

Table S4. Effects of randomness on volume and cortical thickness measurements

| Participant | Coefficient of variation (%) ^a | | Skewness | | Difference (%) ^b | |
|---------------------------|---|--------------|--------------|--------------|-----------------------------|----------------|
| | Mean (sd) | Range | Mean (sd) | Range | Mean (sd) | Range |
| Volume | | | | | | |
| 1 | 3.06 (3.34) | 0.33 - 20.37 | 0.16 (1.69) | -5.90 - 7.35 | -0.23 (3.41) | -14.93 - 13.46 |
| 2 | 2.21 (2.19) | 0.37 - 19.18 | 0.04 (0.98) | -5.67 - 5.18 | 0.49 (3.80) | -7.65 - 20.91 |
| 3 | 2.03 (1.58) | 0.28 - 10.24 | 0.17 (0.85) | -2.91 - 4.31 | 0.11 (2.54) | -9.17 - 7.25 |
| All | 2.43 (2.52) | 0.28 - 20.37 | 0.12 (1.23) | -5.90 - 7.35 | 0.12 (3.29) | -14.93 - 20.91 |
| Cortical thickness | | | | | | |
| 1 | 0.69 (0.72) | 0.13 - 3.88 | -0.02 (0.91) | -4.61 - 2.23 | -0.07 (0.98) | -4.89 - 2.53 |
| 2 | 0.71 (0.65) | 0.10 - 3.40 | -0.47 (0.97) | -5.42 - 1.44 | -0.09 (1.20) | -6.81 - 2.96 |
| 3 | 0.59 (0.49) | 0.11 - 2.68 | -0.34 (1.67) | -7.09 - 3.34 | -0.17 (0.53) | -2.26 - 0.95 |
| All | 0.66 (0.63) | 0.10 - 3.88 | -0.28 (1.24) | -7.09 - 3.34 | -0.11 (0.94) | -6.81 - 2.96 |

^a Measured with respect to average of 150 random values

^b Measured with respect to corresponding non-random value