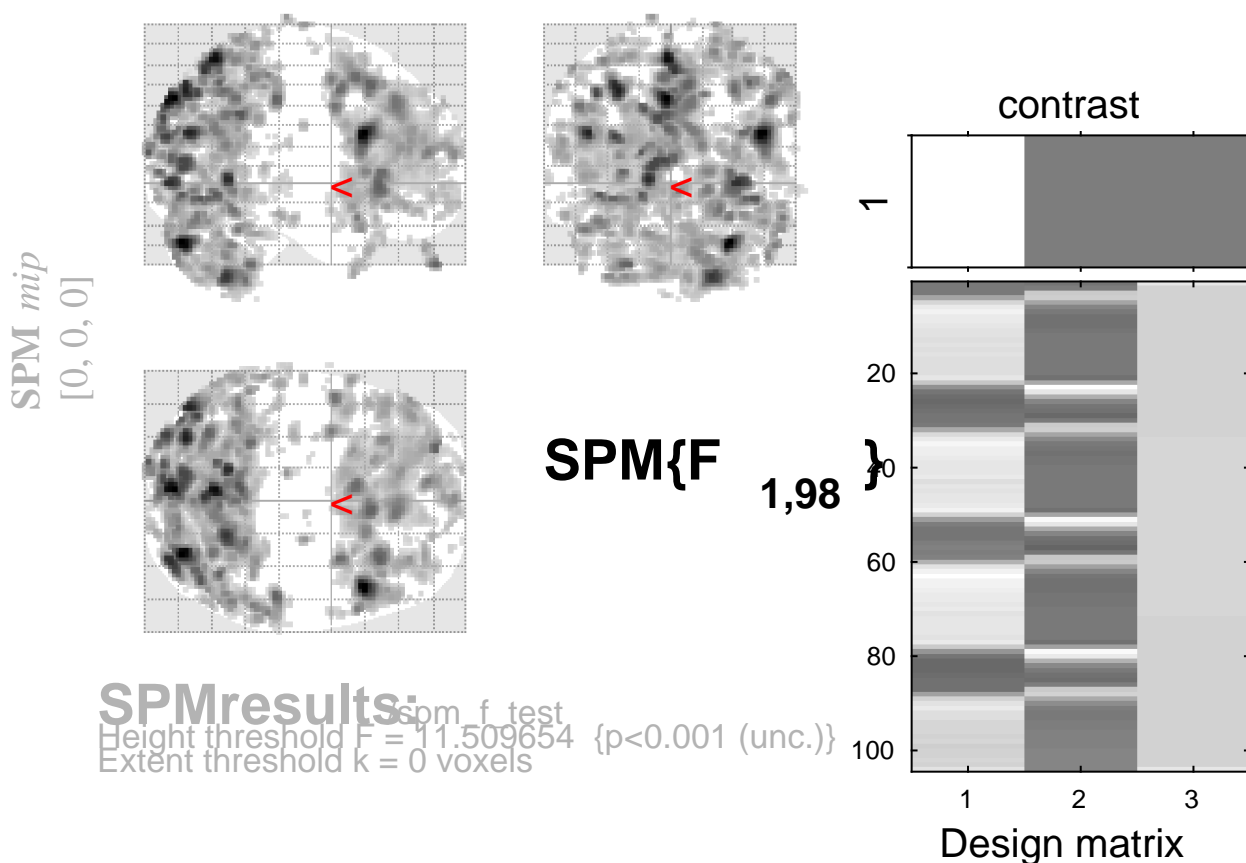


# tone counting vs baseline



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

| set-level |     | cluster-level  |                |       | peak-level   |                |                |      |       | mm mm mm     |      |     |
|-----------|-----|----------------|----------------|-------|--------------|----------------|----------------|------|-------|--------------|------|-----|
| $p$       | $c$ | $p_{FWE-corr}$ | $q_{FDR-corr}$ | $k_E$ | $p_{uncorr}$ | $p_{FWE-corr}$ | $q_{FDR-corr}$ | $F$  | $(Z)$ | $p_{uncorr}$ |      |     |
| 0.998     |     | 0.350          | 11             | 0.160 | 0.975        | 0.160          | 18.14          | 3.91 | 0.000 | -52          | 22   | -20 |
| 1.000     |     | 0.576          | 5              | 0.338 | 0.979        | 0.164          | 18.02          | 3.89 | 0.000 | -18          | -60  | 48  |
| 0.959     |     | 0.225          | 18             | 0.078 | 0.981        | 0.168          | 17.94          | 3.88 | 0.000 | -48          | -60  | -12 |
|           |     |                |                |       | 1.000        | 0.683          | 12.86          | 3.28 | 0.001 | -56          | -58  | -14 |
| 1.000     |     | 0.520          | 6              | 0.294 | 0.983        | 0.171          | 17.87          | 3.88 | 0.000 | -20          | -98  | 22  |
| 0.621     |     | 0.093          | 32             | 0.024 | 0.984        | 0.171          | 17.86          | 3.87 | 0.000 | -36          | -74  | -34 |
| 0.564     |     | 0.085          | 34             | 0.020 | 0.984        | 0.171          | 17.83          | 3.87 | 0.000 | 38           | 42   | 30  |
| 0.413     |     | 0.065          | 40             | 0.013 | 0.984        | 0.171          | 17.83          | 3.87 | 0.000 | -6           | 8    | -14 |
|           |     |                |                |       | 1.000        | 0.690          | 12.81          | 3.27 | 0.001 | -14          | 10   | -20 |
| 0.979     |     | 0.250          | 16             | 0.095 | 0.988        | 0.177          | 17.67          | 3.85 | 0.000 | 34           | -54  | -16 |
| 0.979     |     | 0.250          | 16             | 0.095 | 0.990        | 0.184          | 17.54          | 3.84 | 0.000 | 2            | 56   | -20 |
| 1.000     |     | 0.484          | 7              | 0.258 | 0.990        | 0.184          | 17.53          | 3.84 | 0.000 | 12           | -100 | 20  |
| 0.945     |     | 0.215          | 19             | 0.071 | 0.992        | 0.191          | 17.42          | 3.83 | 0.000 | -40          | -38  | 44  |
| 1.000     |     | 0.520          | 6              | 0.294 | 0.995        | 0.206          | 17.13          | 3.79 | 0.000 | -4           | -60  | -60 |
| 0.945     |     | 0.215          | 19             | 0.071 | 0.996        | 0.217          | 16.99          | 3.78 | 0.000 | -48          | -72  | 2   |
| 1.000     |     | 0.602          | 4              | 0.393 | 0.998        | 0.229          | 16.81          | 3.76 | 0.000 | -26          | -66  | 48  |
| 0.998     |     | 0.350          | 11             | 0.160 | 0.998        | 0.231          | 16.77          | 3.75 | 0.000 | 28           | -78  | -4  |
| 0.999     |     | 0.374          | 10             | 0.179 | 0.998        | 0.231          | 16.74          | 3.75 | 0.000 | -32          | 16   | -46 |
| 1.000     |     | 0.520          | 6              | 0.294 | 0.999        | 0.241          | 16.59          | 3.73 | 0.000 | 20           | -66  | 34  |
| 0.460     |     | 0.070          | 38             | 0.015 | 0.999        | 0.251          | 16.46          | 3.72 | 0.000 | -46          | -56  | 14  |
|           |     |                |                |       | 1.000        | 0.303          | 15.79          | 3.64 | 0.000 | -50          | -50  | 20  |
| 1.000     |     | 0.602          | 4              | 0.393 | 0.999        | 0.251          | 16.46          | 3.72 | 0.000 | 54           | -70  | 10  |
| 1.000     |     | 0.520          | 6              | 0.294 | 0.999        | 0.255          | 16.40          | 3.71 | 0.000 | -30          | -10  | 66  |
| 0.844     |     | 0.168          | 24             | 0.046 | 0.999        | 0.256          | 16.39          | 3.71 | 0.000 | -10          | 42   | 4   |

table shows 3 local maxima more than 8.0mm apart

Height threshold:  $F = 11.51$ ,  $p = 0.001$  (1.000 degrees of freedom = [1.0, 98.0])  
 Extent threshold:  $k = 0$  voxels FWHM = 8.2 8.1 7.9 mm mm mm; 4.1 4.0 4.0 {voxels}  
 Expected voxels per cluster,  $\langle k \rangle = 5.889$  Volume: 1784456 = 223057 voxels = 3155.8 resels  
 Expected number of clusters,  $\langle c \rangle = 40.66$  Voxel size: 2.0 2.0 2.0 mm mm mm; (resel = 65.58 voxels)  
 FWEp: 30.187, FDRp: 22.545, FWEc: 86, FDRc: 61