

DATA SUPPLEMENT 7

Voxel-based morphometry: significant grey-matter volume differences

MNI coordinates (mm)

x	y	z	Hemisphere	Lobe	Gyrus/nucleus	BA/sub-structure	Cluster ¹ k	Voxel p ²	Voxel t
HPAR2 > 30M (k=5, corrected p < 0.05, d.f.=30)									
-66	-8	2	L	Temporal	Superior temporal	22	77	0.020	6.18
-18	30	0	L	Sub-lobar	Caudate	Head	10	0.005	6.77
NT > 10M (k=5, corrected P < 0.05, d.f.=24)									
-10	-62	34	L	Parietal	Precuneus	31	12	0.026	6.57
NT > 30M (k=5, corrected P < 0.05, d.f.=24)									
10	-12	62	R	Frontal	Medial frontal	6	175	0.000	10.88
-10	-14	60	L	Frontal	Medial frontal	6	142	0.001	8.45
12	34	40	R	Frontal	Medial frontal	8	149	0.001	8.37
-8	-26	62	L	Frontal	Medial frontal	6	142	0.001	8.20
10	-28	64	R	Frontal	Medial frontal	6	175	0.007	7.26
-52	32	18	L	Frontal	Middle frontal	46	2001	0.000	9.27
-50	36	26	L	Frontal	Middle frontal	46	2001	0.001	8.36
46	32	42	R	Frontal	Middle frontal	9	981	0.001	8.20
42	24	54	R	Frontal	Middle frontal	8	981	0.038	6.38
52	42	12	R	Frontal	Inferior frontal	46	981	0.000	10.42
60	8	34	R	Frontal	Inferior frontal	9	45	0.018	6.75
60	8	24	R	Frontal	Inferior frontal	44	45	0.024	6.61
-10	-62	38	L	Parietal	Precuneus	7	293	0.000	9.12
14	-68	34	R	Parietal	Precuneus	7	189	0.002	7.93
-6	-76	20	L	Parietal	Precuneus	31	126	0.008	7.16
8	-76	22	R	Parietal	Precuneus	31	126	0.017	6.80
-60	-52	34	L	Parietal	Supramarginal	40	777	0.002	8.00
-52	-66	40	L	Parietal	Inferior parietal	39	777	0.000	8.76
-52	-22	24	L	Parietal	Inferior parietal	40	2001	0.001	8.49
60	-48	48	R	Parietal	Inferior parietal	40	777	0.001	8.36
54	-26	26	R	Parietal	Inferior parietal	40	2468	0.001	8.27
-44	-74	32	L	Temporal	Angular	39	777	0.001	8.57
44	-78	32	R	Temporal	Angular	39	100	0.020	6.71
-56	8	-14	L	Temporal	Superior temporal	38	150	0.008	7.21
-62	-30	16	L	Temporal	Superior temporal	42	105	0.012	6.99
-64	-28	8	L	Temporal	Superior temporal	42	105	0.020	6.71
58	2	-2	R	Temporal	Superior temporal	22	41	0.022	6.65
48	16	-16	R	Temporal	Superior temporal	38	6	0.029	6.52
52	-68	20	R	Temporal	Middle temporal	39	100	0.015	6.87
-56	-68	12	L	Temporal	Middle temporal	39	12	0.025	6.59
-64	-22	-6	L	Temporal	Middle temporal	21	105	0.029	6.51
8	-88	32	R	Occipital	Cuneus	19	126	0.014	6.88
8	-62	28	R	Limbic	Cingulate	31	189	0.003	7.67
-20	-24	-8	L	Limbic	Parahippocampal	28	18	0.012	6.99
-14	-62	16	L	Limbic	Posterior cingulate	31	37	0.012	6.96
-26	-14	-12	L	Limbic	Parahippocampal	Hippocampus	15	0.028	6.53
24	-10	-10	R	Sub-lobar	-	Amygdala	25	0.030	6.50
12	-34	16	R	Sub-lobar	Thalamus	Pulvinar	42	0.009	7.13
8	0	2	R	Sub-lobar	Caudate	Head	6	0.028	6.52
10M > 30M (k=5, corrected P < 0.05, d.f.=24)									
12	-12	62	R	Frontal	Medial frontal	6	6	0.033	6.45

1. Cluster size (voxels).

2. Voxel-level FWE-corrected. BA, Brodmann area; L, left; R, right.