

Patient ID	Sex	Age	Report Date
job217270t1	Male	75	06-Jun-2020

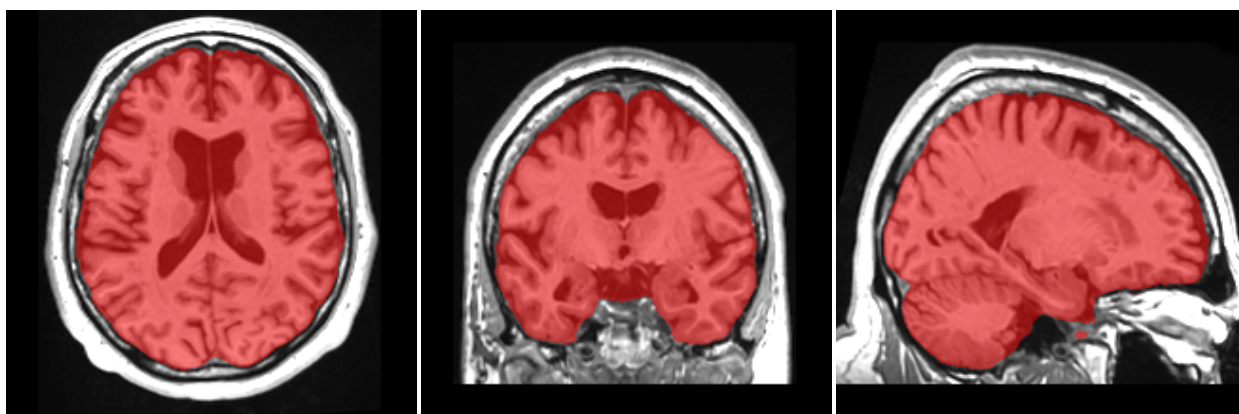
Image Information

Orientation ¹	neurological
Scale factor	0.82
Total intracranial volume (cm ³)	1479.41

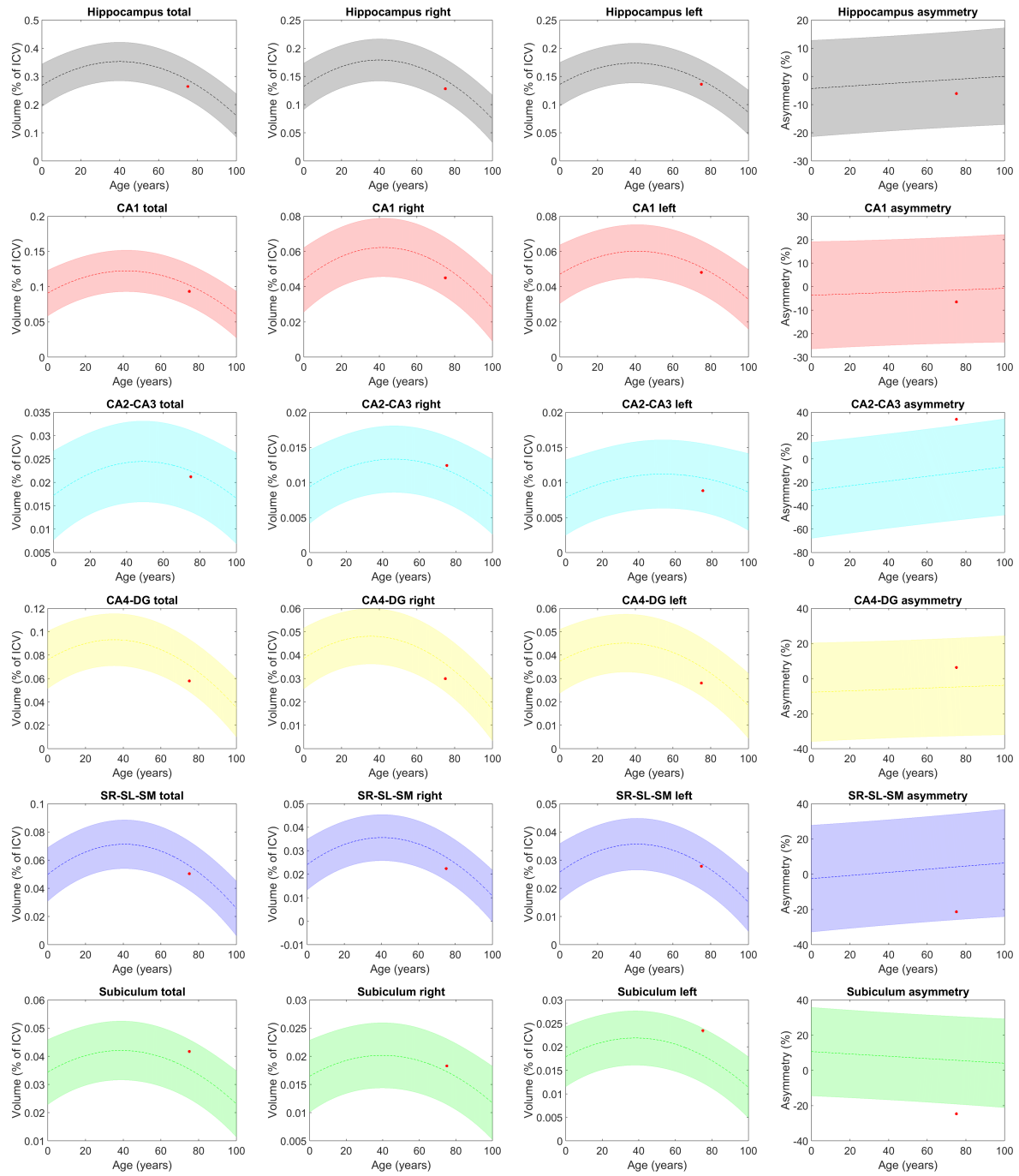
Segmentation protocol: Winterburn²

Volumes ³	Total (cm ³ /%)	Right (cm ³ /%)	Left (cm ³ /%)	Asym.(%) ⁴
<i>Hippocampus</i>	3.92 (0.2646) [0.22 - 0.36]	1.90 (0.1283) [0.11 - 0.18]	2.02 (0.1364) [0.11 - 0.18]	-6.1045 [-17.98 - 15.81]
<i>CA1</i>	1.38 (0.0933) [0.07 - 0.13]	0.67 (0.0451) [0.04 - 0.07]	0.71 (0.0481) [0.04 - 0.07]	-6.4735 [-24.06 - 21.08]
<i>CA2-CA3</i>	0.31 (0.0212) [0.01 - 0.03]	0.18 (0.0124) [0.01 - 0.02]	0.13 (0.0088) [0.01 - 0.02]	34.0039 [-52.49 - 28.47]
<i>CA4-DG</i>	0.86 (0.0580) [0.05 - 0.09]	0.44 (0.0299) [0.03 - 0.05]	0.42 (0.0281) [0.02 - 0.05]	6.3918 [-32.68 - 22.93]
<i>SR-SL-SM</i>	0.75 (0.0504) [0.04 - 0.07]	0.33 (0.0225) [0.02 - 0.04]	0.41 (0.0279) [0.02 - 0.04]	-21.3651 [-25.90 - 34.03]
<i>Subiculum</i>	0.62 (0.0417) [0.03 - 0.05]	0.27 (0.0183) [0.01 - 0.02]	0.35 (0.0234) [0.01 - 0.02]	-24.6367 [-19.07 - 30.59]

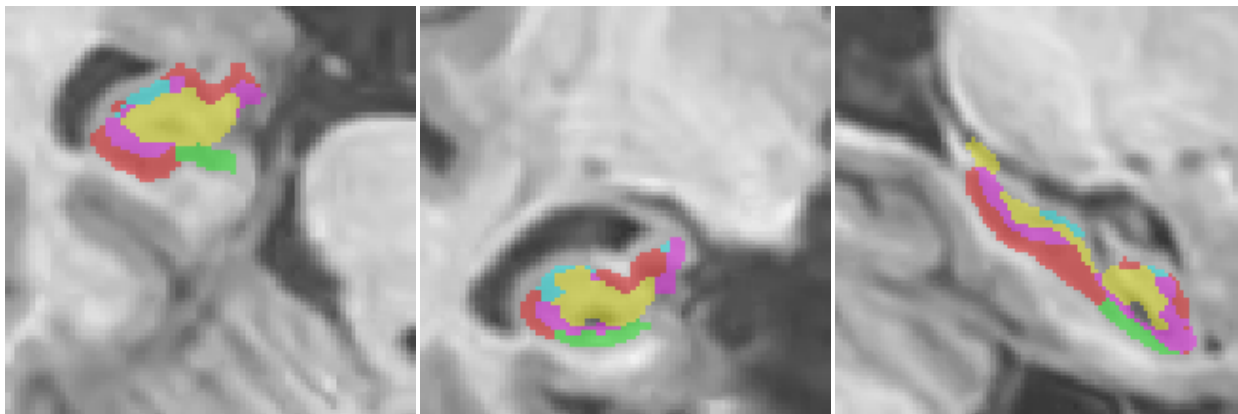
Intracranial cavity extraction



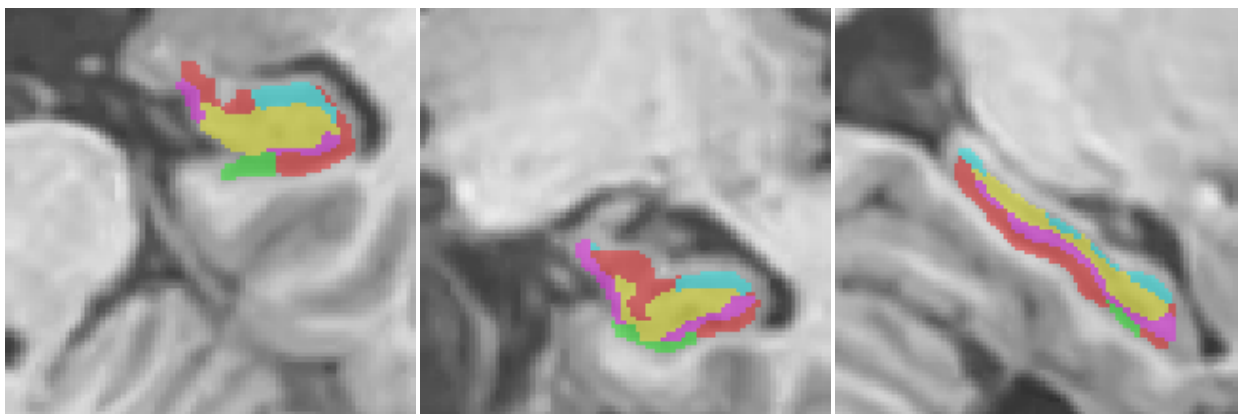
Expected volumes



Left hippocampus



Right hippocampus



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 cm^3) 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).