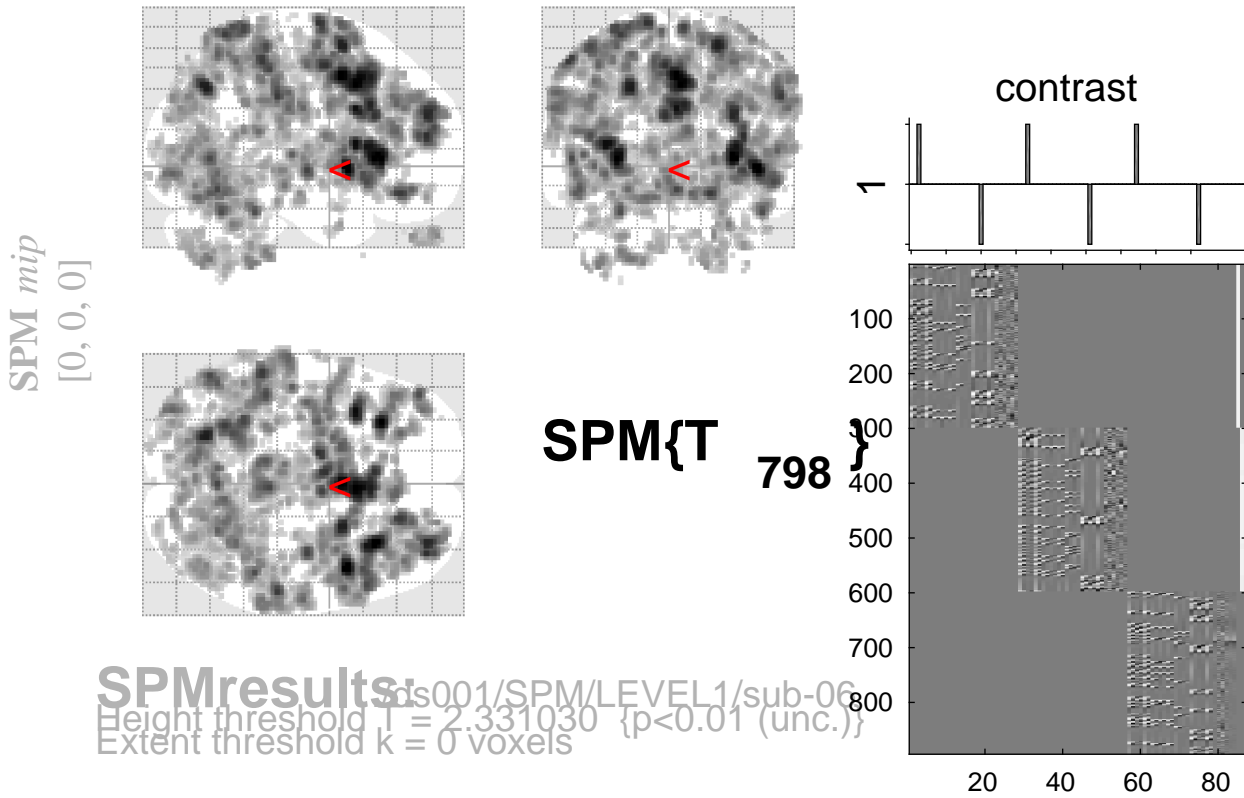


pumps demean vs ctrl demean



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 | | 0.776 | 2 | | 0.669 | 1.000 | 0.797 | 2.60 | 2.60 | 0.005 | -34 | -26 6 |
| 1.000 | | 0.776 | 1 | | 0.776 | 1.000 | 0.799 | 2.60 | 2.59 | 0.005 | -66 | -8 16 |
| 1.000 | | 0.776 | 5 | | 0.477 | 1.000 | 0.802 | 2.59 | 2.59 | 0.005 | 32 | 6 -14 |
| 1.000 | | 0.776 | 4 | | 0.528 | 1.000 | 0.802 | 2.59 | 2.59 | 0.005 | -4 | -74 50 |
| 1.000 | | 0.776 | 1 | | 0.776 | 1.000 | 0.812 | 2.58 | 2.58 | 0.005 | -30 | 4 22 |
| 1.000 | | 0.776 | 3 | | 0.591 | 1.000 | 0.815 | 2.58 | 2.57 | 0.005 | 50 | 18 28 |
| 1.000 | | 0.776 | 6 | | 0.433 | 1.000 | 0.829 | 2.57 | 2.56 | 0.005 | 4 | -58 58 |
| 1.000 | | 0.776 | 1 | | 0.776 | 1.000 | 0.839 | 2.56 | 2.55 | 0.005 | 12 | -14 36 |
| 1.000 | | 0.776 | 5 | | 0.477 | 1.000 | 0.849 | 2.55 | 2.54 | 0.005 | -10 | -48 -12 |
| 1.000 | | 0.776 | 4 | | 0.528 | 1.000 | 0.849 | 2.54 | 2.54 | 0.006 | 40 | -32 22 |
| 1.000 | | 0.776 | 1 | | 0.776 | 1.000 | 0.849 | 2.54 | 2.54 | 0.006 | 28 | -42 -50 |
| 1.000 | | 0.776 | 1 | | 0.776 | 1.000 | 0.850 | 2.54 | 2.54 | 0.006 | 60 | -60 -14 |
| 1.000 | | 0.776 | 3 | | 0.591 | 1.000 | 0.857 | 2.54 | 2.53 | 0.006 | -22 | -52 2 |
| 1.000 | | 0.776 | 6 | | 0.433 | 1.000 | 0.857 | 2.53 | 2.53 | 0.006 | 22 | -64 66 |
| 1.000 | | 0.758 | 7 | | 0.396 | 1.000 | 0.857 | 2.53 | 2.53 | 0.006 | -34 | -78 -18 |
| | | | | | | 1.000 | 0.875 | 2.50 | 2.50 | 0.006 | -38 | -72 -22 |
| 1.000 | | 0.776 | 1 | | 0.776 | 1.000 | 0.857 | 2.53 | 2.52 | 0.006 | 32 | 16 -48 |
| 1.000 | | 0.776 | 6 | | 0.433 | 1.000 | 0.857 | 2.52 | 2.52 | 0.006 | 28 | -18 2 |
| 1.000 | | 0.776 | 2 | | 0.669 | 1.000 | 0.857 | 2.52 | 2.52 | 0.006 | 20 | -12 76 |
| 1.000 | | 0.776 | 2 | | 0.669 | 1.000 | 0.861 | 2.52 | 2.52 | 0.006 | -20 | -38 -22 |
| 1.000 | | 0.776 | 1 | | 0.776 | 1.000 | 0.861 | 2.52 | 2.52 | 0.006 | 0 | -70 -34 |
| 1.000 | | 0.776 | 5 | | 0.477 | 1.000 | 0.868 | 2.51 | 2.51 | 0.006 | 22 | 6 -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 6.5 6.7 mm mm mm; 3.3 3.3 3.3 {voxels}
 Expected voxels per cluster, $\langle k \rangle = 10.433$ Volume: 1681040 = 210130 voxels = 5376.4 resels
 Expected number of clusters, $\langle c \rangle = 227.18$ Voxel size: 2.0 2.0 2.0 mm mm mm; (resel = 36.14 voxels)
 FWEp: 5.078, FDRp: 4.463, FWEc: 329, FDRc: 4.463