

**Suppl. Table 1. Partial Non-parametric correlations for plasma amyloid beta peptides and FBP separated by specific brain regions.**

|                   |                         | A $\beta$ 38  | A $\beta$ 40  | A $\beta$ 42  | A $\beta$ 42/A $\beta$ 40 | A $\beta$ 42/A $\beta$ 38 |
|-------------------|-------------------------|---------------|---------------|---------------|---------------------------|---------------------------|
| FBP mean          | Correlation Coefficient | <b>-0.305</b> | <b>-0.288</b> | <b>-0.353</b> | <b>-0.296</b>             | 0.267                     |
|                   | P-value                 | <b>0.037</b>  | <b>0.026</b>  | <b>0.006</b>  | <b>0.022</b>              | 0.07                      |
| FBP frontal       | Correlation Coefficient | <b>-0.328</b> | <b>-0.29</b>  | <b>-0.346</b> | <b>-0.296</b>             | 0.286                     |
|                   | P-value                 | <b>0.025</b>  | <b>0.025</b>  | <b>0.007</b>  | <b>0.022</b>              | 0.052                     |
| FBP antcingulate  | Correlation Coefficient | <b>-0.306</b> | <b>-0.317</b> | <b>-0.345</b> | <b>-0.272</b>             | 0.256                     |
|                   | P-value                 | <b>0.037</b>  | <b>0.014</b>  | <b>0.007</b>  | <b>0.036</b>              | 0.082                     |
| FBP postcingulate | Correlation Coefficient | -0.279        | <b>-0.256</b> | <b>-0.279</b> | -0.25                     | 0.272                     |
|                   | P-value                 | 0.058         | <b>0.048</b>  | <b>0.031</b>  | 0.054                     | 0.064                     |
| FBP parietal      | Correlation Coefficient | -0.221        | <b>-0.255</b> | <b>-0.305</b> | -0.237                    | 0.194                     |
|                   | P-value                 | 0.136         | <b>0.049</b>  | <b>0.018</b>  | 0.068                     | 0.19                      |
| FBP temporal      | Correlation Coefficient | <b>-0.347</b> | <b>-0.321</b> | <b>-0.411</b> | <b>-0.347</b>             | <b>0.294</b>              |
|                   | P-value                 | <b>0.017</b>  | <b>0.012</b>  | <b>0.001</b>  | <b>0.007</b>              | <b>0.045</b>              |

18F-florbetapir (FBP) standardized uptake value ratio (SUVR). The unadjusted p-values are significant at p<0.05. Bonferroni-adjusted p-values are significant at p<0.0083.