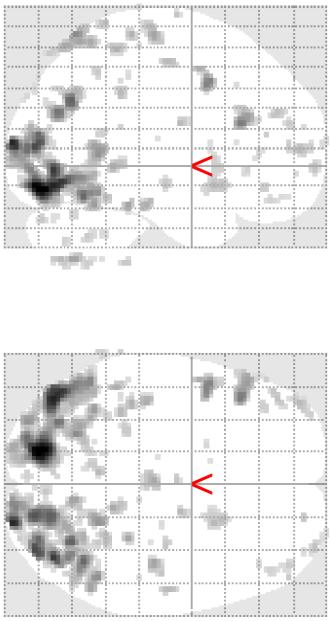
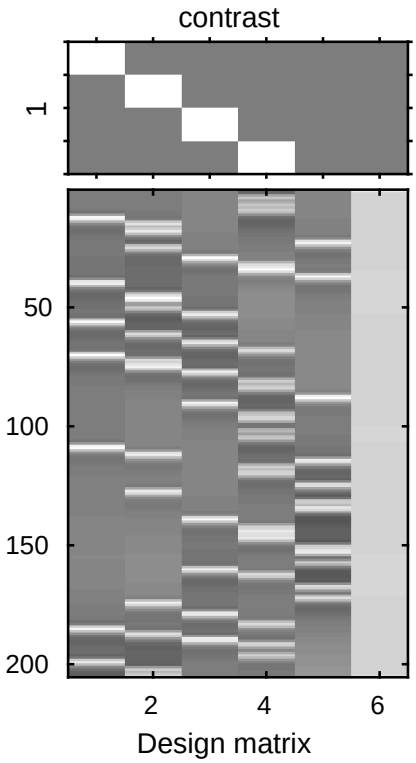
F Contrast Test



SPM *mip*
[0, 0, 0]

SPM{F $_{4,193}$ }



SPMresults: /ds000006/RESULTS/Sub01/FTest
Height threshold F = 4.818887 {p<0.001 (unc.)}
Extent threshold k = 0 voxels

Statistics: *p-values adjusted for search volume*

set-level		cluster-level				peak-level					mm	mm	mm
p	*c*	$p_{FWE\text{-}corr}$	$q_{FDR\text{-}corr}$	k_E	p_{uncorr}	$p_{FWE\text{-}corr}$	$q_{FDR\text{-}corr}$	*F*	($Z_=$)	p_{uncorr}			
		1.000	0.655	1	0.655	1.000	0.912	4.96	3.16	0.001	-26	-86	40
		1.000	0.655	1	0.655	1.000	0.924	4.94	3.15	0.001	-10	8	6
		1.000	0.631	2	0.510	1.000	0.946	4.90	3.13	0.001	14	8	10
		1.000	0.655	1	0.655	1.000	0.946	4.90	3.13	0.001	-20	-54	-2
		1.000	0.655	1	0.655	1.000	0.958	4.88	3.12	0.001	-26	-84	44
		1.000	0.655	1	0.655	1.000	0.968	4.87	3.11	0.001	-54	22	10
		1.000	0.655	1	0.655	1.000	0.984	4.85	3.10	0.001	32	-80	-24
		1.000	0.655	1	0.655	1.000	0.998	4.83	3.09	0.001	10	-80	4
		1.000	0.655	1	0.655	1.000	0.998	4.83	3.09	0.001	16	-50	-50
		1.000	0.655	1	0.655	1.000	0.998	4.82	3.09	0.001	-12	-20	12

table shows 3 local maxima more than 8.0mm apart

Height threshold: F = 4.82, p = 0.001 (1.000)
Extent threshold: k = 0 voxels
Expected voxels per cluster, <k> = 4.818
Expected number of clusters, <c> = 45.97
FWEp: 9.806, FDRp: 8.383, FWEc: 68, FDRc: 51

Degrees of freedom = [4.0, 193.0]
FWHM = 8.3 8.1 8.1 mm mm mm; 4.2 4.1 4.1 {voxels}
Volume: 1663008 = 207876 voxels = 2811.5 resels
Voxel size: 2.0 2.0 2.0 mm mm mm; (resel = 68.44 voxels)