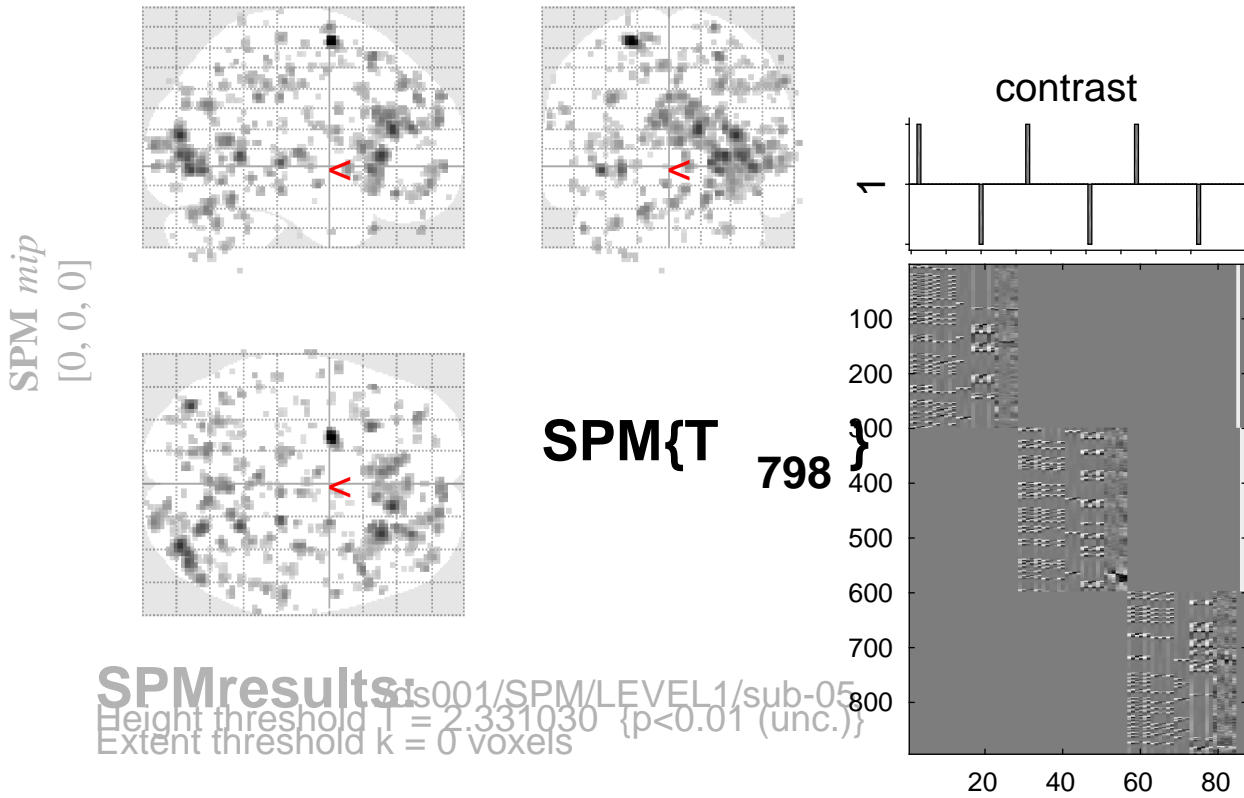


# pumps demean vs ctrl demean



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		0.777	2		0.670	1.000	0.999	2.45	2.44	0.007	-34	-70 -46
1.000		0.777	2		0.670	1.000	0.999	2.44	2.44	0.007	6	-18 -38
1.000		0.777	1		0.777	1.000	0.999	2.44	2.44	0.007	16	62 -18
1.000		0.777	1		0.777	1.000	0.999	2.44	2.44	0.007	24	46 8
1.000		0.777	1		0.777	1.000	0.999	2.44	2.44	0.007	28	6 58
1.000		0.777	3		0.592	1.000	0.999	2.44	2.43	0.007	-42	-20 34
1.000		0.777	1		0.777	1.000	0.999	2.44	2.43	0.007	-34	-36 48
1.000		0.777	2		0.670	1.000	0.999	2.44	2.43	0.008	14	0 70
1.000		0.777	1		0.777	1.000	0.999	2.43	2.43	0.008	-16	12 62
1.000		0.777	1		0.777	1.000	0.999	2.43	2.43	0.008	24	-84 10
1.000		0.777	1		0.777	1.000	0.999	2.43	2.43	0.008	8	-38 34
1.000		0.777	1		0.777	1.000	0.999	2.43	2.43	0.008	54	-50 22
1.000		0.777	2		0.670	1.000	0.999	2.43	2.43	0.008	-54	-62 10
1.000		0.777	2		0.670	1.000	0.999	2.43	2.42	0.008	6	-68 -40
1.000		0.777	1		0.777	1.000	0.999	2.42	2.42	0.008	6	-8 34
1.000		0.777	1		0.777	1.000	0.999	2.42	2.41	0.008	28	-86 -38
1.000		0.777	2		0.670	1.000	0.999	2.41	2.41	0.008	-12	-18 56
1.000		0.777	1		0.777	1.000	0.999	2.41	2.41	0.008	44	32 -16
1.000		0.777	2		0.670	1.000	0.999	2.41	2.41	0.008	32	24 46
1.000		0.777	1		0.777	1.000	0.999	2.41	2.41	0.008	26	-86 -2
1.000		0.777	2		0.670	1.000	0.999	2.41	2.41	0.008	46	-60 4
1.000		0.777	2		0.670	1.000	0.999	2.41	2.41	0.008	-64	-40 44

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: 202.9