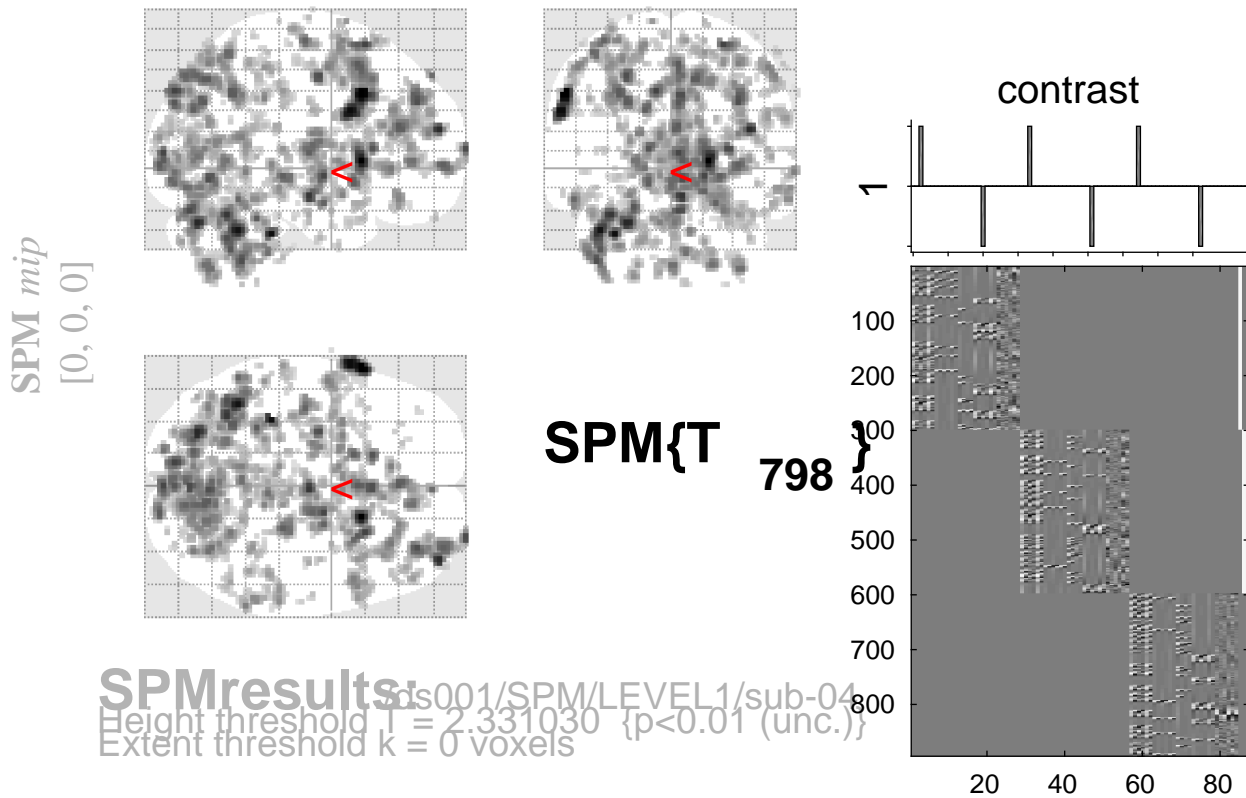


# pumps demean vs ctrl demean



Design matrix

## Statistics: *p-values adjusted for search volume*

set-level		cluster-level				peak-level					mm mm mm		
$p$	$c$	$p_{FWE-corr}$	$q_{FDR-corr}$	$k_E$	$p_{uncorr}$	$p_{FWE-corr}$	$q_{FDR-corr}$	$T$	$(Z_{\equiv})$	$p_{uncorr}$			
0.981216		0.080	0.007	172	0.000	0.060	0.063	5.05	5.01	0.000	-60	14	36
						0.139	0.078	4.86	4.82	0.000	-62	8	28
						1.000	0.921	2.44	2.43	0.008	-52	14	26
		0.021	0.002	218	0.000	0.070	0.063	5.02	4.98	0.000	18	14	2
						1.000	0.536	3.19	3.18	0.001	24	4	8
						1.000	0.660	2.95	2.94	0.002	12	20	8
		0.000	0.000	688	0.000	0.191	0.078	4.78	4.75	0.000	-32	-34	-36
						0.205	0.078	4.76	4.73	0.000	-40	-52	-34
						0.479	0.179	4.51	4.48	0.000	-26	-74	-30
		0.004	0.000	283	0.000	0.522	0.179	4.47	4.45	0.000	40	56	18
						0.980	0.316	4.02	4.00	0.000	34	44	32
						1.000	0.465	3.47	3.46	0.000	34	50	16
		1.000	0.182	48	0.033	0.758	0.270	4.30	4.28	0.000	4	-14	-16
		0.367	0.033	120	0.002	0.904	0.316	4.17	4.14	0.000	26	16	62
						1.000	0.514	3.27	3.26	0.001	26	8	52
						1.000	0.643	2.98	2.97	0.001	20	6	58
		0.879	0.084	79	0.009	0.917	0.316	4.15	4.13	0.000	-10	-86	38
		0.000	0.000	10970	0.000	0.931	0.316	4.13	4.11	0.000	2	-92	6
						0.974	0.316	4.04	4.02	0.000	4	-68	-8
						0.998	0.316	3.88	3.86	0.000	16	-94	0
		0.000	0.000	533	0.000	0.937	0.316	4.12	4.10	0.000	16	-6	-6
						0.999	0.316	3.85	3.83	0.000	24	-28	-6

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 = 6.5 6.5 6.6 mm mm mm; 3.3 3.2 3.3 {voxels}  
 Expected voxels per cluster,  $\langle k \rangle = 10.100$  Volume: 1784544 = 223068 voxels = 5908.4 resels  
 Expected number of clusters,  $\langle c \rangle = 247.58$  Voxel size: 2.0 2.0 2.0 mm mm mm; (resel = 34.99 voxels)  
 FWEp: 5.089, FDRp: Inf, FWEc: 218, FDRc: 0.000