

Supplementary

Table S1 The information of brain Atlas and functional regions which is selected in present research

| literature and years | Brain coverage | Method | Original data format | Parcel number | Coordinates in MNI space (mm) | | | | | | | | | | | | | | | | | |
|-----------------------------|--|---------|----------------------|---------------|-------------------------------|-------|------|-----------|-------|------|------------|--------|-------|-----------|--------|-------|---------------|--------|--------|----------------|--------|--------|
| | | | | | Right hand | | | Left hand | | | Right foot | | | Left foot | | | Left language | | | Right language | | |
| | | | | | X | Y | Z | X | Y | Z | X | Y | Z | X | Y | Z | X | Y | Z | X | Y | Z |
| Power <i>et al.</i> 2011 | Cerebrum | Rs-fMRI | Volume | 264 | -20.7 | -31.3 | 60.9 | 42.1 | -20.2 | 54.6 | -6.90 | -20.59 | 65.21 | 2.40 | -27.94 | 60.15 | -56.00 | -13.00 | -10.00 | 58.00 | -16.00 | 7.00 |
| Shen <i>et al.</i> 2013 | Brain | Rs-fMRI | Volume | 184 | -24.2 | -28.8 | 63.8 | 37.4 | -25.4 | 57.4 | -7.07 | -37.12 | 64.43 | 8.08 | -22.96 | 48.85 | -50.50 | 0.90 | -20.20 | 52.50 | -2.70 | -9.70 |
| | | | | 278 | -22.2 | -27.8 | 62.7 | 35.4 | -27.6 | 60.6 | -5.05 | -26.67 | 61.72 | 9.09 | -31.15 | 47.33 | -56.60 | -11.80 | -12.60 | 55.60 | -17.30 | -4.60 |
| Joliot <i>et al.</i> 2015 | Cerebrum | Rs-fMRI | Volume | 384 | -23.0 | -29.0 | 64.0 | 37.0 | -20.0 | 60.0 | -10.00 | -29.00 | 65.00 | 11.00 | -27.00 | 66.00 | -55.00 | -7.00 | -13.00 | 47.00 | -7.00 | -2.00 |
| Fan <i>et al.</i> 2016 | Cerebral cortex and subcortical structures | PDT | Volume | 246 | -26.0 | -25.0 | 63.0 | 34.0 | -19.0 | 59.0 | -6.00 | -30.50 | 59.50 | 7.50 | -27.50 | 57.50 | -55.00 | -3.00 | -10.00 | 56.00 | -12.00 | -5.00 |
| Gordon <i>et al.</i> 2016 | Cerebral cortex | Rs-fMRI | Surface and volume | 333 | -20.5 | -24.9 | 64.5 | 38.1 | -22.4 | 60.3 | -5.00 | -28.20 | 60.40 | 4.80 | -27.10 | 64.80 | -54.40 | -1.40 | -0.70 | 57.10 | -17.00 | -2.60 |
| Schaefer <i>et al.</i> 2018 | Cerebral cortex | Rs-fMRI | Surface and volume | 200 | -32.0 | -22.0 | 64.0 | 33.0 | -21.0 | 65.0 | -5.00 | -29.00 | 67.00 | 6.00 | -23.00 | 69.00 | -56.00 | -6.00 | -12.00 | 54.00 | -6.00 | -10.00 |
| | | | | 300 | -31.0 | -29.0 | 62.0 | 37.0 | -20.0 | 64.0 | -4.00 | -25.00 | 67.00 | 5.00 | -23.00 | 65.00 | -56.00 | -8.00 | -6.00 | 52.00 | -10.00 | 2.00 |
| | | | | 400 | -32.0 | -29.0 | 63.0 | 37.0 | -20.0 | 64.0 | -4.00 | -25.00 | 56.00 | 4.00 | -25.00 | 58.00 | -56.00 | -8.00 | -14.00 | 62.00 | -18.00 | 0.00 |
| RtoL Data | | t-fMRI | Volume | | -39.5 | -19.8 | 61.7 | 38.3 | -18.1 | 60.6 | -5.0 | -25.90 | 74.90 | 6.80 | -26.10 | 74.80 | -51.80 | -10.70 | -13.40 | 53.10 | -4.00 | -9.10 |
| LtoR Data | | t-fMRI | Volume | | -39.7 | -19.3 | 58.4 | 39.7 | -18.7 | 62.4 | -7.6 | -28.3 | 75.10 | 5.10 | -24.20 | 76.70 | -53.80 | -9.70 | -16.00 | 55.50 | -2.00 | -12.10 |