**Supplementary Table** Neuropsychological test performance at the time of brain FDG PET and 16 months later.

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| --- | --- | --- |
| **Test domain** | **Specific test** | **Point in time** |
| **PET** | **16 months follow-up** |
| Cognitive screening | Mini-mental state examination | 23 / 30 | 27/30 |
| DemTect psychometric screening tool evaluating cognition (sum score, corrected for age), range 0-18 | 16  | 17 |
| Clock Drawing Test (sum score), range 0-6 | 3 | 1 |
| Clinical dementia rating scale evaluating memory and everyday life: 0-3 (no impairment / questionable impairment / slight impairment / moderate impairment / strong impairment) | 0 | 0 |
| Informant questionnaire on cognitive decline in the elderly, range 0-5 | 3 | 3 |
| Verbal fluency | Consortium to establish a registry for Alzheimer's disease CERAD-plus battery, animals: z-score\* | 0.3 | 1.2 |
| Semantic fluency | CERAD-plus: z-score of S-words evaluating phonematic fluency (sum score) | 2.9 | 2.3 |
| Word finding/ visual perception | CERAD-plus: z-score of Boston naming test with 15 items (sum score) | 0.6 | 0.7 |
| Learning ability | CERAD-plus: z-score of learning word list (sum score) | 0.6 | 0.7 |
| Verbal episodic memory | CERAD-plus: z-score of word list savings (sum score) | -0.5 | 0.4 |
| CERAD-plus: z-score of recall word list (sum score) | 0.1 | 0.2 |
| CERAD-plus: z-score of recognition word list (sum score) | 0.9 | 1.0 |
| CERAD-plus: z-score of wordlist intrusions (sum score) | 0.6 | -0.8 |
| Visio-spatial/ constructional abilities | CERAD-plus: z-score of copy figures (sum score) | -0.6 | -0.5 |
| Non-verbal /figural memory | CERAD-plus: z-score of recall figures (sum score) | 0.9 | 1.0 |
| CERAD-plus: z-score of figures savings (sum score) | 1.4 | 1.6 |
| Processing speed/ attention | CERAD-plus: z-score of time [s] for trail making test A | 0.7 | 0.7 |
| Executive function | CERAD-plus: z-score of time [s] for trail making test B | -0.2 | 1.0 |
| Flexibility / executive function | CERAD-plus: z-score of quotient B/A of the trail making tests | -0.8 | 0.4 |
| Depression | Geriatric depression scale (sum score), range 0-15 | 2 | 2 |
| Montgomery-Asberg depressionrating scale (sum score), range 0- 60  | 4 | - |
| Behavioral symptoms | Behavioural pathology in Alzheimer's disease rating scale evaluating psychopathologic symptoms (sum score), range 0-75 | 0 | - |

\*All z-scores of the CERAD battery are corrected for age, gender and education.