



CERES volumetry report

version 1.0 release 03-10-2018.

Patient ID	Sex	Age	Report Date
job1937951	Male	47	13-Jan-2026

Image Information	
Orientation	radiological
Scale factor	0.68
SNR	38.06
Total intracranial volume (cm ³)	1198.65

Volumes ¹	Total (cm ³ /%)	Right (cm ³ /%)	Left (cm ³ /%)	Asym.(%) ²
<i>Cerebellum</i>	112.68 (9.4009) [7.8349, 10.3839] ⁵	57.49 (4.7960) [3.9318, 5.2166]	55.20 (4.6049) [3.8925, 5.1780]	4.0656 [-2.8160, 4.5093]
<i>Lobule I-II</i>	0.02 (0.0017) [0.0014, 0.0241]	0.01 (0.0010) [0.0009, 0.0110]	0.01 (0.0007) [0.0000, 0.0135]	26.6667 [-52.2532, 34.4256]
<i>Lobule III</i>	1.53 (0.1278) [0.0758, 0.1586]	0.76 (0.0633) [0.0366, 0.0800]	0.77 (0.0645) [0.0369, 0.0808]	-1.7668 [-24.7397, 22.1781]
<i>Lobule IV</i>	4.44 (0.3708) [0.2226, 0.3919]	2.38 (0.1986) [0.1003, 0.1973]	2.06 (0.1722) [0.1133, 0.2036]	14.1900 [-32.2762, 19.0691]
<i>Lobule V</i>	6.21 (0.5179) [0.2226, 0.3919]	2.47 (0.2062) [0.1003, 0.1973]	3.74 (0.3117) [0.1133, 0.2036]	-40.7500 [-32.2762, 19.0691]
<i>Lobule VI</i>	13.75 (1.1471) [0.9429, 1.5376]	6.96 (0.5805) [0.4601, 0.7800]	6.79 (0.5666) [0.4688, 0.7716]	2.4115 [-15.4221, 15.1838]
<i>Lobule Crus I</i>	22.36 (1.8653) [1.3972, 2.3154]	11.60 (0.9676) [0.7045, 1.1761]	10.76 (0.8976) [0.6721, 1.1599]	7.5061 [-12.3090, 17.8341]
<i>Lobule Crus II</i>	13.63 (1.1368) [0.7948, 1.4612]	6.87 (0.5731) [0.3910, 0.7582]	6.76 (0.5637) [0.3848, 0.7221]	1.6687 [-16.7319, 23.8624]
<i>Lobule VIIB</i>	6.00 (0.5004) [0.4735, 0.8499]	3.33 (0.2777) [0.2280, 0.4423]	2.67 (0.2227) [0.2249, 0.4282]	22.0016 [-25.3955, 30.1655]
<i>Lobule VIIIA</i>	9.08 (0.7574) [0.6741, 1.0750]	4.79 (0.3995) [0.3145, 0.5469]	4.29 (0.3579) [0.3356, 0.5521]	10.9720 [-26.9246, 20.3361]
<i>Lobule VIIIB</i>	8.37 (0.6982) [0.4353, 0.7718]	4.45 (0.3710) [0.2050, 0.3970]	3.92 (0.3272) [0.2087, 0.3964]	12.5334 [-28.5705, 27.2480]
<i>Lobule IX</i>	6.10 (0.5088) [0.3707, 0.7116]	3.09 (0.2579) [0.1873, 0.3620]	3.01 (0.2509) [0.1801, 0.3528]	2.7294 [-9.7321, 15.8723]
<i>Lobule X</i>	1.64 (0.1370) [0.3707, 0.7116]	0.90 (0.0753) [0.1873, 0.3620]	0.74 (0.0618) [0.1801, 0.3528]	19.6951 [-9.7321, 15.8723]

¹All the volumes are presented in absolute value (measured in cm³) and in relative value (measured in relation to the ICV).

²The Asymmetry Index is calculated as the difference between right and left volumes divided by their mean (in percent).

³Cortical thickness is given in absolute value (mm) and also normalized in relation to the cube root of the intracranial volume (adimensional).

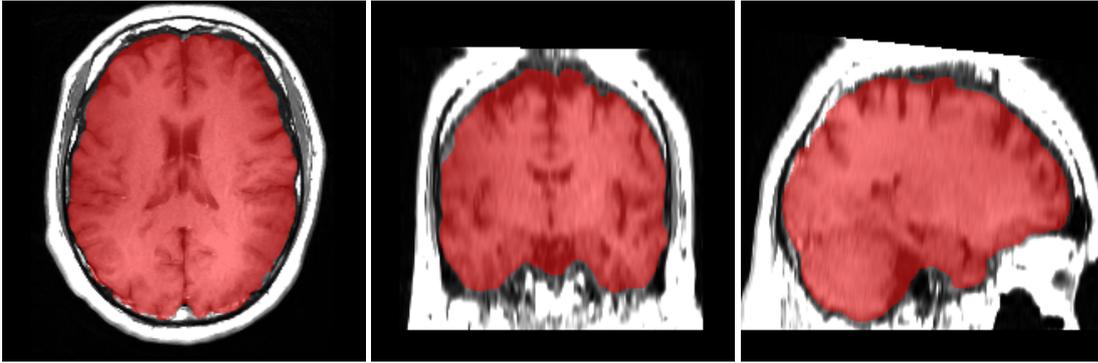
⁴Result images located in the MNI space (neurological orientation).

⁵Values between brackets show expected limits (95%) of normalized volume in function of sex and age for each measure for reference purpose. Values outside the limits are highlighted in red.

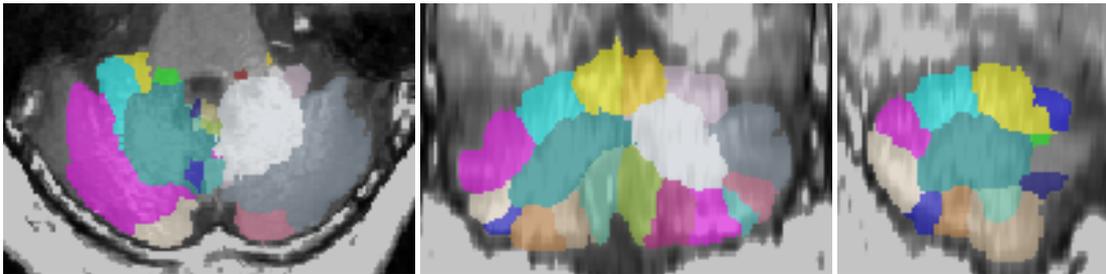
Grey matter vol.	Total (cm³/%)	Right (cm³/%)	Left (cm³/%)	Asym.(%)
<i>Cerebellum</i>	78.94 (6.5859) [5.8347, 7.9509]	40.69 (3.3944) [2.9032, 4.0002]	38.25 (3.1915) [2.9219, 3.9603]	6.1617 [-3.9926, 4.4964]
<i>Lobule I-II</i>	0.02 (0.0017) [0.0010, 0.0113]	0.01 (0.0010) [0.0006, 0.0051]	0.01 (0.0007) [0.0002, 0.0065]	39.4066 [-80.8379, 47.7507]
<i>Lobule III</i>	1.23 (0.1026) [0.0401, 0.0970]	0.57 (0.0474) [0.0189, 0.0482]	0.66 (0.0552) [0.0197, 0.0503]	-22.6095 [-44.0459, 32.2298]
<i>Lobule IV</i>	3.81 (0.3179) [0.1864, 0.3337]	1.95 (0.1630) [0.0852, 0.1664]	1.86 (0.1549) [0.0930, 0.1755]	7.5055 [-43.9872, 26.4302]
<i>Lobule V</i>	5.03 (0.4197) [0.1864, 0.3337]	1.92 (0.1602) [0.0852, 0.1664]	3.11 (0.2596) [0.0930, 0.1755]	-70.0017 [-43.9872, 26.4302]
<i>Lobule VI</i>	11.40 (0.9507) [0.8225, 1.3676]	5.69 (0.4747) [0.3970, 0.6940]	5.71 (0.4760) [0.4122, 0.6869]	-0.4212 [-23.0122, 20.8945]
<i>Lobule Crus I</i>	18.75 (1.5642) [1.1636, 1.9856]	9.74 (0.8122) [0.5772, 1.0081]	9.01 (0.7520) [0.5684, 0.9955]	11.3603 [-19.4312, 23.2036]
<i>Lobule Crus II</i>	10.92 (0.9114) [0.7004, 1.2908]	6.08 (0.5076) [0.3429, 0.6662]	4.84 (0.4038) [0.3394, 0.6427]	33.6850 [-25.2517, 31.5390]
<i>Lobule VIIB</i>	5.37 (0.4476) [0.4248, 0.7633]	2.99 (0.2493) [0.2068, 0.4009]	2.38 (0.1983) [0.1992, 0.3812]	33.6589 [-31.5906, 43.5820]
<i>Lobule VIIIA</i>	7.84 (0.6543) [0.5979, 0.9543]	4.08 (0.3403) [0.2796, 0.4852]	3.76 (0.3139) [0.2968, 0.4908]	11.9097 [-36.0519, 27.6577]
<i>Lobule VIIIB</i>	7.05 (0.5879) [0.3743, 0.6726]	3.67 (0.3058) [0.1758, 0.3441]	3.38 (0.2821) [0.1787, 0.3483]	11.9196 [-40.2818, 36.7536]
<i>Lobule IX</i>	5.27 (0.4399) [0.2690, 0.5593]	2.80 (0.2336) [0.1337, 0.2855]	2.47 (0.2063) [0.1319, 0.2772]	18.3581 [-17.7942, 24.3391]
<i>Lobule X</i>	1.57 (0.1313) [0.2690, 0.5593]	0.85 (0.0712) [0.1337, 0.2855]	0.72 (0.0601) [0.1319, 0.2772]	25.0423 [-17.7942, 24.3391]

Cortical thickness³	Mean (mm/norm.)	Right (mm/norm.)	Left (mm/norm.)	Asym.(%)
<i>Cerebellum</i>	2.92 (2.750) [4.010, 4.656]	3.18 (2.990) [3.968, 4.660]	2.66 (2.502) [4.034, 4.670]	-17.7550 [-0.0542, 0.0898]
<i>Lobule I-II</i>	2.26 (2.132) [0.245, 2.131]	2.24 (2.111) [0.220, 2.087]	2.28 (2.151) [0.242, 2.181]	1.8444 [-0.4331, 0.6257]
<i>Lobule III</i>	2.15 (2.021) [2.054, 3.657]	1.79 (1.682) [1.960, 3.665]	2.49 (2.340) [2.067, 3.710]	32.5850 [-0.2821, 0.3968]
<i>Lobule IV</i>	2.17 (2.044) [3.943, 4.934]	1.74 (1.636) [3.890, 4.943]	2.64 (2.487) [3.949, 4.962]	41.6403 [-0.1169, 0.1524]
<i>Lobule V</i>	1.82 (1.717) [3.943, 4.934]	1.49 (1.407) [3.890, 4.943]	2.04 (1.921) [3.949, 4.962]	29.9084 [-0.1169, 0.1524]
<i>Lobule VI</i>	2.48 (2.334) [4.072, 4.876]	2.68 (2.526) [4.030, 4.908]	2.27 (2.137) [4.079, 4.877]	-16.6732 [-0.1020, 0.1116]
<i>Lobule Crus I</i>	3.68 (3.467) [3.918, 4.756]	4.22 (3.973) [3.823, 4.776]	3.23 (3.040) [3.957, 4.790]	-26.8991 [-0.1112, 0.1814]
<i>Lobule Crus II</i>	3.65 (3.438) [4.057, 4.768]	4.36 (4.102) [4.023, 4.804]	2.81 (2.649) [4.024, 4.794]	-42.2798 [-0.1418, 0.1385]
<i>Lobule VIIB</i>	3.23 (3.045) [4.117, 4.840]	3.78 (3.562) [4.089, 4.867]	2.48 (2.335) [4.095, 4.859]	-40.3166 [-0.1205, 0.1206]
<i>Lobule VIIIA</i>	2.05 (1.928) [4.092, 4.796]	2.20 (2.071) [4.042, 4.787]	1.87 (1.759) [4.101, 4.841]	-16.1724 [-0.0823, 0.1327]
<i>Lobule VIIIB</i>	2.71 (2.552) [4.102, 4.862]	2.61 (2.458) [4.007, 4.871]	2.83 (2.663) [4.132, 4.912]	8.0243 [-0.1010, 0.1759]
<i>Lobule IX</i>	3.36 (3.160) [2.774, 4.510]	3.50 (3.293) [2.759, 4.543]	3.20 (3.011) [2.742, 4.518]	-8.9245 [-0.2268, 0.2025]
<i>Lobule X</i>	2.44 (2.296) [2.774, 4.510]	2.35 (2.209) [2.759, 4.543]	2.57 (2.415) [2.742, 4.518]	8.9682 [-0.2268, 0.2025]

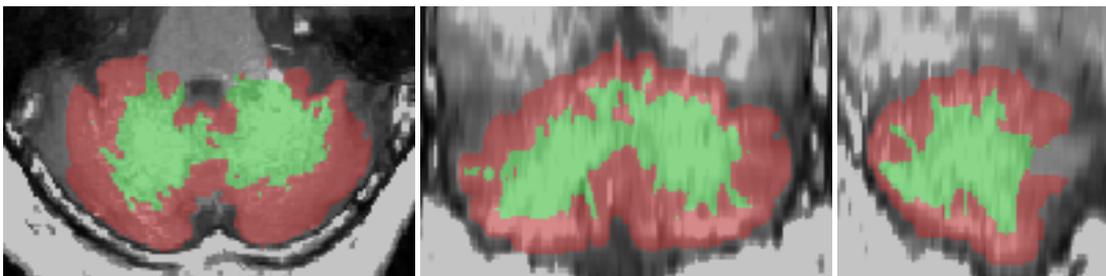
Intracranial cavity segmentation⁴



Lobule segmentation



Tissue segmentation



Cortical thickness

