Supplemental Table 1. Interaction between sex and matched-age group on PET signal followed by stratification by matched-age group status (SDUs)

|  |  |  |  |
| --- | --- | --- | --- |
| Outcome variable  Strata | Interaction between sex and matched age group | Association between sex (women are referent) and FTP in Strata\* | |
|  | p-value | (SE) | p-value |
| FTP-PET SUVr | N=202 | | |
| Entorhinal | 0.961 |  |  |
| Age<50 Group (N=54) |  | N/A |  |
| Age>50 Group (N=148) |  | N/A |  |
| Inferior temporal | 0.454 |  |  |
| Age<50 Group (N=54) |  | N/A |  |
| Age>50 Group (N=148) |  | N/A |  |
| Inferior parietal | **0.029** |  |  |
| Age<50 Group (N=54) |  | 0.012 (0.186) | 0.950 |
| Age>50 Group (N=148) |  | **-0.567 (0.143)** | **0.0001** |
| Rostral middle frontal | **0.001** |  |  |
| Age<50 Group (N=54) |  | 0.046 (0.211) | 0.829 |
| Age>50 Group (N=148) |  | **-0.889 (0.154)** | **<0.0001** |
| Lateral occipital | **0.032** |  |  |
| Age<50 Group (N=54) |  | 0.154 (0.198) | 0.441 |
| Age>50 Group (N=148) |  | **-0.430 (0.147)** | **0.004** |
| N/A=Not applicable, stratification only applicable when interaction p-value<0.10. \*  Strata: PET ~ age<50 in matched pre-menopause/post-menopause; p<0.05 is bolded. | | | |