

Supplemental Table 1. Linear regression of V_T and age of HABs and MABs.

	HAB			MAB		
	Slope \pm s.e.	y_int \pm s.e.	Pearson r	Slope \pm s.e.	y_int \pm s.e.	Pearson r
Brain Stem	0.10 \pm 0.04*	0.04 \pm 2.10	0.68*	0.05 \pm 0.02*	0.71 \pm 0.84	0.78*
Thalamus	0.09 \pm 0.04*	0.17 \pm 1.93	0.67*	0.04 \pm 0.02	0.99 \pm 1.25	0.57
Hippocampus	0.10 \pm 0.04*	0.46 \pm 1.84	0.73*	0.05 \pm 0.02*	0.27 \pm 1.08	0.74*
Cortical	0.09 \pm 0.04*	0.18 \pm 1.80	0.67*	0.04 \pm 0.02	1.03 \pm 1.04	0.61
Cerebellum	0.10 \pm 0.04*	0.35 \pm 1.92	0.70*	0.05 \pm 0.01*	0.34 \pm 0.74	0.81*
Caudate	0.06 \pm 0.03	0.75 \pm 1.60	0.55	0.02 \pm 0.02	1.13 \pm 1.25	0.37

*P<0.05

Supplemental Table 2. Correction for age effect in SUV_{90-120} , V_T and V_T/f_p using ANCOVA.

Estimate	ROI	HAB				MAB				LAB			
		mean	s.e.	adjusted mean*	adjusted s.e. *	mean	s.e.	adjusted mean*	adjusted s.e. *	mean	s.e.	adjusted mean*	adjusted s.e. *
SUV_{90-120}	Cortical	0.55	0.06	0.56	0.04	0.50	0.01	0.49	0.05	0.45	0.03	0.46	0.08
	Thalamus	0.61	0.06	0.62	0.04	0.52	0.02	0.51	0.05	0.47	0.00	0.48	0.08
V_T	Cortical	4.40	0.51	4.49	0.32	2.88	0.21	2.73	0.36	2.49	0.57	2.60	0.67
	Thalamus	4.71	0.55	4.81	0.34	2.95	0.20	2.79	0.38	2.65	0.49	2.76	0.71
V_T/f_p	Cortical	93.31	12.51	95.18	8.33	48.17	4.05	38.37	12.01	44.38	16.83	50.59	16.75
	Thalamus	100.78	14.56	102.78	10.05	50.14	4.23	39.97	14.49	46.82	15.95	53.47	20.22

*Adjusted mean and s.e. estimated at age 50.