

Patient ID	Sex	Age	Report Date
job217633t1	Male	90	07-Jun-2020

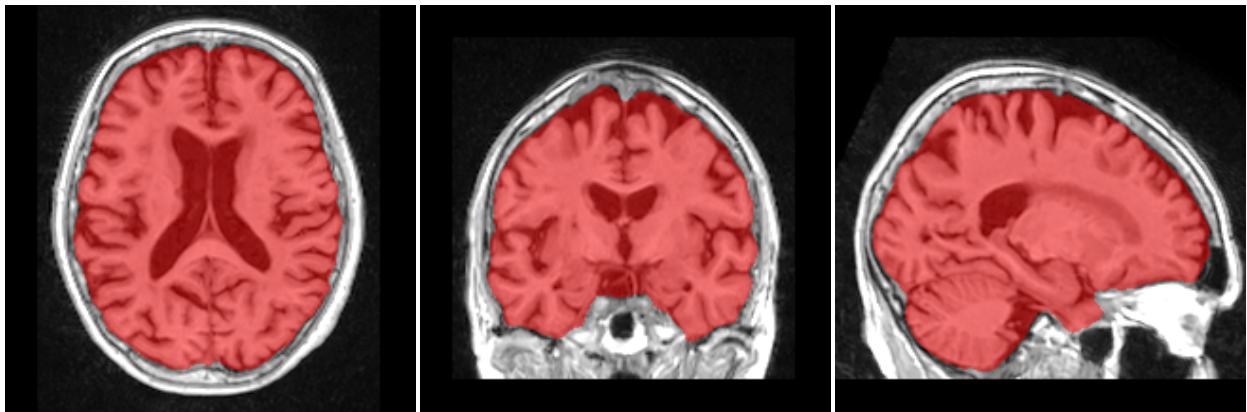
Image Information

Orientation ¹	neurological
Scale factor	0.74
Total intracranial volume (cm ³)	1396.68

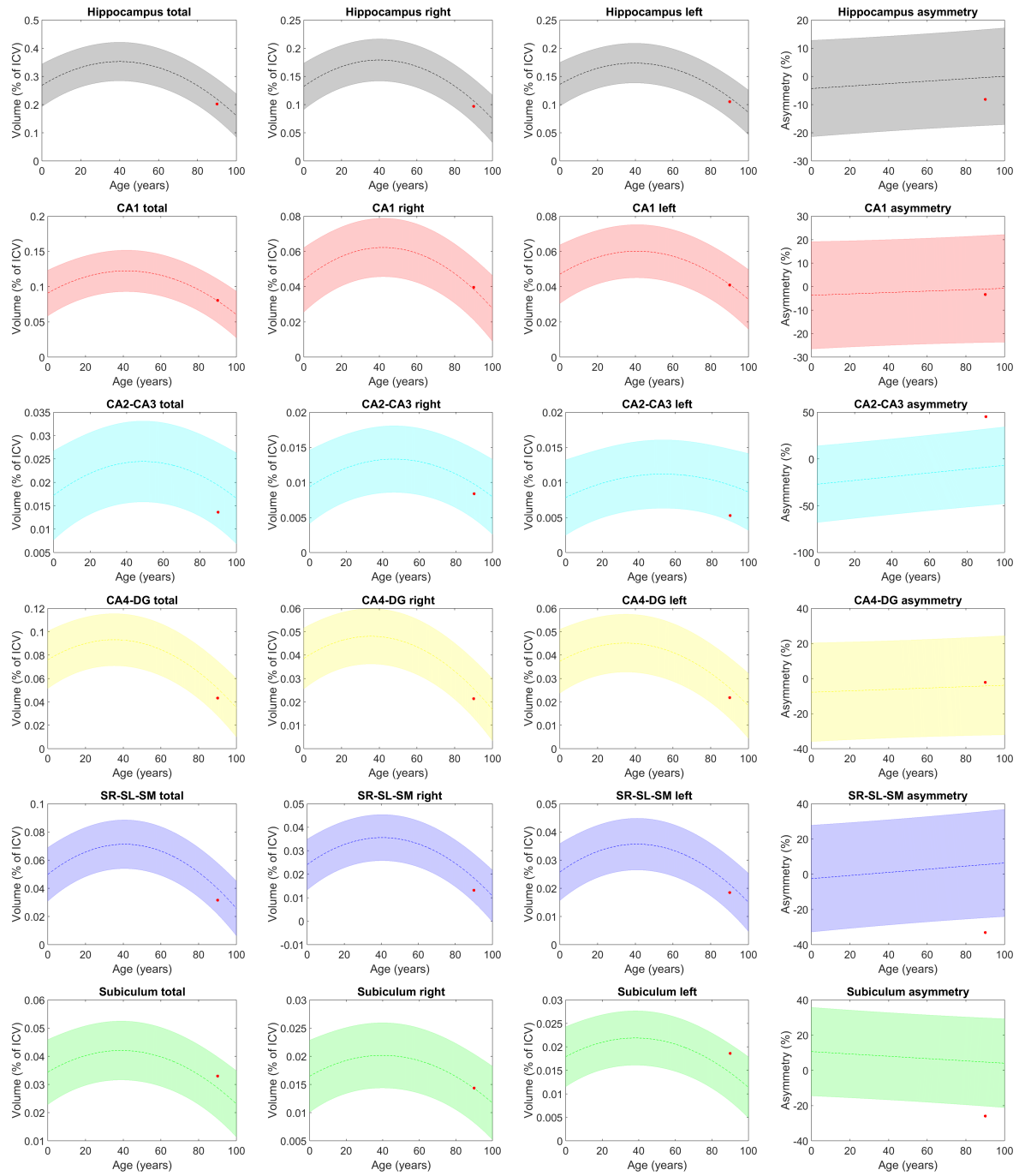
Segmentation protocol: Winterburn²

Volumes ³	Total (cm ³ /%)	Right (cm ³ /%)	Left (cm ³ /%)	Asym.(%) ⁴
<i>Hippocampus</i>	2.83 (0.2025) [0.15 - 0.30]	1.36 (0.0972) [0.07 - 0.15]	1.47 (0.1053) [0.08 - 0.15]	-8.0616 [-17.45 - 16.58]
<i>CA1</i>	1.13 (0.0806) [0.05 - 0.11]	0.55 (0.0397) [0.02 - 0.06]	0.57 (0.0410) [0.03 - 0.06]	-3.2391 [-23.78 - 21.68]
<i>CA2-CA3</i>	0.19 (0.0137) [0.01 - 0.03]	0.12 (0.0084) [0.00 - 0.01]	0.07 (0.0053) [0.00 - 0.01]	45.2996 [-49.76 - 31.78]
<i>CA4-DG</i>	0.61 (0.0434) [0.03 - 0.08]	0.30 (0.0215) [0.01 - 0.04]	0.31 (0.0219) [0.01 - 0.04]	-2.0581 [-32.28 - 23.73]
<i>SR-SL-SM</i>	0.44 (0.0318) [0.02 - 0.06]	0.19 (0.0133) [0.01 - 0.03]	0.26 (0.0185) [0.01 - 0.03]	-32.9560 [-24.78 - 35.58]
<i>Subiculum</i>	0.46 (0.0330) [0.02 - 0.04]	0.20 (0.0144) [0.01 - 0.02]	0.26 (0.0186) [0.01 - 0.02]	-25.8729 [-20.23 - 29.78]

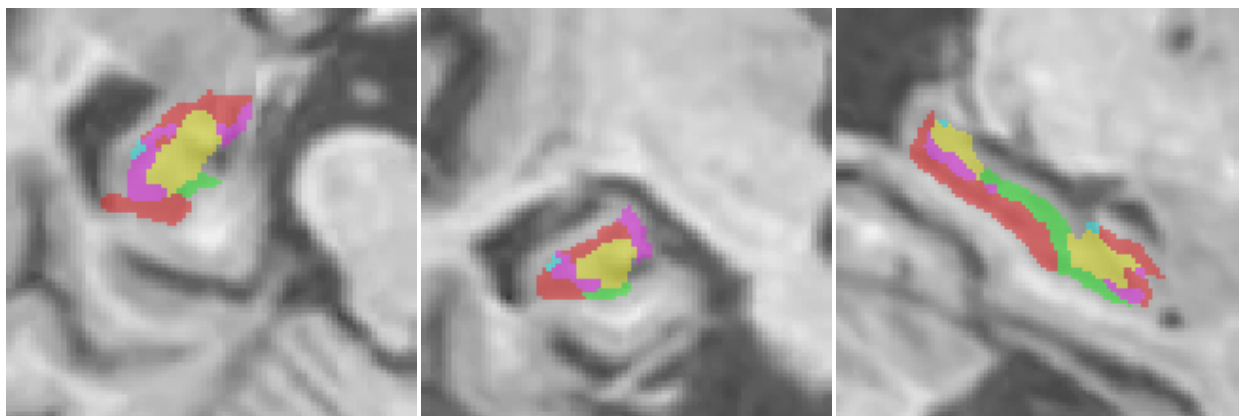
Intracranial cavity extraction



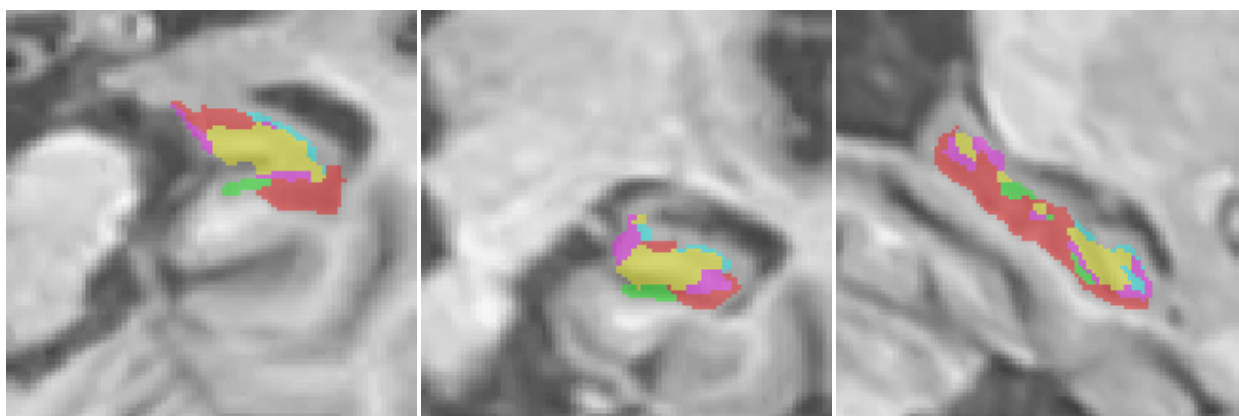
Expected volumes



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).