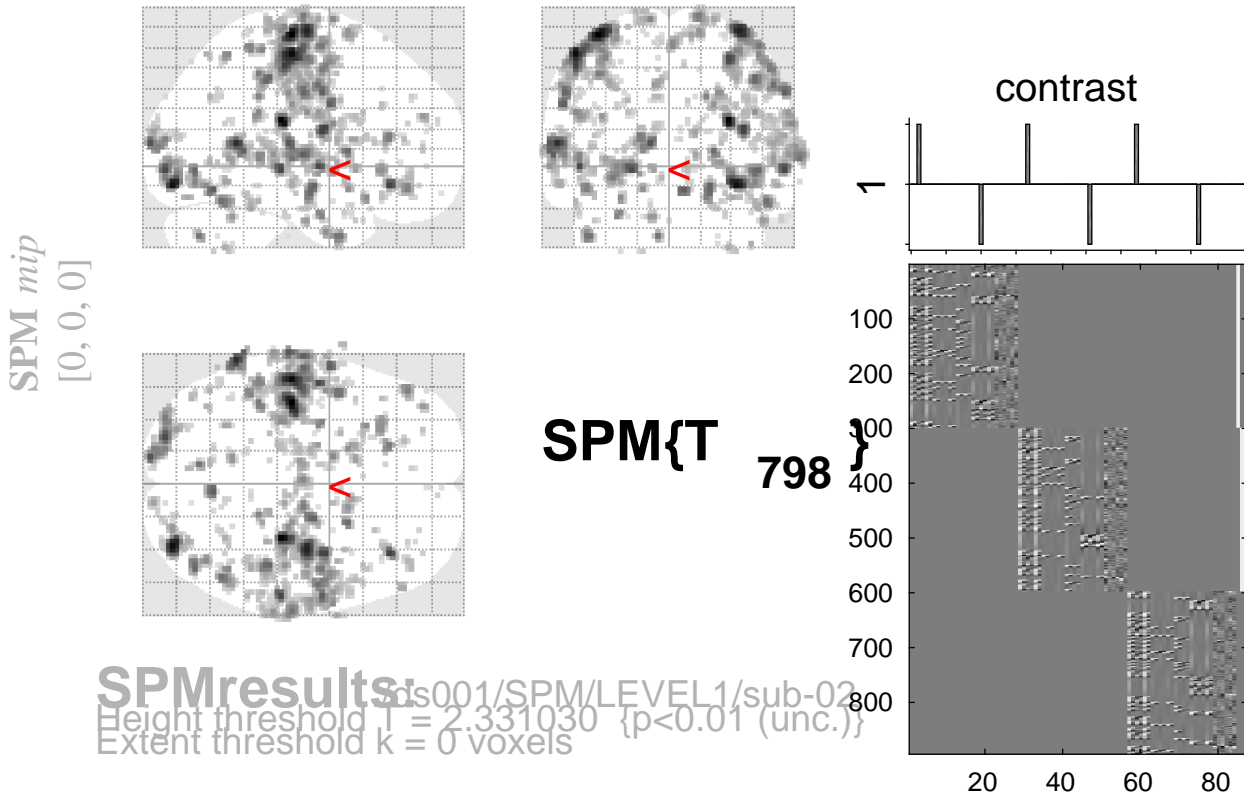


# pumps demean vs ctrl demean



Design matrix

## Statistics:

*p-values adjusted for search volume*

set-level		cluster-level			peak-level					mm mm mm		
$p$	$c$	$p$	$q$	$k$	$p$	$p$	$q$	$T$	$(Z_{\equiv})$	$p$		
		FWE-corr	FDR-corr	E	uncorr	FWE-corr	FDR-corr			uncorr		
1.000		0.774	11	0.282	1.000	1.000	2.95	2.94	0.002	48	-14	-30
1.000		0.751	22	0.134	1.000	1.000	2.93	2.92	0.002	-10	-18	40
1.000		0.493	40	0.050	1.000	1.000	2.92	2.91	0.002	54	-56	2
1.000		0.774	12	0.262	1.000	1.000	2.91	2.90	0.002	-10	12	-4
1.000		0.774	12	0.262	1.000	1.000	2.91	2.90	0.002	-18	10	12
1.000		0.774	18	0.173	1.000	1.000	2.89	2.88	0.002	12	-96	16
1.000		0.774	11	0.282	1.000	1.000	2.88	2.87	0.002	22	-8	74
1.000		0.774	8	0.360	1.000	1.000	2.87	2.87	0.002	12	-26	4
1.000		0.774	7	0.392	1.000	1.000	2.87	2.86	0.002	-28	-58	-10
1.000		0.774	5	0.474	1.000	1.000	2.85	2.85	0.002	22	-38	0
1.000		0.774	8	0.360	1.000	1.000	2.85	2.84	0.002	32	-78	-18
1.000		0.774	6	0.430	1.000	1.000	2.84	2.83	0.002	32	-36	68
1.000		0.774	9	0.331	1.000	1.000	2.83	2.82	0.002	16	-34	72
1.000		0.774	14	0.226	1.000	1.000	2.83	2.82	0.002	-64	-4	12
1.000		0.774	5	0.474	1.000	1.000	2.82	2.82	0.002	70	2	0
1.000		0.774	8	0.360	1.000	1.000	2.82	2.82	0.002	28	-16	28
1.000		0.774	13	0.243	1.000	1.000	2.81	2.81	0.002	-60	-22	-12
1.000		0.751	22	0.134	1.000	1.000	2.81	2.80	0.003	46	-44	-24
1.000		0.774	7	0.392	1.000	1.000	2.81	2.80	0.003	56	38	-12
1.000		0.476	46	0.038	1.000	1.000	2.81	2.80	0.003	56	2	12
					1.000	1.000	2.70	2.69	0.004	52	12	24
					1.000	1.000	2.64	2.63	0.004	54	4	22

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 6.6 6.6 mm mm mm; 3.3 3.3 3.3 {voxels}  
 Expected voxels per cluster,  $\langle k \rangle = 10.284$  Volume: 1655304 = 206913 voxels = 5357.9 resels  
 Expected number of clusters,  $\langle c \rangle = 227.60$  Voxel size: 2.0 2.0 2.0 mm mm mm; (resel = 35.63 voxels)  
 FWEp: 5.075, FDRp: Inf, FWEc: 234, FDRc: 294 4