

Supplementary Table 2. The proportion of subjects by the number of region of interests (ROIs) which volume is the lowest 5 percentile or for each group

| Number of ROIs (<5%) | CU | MCI | Dementia |
|-------------------------|--------|--------|----------|
| 0 | 63.92* | 34.36 | 9.26 |
| 1 | 15.46* | 15.43 | 10.32 |
| 2 | 10.31 | 17.39* | 14.81 |
| 3 | 3.47 | 10.40 | 12.17* |
| 4 | 2.68 | 8.10 | 14.29* |
| 5 | 1.78 | 5.20 | 9.52* |
| 6 | 1.19 | 4.60 | 9.52* |
| 7 | 0.99 | 2.13 | 7.41* |
| 8 | 0.10 | 1.53 | 8.20* |
| 9 | 0.0 | 0.0 | 0.0 |
| 10 | 0.10 | 0.09 | 2.65* |
| 11 | 0.0 | 0.0 | 0.0 |
| 12 | 0.0 | 0.0 | 0.0 |

*the highest proportion for each number of ROIs among three groups. CU, cognitively unimpaired; MCI, mild cognitive impairment