

Patient ID	Sex	Age	Report Date
job217006t1	Male	73	05-Jun-2020

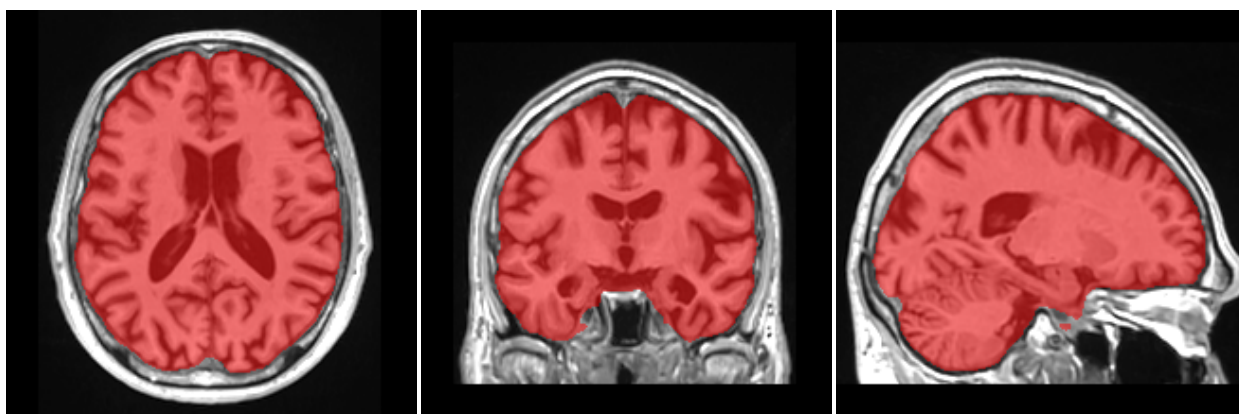
Image Information

Orientation ¹	neurological
Scale factor	0.72
Total intracranial volume (cm ³)	1312.84

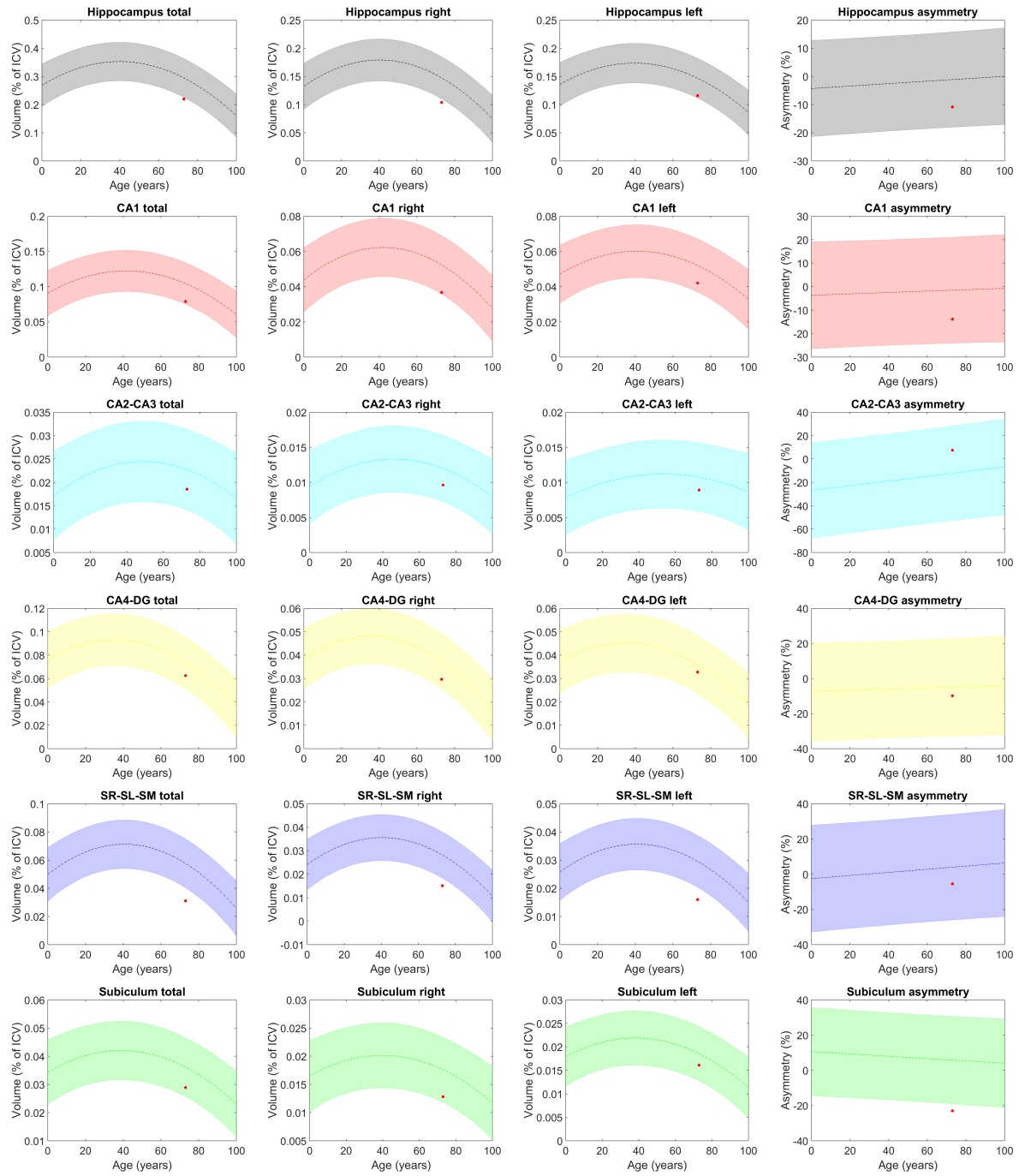
Segmentation protocol: Winterburn²

Volumes ³	Total (cm ³ /%)	Right (cm ³ /%)	Left (cm ³ /%)	Asym.(%) ⁴
<i>Hippocampus</i>	2.89 (0.2200) [0.23 - 0.37]	1.37 (0.1040) [0.11 - 0.19]	1.52 (0.1160) [0.11 - 0.18]	-10.8799 [-18.06 - 15.71]
<i>CA1</i>	1.03 (0.0788) [0.08 - 0.13]	0.48 (0.0367) [0.04 - 0.07]	0.55 (0.0421) [0.04 - 0.07]	-13.7985 [-24.11 - 21.01]
<i>CA2-CA3</i>	0.24 (0.0185) [0.01 - 0.03]	0.13 (0.0096) [0.01 - 0.02]	0.12 (0.0089) [0.01 - 0.02]	7.6809 [-52.86 - 28.04]
<i>CA4-DG</i>	0.82 (0.0625) [0.05 - 0.10]	0.39 (0.0297) [0.03 - 0.05]	0.43 (0.0328) [0.02 - 0.05]	-9.8260 [-32.74 - 22.83]
<i>SR-SL-SM</i>	0.41 (0.0311) [0.04 - 0.08]	0.20 (0.0152) [0.02 - 0.04]	0.21 (0.0160) [0.02 - 0.04]	-5.4030 [-26.06 - 33.83]
<i>Subiculum</i>	0.38 (0.0289) [0.03 - 0.05]	0.17 (0.0128) [0.01 - 0.02]	0.21 (0.0161) [0.01 - 0.02]	-22.9896 [-18.92 - 30.71]

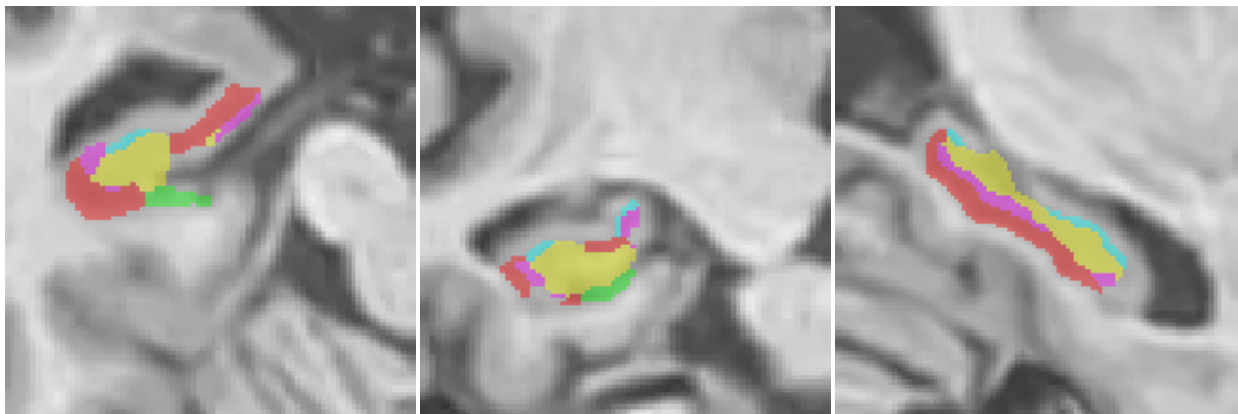
Intracranial cavity extraction



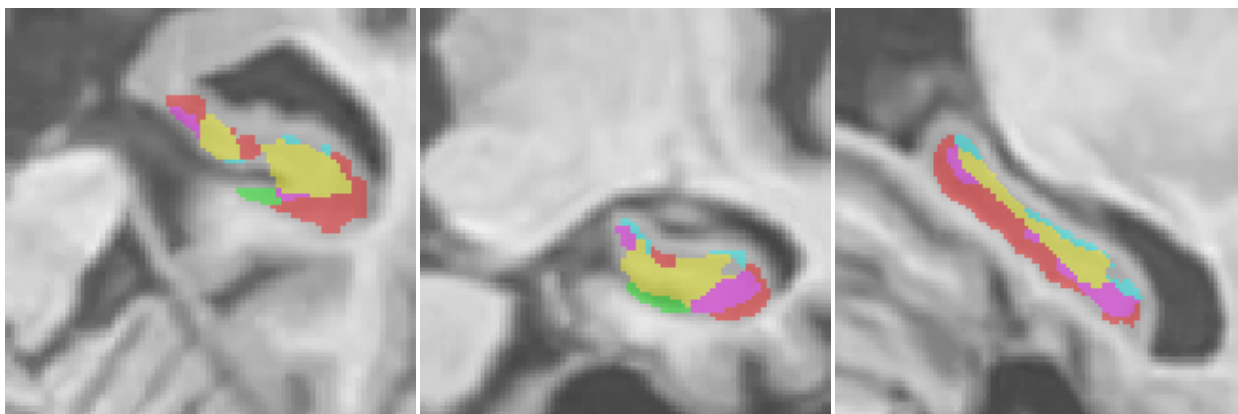
Expected volumes



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).