

Patient ID	Sex	Age	Report Date
job217306t1	Male	77	06-Jun-2020

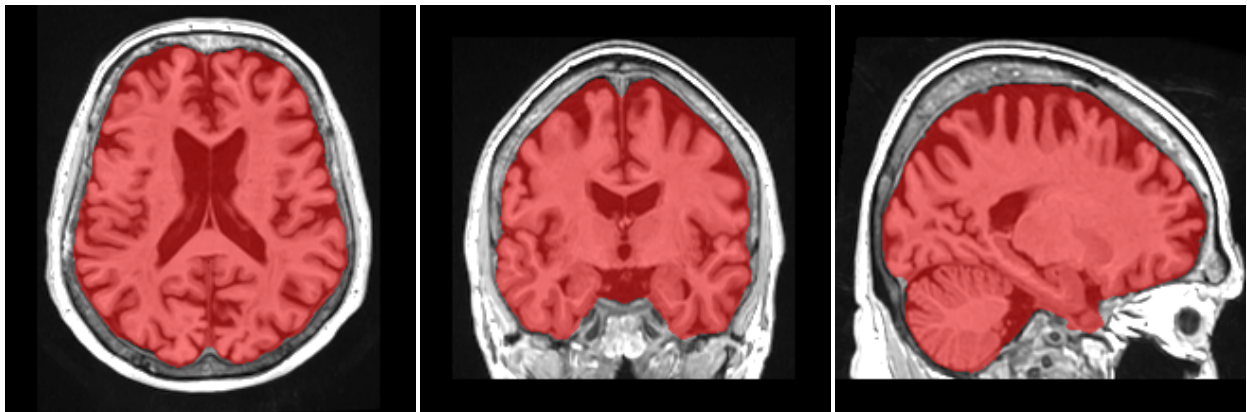
Image Information

Orientation ¹	neurological
Scale factor	0.80
Total intracranial volume (cm ³)	1476.83

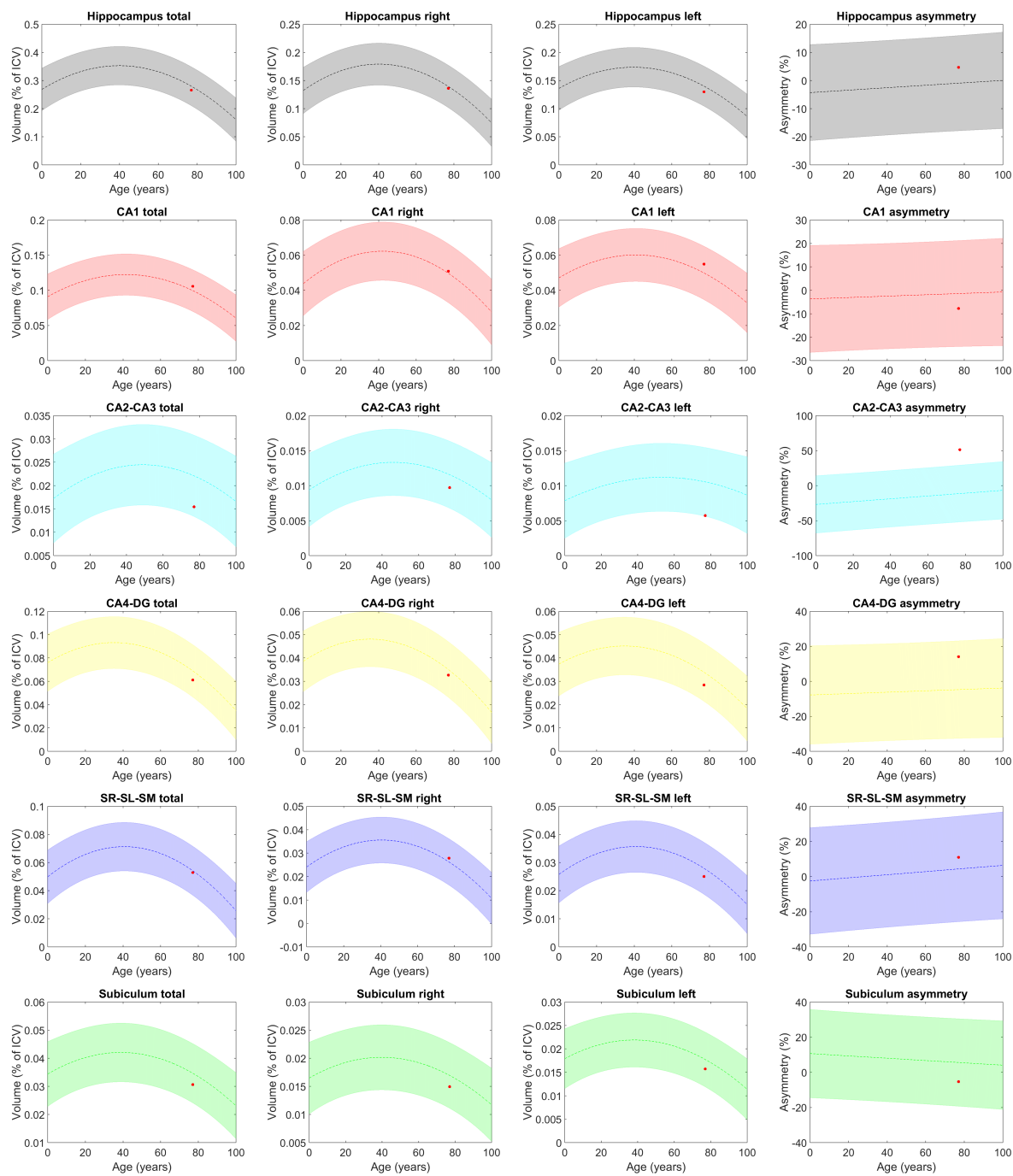
Segmentation protocol: Winterburn²

Volumes ³	Total (cm ³ /%)	Right (cm ³ /%)	Left (cm ³ /%)	Asym.(%) ⁴
<i>Hippocampus</i>	3.93 (0.2662) [0.21 - 0.35]	2.01 (0.1363) [0.10 - 0.18]	1.92 (0.1299) [0.11 - 0.18]	4.7637 [-17.91 - 15.91]
<i>CA1</i>	1.56 (0.1060) [0.07 - 0.13]	0.75 (0.0509) [0.03 - 0.07]	0.81 (0.0550) [0.04 - 0.07]	-7.7131 [-24.02 - 21.16]
<i>CA2-CA3</i>	0.23 (0.0154) [0.01 - 0.03]	0.14 (0.0097) [0.01 - 0.02]	0.08 (0.0057) [0.01 - 0.02]	51.6101 [-52.12 - 28.91]
<i>CA4-DG</i>	0.90 (0.0612) [0.05 - 0.09]	0.48 (0.0327) [0.02 - 0.05]	0.42 (0.0284) [0.02 - 0.05]	14.1410 [-32.62 - 23.03]
<i>SR-SL-SM</i>	0.78 (0.0530) [0.04 - 0.07]	0.41 (0.0279) [0.02 - 0.04]	0.37 (0.0250) [0.02 - 0.04]	11.0568 [-25.75 - 34.23]
<i>Subiculum</i>	0.45 (0.0307) [0.02 - 0.05]	0.22 (0.0149) [0.01 - 0.02]	0.23 (0.0157) [0.01 - 0.02]	-5.2854 [-19.22 - 30.48]

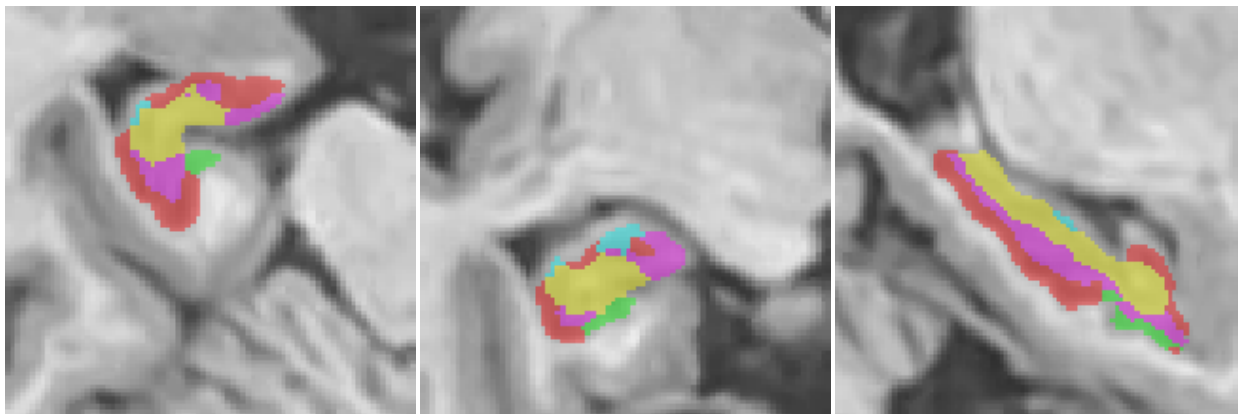
Intracranial cavity extraction



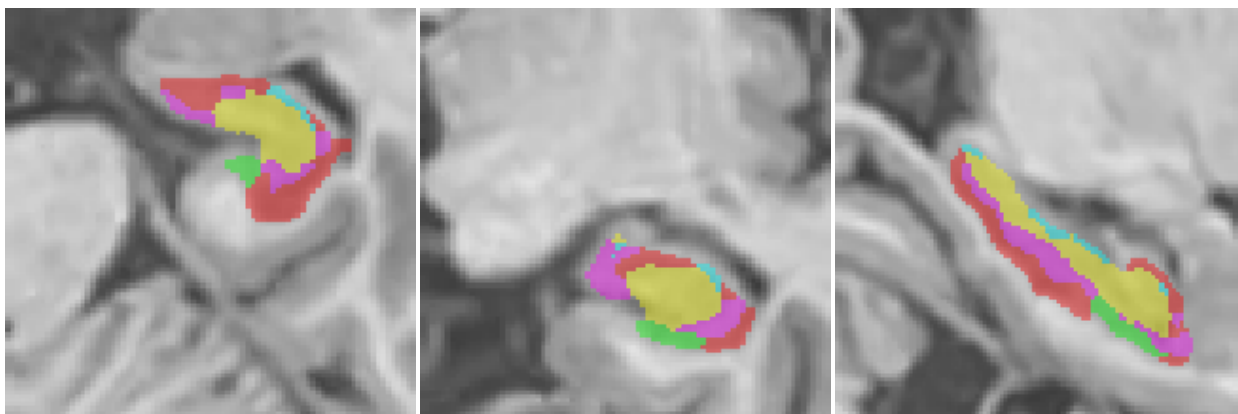
Expected volumes



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).