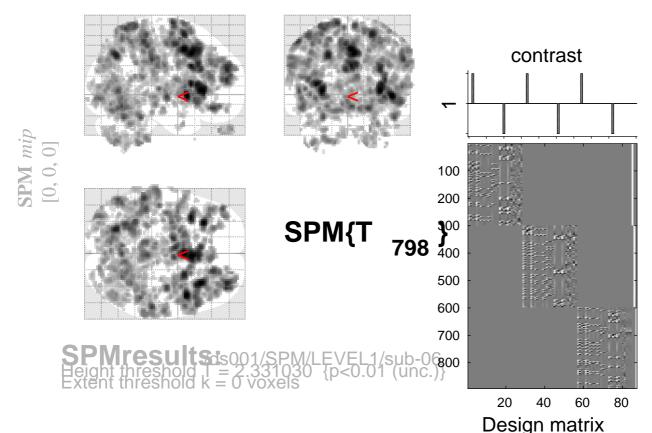
## pumps demean vs ctrl demean



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

| - construction of the contract |               |                |            |        |                       |                       |                     |                                  |       |                   |                  |                 |
|--|---------------|----------------|------------|--------|-----------------------|-----------------------|---------------------|----------------------------------|-------|-------------------|------------------|-----------------|
| set-level  | cluster-level |                |            |        | peak-level            |                       |                     |                                  |       | mm mm mm          |                  |                 |
| р с  | $p_{FWE-c}$   | p g k p uncorr |            |        | $ ho_{FWE-corr} q T$  |                       |                     | $(Z_{\equiv}) p_{\text{uncorr}}$ |       |                   |                  |                 |
| 1.000178   | 0.000         |                | 278        | 30.000 | 0.000                 | 0.001                 | 6.01                | 5.94                             | 0.000 | 32                | 22               | 2               |
|  |               |                |            |        | 0.000                 | 0.001                 | 5.98                | 5.91                             | 0.000 | 46                | _ 8              | -4              |
|  | 0 000         | 0 000          | <b>C20</b> | 0 000  | 0.022                 | 0.005                 | 5.24                | 5.19                             | 0.000 | 32                | 50               | 24              |
|  | 0.000         | 0.000          | 039        | 0.000  | <b>0.000</b> 0.002    | <b>0.001</b> 0.001    | <b>5.94</b> 5.70    | <b>5.87</b> 5.65                 | 0.000 | <b>-30</b><br>-36 | <b>26</b><br>12  | <b>2</b><br>10  |
|  |               |                |            |        | 0.744                 |                       | 4.29                | 4.26                             | 0.000 | -42               | 14               | -2              |
|  | 0.000         | 0.000          | 241        | 40.000 | 0.001                 | 0.001                 | 5.90                | 5.83                             | 0.000 | 2                 | 4                | 46              |
|  |               |                |            |        | 0.001                 | 0.001                 | 5.89                | 5.83                             | 0.000 | 4                 | 12               | 40              |
|  |               |                |            |        | 0.002                 |                       | 5.65                | 5.60                             | 0.000 | 2                 | 12               | 28              |
|  | 0.000         | 0.000          | 225.       | 30.000 | 0.006                 | 0.002                 | 5.48                | 5.43                             | 0.000 | -22               | -68              | 38              |
|  |               |                |            |        | 0.099 $0.124$         | 0.013<br>0.016        | 4.93<br>4.87        | 4.89<br>4.83                     | 0.000 | -56<br>-28        | -38<br>-58       | 52<br>66        |
|  | 0.000         | 0.000          | 821        | 0.000  | 0.044                 | 0.018                 | 5.10                | 5.06                             | 0.000 | -14               | <b>-8</b>        | <b>72</b>       |
|  |               |                |            |        | 0.543                 | 0.050                 | 4.44                | 4.41                             | 0.000 | -18               | 4                | 72              |
|  |               |                |            |        | 0.678                 | 0.064                 | 4.34                | 4.31                             | 0.000 | -30               | -8               | 60              |
|  | 0.000         | 0.000          | 962        | 0.000  | 0.095                 | 0.013                 | 4.94                | 4.90                             | 0.000 | 58                | -30              | 34              |
|  |               |                |            |        | 0.844                 | 0.078                 | 4.21                | 4.18                             | 0.000 | 62<br>63          | -16              | 28              |
|  | 0.852         | 0.055          | 82         | 0.008  | 0.976<br><b>0.171</b> | 0.115<br><b>0.021</b> | 4.01<br><b>4.79</b> | 3.98<br><b>4.75</b>              | 0.000 | 62<br><b>6</b>    | -38<br><b>-6</b> | 42<br><b>70</b> |
|  | 0.000         | 0.000          |            | 70.000 | 0.189                 | 0.021                 | 4.76                | 4.73                             | 0.000 | 2                 | -62              | -14             |
|  |               |                |            |        | 0.326                 | 0.030                 | 4.61                | 4.58                             | 0.000 | -28               |                  | -26             |
|  |               |                |            |        | 0.756                 | 0.068                 | 4.28                | 4.25                             | 0.000 | 10                | -58              | -16             |