

Patient ID	Sex	Age	Report Date
job217320t1	Male	79	06-Jun-2020

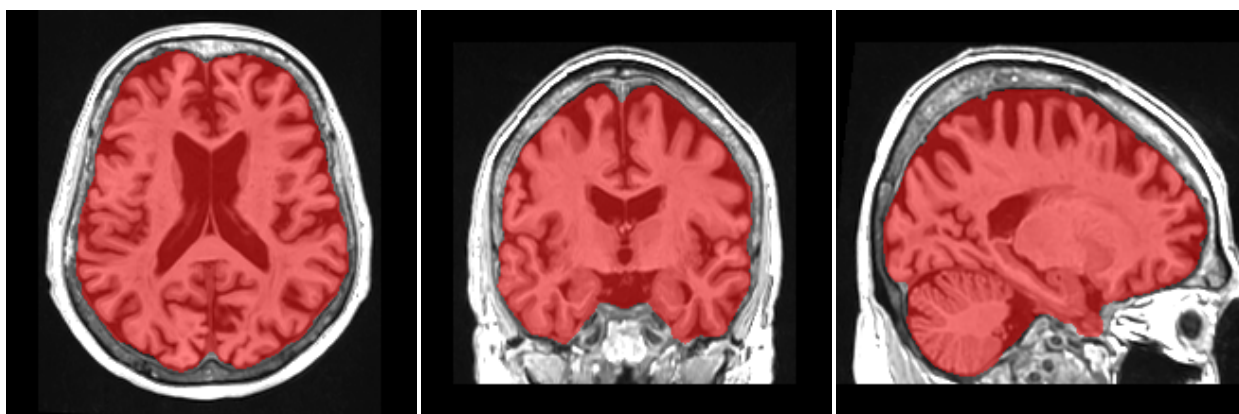
## Image Information

Orientation <sup>1</sup>	neurological
Scale factor	0.82
Total intracranial volume (cm <sup>3</sup> )	1490.67

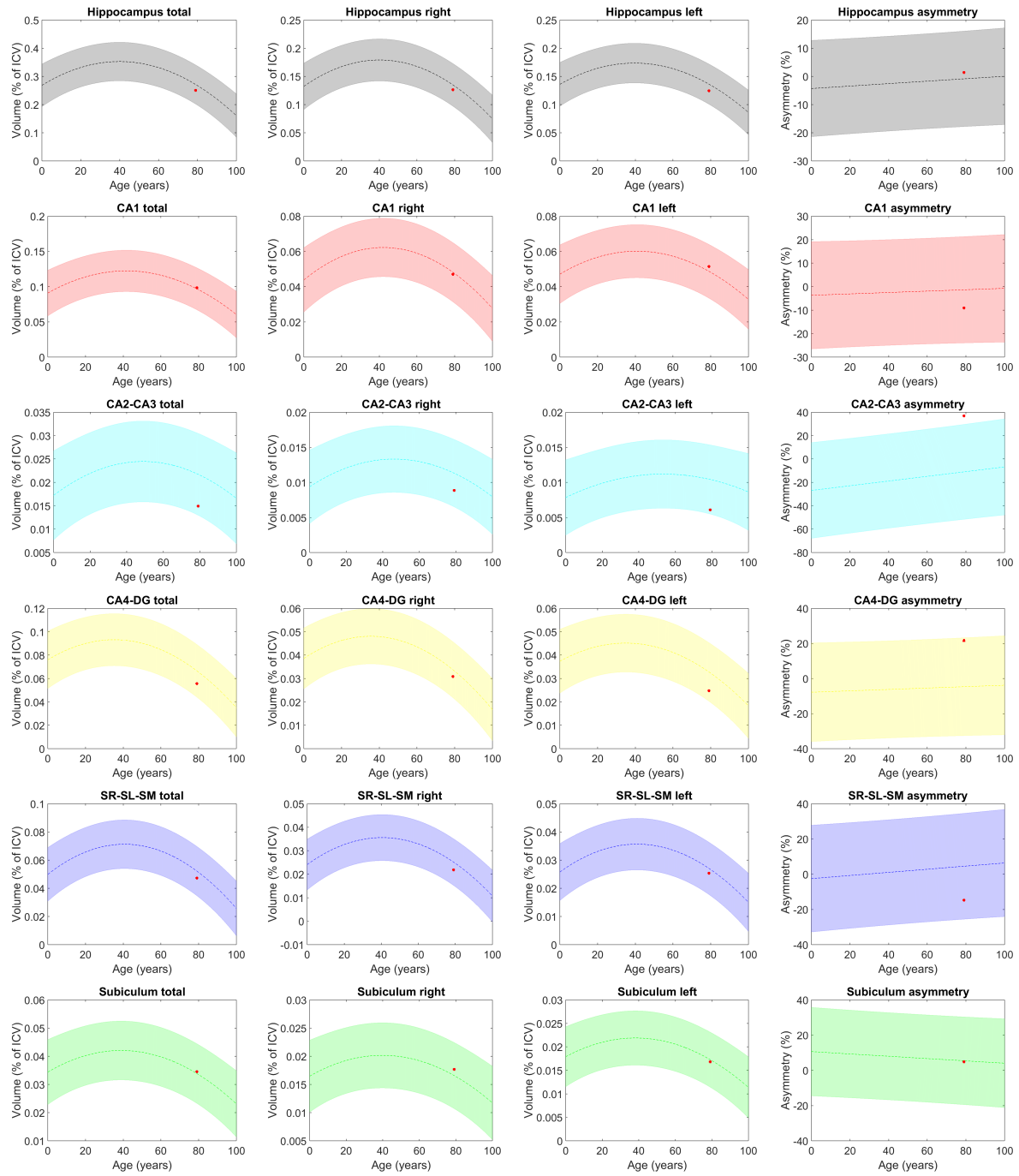
## Segmentation protocol: Winterburn<sup>2</sup>

Volumes <sup>3</sup>	Total (cm <sup>3</sup> /%)	Right (cm <sup>3</sup> /%)	Left (cm <sup>3</sup> /%)	Asym.(%) <sup>4</sup>
<i>Hippocampus</i>	3.75 (0.2512) [ 0.21 - 0.34]	1.89 (0.1265) [ 0.10 - 0.17]	1.86 (0.1247) [ 0.10 - 0.17]	1.4344 [-17.83 - 16.01]
<i>CA1</i>	1.47 (0.0985) [ 0.07 - 0.13]	0.70 (0.0471) [ 0.03 - 0.07]	0.77 (0.0515) [ 0.03 - 0.06]	-8.9702 [-23.98 - 21.23]
<i>CA2-CA3</i>	0.22 (0.0150) [ 0.01 - 0.03]	0.13 (0.0089) [ 0.01 - 0.02]	0.09 (0.0061) [ 0.01 - 0.02]	36.9963 [-51.75 - 29.34]
<i>CA4-DG</i>	0.83 (0.0558) [ 0.05 - 0.09]	0.46 (0.0310) [ 0.02 - 0.05]	0.37 (0.0249) [ 0.02 - 0.05]	21.7695 [-32.56 - 23.14]
<i>SR-SL-SM</i>	0.71 (0.0473) [ 0.04 - 0.07]	0.33 (0.0219) [ 0.02 - 0.04]	0.38 (0.0254) [ 0.02 - 0.04]	-14.6765 [-25.59 - 34.44]
<i>Subiculum</i>	0.52 (0.0346) [ 0.02 - 0.04]	0.26 (0.0177) [ 0.01 - 0.02]	0.25 (0.0169) [ 0.01 - 0.02]	4.9128 [-19.37 - 30.37]

## Intracranial cavity extraction

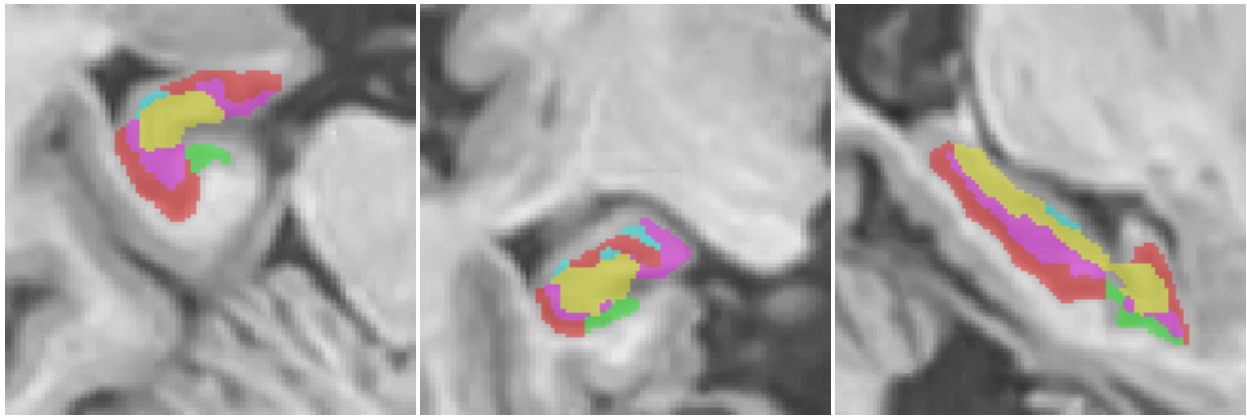


## Expected volumes



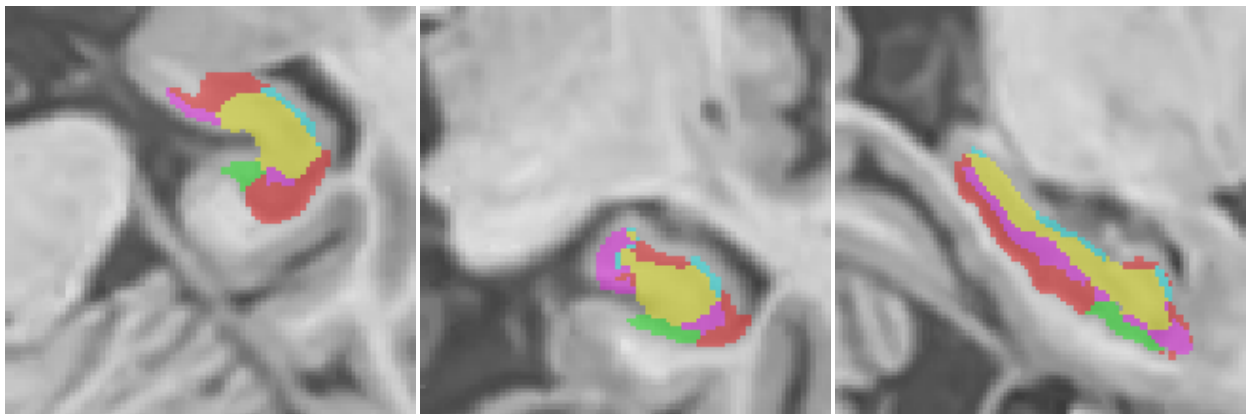
## Left hippocampus

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## Right hippocampus

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<sup>1</sup>Result images located in the MNI space (neurological orientation).

<sup>2</sup>For 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.

<sup>3</sup>All the volumes are presented in absolute value (measured in  $\text{cm}^3$ ) and in relative value (measured in relation to the ICV).

<sup>4</sup>The Asymmetry Index is calculated as the difference between right and left volumes divided by their mean (in percent).