.50 (3.877)	4.37 (3.770)	2.8038
Lobule Crus II	4.77 (4.115)	4.84 (4.173)	4.71 (4.059)	2.7816
Lobule VIIB	4.83 (4.163)	4.87 (4.197)	4.79 (4.128)	1.6588
Lobule VIIIA	4.82 (4.160)	4.75 (4.098)	4.90 (4.225)	-3.0346
Lobule VIIIB	4.38 (3.774)	4.56 (3.936)	4.16 (3.591)	9.1402
Lobule IX	3.86 (3.326)	4.17 (3.596)	3.56 (3.069)	15.8560
Lobule X	2.71 (2.339)	2.60 (2.243)	2.86 (2.467)	-9.5838

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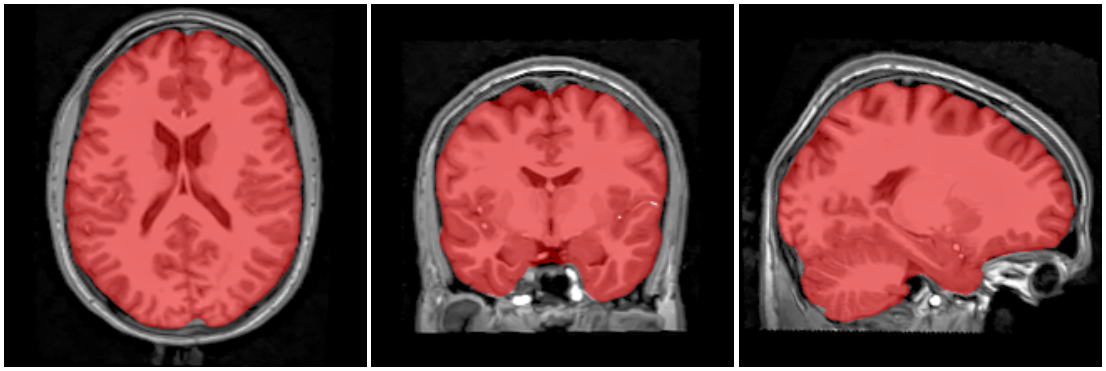
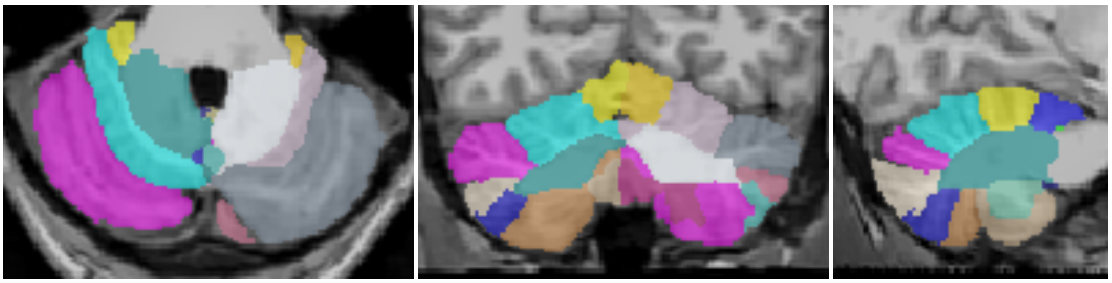
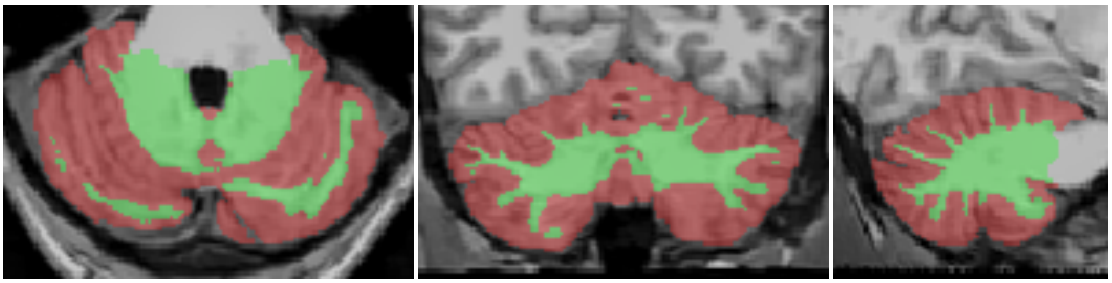
Intracranial cavity extraction



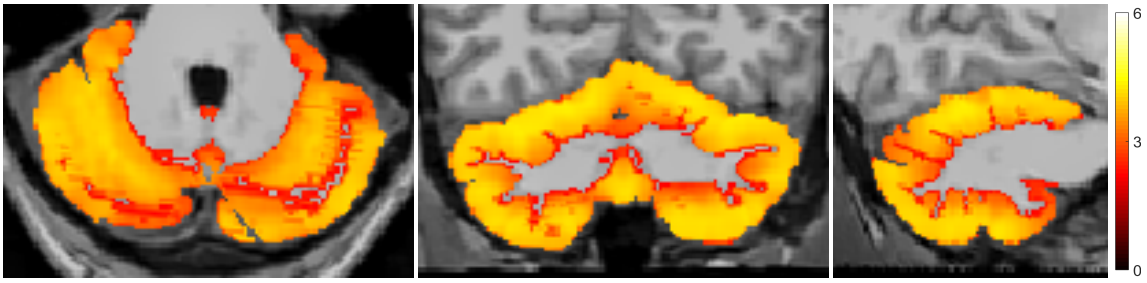
Lobules segmentation



Tissue classification



Cortical thickness



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