

SPM mip  
[0, 0, 0]



## Design matrix

| set-level |     | cluster-level |          |     |        | peak-level |          |      |                  |        | mm mm mm |     |     |
|-----------|-----|---------------|----------|-----|--------|------------|----------|------|------------------|--------|----------|-----|-----|
| $p$       | $c$ | $p$           | $q$      | $k$ | $p$    | $p$        | $q$      | $T$  | $(Z_{\text{=}})$ | $p$    |          |     |     |
|           |     | FWE-corr      | FDR-corr | E   | uncorr | FWE-corr   | FDR-corr |      |                  | uncorr |          |     |     |
|           |     | 1.000         | 0.389    | 54  | 0.043  | 0.987      | 0.077    | 3.91 | 3.88             | 0.000  | 52       | -22 | 14  |
|           |     | 0.968         | 0.266    | 77  | 0.019  | 0.993      | 0.085    | 3.87 | 3.84             | 0.000  | -44      | 26  | 36  |
|           |     | 1.000         | 0.434    | 49  | 0.052  | 0.994      | 0.088    | 3.86 | 3.83             | 0.000  | -14      | 22  | 56  |
|           |     | 1.000         | 0.802    | 22  | 0.177  | 0.997      | 0.096    | 3.82 | 3.79             | 0.000  | -34      | -30 | 40  |
|           |     | 1.000         | 0.660    | 31  | 0.114  | 0.998      | 0.099    | 3.80 | 3.77             | 0.000  | -2       | -6  | -16 |
|           |     | 1.000         | 0.802    | 20  | 0.197  | 1.000      | 0.124    | 3.72 | 3.69             | 0.000  | 66       | -32 | -18 |
|           |     | 0.999         | 0.389    | 56  | 0.040  | 1.000      | 0.141    | 3.67 | 3.64             | 0.000  | -60      | -34 | 10  |
|           |     | 0.800         | 0.151    | 100 | 0.009  | 1.000      | 0.156    | 3.60 | 3.58             | 0.000  | -40      | 42  | 24  |
|           |     | 1.000         | 0.575    | 39  | 0.079  | 1.000      | 0.163    | 3.58 | 3.56             | 0.000  | -48      | -36 | -20 |
|           |     | 1.000         | 0.389    | 54  | 0.043  | 1.000      | 0.168    | 3.56 | 3.53             | 0.000  | 42       | -32 | 12  |
|           |     |               |          |     |        | 1.000      | 0.585    | 2.84 | 2.83             | 0.002  | 44       | -36 | 4   |
|           |     |               |          |     |        | 1.000      | 0.779    | 2.61 | 2.60             | 0.005  | 46       | -40 | 18  |
|           |     | 0.975         | 0.266    | 75  | 0.020  | 1.000      | 0.175    | 3.54 | 3.51             | 0.000  | -34      | 6   | 30  |
|           |     | 1.000         | 0.773    | 24  | 0.160  | 1.000      | 0.191    | 3.50 | 3.47             | 0.000  | 12       | -22 | 36  |
|           |     | 1.000         | 0.467    | 46  | 0.059  | 1.000      | 0.196    | 3.48 | 3.46             | 0.000  | 8        | 22  | 18  |
|           |     | 0.714         | 0.147    | 108 | 0.007  | 1.000      | 0.205    | 3.46 | 3.44             | 0.000  | 38       | 26  | 0   |
|           |     |               |          |     |        | 1.000      | 0.400    | 3.08 | 3.06             | 0.001  | 38       | 20  | -8  |
|           |     |               |          |     |        | 1.000      | 0.546    | 2.90 | 2.88             | 0.002  | 30       | 20  | -2  |
|           |     | 1.000         | 0.603    | 37  | 0.087  | 1.000      | 0.207    | 3.46 | 3.44             | 0.000  | 36       | 4   | 36  |
|           |     | 1.000         | 0.610    | 35  | 0.095  | 1.000      | 0.214    | 3.44 | 3.42             | 0.000  | 44       | 18  | 10  |
|           |     | 1.000         | 0.802    | 18  | 0.220  | 1.000      | 0.218    | 3.43 | 3.41             | 0.000  | 20       | -36 | 26  |
|           |     | 1.000         | 0.610    | 35  | 0.095  | 1.000      | 0.220    | 3.43 | 3.41             | 0.000  | 32       | -62 | -40 |

*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, 498.0]  
Extent threshold:  $k = 0$  voxels FWHM = 7.1 6.9 7.3 mm mm mm; 3.5 3.4 3.7 {voxels}  
Expected voxels per cluster,  $\langle k \rangle = 12.855$  Volume: 1663728 = 207966 voxels = 4303.3 resels  
Expected number of clusters,  $\langle c \rangle = 185.23$  Voxel size: 2.0 2.0 2.0 mm mm mm; (resel = 44.67 voxels)  
FWEp: 5.065, FDRp: 4.079, FWEc: 339, FDRc: 206