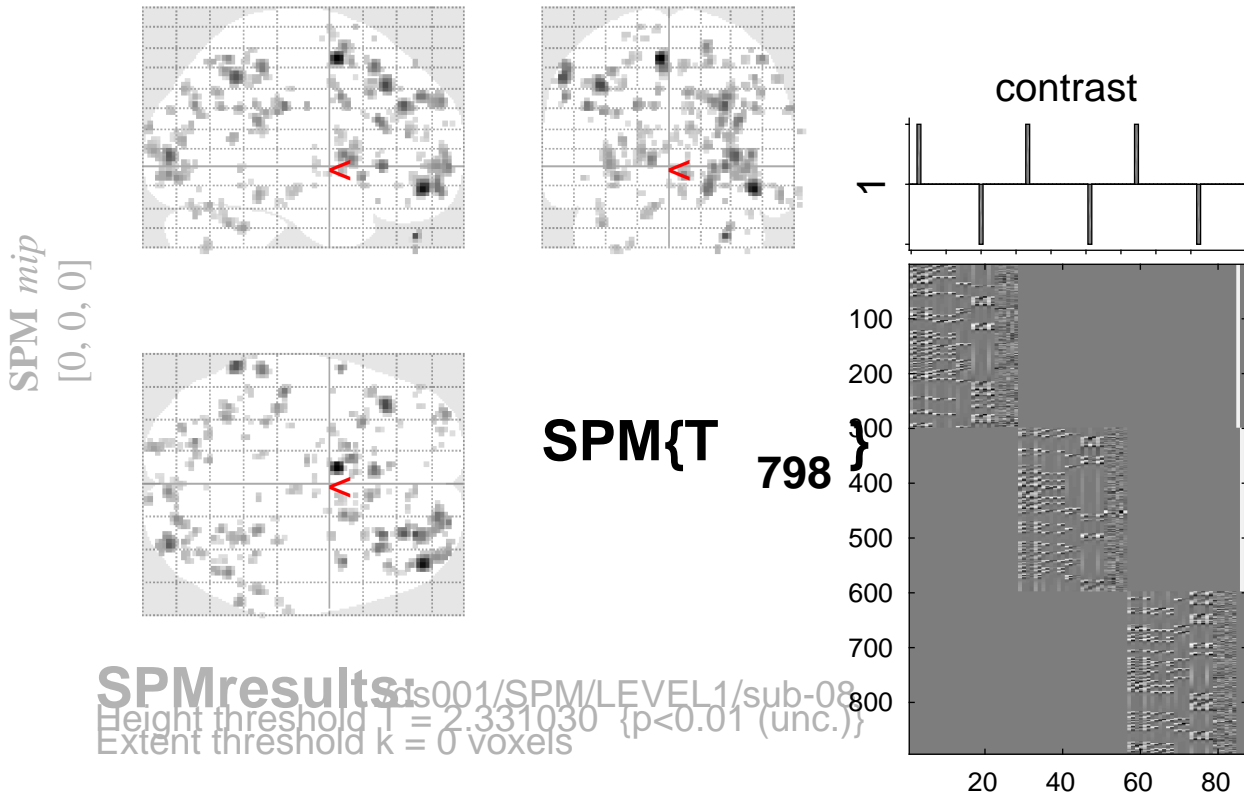


# pumps demean vs ctrl demean



## Statistics:

*p-values adjusted for search volume*

| set-level |     | cluster-level  |                |       |              | peak-level     |                |      |                |              | mm mm mm |     |     |
|-----------|-----|----------------|----------------|-------|--------------|----------------|----------------|------|----------------|--------------|----------|-----|-----|
| $p$       | $c$ | $p_{FWE-corr}$ | $q_{FDR-corr}$ | $k_E$ | $p_{uncorr}$ | $p_{FWE-corr}$ | $q_{FDR-corr}$ | $T$  | $(Z_{\equiv})$ | $p_{uncorr}$ |          |     |     |
| 1.000     | 144 | 1.000          | 0.790          | 34    | 0.085        | 0.145          | 0.126          | 4.81 | 4.78           | 0.000        | -6       | 2   | 54  |
|           |     | 0.297          | 0.127          | 142   | 0.002        | 0.343          | 0.168          | 4.58 | 4.55           | 0.000        | 44       | 48  | -14 |
|           |     |                |                |       |              | 1.000          | 1.000          | 3.16 | 3.15           | 0.001        | 40       | 56  | -2  |
|           |     | 0.988          | 0.696          | 67    | 0.021        | 0.983          | 0.926          | 3.96 | 3.94           | 0.000        | -38      | 28  | 40  |
|           |     |                |                |       |              | 1.000          | 1.000          | 2.78 | 2.77           | 0.003        | -46      | 20  | 42  |
|           |     | 1.000          | 0.790          | 12    | 0.292        | 0.994          | 0.926          | 3.89 | 3.88           | 0.000        | 28       | 44  | -38 |
|           |     | 1.000          | 0.790          | 36    | 0.077        | 0.998          | 0.926          | 3.84 | 3.83           | 0.000        | -58      | -52 | 44  |
|           |     | 0.313          | 0.127          | 140   | 0.002        | 0.999          | 0.926          | 3.80 | 3.78           | 0.000        | 28       | 38  | 30  |
|           |     |                |                |       |              | 1.000          | 1.000          | 3.43 | 3.42           | 0.000        | 28       | 46  | 34  |
|           |     |                |                |       |              | 1.000          | 1.000          | 3.26 | 3.24           | 0.001        | 22       | 58  | 32  |
|           |     | 0.956          | 0.696          | 76    | 0.015        | 1.000          | 0.947          | 3.74 | 3.73           | 0.000        | 34       | -88 | 4   |
|           |     |                |                |       |              | 1.000          | 1.000          | 2.90 | 2.89           | 0.002        | 34       | -92 | -8  |
|           |     | 1.000          | 0.790          | 17    | 0.211        | 1.000          | 1.000          | 3.61 | 3.59           | 0.000        | 28       | 26  | -2  |
|           |     | 1.000          | 0.790          | 32    | 0.094        | 1.000          | 1.000          | 3.55 | 3.53           | 0.000        | -6       | 22  | 50  |
|           |     | 0.994          | 0.696          | 63    | 0.024        | 1.000          | 1.000          | 3.50 | 3.48           | 0.000        | 18       | 56  | -14 |
|           |     |                |                |       |              | 1.000          | 1.000          | 3.36 | 3.35           | 0.000        | 22       | 62  | -2  |
|           |     | 1.000          | 0.790          | 30    | 0.103        | 1.000          | 1.000          | 3.46 | 3.44           | 0.000        | -46      | -26 | 30  |
|           |     |                |                |       |              | 1.000          | 1.000          | 3.10 | 3.09           | 0.001        | -38      | -30 | 26  |
|           |     | 1.000          | 0.790          | 26    | 0.127        | 1.000          | 1.000          | 3.45 | 3.43           | 0.000        | 36       | 24  | 22  |
|           |     | 1.000          | 0.790          | 32    | 0.094        | 1.000          | 1.000          | 3.40 | 3.39           | 0.000        | -56      | -38 | 48  |
|           |     | 1.000          | 0.790          | 27    | 0.121        | 1.000          | 1.000          | 3.37 | 3.36           | 0.000        | 42       | 6   | 4   |
|           |     |                |                |       |              | 1.000          | 1.000          | 2.78 | 2.78           | 0.003        | 44       | 4   | -4  |

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 = 6.8 6.8 7.0 mm mm mm; 3.4 3.4 3.5 {voxels}  
 Expected voxels per cluster,  $\langle k \rangle = 11.662$  Volume: 1749896 = 218737 voxels = 5015.7 resels  
 Expected number of clusters,  $\langle c \rangle = 212.21$  Voxel size: 2.0 2.0 2.0 mm mm mm; (resel = 40.40 voxels)  
 FWEp: 5.069, FDRp: Inf, FWEc: Inf, FDRc: Inf