

HIPS volumetry report

version 1.0 release 25-10-2017.

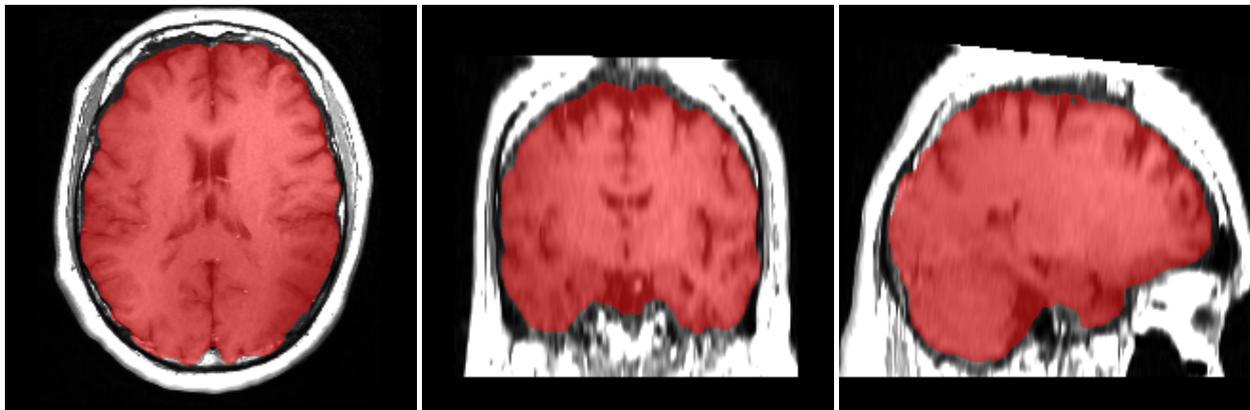
Patient ID	Sex	Age	Report Date
job1938122	Male	47	14-Jan-2026

Image Information	
Orientation ¹	radiological
Scale factor	0.67
Total intracranial volume (cm ³)	1193.68

Segmentation protocol: Winterburn²

Volumes ³	Total (cm ³ /%)	Right (cm ³ /%)	Left (cm ³ /%)	Asym.(%) ⁴
Hippocampus	0.79 (0.0663) [0.28 - 0.42] ⁵	0.37 (0.0308) [0.14 - 0.22]	0.42 (0.0355) [0.14 - 0.21]	-14.2735 [-19.12 - 14.50]
CA1	0.31 (0.0259) [0.09 - 0.15]	0.20 (0.0163) [0.05 - 0.08]	0.11 (0.0095) [0.04 - 0.07]	52.5225 [-24.78 - 20.14]
CA2-CA3	0.07 (0.0056) [0.02 - 0.03]	0.01 (0.0006) [0.01 - 0.02]	0.06 (0.0050) [0.01 - 0.02]	-159.9493 [-57.93 - 22.64]
CA4-DG	0.18 (0.0153) [0.07 - 0.11]	0.03 (0.0022) [0.04 - 0.06]	0.16 (0.0131) [0.03 - 0.06]	-141.7745 [-33.66 - 21.68]
SR-SL-SM	0.06 (0.0047) [0.05 - 0.09]	0.04 (0.0031) [0.03 - 0.05]	0.02 (0.0016) [0.03 - 0.04]	65.4600 [-28.24 - 31.40]
Subiculum	0.18 (0.0149) [0.03 - 0.05]	0.10 (0.0085) [0.01 - 0.03]	0.08 (0.0063) [0.02 - 0.03]	29.9287 [-17.10 - 32.31]

Intracranial cavity extraction



¹Result images located in the MNI space (neurological orientation).

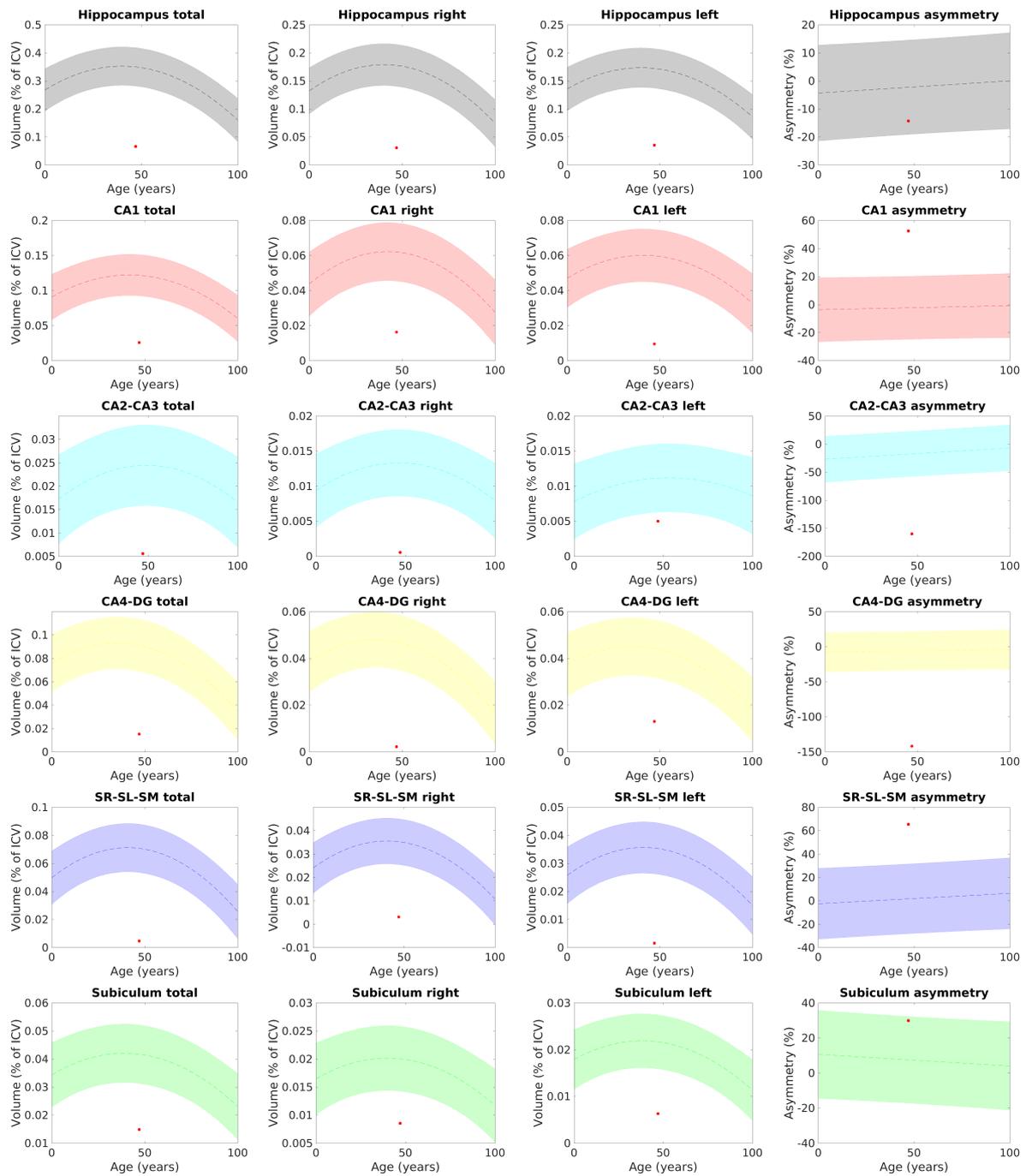
²For details about the segmentation protocol see the paper: Winterburn, J.L., Pruessner, J.C., Chavez, S., Schira, M.M., Lobaugh, N.J., Voineskos, A.N., Chakravarty, M.M., 2013. A novel in vivo atlas of human hippocampal subfields using high-resolution 3 T magnetic resonance imaging. *NeuroImage* 74, 254 - 265.

³All the volumes are presented in absolute value (measured in cm³) and in relative value (measured in relation to the ICV).

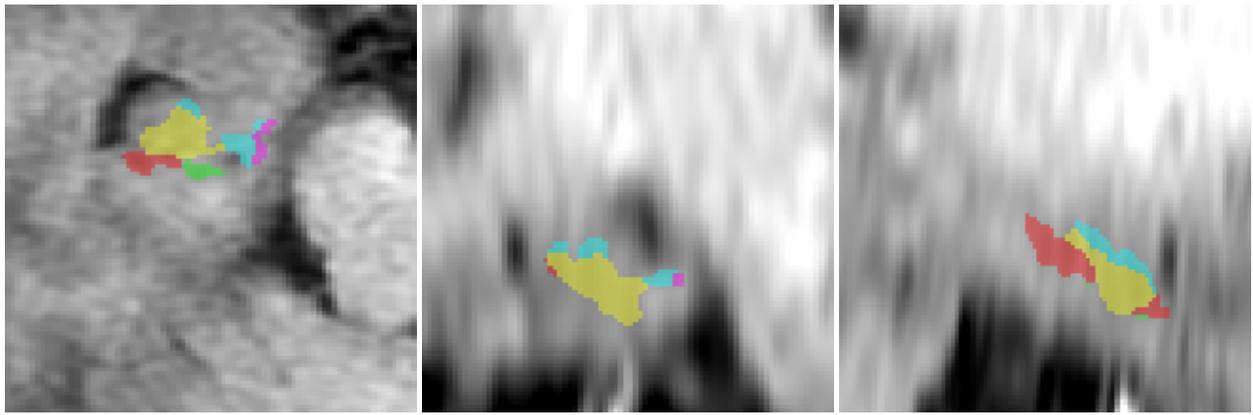
⁴The Asymmetry Index is calculated as the difference between right and left volumes divided by their mean (in percent).

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.

Expected volumes



Left hippocampus



Right hippocampus

