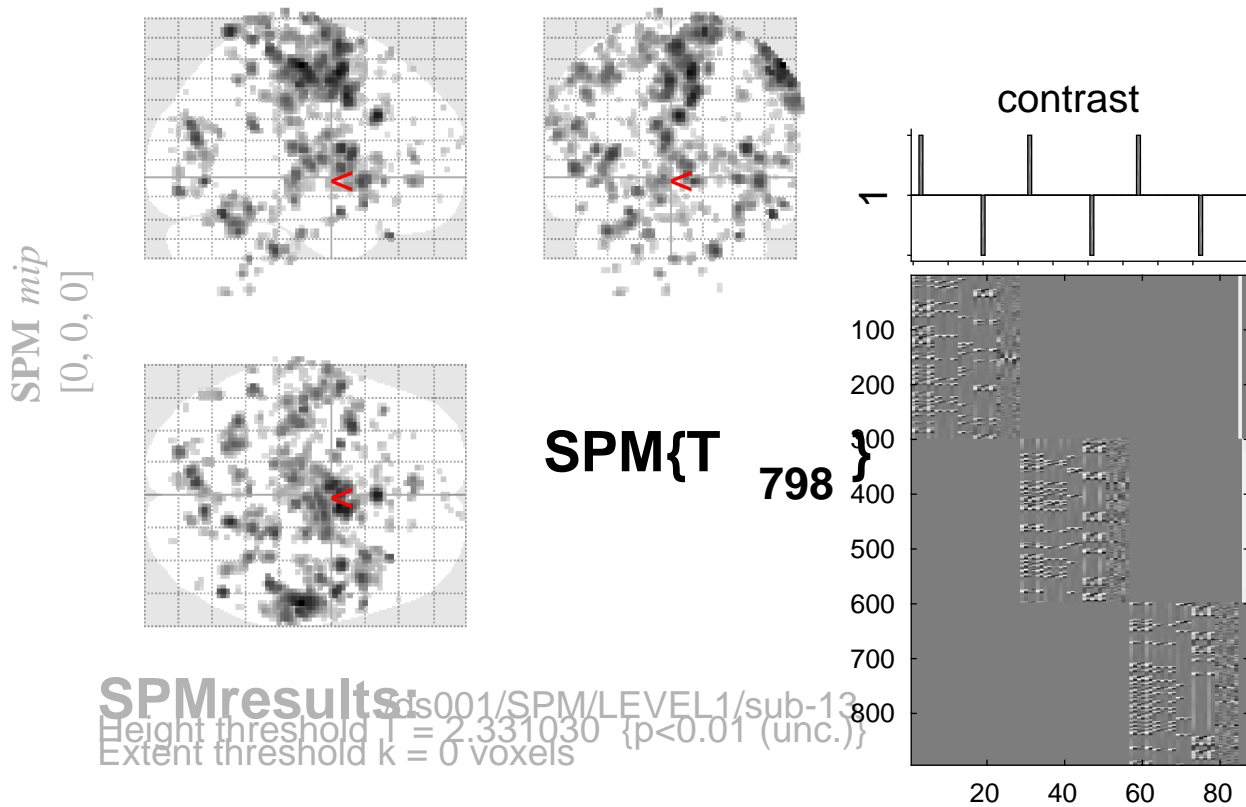


# pumps demean vs ctrl demean



## 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         | 0.684    | 26  | 0.138  | 1.000      | 0.440    | 3.44 | 3.43           | 0.000  | -32      | -28 | 50  |
|           |     | 1.000         | 0.304    |     |        | 1.000      | 0.304    | 3.68 | 3.66           | 0.000  | 18       | -44 | 54  |
|           |     | 0.911         | 0.151    | 86  | 0.012  | 1.000      | 0.312    | 3.66 | 3.65           | 0.000  | -50      | -10 | 54  |
|           |     |               |          |     |        | 1.000      | 0.437    | 3.45 | 3.44           | 0.000  | -56      | -6  | 48  |
|           |     | 0.414         | 0.050    | 134 | 0.003  | 1.000      | 0.364    | 3.57 | 3.56           | 0.000  | -6       | -22 | -2  |
|           |     |               |          |     |        | 1.000      | 0.364    | 3.56 | 3.55           | 0.000  | -8       | -22 | -14 |
|           |     |               |          |     |        | 1.000      | 0.663    | 3.11 | 3.10           | 0.001  | -14      | -26 | -4  |
|           |     | 1.000         | 0.684    | 26  | 0.138  | 1.000      | 0.374    | 3.55 | 3.53           | 0.000  | 58       | -6  | 6   |
|           |     | 0.871         | 0.137    | 91  | 0.010  | 1.000      | 0.387    | 3.53 | 3.52           | 0.000  | -62      | -4  | 20  |
|           |     |               |          |     |        | 1.000      | 0.721    | 3.04 | 3.03           | 0.001  | -56      | -6  | 12  |
|           |     |               |          |     |        | 1.000      | 0.931    | 2.61 | 2.60           | 0.005  | -54      | -6  | 20  |
|           |     | 1.000         | 0.773    | 20  | 0.190  | 1.000      | 0.409    | 3.49 | 3.47           | 0.000  | -14      | -32 | 60  |
|           |     | 1.000         | 0.684    | 31  | 0.108  | 1.000      | 0.440    | 3.44 | 3.43           | 0.000  | -14      | -18 | -30 |
|           |     | 1.000         | 0.773    | 20  | 0.190  | 1.000      | 0.440    | 3.43 | 3.41           | 0.000  | -8       | -52 | 48  |
|           |     | 1.000         | 0.684    | 35  | 0.090  | 1.000      | 0.440    | 3.42 | 3.41           | 0.000  | -6       | 42  | -4  |
|           |     | 1.000         | 0.798    | 10  | 0.351  | 1.000      | 0.445    | 3.41 | 3.39           | 0.000  | -42      | 26  | -4  |
|           |     | 1.000         | 0.798    | 8   | 0.406  | 1.000      | 0.445    | 3.40 | 3.39           | 0.000  | 0        | -46 | -44 |
|           |     | 1.000         | 0.430    | 50  | 0.047  | 1.000      | 0.476    | 3.37 | 3.35           | 0.000  | -18      | 0   | 64  |
|           |     |               |          |     |        | 1.000      | 0.832    | 2.84 | 2.83           | 0.002  | -18      | 0   | 76  |
|           |     | 1.000         | 0.798    | 15  | 0.254  | 1.000      | 0.498    | 3.34 | 3.33           | 0.000  | 14       | 14  | 68  |
|           |     | 1.000         | 0.798    | 16  | 0.239  | 1.000      | 0.502    | 3.34 | 3.32           | 0.000  | 0        | 42  | 8   |
|           |     | 0.242         | 0.033    | 157 | 0.001  | 1.000      | 0.509    | 3.33 | 3.31           | 0.000  | -6       | -20 | 70  |

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 = 6.9 6.9 7.2 mm mm mm; 3.5 3.4 3.6 {voxels}  
 Expected voxels per cluster,  $\langle k \rangle = 12.425$  Volume: 1705224 = 213153 voxels = 4579.0 resels  
 Expected number of clusters,  $\langle c \rangle = 195.49$  Voxel size: 2.0 2.0 2.0 mm mm mm; (resel = 43.04 voxels)  
 FWEp: 5.050, FDRp: Inf, FWEc: 294, FDRc: 0.523