HIPS volumetry report

version 1.0 release 25-10-2017.

Patient ID	Sex	Age	Report Date
job207778	Male	40	01-Mar-2021

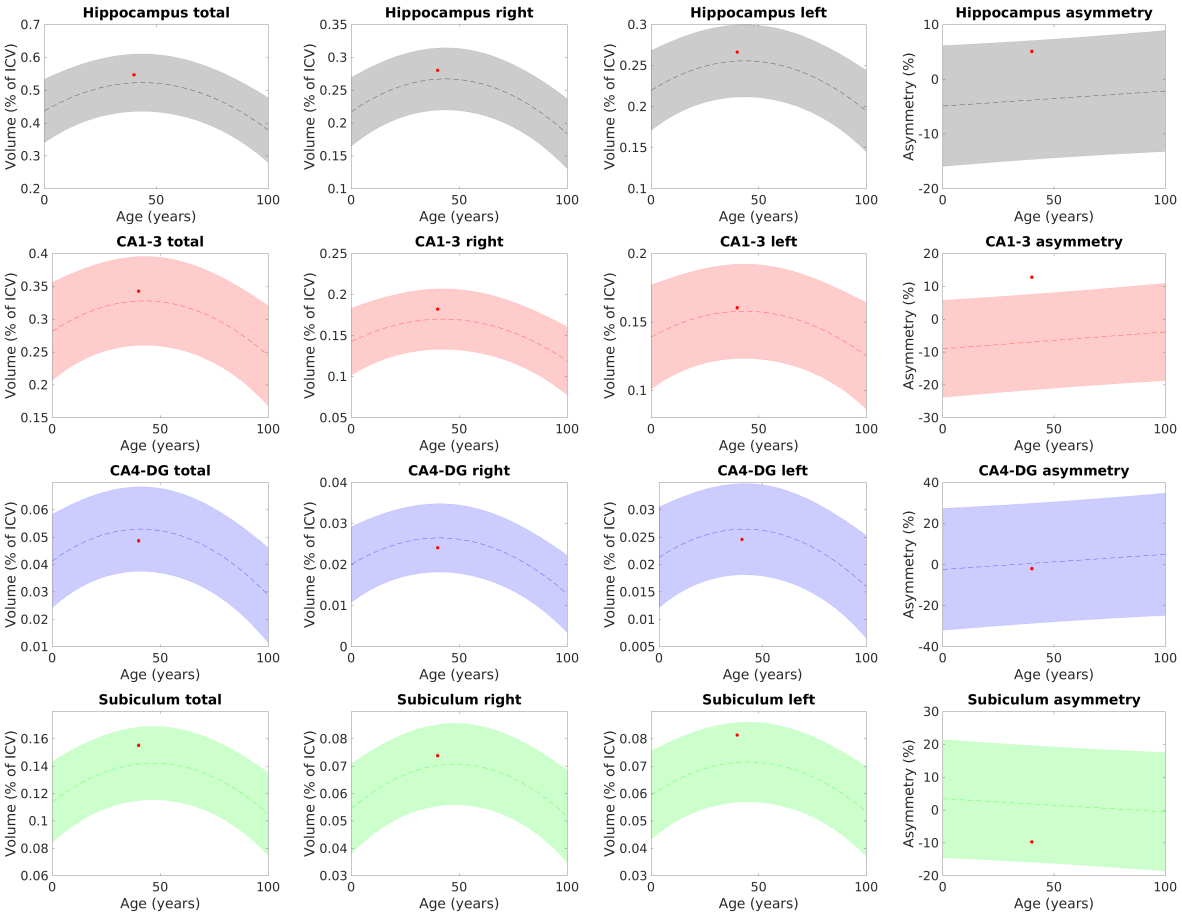
Image Information

Orientation[1]	neurological
Scale factor	0.87
Total intracranial volume (cm^3)	1617.53

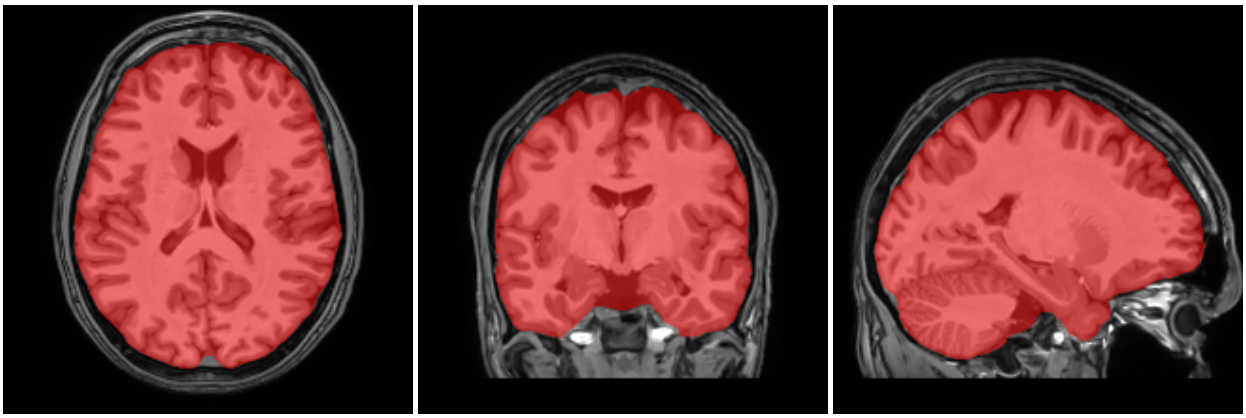
Segmentation protocol: Kulaga-Yoskovitz[2]

Volumes[3]	Total (cm^3/%)	Right (cm^3/%)	Left (cm^3/%)	Asym.(%)[4]
Hippocampus	8.84 (0.5467)	4.53 (0.2803)	4.31 (0.2664)	5.0789
	[0.43 - 0.61]	[0.22 - 0.31]	[0.21 - 0.30]	[-14.68 - 7.03]
CA1-3	5.54 (0.3427)	2.95 (0.1823)	2.59 (0.1604)	12.7851
	[0.26 - 0.40]	[0.13 - 0.21]	[0.12 - 0.19]	[-21.57 - 7.53]
CA4-DG	0.79 (0.0487)	0.39 (0.0241)	0.40 (0.0246)	-1.9540
	[0.04 - 0.07]	[0.02 - 0.03]	[0.02 - 0.03]	[-28.72 - 29.78]
Subiculum	2.51 (0.1553)	1.19 (0.0739)	1.32 (0.0814)	-9.7220
	[0.11 - 0.17]	[0.06 - 0.09]	[0.06 - 0.09]	[-15.84 - 19.63]

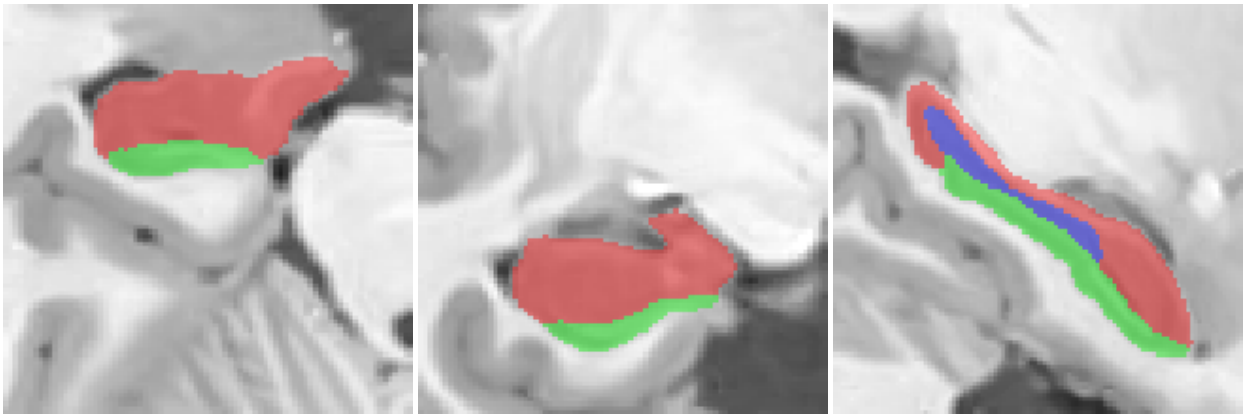
Expected volumes



Intracranial cavity extraction



Left hippocampus



Right hippocampus

[1] *Result images located in the MNI space (neurological orientation).*

[2] *For detais about the segmentation protocol see the paper: Kulaga-Yoskovitz, J., Bernhardt, B.C., Hong, S., Mansi, T., Liang, K.E., van der Kouwe, A.J.W., Smallwood, J., Bernasconi, A., Bernasconi, N., 2015 Multi-contrast submillimetric 3Tesla hippocampal subfield segmentation protocol and dataset. Sci Data. 2, 150059.*

[3] *All the volumes are presented in absolute value (measured in cm^3) and in relative value (measured in relation to the ICV).*

[4] *The Asymmetry Index is calculated as the difference between right and left volumes divided by their mean (in percent).*