Supplementary Table 1. Correlation between olfactory function (CCSIT score) and neuropsychological performance

| Neuropsychological items         | Correlation coefficient | p value | Q-value |
|----------------------------------|-------------------------|---------|---------|
| Digit span forward               | 0.011                   | 0.876   | 0.876   |
| Digit span backward              | 0.086                   | 0.205   | 0.279   |
| K-BNT                            | 0.258                   | < 0.001 | 0.002   |
| RCFT copy                        | 0.061                   | 0.372   | 0.364   |
| SVLT immediate recall            | 0.147                   | 0.030   | 0.084   |
| SVLT delayed recall              | 0.056                   | 0.407   | 0.436   |
| SVLT recognition                 | 0.178                   | 0.009   | 0.043   |
| RCFT immediate recall            | 0.104                   | 0.125   | 0.208   |
| RCFT delayed recall              | 0.106                   | 0.120   | 0.208   |
| RCFT recognition                 | 0.107                   | 0.114   | 0.208   |
| COWAT semantic                   | 0.144                   | 0.033   | 0.084   |
| COWAT phonemic                   | 0.072                   | 0.291   | 0.364   |
| Stroop color reading             | 0.188                   | 0.005   | 0.041   |
| Total K-MMSE score               | 0.098                   | 0.159   | 0.239   |
| CDR-SOB                          | -0.165                  | 0.015   | 0.056   |

Data are results of partial correlation analysis using age, sex, and interval from PD onset to CCSIT evaluation as covariates. Q-value is a p-value that is adjusted for the false discovery rate. CCSIT: Cross-Cultural Smell Identification Test, CDR-SOB: Clinical Dementia Rating Sum of Boxes, COWAT: Controlled Oral Word Association Test, K-BNT: Korean version of the Boston Naming Test, K-MMSE: Korean version of the Mini-Mental State Examination, RCFT: Rey-Osterrieth Complex Figure Test, SVLT: Seoul Verbal Learning Test.