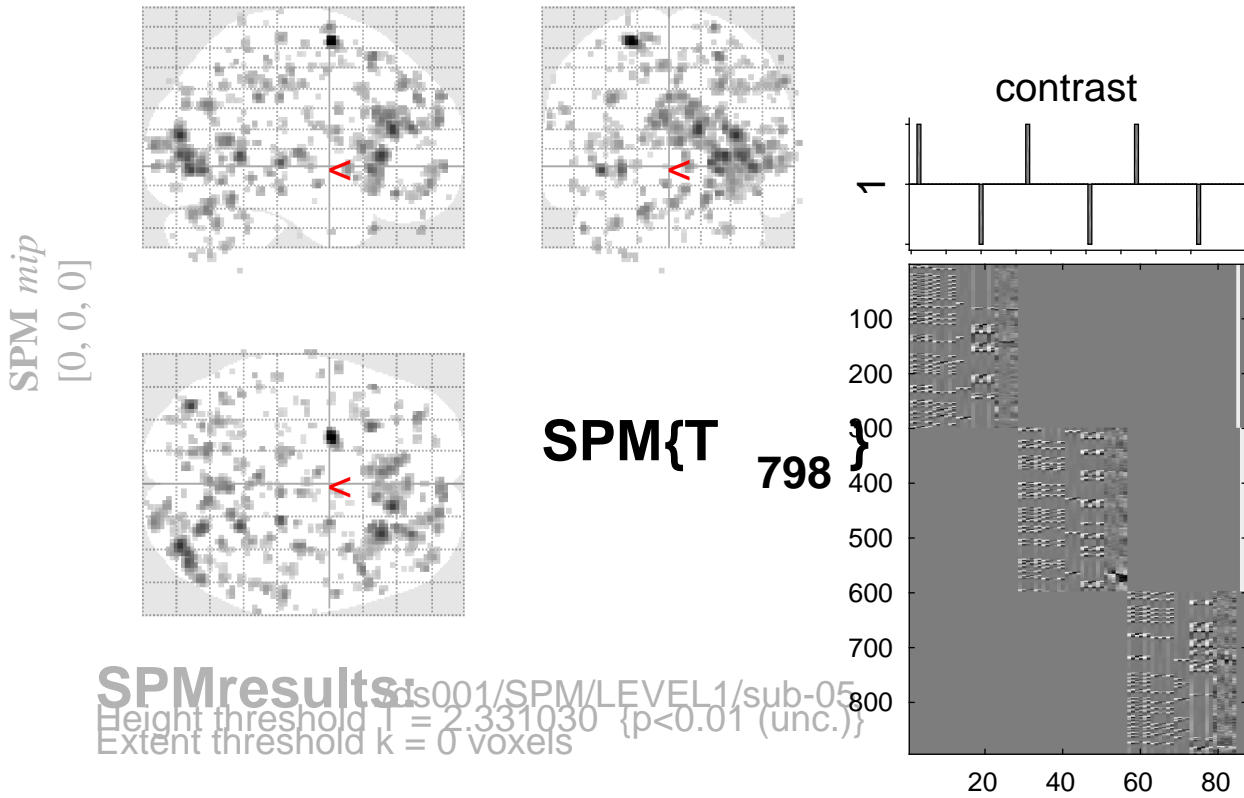


# pumps demean vs ctrl demean



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		0.777	12	0.267	1.000	0.999	2.74	2.74	0.003	24	-80	36
1.000		0.777	31	0.083	1.000	0.999	2.73	2.73	0.003	32	42	-18
1.000		0.777	5	0.479	1.000	0.999	2.73	2.72	0.003	-56	-6	18
1.000		0.777	2	0.670	1.000	0.999	2.72	2.72	0.003	-54	-42	20
1.000		0.777	13	0.248	1.000	0.999	2.72	2.71	0.003	-32	-88	10
1.000		0.777	5	0.479	1.000	0.999	2.71	2.70	0.003	-48	-40	-16
1.000		0.777	5	0.479	1.000	0.999	2.69	2.69	0.004	-40	-16	62
1.000		0.777	10	0.311	1.000	0.999	2.69	2.69	0.004	-54	-28	-12
1.000		0.777	7	0.398	1.000	0.999	2.69	2.68	0.004	-14	-82	18
1.000		0.777	3	0.592	1.000	0.999	2.69	2.68	0.004	10	48	-26
1.000		0.777	9	0.336	1.000	0.999	2.69	2.68	0.004	32	-48	62
1.000		0.777	6	0.435	1.000	0.999	2.68	2.67	0.004	40	-8	20
1.000		0.777	8	0.365	1.000	0.999	2.66	2.66	0.004	48	24	16
1.000		0.777	7	0.398	1.000	0.999	2.66	2.65	0.004	32	-36	40
1.000		0.777	16	0.202	1.000	0.999	2.66	2.65	0.004	-36	12	10
1.000		0.777	11	0.288	1.000	0.999	2.65	2.65	0.004	-20	54	0
1.000		0.777	3	0.592	1.000	0.999	2.65	2.64	0.004	24	0	-36
1.000		0.777	6	0.435	1.000	0.999	2.65	2.64	0.004	16	30	54
1.000		0.777	7	0.398	1.000	0.999	2.64	2.63	0.004	52	-50	44
1.000		0.777	3	0.592	1.000	0.999	2.64	2.63	0.004	26	-26	20
1.000		0.777	4	0.530	1.000	0.999	2.63	2.63	0.004	-38	34	-16
1.000		0.777	4	0.530	1.000	0.999	2.63	2.63	0.004	-22	-76	-48

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 3.4 {voxels}

Expected voxels per cluster,  $\langle k \rangle = 10.515$  Volume: 1664704 = 208088 voxels = 5265.9 resels

Expected number of clusters,  $\langle c \rangle = 224.14$  Voxel size: 2.0 2.0 2.0 mm mm mm; (resel = 36.43 voxels)

FWEp: 5.076, FDRp: Inf, FWEc: 202, FDRc: 202.6