# tone counting vs baseline

SPM{T $_{98}$}

contrast

**SPMresults:** ./spm_FDR_p005

Height threshold T = 2.751981 {p<0.05 (FDR)}

Extent threshold k = 0 voxels

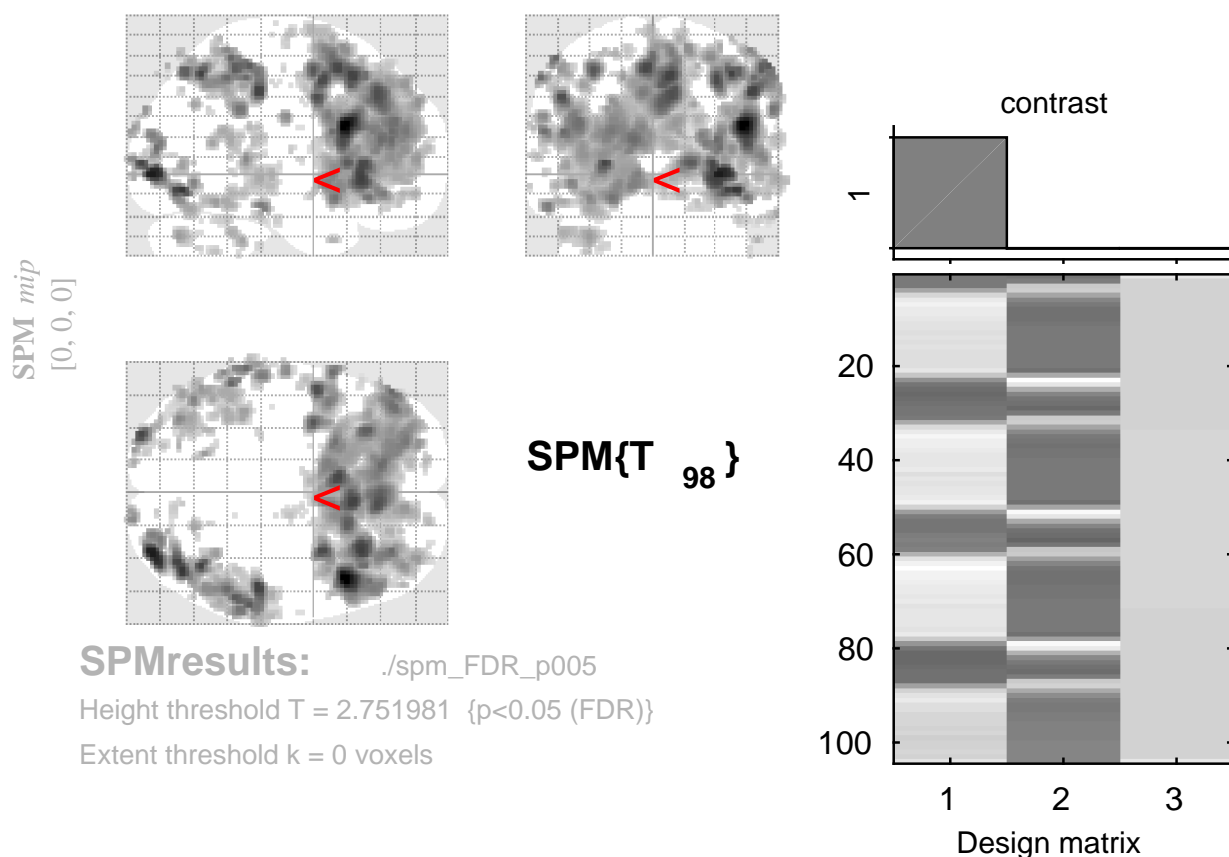Design matrix

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

| set-level | | cluster-level | | | | peak-level | | | | | mm mm mm | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $p$ | $c$ | $p_{\text{FWE-corr}}$ | $q_{\text{FDR-corr}}$ | $k_E$ | $p_{\text{uncorr}}$ | $p_{\text{FWE-corr}}$ | $q_{\text{FDR-corr}}$ | $T$ | $(Z_{\equiv})$ | $p_{\text{uncorr}}$ | | | |
| 0.045 | 94 | 0.000 | | 10882 | 0.000 | 0.000 | 0.000 | 7.92 | 6.95 | 0.000 | 46 | 16 | 24 |
| | | | | | | 0.001 | 0.000 | 6.32 | 5.77 | 0.000 | 32 | 24 | -4 |
| | | | | | | 0.001 | 0.000 | 6.28 | 5.74 | 0.000 | 8 | 18 | 50 |
| | | 0.000 | | 464 | 0.000 | 0.000 | 0.000 | 7.12 | 6.37 | 0.000 | 34 | -88 | -2 |
| | | | | | | 0.000 | 0.000 | 6.48 | 5.90 | 0.000 | 42 | -72 | -10 |
| | | | | | | 0.067 | 0.000 | 5.23 | 4.90 | 0.000 | 34 | -86 | 12 |
| | | 0.000 | | 1082 | 0.000 | 0.001 | 0.000 | 6.25 | 5.72 | 0.000 | 52 | -32 | 42 |
| | | | | | | 0.001 | 0.000 | 6.25 | 5.72 | 0.000 | 40 | -62 | 50 |
| | | | | | | 0.011 | 0.000 | 5.70 | 5.29 | 0.000 | 56 | -44 | 52 |
| | | 0.073 | | 155 | 0.001 | 0.002 | 0.000 | 6.15 | 5.64 | 0.000 | -28 | -94 | 4 |
| | | | | | | 0.940 | 0.003 | 4.12 | 3.95 | 0.000 | -48 | -72 | 2 |
| | | | | | | 1.000 | 0.007 | 3.71 | 3.58 | 0.000 | -34 | -84 | -2 |
| | | 0.000 | | 468 | 0.000 | 0.002 | 0.000 | 6.10 | 5.60 | 0.000 | 32 | 2 | 46 |
| | | | | | | 0.454 | 0.001 | 4.61 | 4.37 | 0.000 | 28 | 4 | 58 |
| | | | | | | 0.985 | 0.004 | 3.99 | 3.83 | 0.000 | 42 | 4 | 48 |
| | | 0.000 | | 602 | 0.000 | 0.004 | 0.000 | 5.98 | 5.51 | 0.000 | -52 | 0 | 38 |
| | | | | | | 0.068 | 0.000 | 5.23 | 4.90 | 0.000 | -60 | 8 | 20 |
| | | | | | | 0.151 | 0.000 | 4.99 | 4.70 | 0.000 | -44 | 6 | 28 |
| | | 0.073 | | 155 | 0.001 | 0.008 | 0.000 | 5.78 | 5.35 | 0.000 | -34 | -2 | 52 |
| | | 1.000 | | 24 | 0.135 | 0.035 | 0.000 | 5.41 | 5.05 | 0.000 | -54 | -46 | 58 |

*table shows 3 local maxima more than 8.0mm apart*

Height threshold: T = 2.75, p = 0.004 (1.000)

Extent threshold: k = 0 voxels

Expected voxels per cluster, <k> = 11.265

Expected number of clusters, <c> = 78.18

FWEp: 5.310, FDRp: 4.527, FWEc: 417, FDRc: 102

Degrees of freedom = [1.0, 98.0]

FWHM = 8.2 8.1 7.9 mm mm mm; 4.1 4.0 4.0 {voxels}

Volume: 1784456 = 223057 voxels = 3155.8 resels

Voxel size: 2.0 2.0 2.0 mm mm mm; (resel = 65.58 voxels)

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