**Supplementary Table 1.** Raw scores and baseline group differences (incident dementia versus no dementia) for all predictor variables.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | No dementia (N) | Incident dementia (N) | No dementia mean (SD) | Incident dementiamean (SD) | p-value | Partial η |
| **Episodic Memory** |  |  |  |  |  |  |
| Word recall  | 353 | 28 | 7.54 (2.15) | 5.29 (1.92) | 0.000 | 0.032 |
| Word recognition  | 353 | 28 | 11.74 (2.64) | 9.93 (3.35) | 0.006 | 0.020 |
| **Semantic Memory** |  |  |  |  |  |  |
| Vocabulary  | 352 | 28 | 24.12 (4.11) | 20.18 (4.46) | 0.005 | 0.021 |
| General knowledge  | 353 | 28 | 7.18 (1.51) | 6.07 (1.59) | 0.003 | 0.023 |
| **Verbal Fluency** |  |  |  |  |  |  |
| Letter fluency  | 354 | 27 | 14.85 (4.55) | 12.59 (3.94) | 0.107 | 0.007 |
| Category fluency  | 353 | 27 | 20.37 (4.78) | 15.26 (4.21) | 0.006 | 0.020 |
| **Perceptual Speed** |  |  |  |  |  |  |
| Digit cancellation  | 352 | 26 | 18.91 (4.11) | 14.96 (2.16) | 0.009 | 0.018 |
| Pattern comparison  | 352 | 26 | 15.44 (3.39) | 11.02 (3.20) | 0.001 | 0.028 |
| Trail-making task A  | 353 | 27 | 1.02 (0.33) | 0.70 (0.29) | 0.008 | 0.019 |
| **Executive Function** |  |  |  |  |  |  |
| Trail-making task B  | 351 | 26 | 0.03 (0.20) | -0.09 (0.14) | 0.119 | 0.007 |
| **Genetic** |  |  |  |  |  |  |
| *APOE* – Any ε4 | 349 | 28 | 0.26 (0.44) | 0.54 (0.51) | 0.000 | 0.035 |
| **MRI** |  |  |  |  |  |  |
| Total tissue volume (ml) | 354 | 28 | 1072.55 (71.36) | 992.44 (64.18) | 0.095 | 0.007 |
| Total grey matter volume (ml) | 354 | 28 | 558.84 (52.68) | 509.82 (41.87) | 0.241 | 0.004 |
| Hippocampal volume (ml) | 346 | 27 | 3.81 (.40) | 3.34 (0.39) | 0.007 | 0.019 |
| Total white matter volume (ml)  | 354 | 28 | 513.69 (44.01) | 482.73 (44.47) | 0.418 | 0.002 |
| White matter hyper-intensity volume (ml) | 342 | 28 | 0.78 (1.28) | 1.94 (1.36) | 0.055 | 0.010 |