pumps demean vs ctrl demean

SPM mip
[0, 0, 0]

contrast

SPM{T 798 }

Design matrix
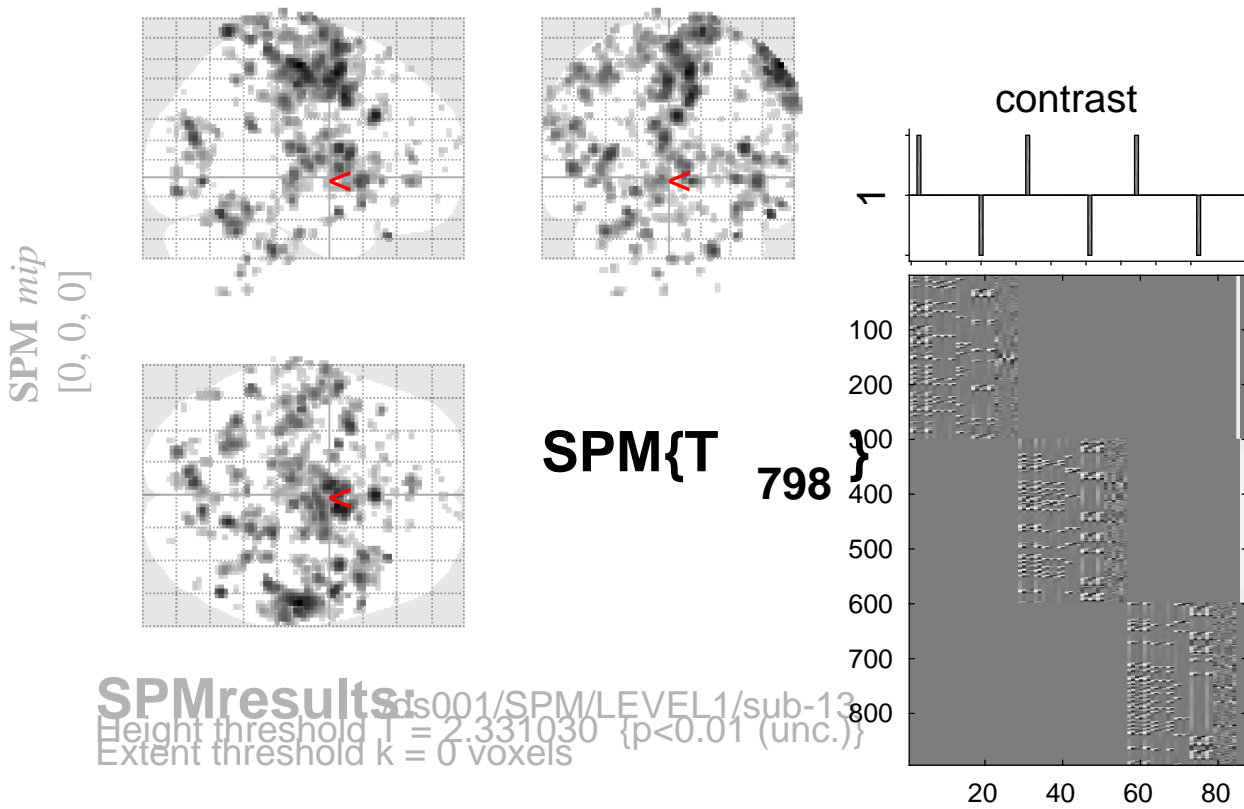
Statistics: *p-values adjusted for search volume*

set-level		cluster-level				peak-level					mm mm mm		
p	c	$p_{FWE-corr}$	$q_{FDR-corr}$	k_E	p_{uncorr}	$p_{FWE-corr}$	$q_{FDR-corr}$	T	$(Z_\equiv)$	p_{uncorr}			
		0.009	0.002	294	0.000	0.973	0.271	3.97	3.95	0.000	44	14	−4
						0.999	0.285	3.79	3.77	0.000	34	16	−2
						1.000	0.304	3.69	3.67	0.000	58	16	−16
		0.995	0.276	64	0.027	0.985	0.274	3.93	3.91	0.000	−54	4	2
						1.000	0.630	3.16	3.15	0.001	−46	−4	8
		1.000	0.798	12	0.307	0.987	0.274	3.92	3.90	0.000	−24	2	−20
		0.199	0.033	165	0.001	0.989	0.274	3.91	3.89	0.000	−36	−52	−30
						1.000	0.285	3.74	3.72	0.000	−24	−54	−26
		1.000	0.684	28	0.125	0.995	0.285	3.85	3.83	0.000	−42	−18	12
		1.000	0.798	9	0.377	0.997	0.285	3.83	3.82	0.000	34	30	−32
		0.990	0.252	68	0.023	0.999	0.285	3.77	3.75	0.000	46	−8	8
						1.000	0.663	3.12	3.11	0.001	54	2	8
		0.853	0.137	93	0.010	0.999	0.285	3.76	3.74	0.000	34	−46	−18
						1.000	0.530	3.29	3.28	0.001	40	−58	−16
		0.635	0.086	113	0.005	0.999	0.285	3.75	3.73	0.000	8	−12	4
						1.000	0.304	3.70	3.68	0.000	6	−22	0
		0.925	0.152	84	0.013	0.999	0.285	3.75	3.73	0.000	−6	−22	14
						1.000	0.750	3.00	3.00	0.001	−6	−12	2
		1.000	0.684	28	0.125	1.000	0.285	3.74	3.72	0.000	−54	−44	24
		1.000	0.684	28	0.125	1.000	0.286	3.73	3.71	0.000	−20	−84	−10
		0.006	0.002	315	0.000	1.000	0.304	3.69	3.67	0.000	−34	−18	54
						1.000	0.364	3.56	3.55	0.000	−48	−16	42

table shows 3 local maxima more than 8.0mm apart

Height threshold: T = 2.33, p = 0.010 (1.000) Degrees of freedom = [1.0, 798.0]
Extent threshold: k = 0 voxels   FWHM = 6.9 6.9 7.2 mm mm mm; 3.5 3.4 3.6 {voxels}
Expected voxels per cluster, <k> = 12.425 Volume: 1705224 = 213153 voxels = 4579.0 resels
Expected number of clusters, <c> = 195.49 Voxel size: 2.0 2.0 2.0 mm mm mm; (resel = 43.04 voxels)
FWEp: 5.050, FDRp: Inf, FWEc: 294, FDRc: Inf