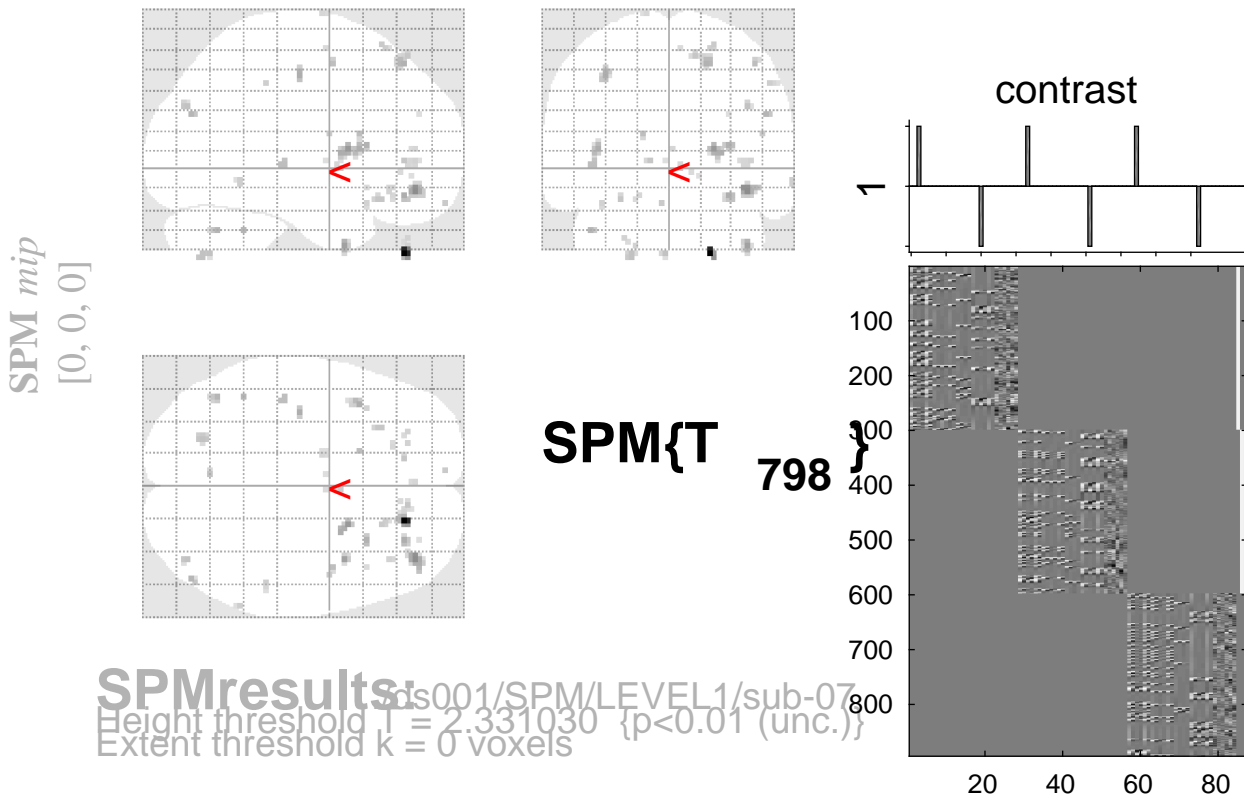


# pumps demean vs ctrl demean



## Statistics: *p-values adjusted for search volume*

| set-level |       | cluster-level |       |       |                     | peak-level |       |      |                | mm mm mm            |     |     |     |
|-----------|-------|---------------|-------|-------|---------------------|------------|-------|------|----------------|---------------------|-----|-----|-----|
| $p$       | $c$   | $p$           | $q$   | $k$   | $p_{\text{uncorr}}$ | $p$        | $q$   | $T$  | $(Z_{\equiv})$ | $p_{\text{uncorr}}$ |     |     |     |
| 1.00041   |       | 1.000         | 0.800 | 8     | 0.409               | 0.584      | 0.212 | 4.36 | 4.33           | 0.000               | 20  | 38  | -46 |
|           |       | 1.000         | 0.800 | 31    | 0.110               | 1.000      | 0.994 | 3.07 | 3.06           | 0.001               | 40  | 44  | -14 |
|           |       | 1.000         | 0.800 | 16    | 0.242               | 1.000      | 0.994 | 2.94 | 2.93           | 0.002               | 22  | 8   | 8   |
|           |       | 1.000         | 0.800 | 12    | 0.309               | 1.000      | 0.994 | 2.89 | 2.88           | 0.002               | 40  | 6   | -42 |
|           |       | 1.000         | 0.800 | 17    | 0.228               | 1.000      | 0.994 | 2.79 | 2.78           | 0.003               | -40 | 14  | 8   |
|           |       | 1.000         | 0.800 | 8     | 0.409               | 1.000      | 0.994 | 2.76 | 2.76           | 0.003               | 30  | 38  | -16 |
|           |       | 1.000         | 0.800 | 8     | 0.409               | 1.000      | 0.994 | 2.76 | 2.76           | 0.003               | -36 | -18 | 46  |
|           |       | 1.000         | 0.800 | 22    | 0.173               | 1.000      | 0.994 | 2.74 | 2.74           | 0.003               | 18  | 38  | 52  |
|           |       | 1.000         | 0.800 | 5     | 0.520               | 1.000      | 0.994 | 2.73 | 2.72           | 0.003               | 30  | 18  | 10  |
|           |       | 1.000         | 0.800 | 5     | 0.520               | 1.000      | 0.994 | 2.71 | 2.71           | 0.003               | -44 | -62 | -34 |
|           |       | 1.000         | 0.800 | 1     | 0.800               | 1.000      | 0.994 | 2.70 | 2.70           | 0.003               | -44 | -48 | -34 |
|           |       | 1.000         | 0.800 | 3     | 0.628               | 1.000      | 0.994 | 2.69 | 2.69           | 0.004               | 50  | -76 | 26  |
|           |       | 1.000         | 0.800 | 3     | 0.628               | 1.000      | 0.994 | 2.64 | 2.63           | 0.004               | 44  | 0   | 52  |
|           |       | 1.000         | 0.800 | 4     | 0.569               | 1.000      | 0.994 | 2.64 | 2.63           | 0.004               | -42 | -26 | 0   |
|           |       | 1.000         | 0.800 | 2     | 0.701               | 1.000      | 0.994 | 2.63 | 2.62           | 0.004               | -16 | 14  | 16  |
|           |       | 1.000         | 0.800 | 9     | 0.380               | 1.000      | 0.994 | 2.60 | 2.60           | 0.005               | -22 | -70 | -46 |
|           |       | 1.000         | 0.800 | 5     | 0.520               | 1.000      | 0.994 | 2.59 | 2.59           | 0.005               | 40  | -78 | 30  |
|           |       | 1.000         | 0.800 | 3     | 0.628               | 1.000      | 0.994 | 2.58 | 2.58           | 0.005               | -4  | -66 | -46 |
|           |       | 1.000         | 0.800 | 4     | 0.569               | 1.000      | 0.994 | 2.57 | 2.57           | 0.005               | -28 | 24  | -18 |
|           |       | 1.000         | 0.800 | 2     | 0.701               | 1.000      | 0.994 | 2.57 | 2.57           | 0.005               | -12 | 38  | 2   |
|           | 1.000 | 0.800         | 2     | 0.701 | 1.000               | 0.994      | 2.54  | 2.53 | 0.006          | 4                   | 4   | -2  |     |
|           | 1.000 | 0.800         | 1     | 0.800 | 1.000               | 0.994      | 2.53  | 2.53 | 0.006          | 48                  | -2  | 16  |     |

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 = 7.1 7.0 7.0 mm mm mm; 3.6 3.5 3.5 {voxels}  
 Expected voxels per cluster,  $\langle k \rangle = 12.559$  Volume: 1676008 = 209501 voxels = 4449.9 resels  
 Expected number of clusters,  $\langle c \rangle = 190.65$  Voxel size: 2.0 2.0 2.0 mm mm mm; (resel = 43.51 voxels)  
 FWEp: 5.044, FDRp: Inf, FWEc: Inf, FDRc: Inf