**Supplemental Table 4. Global cortical and regional SUVr in APOE4 non-carriers and carriers at 6 weeks postoperatively**

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| --- | --- | --- | --- | --- | --- |
| **Brain Region** | **APOE Carrier SUVr**  **(n = 8)** | **APOE Non-Carrier SUVr**  **(n = 29)** | ***P* Value** | **FDR** | **Mean Difference [95% CI]** |
| Global cortical | 1.06 [0.94-1.24] | 0.98 [0.92-1.04] | 0.190 | 0.463 | -0.12 [-0.32-0.07] |
| Posterior cingulate | 1.01 [0.90-1.35] | 0.97 [0.86-1.03] | 0.158\* | 0.463 | -0.16 [-0.40-0.08] |
| Precuneus | 1.17 [0.98-1.36] | 1.09 [1.01-1.15] | 0.245 | 0.463 | -0.14 [-0.40-0.12] |
| Frontal medial orbital | 0.97 [0.87-1.07] | 0.90 [0.85-0.92] | 0.090\* | 0.463 | -0.11 [-0.23-0.02] |
| Parietal | 1.00 [0.83-1.10] | 0.90 [0.80-1.03] | 0.216 | 0.463 | -0.08 [-0.22-0.05] |
| Temporal | 1.13 [1.05-1.34] | 1.04 [1.00-1.12] | 0.109 | 0.463 | -0.10 [-0.29-0.08] |
| Anterior cingulate | 1.09 [0.95-1.31] | 0.99 [0.94-1.09] | 0.153\* | 0.463 | -0.15 [-0.37-0.07] |
| Hippocampus | 1.06 [1.01-1.12] | 1.06 [1.00-1.10] | 0.593 | 0.647 | -0.04 [-0.12-0.03] |
| Centrum | 1.67 [1.59-1.91] | 1.64 [1.57-1.71] | 0.476\* | 0.463 | -0.06 [-0.23-0.12] |
| Occipital | 1.06 [0.92-1.09] | 0.95 [0.85-1.03] | 0.276 | 0.463 | -0.03 [-0.16-0.11] |
| Putamen | 1.19 [1.12-1.35] | 1.19 [1.14-1.27] | 0.522\* | 0.927 | -0.05 [-0.22-0.12] |
| Caudate | 0.91 [0.85-1.00] | 0.85 [0.75-0.96] | 0.317\* | 0.463 | -0.07 [-0.21-0.07] |

SUVr values presented as median [IQR]. APOE, apolipoprotein E; SUVr, standard uptake value relative to cerebellum; IQR, interquartile range; FDR, false discovery rate; CI, confidence interval. \*P-value determined by t-test. Otherwise, P-value determined by Wilcoxon rank sum test.