**Table1** Wilcoxon rank sum test of maximum displacement and maximum rotation of the imaging data from HCs and SZs.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Maximum displacement |  |  | Maximum rotation |  |
| Test Statistics | *p* |  | Test Statistics | *p* |
| HLG | 1860.50 | 0.70 |  | 1826.00 | 0.84 |
| PKUH6 | 2953.00 | 0.40 |  | 2752.00 | 0.13 |
| WUHAN | 2552.50 | 0.92 |  | 2898.50 | 0.20 |
| HMG | 1371.00 | 0.77 |  | 1494.00 | 0.64 |
| HMS | 2506.00 | 0.02 |  | 2953.00 | 0.40 |
| ZMD | 1523.00 | 0.46 |  | 1357.00 | 0.77 |
| XJ | 1215.00 | 0.69 |  | 1133.00 | 0.85 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Center | PKUH6/HLG/XJ | HMS | HMG | RWU | ZMD |
| MRI scanner type | Vendor | Siemens | Siemens | General Electric | General Electric | General Electric |
| Model | TrioTim 3T | Verio 3T | Signa HDx 3T | Signa HDxt 3T | Signa HDxt 3T |
| MRI scan sequence and parameters | Sequence | BOLD fMRI | BOLD fMRI | BOLD fMRI | BOLD fMRI | BOLD fMRI |
| TR (ms) | 2000 | 2000 | 2000 | 2000 | 2000 |
| TE (ms) | 30 | 30 | 30 | 30 | 30 |
| Scan time (s) | 480 | 480 | 480 | 480 | 360 |
| Number of Slices | 33 | 33 | 33 | 33 | 33 |
| FA (°) | 90 | 90 | 90 | 90 | 90 |
| Orientation | Axial | Axial | Axial | Axial | Axial |
| Matrix size | 64\*64 | 64\*64 | 64\*64 | 64\*64 | 64\*64 |
| Pixel Spacing | 3.44\*3.44 | 3.44\*3.44 | 3.44\*3.44 | 3.44\*3.44 | 3.44\*3.44 |
| FOV(mm2) | 220\*220 | 220\*220 | 220\*220 | 220\*220 | 220\*220 |
| Slice Thickness (mm) | 4 | 4 | 4 | 4 | 4 |
| Gap (mm) | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |

**Table 1** Scanning sequences and parameters used at each center.