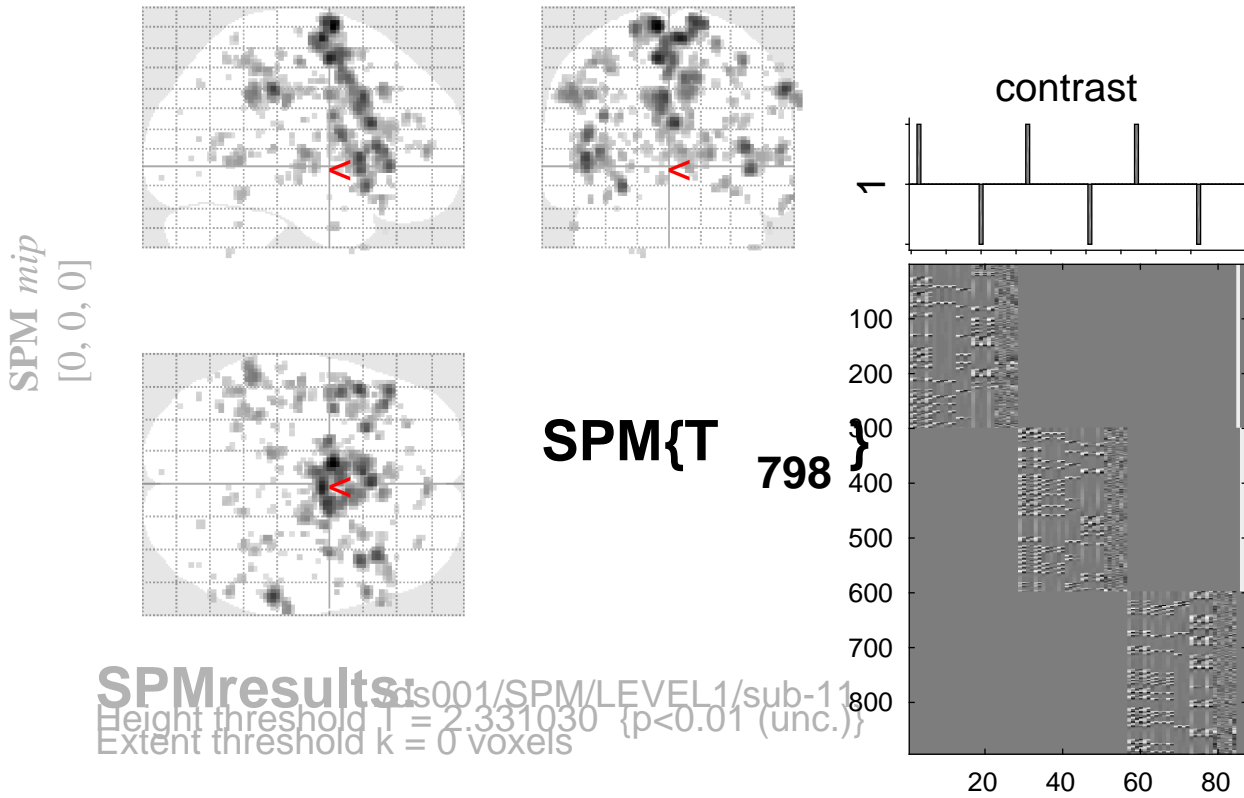


pumps demean vs ctrl demean



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) | p | | |
| | | FWE-corr | FDR-corr | E | uncorr | FWE-corr | FDR-corr | | | uncorr | | |
| 1.000 | | 0.783 | 2 | | 0.678 | 1.000 | 0.994 | 2.47 | 2.46 | 0.007 | -14 | -40 |
| 1.000 | | 0.783 | 1 | | 0.783 | 1.000 | 0.994 | 2.47 | 2.46 | 0.007 | -38 | 36 |
| 1.000 | | 0.783 | 1 | | 0.783 | 1.000 | 0.994 | 2.47 | 2.46 | 0.007 | 50 | -10 |
| 1.000 | | 0.783 | 1 | | 0.783 | 1.000 | 0.994 | 2.46 | 2.46 | 0.007 | -40 | 32 |
| 1.000 | | 0.783 | 3 | | 0.601 | 1.000 | 0.994 | 2.46 | 2.46 | 0.007 | 58 | -38 |
| 1.000 | | 0.783 | 1 | | 0.783 | 1.000 | 0.994 | 2.46 | 2.45 | 0.007 | -22 | 10 |
| 1.000 | | 0.783 | 1 | | 0.783 | 1.000 | 0.996 | 2.45 | 2.45 | 0.007 | -4 | -92 |
| 1.000 | | 0.783 | 1 | | 0.783 | 1.000 | 0.997 | 2.44 | 2.44 | 0.007 | 44 | -76 |
| 1.000 | | 0.783 | 5 | | 0.489 | 1.000 | 0.998 | 2.43 | 2.43 | 0.008 | 14 | -32 |
| 1.000 | | 0.783 | 1 | | 0.783 | 1.000 | 0.998 | 2.43 | 2.43 | 0.008 | -14 | -10 |
| 1.000 | | 0.783 | 1 | | 0.783 | 1.000 | 0.998 | 2.42 | 2.42 | 0.008 | -6 | 36 |
| 1.000 | | 0.783 | 1 | | 0.783 | 1.000 | 0.998 | 2.41 | 2.41 | 0.008 | 54 | -36 |
| 1.000 | | 0.783 | 1 | | 0.783 | 1.000 | 0.998 | 2.41 | 2.41 | 0.008 | 40 | 34 |
| 1.000 | | 0.783 | 4 | | 0.540 | 1.000 | 0.998 | 2.41 | 2.40 | 0.008 | 8 | -40 |
| 1.000 | | 0.783 | 1 | | 0.783 | 1.000 | 0.998 | 2.40 | 2.40 | 0.008 | 28 | -44 |
| 1.000 | | 0.783 | 1 | | 0.783 | 1.000 | 0.998 | 2.40 | 2.40 | 0.008 | -52 | -66 |
| 1.000 | | 0.783 | 2 | | 0.678 | 1.000 | 0.998 | 2.39 | 2.39 | 0.008 | 16 | 34 |
| 1.000 | | 0.783 | 1 | | 0.783 | 1.000 | 0.998 | 2.39 | 2.38 | 0.009 | 4 | -56 |
| 1.000 | | 0.783 | 1 | | 0.783 | 1.000 | 0.998 | 2.39 | 2.38 | 0.009 | -22 | 18 |
| 1.000 | | 0.783 | 1 | | 0.783 | 1.000 | 0.998 | 2.38 | 2.38 | 0.009 | 24 | 14 |
| 1.000 | | 0.783 | 1 | | 0.783 | 1.000 | 0.998 | 2.38 | 2.38 | 0.009 | -46 | -30 |
| 1.000 | | 0.783 | 2 | | 0.678 | 1.000 | 0.998 | 2.38 | 2.38 | 0.009 | -54 | -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 = 6.7 6.6 6.8 mm mm mm; 3.4 3.3 3.4 {voxels}
 Expected voxels per cluster, $\langle k \rangle = 10.972$ Volume: 1721872 = 215234 voxels = 5233.6 resels
 Expected number of clusters, $\langle c \rangle = 222.00$ Voxel size: 2.0 2.0 2.0 mm mm mm; (resel = 38.01 voxels)
 FWEp: 5.079, FDRp: 4.912, FWEc: 442, FDRc: 442