Supplementary Table S1

Spearman correlations (*rs*) between awareness scores and subtests of the Neuropsychological Test Battery Vienna (NTBV) in total sample and per diagnostic group

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Total** |  | **CG** |  | **SCD** |  | **naMCI** |  | **aMCI** |  | **AD** |  | **PD CH** |  | **PD naMCI** |  | **PD aMCI** |
|  | *rs* | N |  | *rs* | N |  | *rs* | N |  | *rs* | N |  | *rs* | N |  | *rs* | N |  | *rs* | N |  | *rs* | N |  | *rs* | N |
| AKT | -.221\*\*\* | 964 |  | -.153\* | 211 |  | -.013 | 279 |  | -.123 | 181 |  | -.154 | 137 |  | -.013 | 42 |  |  .018 | 28 |  | -.016 | 58 |  |  .176 | 28 |
| Digit-Symbol | -.266\*\*\* | 953 |  | -.222\*\* | 211 |  | -.060 | 279 |  | -.156\* | 176 |  | -.161 | 136 |  | -.175 | 37 |  | -.132 | 28 |  | -.245 | 57 |  |  .080 | 29 |
| Symbols  | -.223\*\*\* | 967 |  | -.200\*\* | 211 |  | -.012 | 280 |  | -.195\*\* | 181 |  | -.174\* | 137 |  | -.003 | 43 |  |  .114 | 28 |  | -.097 | 58 |  |  .175 | 29 |
| TMT B | -.245\*\*\* | 949 |  | -.089 | 211 |  | -.082 | 278 |  | -.114 | 176 |  | -.229\*\* | 134 |  | -.266 | 36 |  | -.022 | 28 |  | -.135 | 57 |  | -.261 | 29 |
| TMT B - A | -.229\*\*\* | 948 |  | -.116 | 211 |  | -.086 | 278 |  | -.122 | 176 |  | -.231\*\* | 134 |  | -.245 | 36 |  |  .074 | 28 |  | -.085 | 57 |  | -.262 | 28 |
| **NTBV Domain****Attention** | **-.280\*\*\*** | **967** |  | **-.173\*** | **211** |  | **-.066** | **280** |  | **-.200\*\*** | **181** |  | **-.199\*** | **137** |  | **-.225** | **43** |  |  **.134** | **28** |  | **-.179** | **58** |  | **-.119** | **29** |
| mBNT | -.119\*\*\* | 966 |  | -.175\* | 211 |  | -.027 | 280 |  | -.090 | 181 |  | -.118 | 137 |  | -.078 | 42 |  |  .018 | 28 |  | -.087 | 58 |  | -.100 | 29 |
| SWT | -.321\*\*\* | 950 |  | -.230\*\* | 211 |  | -.082 | 278 |  | -.251\*\* | 177 |  | -.291\*\* | 134 |  | -.234 | 36 |  | -.282 | 28 |  | -.297\* | 57 |  | -.245 | 29 |
| **NTBV Domain****Language** | **-.280\*\*\*** | **966** |  | **-.245\*\*\*** | **211** |  | **-.079** | **280** |  | **-.204\*\*** | **181** |  | **-.267\*\*** | **137** |  | **-.160** | **42** |  | **-.222** | **28** |  | **-.206** | **58** |  | **-.190** | **29** |
| TMT A | -.174\*\*\* | 967 |  | -.001 | 211 |  |  .025 | 280 |  | -.004 | 181 |  | -.112 | 137 |  | -.176 | 43 |  | -.134 | 28 |  |  .034 | 58 |  | -.060 | 29 |
| 5 Point  | -.210\*\*\* | 947 |  | -.106 | 211 |  | -.039 | 278 |  | -.081 | 175 |  | -.300\*\*\* | 134 |  | -.268 | 36 |  |  .054 | 28 |  | -.096 | 56 |  |  .259 | 29 |
| Stroop | -.252\*\*\* | 930 |  | -.142\* | 211 |  | -.058 | 276 |  | -.202\*\* | 170 |  | -.250\*\* | 129 |  | -.190 | 33 |  |  .230 | 27 |  | -.366\*\* | 55 |  | -.089 | 29 |
| Labyrinth | -.185\*\*\* | 945 |  | -.037 | 211 |  | -.050 | 277 |  | -.197\*\* | 176 |  | -.216\* | 131 |  | -.162 | 39 |  |  .110 | 27 |  | -.002 | 55 |  |  .064 | 29 |
| Interference  | -.198\*\*\* | 953 |  | -.145\* | 211 |  | -.007 | 279 |  | -.044 | 178 |  | -.227\*\* | 134 |  |  .029 | 39 |  |  .027 | 27 |  | -.235 | 56 |  |  .146 | 29 |
| PWT | -.211\*\*\* | 948 |  | -.274\*\*\* | 211 |  | -.081 | 277 |  | -.072 | 176 |  | -.228\*\* | 134 |  |  .296 | 36 |  |  .091 | 28 |  | -.218 | 57 |  | -.074 | 29 |
| **NTBV Domain****Executive Function**  | **-.279**\*\*\* | **967** |  | **-.148**\* | **211** |  | **-.063** | **280** |  | **-.163**\* | **181** |  | **-.270**\*\* | **137** |  | **-.216** | **43** |  |  **.003** | **28** |  | **-.231** | **58** |  |  **.106** | **29** |
| VSRT Immediate R. | -.403\*\*\* | 967 |  | -.427\*\*\* | 211 |  | -.269\*\*\* | 280 |  | -.328\*\*\* | 181 |  | -.119 | 137 |  | -.046 | 43 |  | -.028 | 28 |  | -.426\*\* | 58 |  | -.061 | 29 |
| VSRT Total Recall | -.498\*\*\* | 967 |  | -.526\*\*\* | 211 |  | -.309\*\*\* | 280 |  | -.425\*\*\* | 181 |  | -.314\*\*\* | 137 |  | -.087 | 43 |  | -.373 | 28 |  | -.421\*\* | 58 |  |  .223 | 29 |
| VSRT Delayed Recall | -.600\*\*\* | 967 |  | -.679\*\*\* | 211 |  | -.486\*\*\* | 280 |  | -.554\*\*\* | 181 |  | -.565\*\*\* | 137 |  | -.563\*\*\* | 43 |  | -.402\* | 28 |  | -.508\*\*\* | 58 |  | -.328 | 29 |
| VSRT Recognition | -.332\*\*\* | 967 |  | -.199\*\* | 211 |  | -.234\*\*\* | 280 |  | -.221\*\* | 181 |  | -.254\*\* | 137 |  | -.374\* | 43 |  | -.337 | 28 |  | -.266\* | 58 |  | -.117 | 29 |
| **NTBV Domain****Memory** | **-.544**\*\*\* | **967** |  | **-.585**\*\*\* | **211** |  | **-.389**\*\*\* | **280** |  | **-.493**\*\*\* | **181** |  | **-.384**\*\*\* | **137** |  | **-.310**\* | **43** |  | **-.365** | **28** |  | **-.503**\*\*\* | **58** |  |  **.038** | **29** |

AKT – Alters-Konzentrations-Test1; Digit-Symbol – digit-symbol subtest of the German Wechsler Adult Intelligence Scale–Revised2; Symbols – symbol counting task from the cerebral insufficiency test3; TMT B – Trail Making Test B4; TMT B - A – score difference of the Trail Making Test A and TMT B4; mBNT – modified Boston Naming Test5; SWT – Semantic Verbal Fluency (naming as many animals, supermarket items, and tools as possible within 1 minute for each task); TMT A – Trail Making Test A4, 5 Point – Five-Point Test6, Stroop – Stroop test from the Nürnberger Alters Inventar test battery7; maze – maze test from the Nürnberger Alters Inventar test battery7; interference – interference test from the cerebral insufficiency test3; PWT – Phonematic Verbal Fluency (naming as many words beginning with the letters b, f, and l as possible within 1 minute for each task); VSRT Immediate R. – Verbal Selective Reminding Test Immediate Recall8

\* *p* < .05. \*\* *p* < .01. \*\*\* *p* < .001. (uncorrected *p*)

**Correlates of awareness**

The strongest associations were found between awareness scores and measures of the domain memory. However, depending on the diagnostic group, considerable variations in the magnitudes of correlation coefficients can be observed.

**References**

1 Gatterer G. Alters-Konzentrations-Test (AKT). 2., neu normierte Auflage. Göttingen, Germany: Hogrefe; 2008.

2 Tewes U. Hamburg-Wechsler-Intelligenztest für Erwachsene–Revision 1991 (HAWIE-R). Bern, Switzerland: Verlag Hans Huber; 1994.

3 Lehrl S, Fischer B. Kurztest für cerebale Insuffizienz (c.I.-Test). Ebersberg, Germany: Vless; 1997.

4 Reitan R. Trail Making Test (TMT). Tucson, AZ: Reitan Neuropsychology Laboratory; 1979.

5 Morris JC, Heyman A, Mohs RC, et al. The Consortium to Establish a Registry for Alzheimer‘s Disease (CERAD). Part I: clinical and neuropsychological assessment of Alzheimer‘s disease. Neurology 1989;39:1159-65.

6 Regard M, Strauss E, Knapp P. Children‘s production on verbal and non-verbal fluency tasks. Percept Mot Skills 1982;55:839-44.

7 Oswald WD, Fleischmann UM. Das Nürnberger-Alters-Inventar. Göttingen, Germany: Hogrefe Verlag; 1997.

8 Lehrner J, Gleiß A, Maly J, Auff E, Dal-Bianco P. Der verbale Selektive Reminding Test (VSRT). Ein Verfahren zur **Ü**berprüfung verbaler Gedächtnisfunktionen. Neuropsychiatr 2006;20:204-214.