

Patient ID	Sex	Age	Report Date
job217488t1	Male	86	07-Jun-2020

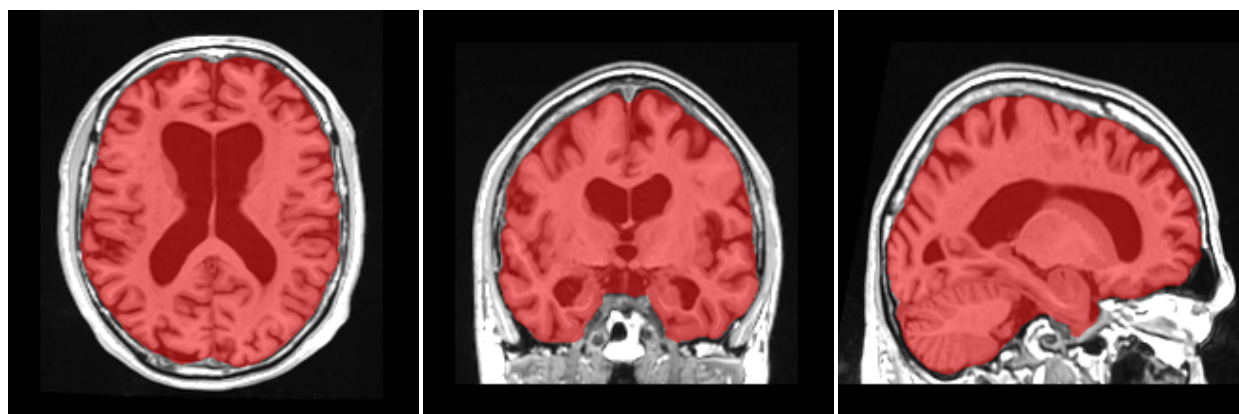
Image Information

Orientation ¹	neurological
Scale factor	0.87
Total intracranial volume (cm ³)	1522.58

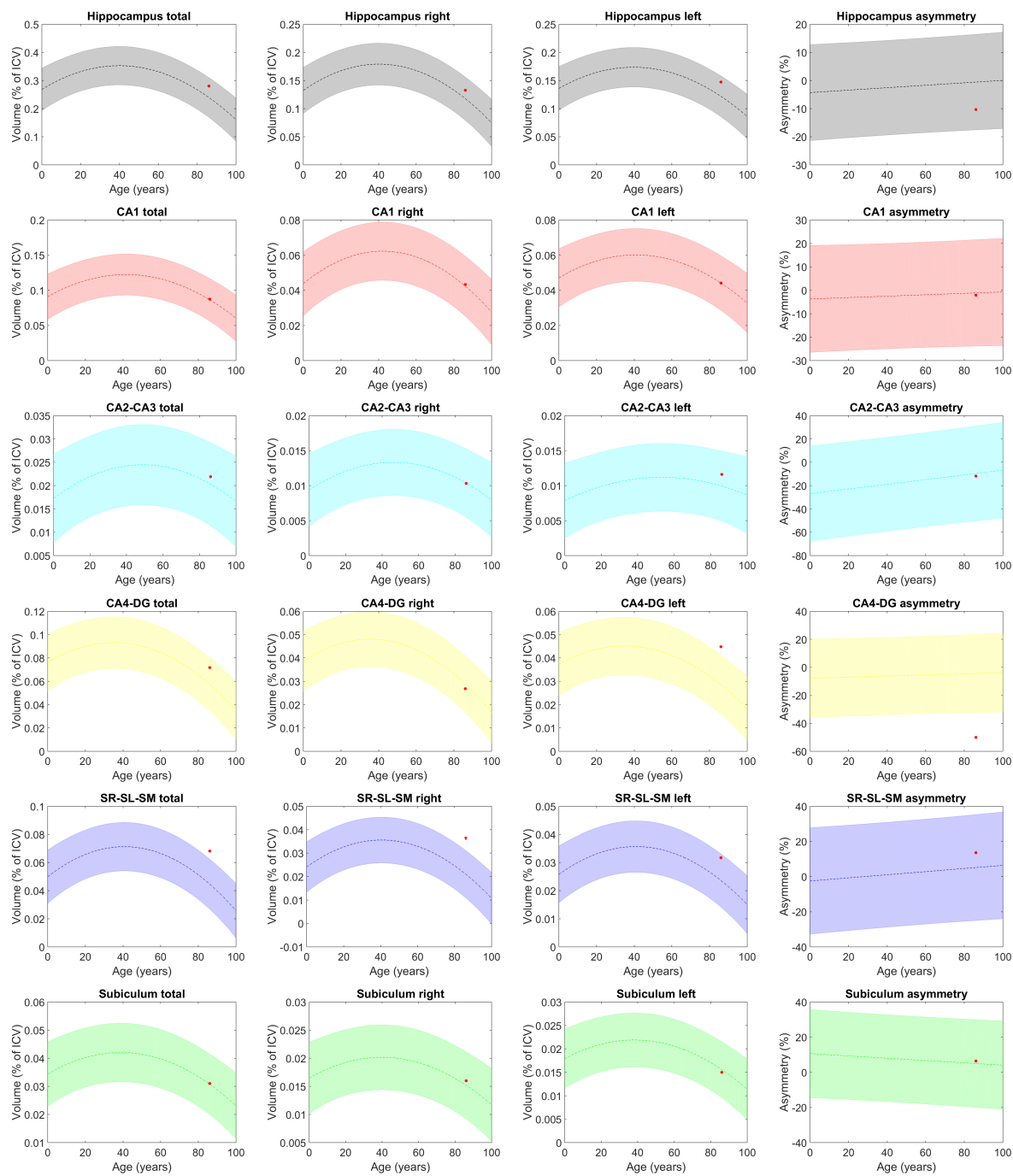
Segmentation protocol: Winterburn²

Volumes ³	Total (cm ³ /%)	Right (cm ³ /%)	Left (cm ³ /%)	Asym.(%) ⁴
<i>Hippocampus</i>	4.27 (0.2807) [0.17 - 0.31]	2.03 (0.1331) [0.08 - 0.16]	2.25 (0.1476) [0.09 - 0.16]	-10.2786 [-17.58 - 16.37]
<i>CA1</i>	1.33 (0.0876) [0.06 - 0.12]	0.66 (0.0433) [0.03 - 0.06]	0.67 (0.0442) [0.03 - 0.06]	-2.0153 [-23.85 - 21.52]
<i>CA2-CA3</i>	0.33 (0.0220) [0.01 - 0.03]	0.16 (0.0103) [0.01 - 0.02]	0.18 (0.0116) [0.01 - 0.02]	-11.7266 [-50.47 - 30.89]
<i>CA4-DG</i>	1.09 (0.0718) [0.04 - 0.08]	0.41 (0.0269) [0.02 - 0.04]	0.68 (0.0449) [0.02 - 0.04]	-49.9950 [-32.38 - 23.51]
<i>SR-SL-SM</i>	1.04 (0.0683) [0.03 - 0.06]	0.56 (0.0365) [0.01 - 0.03]	0.48 (0.0318) [0.01 - 0.03]	13.7198 [-25.07 - 35.16]
<i>Subiculum</i>	0.47 (0.0310) [0.02 - 0.04]	0.24 (0.0160) [0.01 - 0.02]	0.23 (0.0150) [0.01 - 0.02]	6.5551 [-19.91 - 29.99]

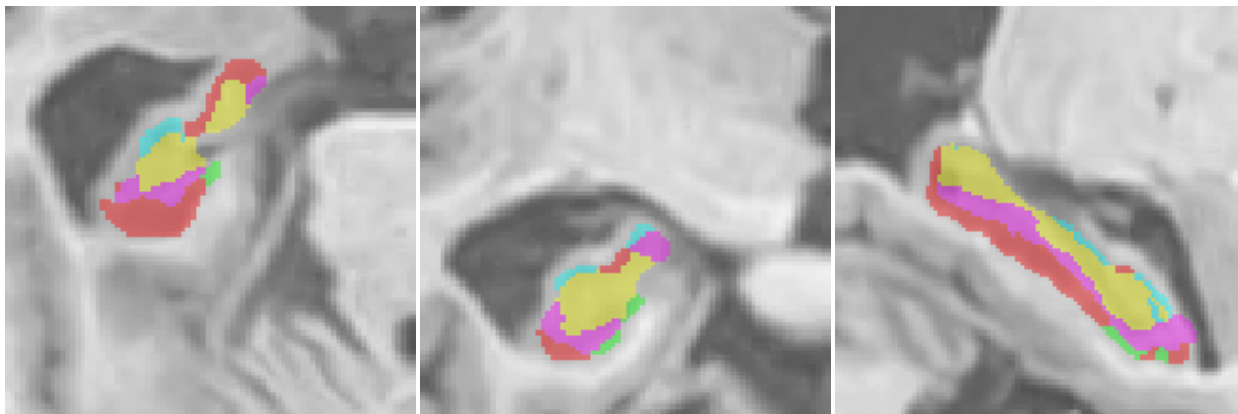
Intracranial cavity extraction



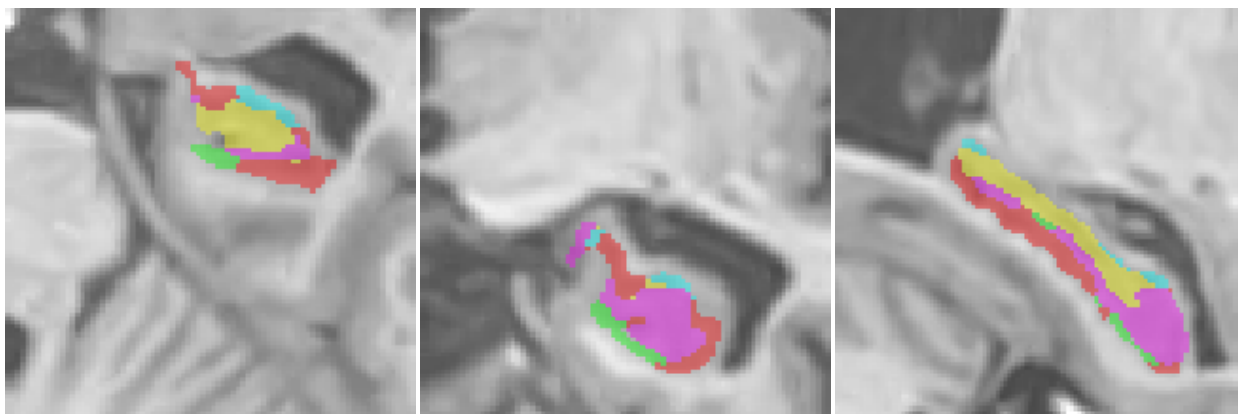
Expected volumes



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).