

Supplementary Table 5. Segment-wise cortical clearance (safety margin) by sex across 12 absolute segments

| Segment | Male | Female | P-value | P_FDR |
|---------|-----------|-----------|---------|--------|
| 1 | 1.51±1.35 | 2.55±2.11 | 0.010 | 0.024 |
| 2 | 1.35±1.14 | 1.52±1.13 | 0.499 | 0.599 |
| 3 | 1.43±0.92 | 1.38±1.02 | 0.832 | 0.832 |
| 4 | 0.80±0.99 | 1.09±0.89 | 0.174 | 0.279 |
| 5 | 1.61±1.31 | 1.50±1.63 | 0.729 | 0.795 |
| 6 | 3.94±2.19 | 2.23±1.57 | <0.001 | <0.001 |
| 7 | 3.90±2.33 | 2.44±1.62 | 0.001 | 0.004 |
| 8 | 3.30±1.92 | 1.83±1.41 | <0.001 | <0.001 |
| 9 | 1.71±1.27 | 1.37±1.04 | 0.186 | 0.279 |
| 10 | 1.48±2.21 | 0.84±1.14 | 0.101 | 0.203 |
| 11 | 6.49±4.79 | 2.88±3.10 | <0.001 | 0.001 |
| 12 | 9.67±4.81 | 7.59±2.54 | 0.332 | 0.443 |

Values are presented as mean±SD (mm). P-values are from two-sided independent-samples t-tests at each segment. P_FDR indicates false discovery rate-adjusted P-values across segment-wise comparisons.

FDR, false discovery rate; SD, standard deviation.