

Patient ID	Sex	Age	Report Date
job217314t1	Male	78	06-Jun-2020

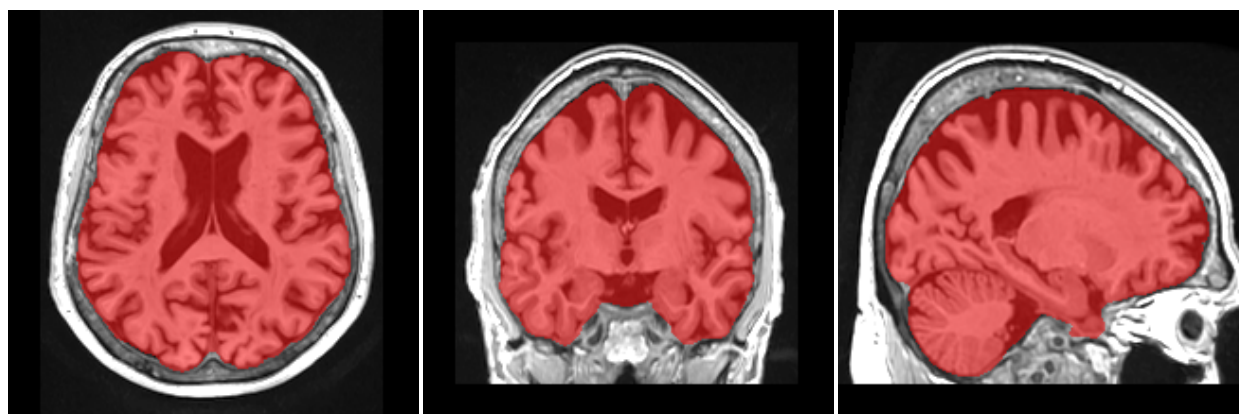
Image Information

Orientation ¹	neurological
Scale factor	0.81
Total intracranial volume (cm ³)	1483.76

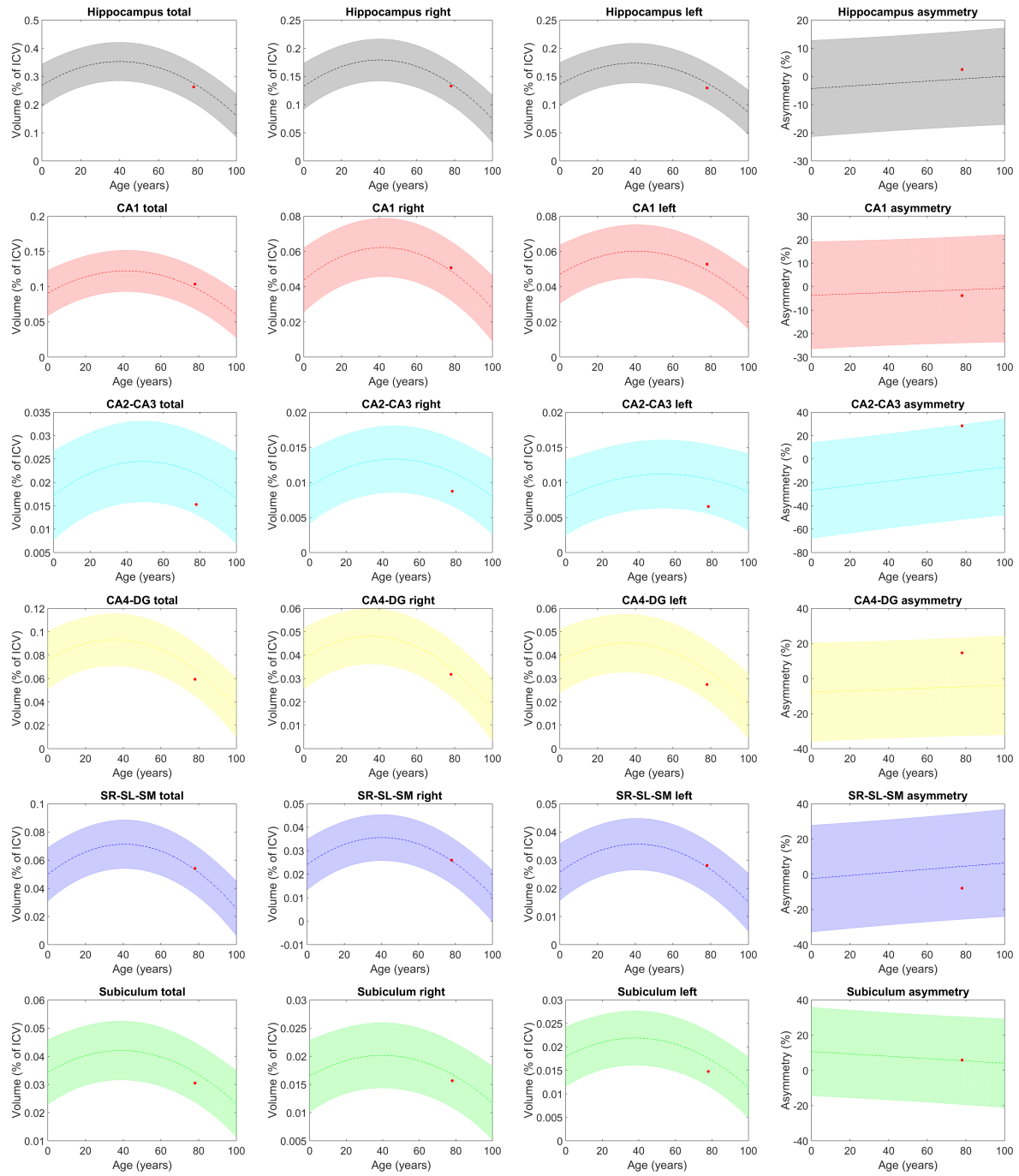
Segmentation protocol: Winterburn²

Volumes ³	Total (cm ³ /%)	Right (cm ³ /%)	Left (cm ³ /%)	Asym.(%) ⁴
<i>Hippocampus</i>	3.90 (0.2630) [0.21 - 0.35]	1.98 (0.1331) [0.10 - 0.18]	1.93 (0.1298) [0.10 - 0.18]	2.5175 [-17.87 - 15.96]
<i>CA1</i>	1.54 (0.1037) [0.07 - 0.13]	0.75 (0.0508) [0.03 - 0.07]	0.78 (0.0528) [0.03 - 0.07]	-3.8108 [-24.00 - 21.20]
<i>CA2-CA3</i>	0.23 (0.0153) [0.01 - 0.03]	0.13 (0.0088) [0.01 - 0.02]	0.10 (0.0066) [0.01 - 0.02]	28.5207 [-51.93 - 29.13]
<i>CA4-DG</i>	0.88 (0.0593) [0.05 - 0.09]	0.47 (0.0318) [0.02 - 0.05]	0.41 (0.0275) [0.02 - 0.05]	14.7238 [-32.59 - 23.08]
<i>SR-SL-SM</i>	0.80 (0.0542) [0.04 - 0.07]	0.39 (0.0260) [0.02 - 0.04]	0.42 (0.0282) [0.02 - 0.04]	-7.9920 [-25.67 - 34.33]
<i>Subiculum</i>	0.45 (0.0305) [0.02 - 0.05]	0.23 (0.0157) [0.01 - 0.02]	0.22 (0.0148) [0.01 - 0.02]	5.9008 [-19.29 - 30.42]

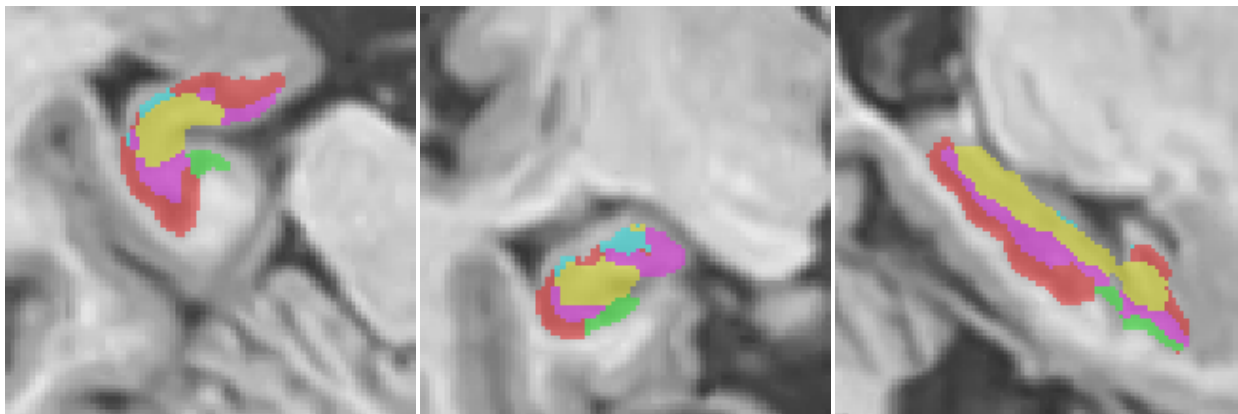
Intracranial cavity extraction



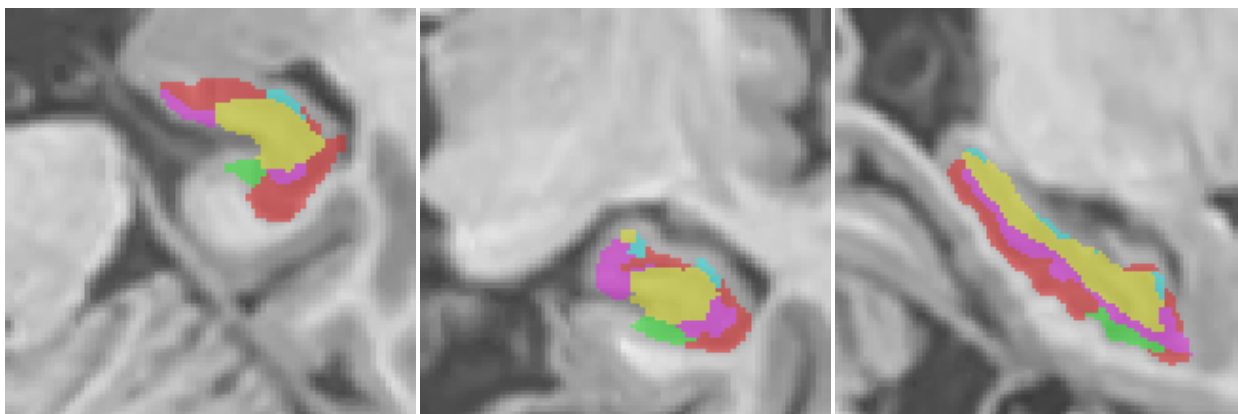
Expected volumes



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).