# tone counting vs baseline
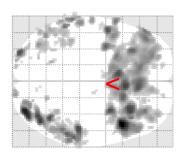


SPM $mip$
[0, 0, 0]

SPM{T $_{98}$}

contrast

**SPMresults:** ./spm_voxelwise_p0001

Height threshold T = 3.175486 {p<0.001 (unc.)}

Extent threshold k = 0 voxels

Design matrix

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

| set-level | | cluster-level | | | | peak-level | | | | | mm mm mm | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $p$ | $c$ | $p_{FWE-corr}$ | $q_{FDR-corr}$ | $k_E$ | $p_{uncorr}$ | $p_{FWE-corr}$ | $q_{FDR-corr}$ | $T$ | $(Z_{\equiv})$ | $p_{uncorr}$ | | | |
| | | 0.015 | 0.004 | 116 | 0.000 | 0.008 | 0.003 | 5.78 | 5.35 | 0.000 | −34 | −2 | 52 |
| | | 0.965 | 0.279 | 19 | 0.100 | 0.035 | 0.008 | 5.41 | 5.05 | 0.000 | −54 | −46 | 58 |
| | | 0.339 | 0.071 | 50 | 0.012 | 0.048 | 0.011 | 5.32 | 4.97 | 0.000 | −62 | −38 | 48 |
| | | | | | | 0.496 | 0.064 | 4.57 | 4.34 | 0.000 | −60 | −50 | 48 |
| | | 0.000 | 0.000 | 447 | 0.000 | 0.050 | 0.011 | 5.31 | 4.96 | 0.000 | 32 | 40 | 16 |
| | | | | | | 0.520 | 0.065 | 4.55 | 4.32 | 0.000 | 40 | 46 | 12 |
| | | | | | | 0.789 | 0.116 | 4.32 | 4.12 | 0.000 | 36 | 54 | 6 |
| | | 0.002 | 0.001 | 162 | 0.000 | 0.058 | 0.011 | 5.27 | 4.93 | 0.000 | 40 | 26 | 48 |
| | | 0.794 | 0.191 | 29 | 0.047 | 0.181 | 0.025 | 4.93 | 4.65 | 0.000 | −58 | −30 | −18 |
| | | 0.579 | 0.130 | 38 | 0.026 | 0.301 | 0.040 | 4.76 | 4.51 | 0.000 | −46 | −66 | −6 |
| | | | | | | 1.000 | 0.344 | 3.76 | 3.63 | 0.000 | −54 | −64 | −8 |
| | | 0.007 | 0.002 | 134 | 0.000 | 0.339 | 0.045 | 4.72 | 4.47 | 0.000 | 58 | −38 | 6 |
| | | | | | | 0.985 | 0.234 | 3.98 | 3.83 | 0.000 | 64 | −30 | −4 |
| | | | | | | 1.000 | 0.565 | 3.51 | 3.40 | 0.000 | 60 | −40 | −12 |
| | | 0.096 | 0.022 | 76 | 0.003 | 0.355 | 0.047 | 4.70 | 4.46 | 0.000 | −36 | −74 | −14 |
| | | | | | | 0.956 | 0.187 | 4.09 | 3.92 | 0.000 | −36 | −68 | −20 |
| | | | | | | 1.000 | 0.386 | 3.71 | 3.58 | 0.000 | −30 | −58 | −16 |
| | | 0.986 | 0.324 | 16 | 0.128 | 0.468 | 0.060 | 4.60 | 4.36 | 0.000 | 16 | −98 | 6 |
| | | 0.859 | 0.206 | 26 | 0.058 | 0.487 | 0.063 | 4.58 | 4.35 | 0.000 | −60 | −16 | 28 |
| | | 0.794 | 0.191 | 29 | 0.047 | 0.730 | 0.102 | 4.37 | 4.17 | 0.000 | −52 | −62 | 52 |

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

Height threshold: T = 3.18, p = 0.001 (1.000)  
Extent threshold: k = 0 voxels  
Expected voxels per cluster, <k> = 7.217  
Expected number of clusters, <c> = 33.56  
FWEp: 5.310, FDRp: 4.700, FWEc: 116, FDRc: 61

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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