

DATA SUPPLEMENT 8

Summary of VBM significant differences for two-level repeated-measures ANOVA

MNI Coordinates (mm) ¹			H ²	Lobe	Gyrus/Nucleus	BA/sub-structure	Voxel k ³	Voxel t
x	y	z						
NT > 10M (k=5, uncorrected P < 10 ⁻⁵ , d.f.=12)								
50	38	26	R	Frontal	Middle frontal	46	32	8.31
56	28	22	R	Frontal	Middle frontal	46	32	7.51
-54	32	20	L	Frontal	Middle frontal	46	6	7.34
10	40	42	R	Frontal	Medial frontal	8	10	7.57
52	44	8	R	Frontal	Inferior frontal	46	15	7.39
52	50	2	R	Frontal	Inferior frontal	10	15	7.15
-62	-56	22	L	Temporal	Superior temporal	22	51	12.71
-14	-64	28	L	Occipital	Precuneus	31	33	7.85
NT > 30M (k=5, uncorrected P < 10 ⁻⁵ , d.f.=12)								
10	-12	62	R	Frontal	Medial frontal	6	137	11.49
-10	-12	60	L	Frontal	Medial frontal	6	140	10.21
12	38	34	R	Frontal	Medial frontal	9	78	9.92
-8	-26	62	L	Frontal	Medial frontal	6	140	9.85
10	-28	66	R	Frontal	Medial frontal	6	137	7.90
-46	36	32	L	Frontal	Middle frontal	46	708	10.40
44	42	34	R	Frontal	Middle frontal	46	738	9.87
56	6	48	R	Frontal	Middle frontal	6	104	9.15
42	32	44	R	Frontal	Middle frontal	8	738	8.94
-40	32	46	L	Frontal	Middle frontal	8	708	8.59
50	42	16	R	Frontal	Inferior frontal	46	738	11.31
-42	54	6	L	Frontal	Inferior frontal	10	708	9.16
-50	2	14	L	Frontal	Inferior frontal	44	340	8.56
-42	18	12	L	Frontal	Inferior frontal	45	18	7.20
26	48	44	R	Frontal	Superior frontal	8	17	8.16
30	42	50	R	Frontal	Superior frontal	8	17	7.23
44	18	10	R	Frontal	Precentral	44	43	8.12
50	-66	20	R	Temporal	Middle temporal	39	115	10.00
-42	-72	26	L	Temporal	Middle temporal	39	213	9.06
48	-78	20	R	Temporal	Middle temporal	19	115	7.00
-42	-16	-22	L	Temporal	Sub-gyral	20	20	9.27
-32	-28	-8	L	Temporal	Sub-gyral	Hippocampus	124	8.79
40	-80	32	R	Temporal	Angular	39	26	8.34
-54	-62	38	L	Parietal	Angular	39	213	7.83
-62	-52	36	L	Parietal	Supramarginal	40	213	7.60
54	-32	38	R	Parietal	Postcentral	2	468	8.39
62	-14	18	R	Parietal	Postcentral	43	382	8.24
54	-26	24	R	Parietal	Postcentral	40	382	7.98
62	-28	20	R	Parietal	Postcentral	40	382	7.63
58	-22	56	R	Parietal	Postcentral	1	17	7.35
-10	-60	36	L	Parietal	Precuneus	7	295	13.57
10	-76	20	R	Parietal	Precuneus	31	48	9.30
14	-70	36	R	Parietal	Precuneus	7	68	8.22
6	-62	30	R	Parietal	Precuneus	7	68	7.39
64	-44	44	R	Parietal	Inferior parietal	40	468	9.10
-54	-28	24	L	Parietal	Inferior parietal	40	340	8.37
-6	-78	18	L	Occipital	Cuneus	18	21	7.47
-28	-18	-12	L	Limbic	Parahippocampal	Hippocampus	124	6.96
-22	-12	-10	L	Sub-lobar	-	Amydala	124	7.08
-16	-30	20	L	Sub-lobar	Caudate	Tail	36	7.48
8	0	0	R	Sub-lobar	Lentiform nucleus	Medial Globus Pallidus	32	7.59
24	-14	-10	R	Sub-lobar	Lentiform nucleus	Lateral Globus Pallidus	12	7.23
20	-2	-6	R	Sub-lobar	Lentiform nucleus	Lateral Globus Pallidus	32	7.18
10M > 30M (k=5, uncorrected P < 10 ⁻⁵ , d.f.=12)								
12	-14	60	R	Frontal	Medial frontal	6	6	7.05

1. Coordinate of voxel with lowest p-value within cluster and other local minima if more than 8mm apart.

2. Hemisphere: R= right, L=left.

3. Cluster size (number of voxels).