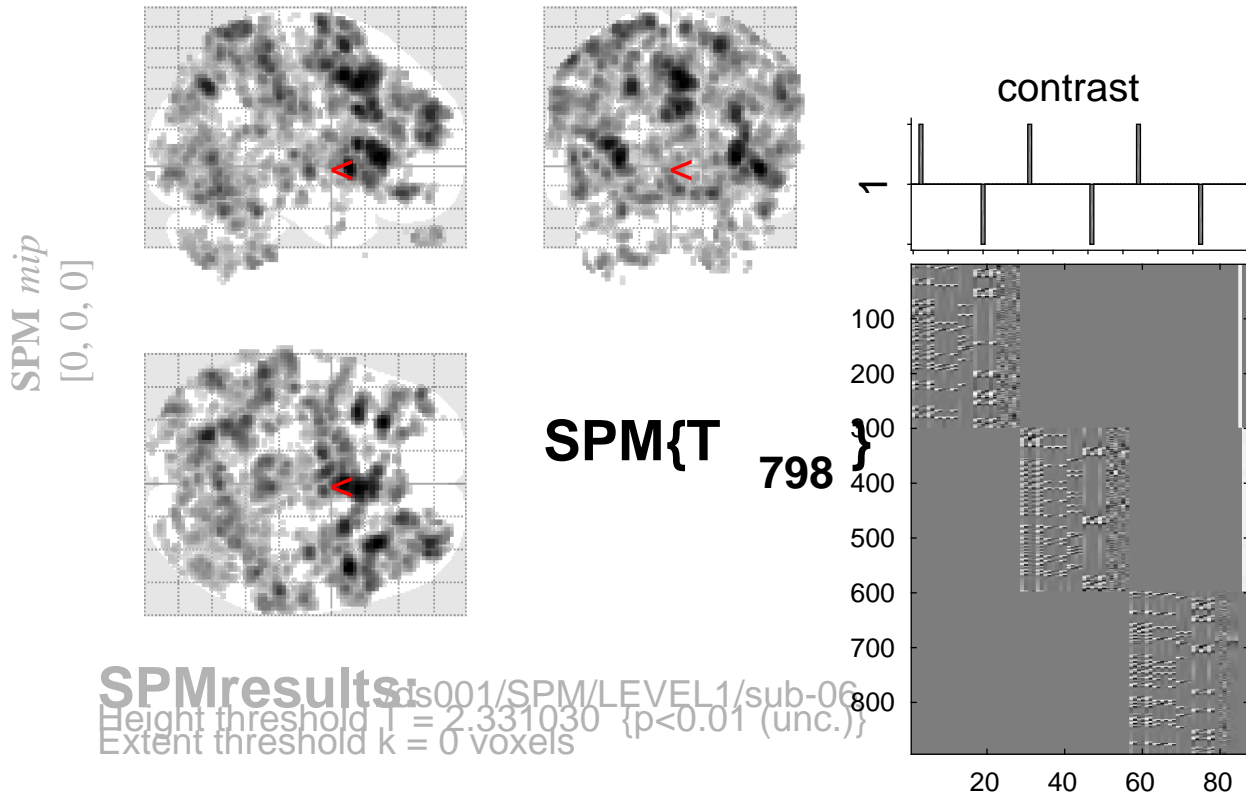


# pumps demean vs ctrl demean



Design matrix

## Statistics:

*p-values adjusted for search volume*

set-level		cluster-level			peak-level					mm mm mm		
$p$	$c$	$p$	$q$	$k$	$p$	$q$	$T$	$(Z)$	$p$			
		FWE-corr	FDR-corr	E	uncorr	FWE-corr	FDR-corr		uncorr			
1.000		0.684	12	0.265	1.000	0.585	2.93	2.92	0.002	60	-20	0
1.000		0.402	26	0.108	1.000	0.585	2.93	2.92	0.002	10	-82	48
1.000		0.726	8	0.363	1.000	0.585	2.92	2.91	0.002	24	-84	-8
1.000		0.684	12	0.265	1.000	0.585	2.92	2.91	0.002	-62	-4	10
1.000		0.776	2	0.669	1.000	0.604	2.89	2.89	0.002	-52	-50	-38
1.000		0.726	9	0.334	1.000	0.604	2.89	2.88	0.002	-16	-98	-8
1.000		0.501	20	0.155	1.000	0.617	2.86	2.86	0.002	-32	-26	54
1.000		0.660	14	0.230	1.000	0.631	2.85	2.84	0.002	-50	-78	16
1.000		0.726	8	0.363	1.000	0.640	2.84	2.83	0.002	-34	6	-12
1.000		0.726	10	0.309	1.000	0.640	2.84	2.83	0.002	48	-30	48
1.000		0.717	11	0.286	1.000	0.658	2.82	2.81	0.002	-18	-96	4
1.000		0.776	4	0.528	1.000	0.668	2.81	2.80	0.003	10	-14	-10
1.000		0.726	8	0.363	1.000	0.689	2.79	2.78	0.003	-10	-82	42
1.000		0.758	7	0.396	1.000	0.698	2.77	2.77	0.003	-32	0	-36
1.000		0.758	7	0.396	1.000	0.699	2.77	2.76	0.003	-52	18	-12
1.000		0.181	45	0.041	1.000	0.723	2.74	2.74	0.003	-20	10	4
					1.000	0.789	2.62	2.61	0.004	-22	2	4
1.000		0.776	5	0.477	1.000	0.732	2.74	2.73	0.003	6	-62	-42
1.000		0.726	8	0.363	1.000	0.741	2.72	2.72	0.003	-22	-16	64
1.000		0.726	8	0.363	1.000	0.741	2.72	2.72	0.003	50	0	30
1.000		0.776	4	0.528	1.000	0.741	2.72	2.71	0.003	-30	-2	-6
1.000		0.776	3	0.591	1.000	0.755	2.70	2.69	0.004	-64	-40	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 = 6.6 6.5 6.7 mm mm mm; 3.3 3.3 3.3 {voxels}  
 Expected voxels per cluster,  $\langle k \rangle = 10.433$  Volume: 1681040 = 210130 voxels = 5376.4 resels  
 Expected number of clusters,  $\langle c \rangle = 227.18$  Voxel size: 2.0 2.0 2.0 mm mm mm; (resel = 36.14 voxels)  
 FWEp: 5.078, FDRp: 4.463, FWEc: 329, FDRc: 4.463