# pumps demean vs ctrl demean



SPM mip
[0, 0, 0]

SPM{T 798 }

contrast

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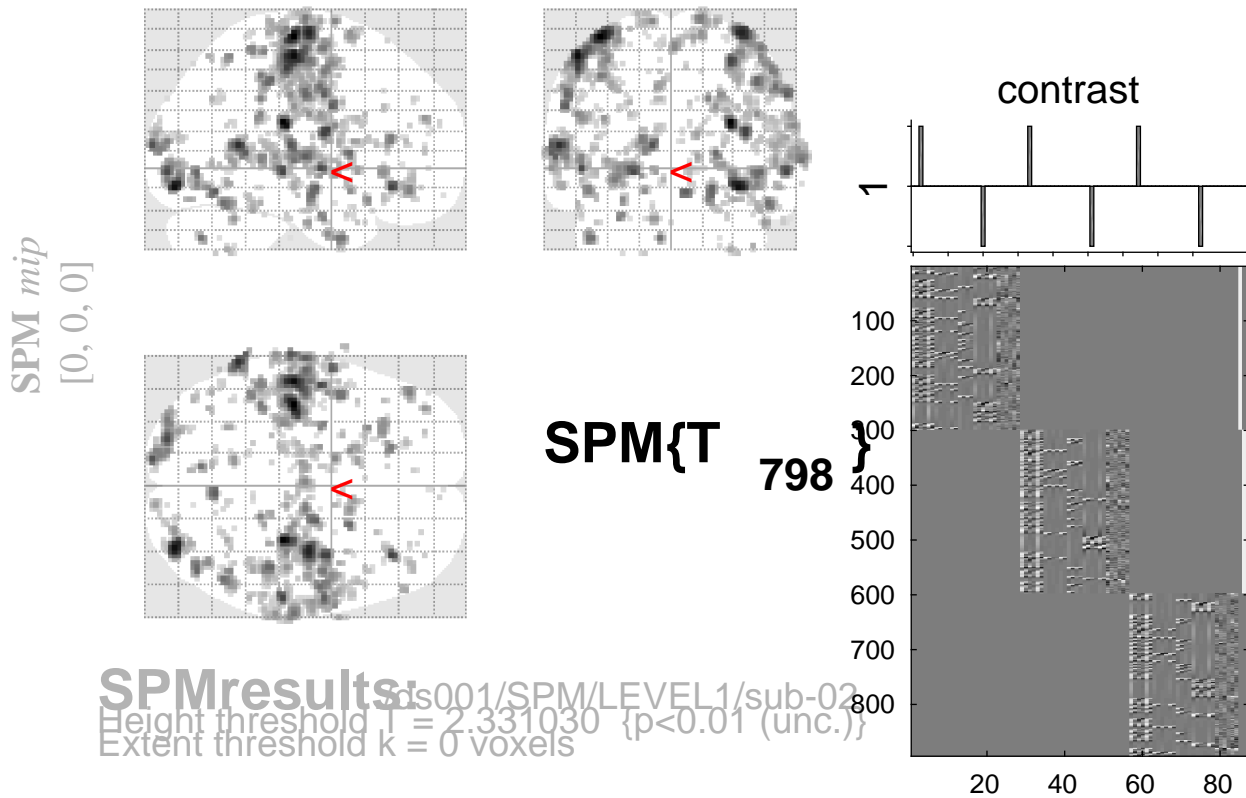
## Statistics: *p-values adjusted for search volume*

| set-level | | cluster-level | | | | peak-level | | | | | mm mm mm | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $p$ | $c$ | $p_{FWE-corr}$ | $q_{FDR-corr}$ | $k_E$ | $p_{uncorr}$ | $p_{FWE-corr}$ | $q_{FDR-corr}$ | $T$ | $(Z_\equiv)$ | $p_{uncorr}$ | | | |
| 0.995190 | | 0.000 | 0.000 | 693 | 0.000 | 0.528 | 0.531 | 4.45 | 4.42 | 0.000 | −40 | −22 | 66 |
| | | | | | | 0.768 | 0.531 | 4.27 | 4.25 | 0.000 | −52 | −22 | 56 |
| | | | | | | 1.000 | 1.000 | 3.50 | 3.48 | 0.000 | −46 | −16 | 60 |
| | | 1.000 | 0.476 | 47 | 0.036 | 0.654 | 0.531 | 4.36 | 4.33 | 0.000 | 30 | −28 | 22 |
| | | 0.345 | 0.071 | 122 | 0.002 | 0.818 | 0.531 | 4.23 | 4.20 | 0.000 | 34 | −86 | −12 |
| | | | | | | 1.000 | 1.000 | 2.96 | 2.95 | 0.002 | 26 | −86 | 0 |
| | | 0.000 | 0.000 | 451 | 0.000 | 0.949 | 0.740 | 4.07 | 4.05 | 0.000 | 36 | −14 | 68 |
| | | | | | | 1.000 | 1.000 | 3.73 | 3.71 | 0.000 | 30 | −24 | 54 |
| | | | | | | 1.000 | 1.000 | 3.48 | 3.47 | 0.000 | 60 | −6 | 36 |
| | | 0.752 | 0.145 | 89 | 0.006 | 0.989 | 0.940 | 3.95 | 3.93 | 0.000 | −62 | −52 | 10 |
| | | | | | | 1.000 | 1.000 | 2.68 | 2.68 | 0.004 | −56 | −48 | 14 |
| | | 1.000 | 0.535 | 32 | 0.076 | 1.000 | 1.000 | 3.76 | 3.75 | 0.000 | 38 | 30 | −12 |
| | | 1.000 | 0.493 | 38 | 0.056 | 1.000 | 1.000 | 3.75 | 3.74 | 0.000 | 38 | −6 | 16 |
| | | 0.014 | 0.004 | 234 | 0.000 | 1.000 | 1.000 | 3.72 | 3.70 | 0.000 | 60 | −28 | −4 |
| | | | | | | 1.000 | 1.000 | 3.30 | 3.28 | 0.001 | 68 | −22 | 2 |
| | | | | | | 1.000 | 1.000 | 3.02 | 3.01 | 0.001 | 68 | −32 | 4 |
| | | 1.000 | 0.774 | 21 | 0.143 | 1.000 | 1.000 | 3.69 | 3.67 | 0.000 | −50 | −8 | −2 |
| | | 0.238 | 0.057 | 135 | 0.001 | 1.000 | 1.000 | 3.68 | 3.66 | 0.000 | −22 | −90 | −4 |
| | | | | | | 1.000 | 1.000 | 3.24 | 3.23 | 0.001 | −32 | −90 | −8 |
| | | | | | | 1.000 | 1.000 | 2.94 | 2.93 | 0.002 | −26 | −84 | 0 |
| | | 0.671 | 0.132 | 95 | 0.005 | 1.000 | 1.000 | 3.62 | 3.60 | 0.000 | −12 | −98 | 10 |
| | | | | | | 1.000 | 1.000 | 3.21 | 3.20 | 0.001 | −16 | −90 | 12 |

*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 6.6 6.6 mm mm mm; 3.3 3.3 3.3 {voxels}
Expected voxels per cluster, <k> = 10.284 Volume: 1655304 = 206913 voxels = 5357.9 resels
Expected number of clusters, <c> = 227.60 Voxel size: 2.0 2.0 2.0 mm mm mm; (resel = 35.63 voxels)
FWEp: 5.075, FDRp: Inf, FWEc: 234, FDRc: 234