

Patient ID	Sex	Age	Report Date
job217335t1	Male	85	06-Jun-2020

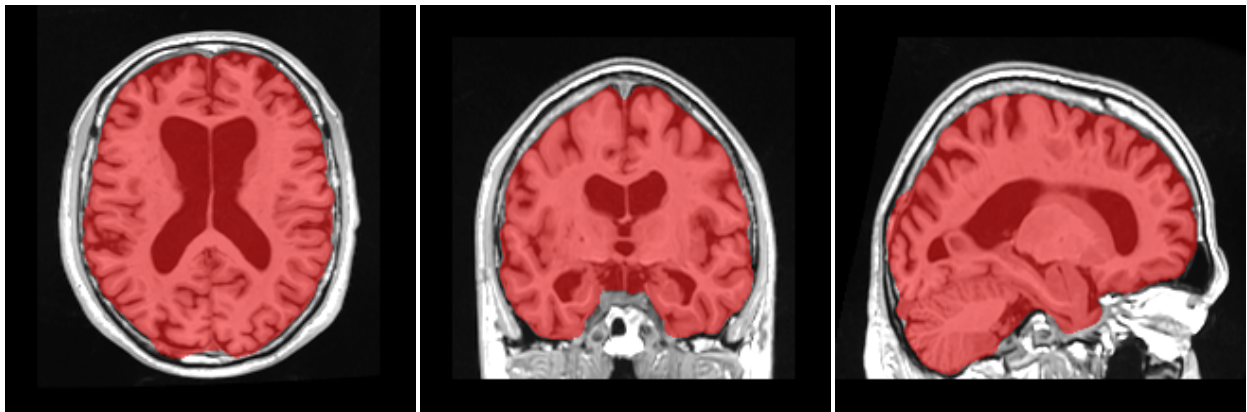
## Image Information

Orientation <sup>1</sup>	neurological
Scale factor	0.91
Total intracranial volume (cm <sup>3</sup> )	1531.60

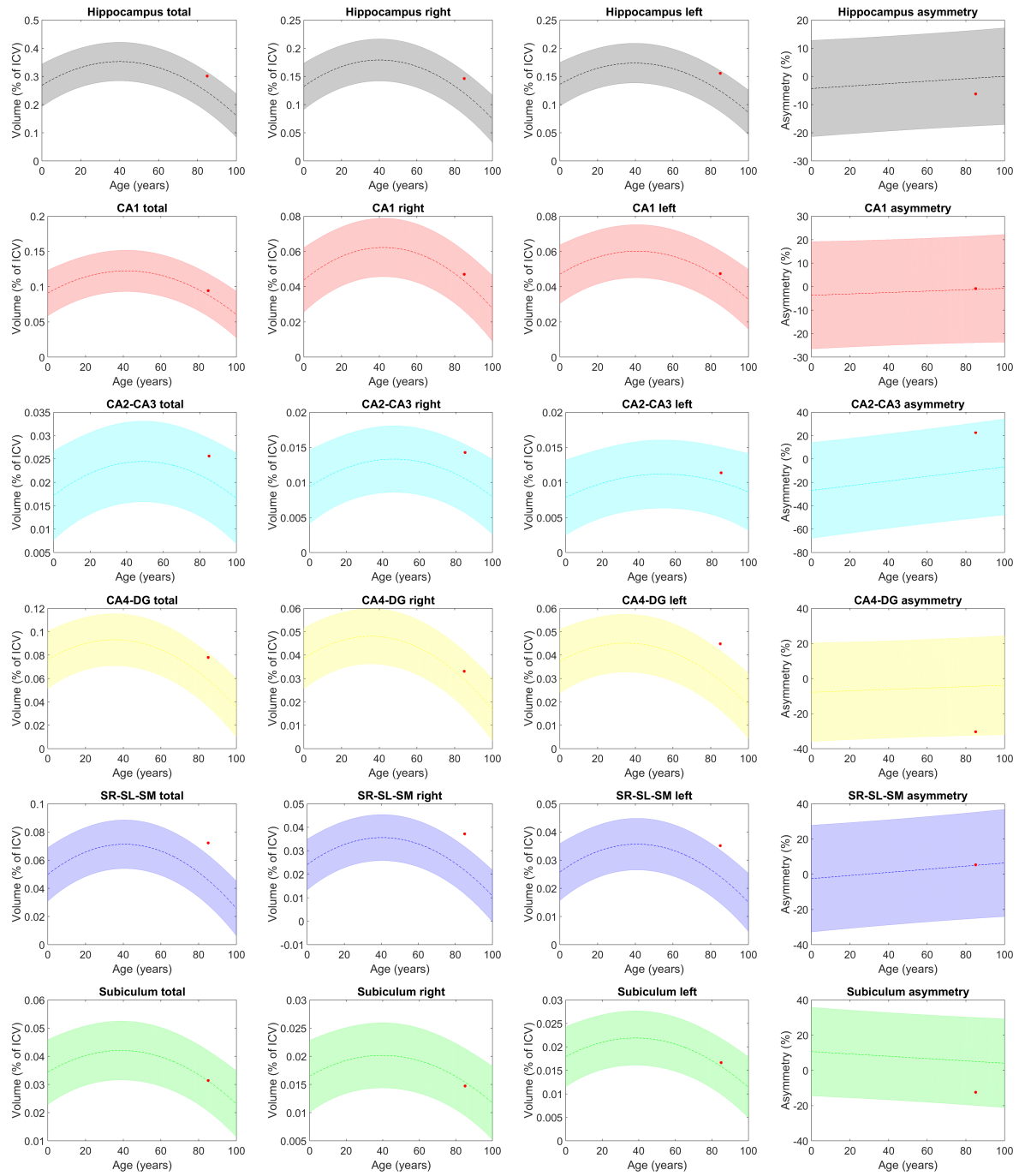
## Segmentation protocol: Winterburn<sup>2</sup>

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>	4.63 (0.3022) [ 0.18 - 0.32]	2.24 (0.1465) [ 0.08 - 0.16]	2.39 (0.1557) [ 0.09 - 0.16]	-6.1345 [-17.62 - 16.32]
<i>CA1</i>	1.45 (0.0946) [ 0.06 - 0.12]	0.72 (0.0471) [ 0.03 - 0.06]	0.73 (0.0475) [ 0.03 - 0.06]	-0.7881 [-23.87 - 21.48]
<i>CA2-CA3</i>	0.39 (0.0257) [ 0.01 - 0.03]	0.22 (0.0143) [ 0.01 - 0.02]	0.17 (0.0114) [ 0.01 - 0.02]	22.5966 [-50.65 - 30.66]
<i>CA4-DG</i>	1.20 (0.0781) [ 0.04 - 0.08]	0.51 (0.0331) [ 0.02 - 0.04]	0.69 (0.0450) [ 0.02 - 0.04]	-30.2301 [-32.40 - 23.45]
<i>SR-SL-SM</i>	1.11 (0.0724) [ 0.03 - 0.06]	0.57 (0.0372) [ 0.01 - 0.03]	0.54 (0.0352) [ 0.02 - 0.03]	5.3776 [-25.15 - 35.05]
<i>Subiculum</i>	0.48 (0.0314) [ 0.02 - 0.04]	0.23 (0.0147) [ 0.01 - 0.02]	0.26 (0.0167) [ 0.01 - 0.02]	-12.3398 [-19.83 - 30.04]

## Intracranial cavity extraction

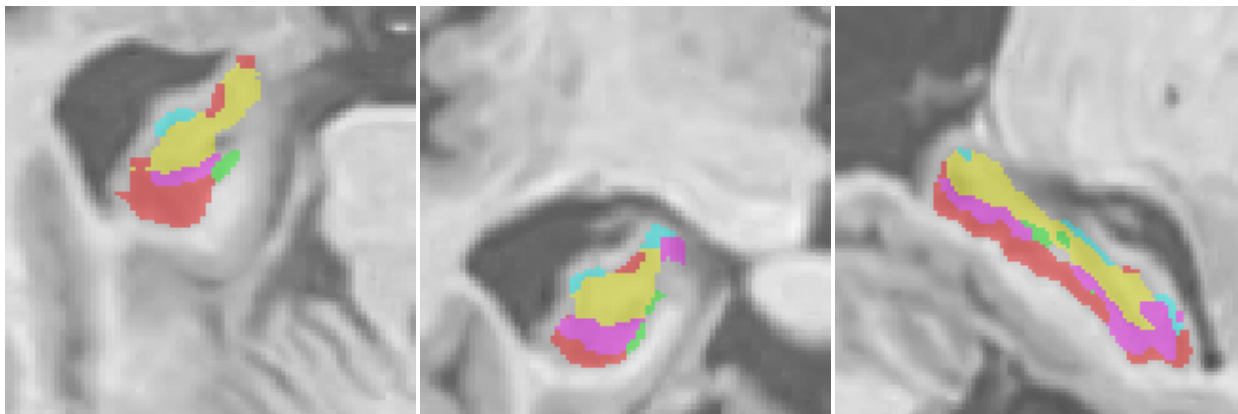


## Expected volumes



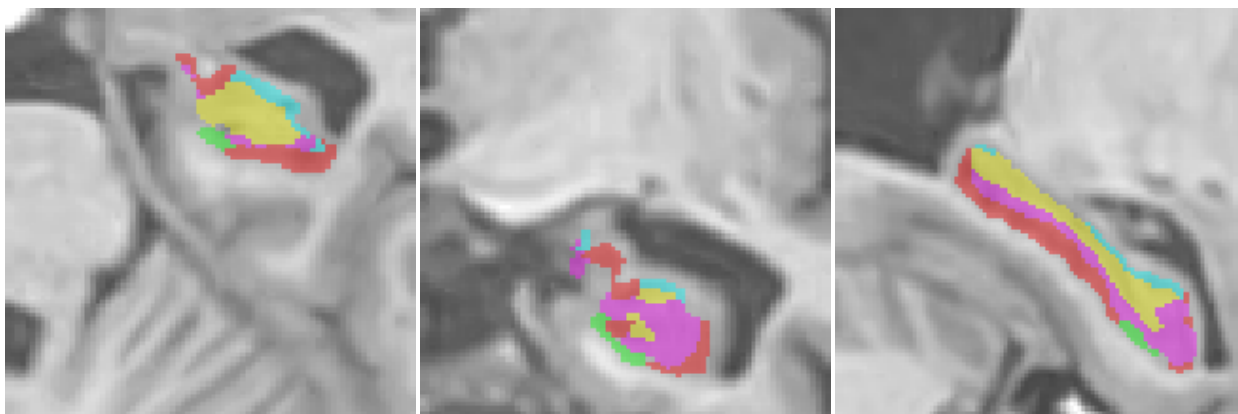
## Left hippocampus

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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).