

Supplementary materials

Table 4. Mean, SD and $\pm 95\%$ CI of hippocampal volume (mm^3) and brain regional thickness (mm) in SCD and controls

		Controls				SCD			
		Hippocampal subfields volume (mm^3)							
		Mean	SD	-95%CI	+95%CI	Mean	SD	-95%CI	+95%CI
RIGHT	CA1*	328	41.3	313	343	318	44.5	301	334
	CA2_3	946	107.6	907	986	935	134.0	885	985
	CA4 DG	530	60.4	508	552	523	77.4	494	552
	Fimbria	54	20.0	46	61	54	19.5	47	61
	Hippocampal fissure	45	14.4	40	50	49	16.5	43	55
	Presubiculum	434	62.7	411	457	403	65.4	379	428
	Subiculum*	602	55.9	581	622	575	65.0	551	599
	Hippocampal total volume	3293	324.3	3174	3412	3205	410.5	3052	3359
LEFT	CA1*	306	37.1	292	320	300	35.6	287	313
	CA2_3	907	117.8	864	951	870	126.1	823	917
	CA4 DG*	514	63.7	491	538	496	68.8	470	522
	Fimbria	55	16.2	49	61	59	24.5	50	68
	Hippocampal fissure	42	18.6	35	49	45	17.6	38	51
	presubiculum	450	67.3	426	475	436	67.1	411	461
	subiculum	599	76.2	571	627	582	72.5	555	609
	Hippocampal total volume*	3212	334.0	3090	3335	3128	343.3	3000	3256
eTIV		1310178.35	178568.72	1244678.82	1375677.89	1289544.10	221918.3	1206678.42	1372409.78
MTL thickness (mm)									
RIGHT	entorhinal	3.53	0.39	3.39	3.68	3.46	0.44	3.30	3.62
	Parahippocampus	2.70	0.32	2.58	2.81	2.79	0.25	2.70	2.88
	perirhinal	3.34	0.44	3.17	3.50	3.36	0.36	3.22	3.49
	MeanThic	2.32	0.09	2.28	2.35	2.33	0.09	2.30	2.37
LEFT	entorhinal	3.38	0.32	3.27	3.50	3.39	0.28	3.29	3.50
	parahippocampus	2.69	0.37	2.55	2.83	2.80	0.40	2.66	2.95
	Perirhinal*	3.17	0.39	3.03	3.31	3.30	0.35	3.16	3.43
	MeanThic	2.32	0.08	2.29	2.35	2.34	0.09	2.30	2.37
Cortical thickness of other brain's areas (mm)									
		Controls				SCD			
		Mean	SD	-95%CI	+95%CI	Mean	SD	-95%CI	+95%CI

LEFT	Banks of the Superior Temporal Sulcus	2.36	.13	2.31	2.41	2.31	0.18	2.24	2.38
	Caudal Anterior Cingulate	2.56	.28	2.45	2.66	2.69	0.33	2.57	2.81
	Caudal Middle Frontal	2.32	.17	2.26	2.66	2.38	0.16	2.32	2.44
	Cuneus	1.66	.12	1.62	1.71	1.70	0.13	1.65	1.75
	Fusiform	2.64	.11	2.60	2.68	2.62	0.16	2.56	2.68
	Inferior Parietal	2.28	.10	2.24	2.31	2.31	0.10	2.27	2.35
	Inferior Temporal	2.71	.11	2.66	2.75	2.67	0.21	2.59	2.75
	Isthmus Cingulate	2.32	.17	2.26	2.38	2.39	0.26	2.30	2.49
	Lateral occipital	2.03	.10	2.00	2.07	2.01	0.11	1.97	2.05
	Lateral orbitofrontal	2.55	.12	2.50	2.59	2.54	0.14	2.48	2.59
	Lingual	1.84	.11	1.80	1.88	1.85	0.12	1.80	1.89
	Medial orbitofrontal	2.33	.12	2.28	2.37	2.25	0.16	2.19	2.31
	Middle temporal	2.70	.12	2.65	2.74	2.71	0.15	2.65	2.76
	Paracentral	2.26	.20	2.19	2.34	2.29	0.12	2.25	2.34
	Pars opercularis	2.41	.14	2.36	2.46	2.39	0.15	2.33	2.44
	Pars orbitalis	2.57	.19	2.50	2.64	2.54	0.20	2.46	2.61
	Pars triangularis	2.30	.14	2.25	2.36	2.30	0.15	2.24	2.35
	Pericalcarine	1.43	.11	1.39	1.47	1.48	0.16	1.42	1.54
	Postcentral	1.87	.11	1.83	1.91	1.92	0.10	1.88	1.96
	Posterior cingulate	2.39	.17	2.33	2.45	2.41	0.14	2.36	2.47
	Precentral	2.40	.17	2.34	2.45	2.43	0.13	2.38	2.48
	Precuneus	2.18	.14	2.12	2.23	2.22	0.13	2.17	2.27
	Rostral anterior cingulate	2.69	.21	2.62	2.77	2.70	0.26	2.60	2.79
	Rostral Middle Frontal	2.17	.13	2.12	2.21	2.21	0.12	2.16	2.25
	Superior Frontal	2.52	.17	2.46	2.58	2.53	0.12	2.49	2.58
	Superior Parietal	2.00	.14	1.94	2.05	2.04	0.12	1.99	2.08
	Superior temporal	2.60	.15	2.55	2.66	2.58	0.16	2.53	2.64
	Supramarginal	2.34	.12	2.30	2.39	2.40	0.16	2.34	2.46
	Frontal Pole	2.62	.22	2.53	2.70	2.59	0.34	2.47	2.71
	Temporal pole	3.64	.31	3.53	3.75	3.66	0.38	3.52	3.80
	Transverse temporal	2.18	.21	2.10	2.25	2.16	0.23	2.07	2.25
	Insula	2.90	.15	2.84	2.95	2.90	0.13	2.85	2.95
	Mean thickness	2.32	.10	2.28	2.35	2.33	0.08	2.30	2.36

RIGHT	Banks of the Superior Temporal Sulcus	2.39	0.15	2.34	2.45	2.42	0.15	2.36	2.47
	Caudal Anterior Cingulate	2.50	0.18	2.44	2.57	2.46	0.23	2.38	2.55
	Caudal Middle Frontal	2.36	0.17	2.30	2.42	2.35	0.16	2.29	2.41
	Cuneus	1.68	0.14	1.63	1.74	1.72	0.20	1.65	1.80
	Fusiform	2.59	0.15	2.53	2.64	2.56	0.19	2.49	2.63
	Inferior Parietal	2.25	0.11	2.21	2.29	2.29	0.11	2.25	2.33
	Inferior Temporal	2.68	0.12	2.64	2.73	2.70	0.23	2.61	2.79
	Isthmus Cingulate	2.24	0.18	2.17	2.30	2.27	0.26	2.17	2.36
	Lateral occipital	2.06	0.10	2.03	2.10	2.07	0.10	2.03	2.11
	Lateral orbitofrontal	2.51	0.12	2.46	2.56	2.53	0.16	2.48	2.59
	Lingual	1.89	0.10	1.86	1.93	1.88	0.10	1.85	1.92
	Medial orbitofrontal	2.33	0.14	2.28	2.38	2.34	0.16	2.28	2.40
	Middle temporal	2.72	0.14	2.66	2.77	2.76	0.19	2.69	2.83
	Paracentral	2.24	0.18	2.17	2.30	2.27	0.19	2.20	2.34
	Pars opercularis	2.44	0.15	2.38	2.50	2.38	0.13	2.33	2.43
	Pars orbitalis	2.54	0.19	2.47	2.61	2.51	0.19	2.44	2.58
	Pars triangularis	2.31	0.15	2.25	2.36	2.31	0.13	2.26	2.35
	Pericalcarine	1.49	0.12	1.45	1.54	1.52	0.16	1.46	1.58
	Postcentral	1.85	0.12	1.81	1.90	1.88	0.09	1.84	1.91
	Posterior cingulate	2.35	0.13	2.30	2.40	2.36	0.15	2.30	2.41
	Precentral	2.39	0.18	2.33	2.46	2.39	0.13	2.34	2.44
	Precuneus	2.17	0.13	2.13	2.22	2.22	0.12	2.17	2.26
	Rostral anterior cingulate	2.76	0.19	2.69	2.83	2.78	0.18	2.71	2.84
	Rostral Middle Frontal	2.18	0.13	2.14	2.23	2.21	0.13	2.16	2.25
	Superior Frontal	2.55	0.14	2.50	2.60	2.56	0.14	2.51	2.61
	Superior Parietal	1.97	0.13	1.92	2.02	2.01	0.11	1.97	2.05
	Superior temporal	2.63	0.15	2.58	2.69	2.62	0.17	2.56	2.69
	Supramarginal	2.34	0.14	2.29	2.40	2.35	0.12	2.31	2.40
	Frontal Pole	2.66	0.25	2.57	2.76	2.61	0.30	2.50	2.72
	Temporal pole	3.79	0.30	3.68	3.89	3.74	0.36	3.60	3.87
	Transverse temporal	2.23	0.26	2.14	2.33	2.21	0.21	2.13	2.28
	Insula	2.86	0.17	2.80	2.92	2.87	0.16	2.81	2.93

Mean thickness	2.32	0.10	2.28	2.35	2.33	0.08	2.29	2.36
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CA: Cornu Ammonis; eTIV: estimated total intracranial volume

Table shows not corrected data, while analyses were based on eTIV corrected data

* Analyses based on log transformed data