|  |  |
| --- | --- |
| **MANOVA** | **ANOVA** |
| group  | cognition | group\*cognition |  | group | cognition | group\*cognition |
| p-valueF-value(df=3)partial η2 | p-valueF-value(df=3)partial η2 | p-valueF-value(df=3)partial η2 |  | p-valueF-value(df=3)partial η2 | p-valueF-value(df=3)partial η2 | p-valueF-value(df=3)partial η2 |
|  |  |  |  |  |  |  |
| 0.8460.2710.012 | 0.0233.4100.136 | 0.8560.2570.012 | **SDMT** | 0.5750.3180.005 | 0.5590.3440.005 | 0.7220.1280.002 |
|  |  |  | **VLMT (Total score trial 1-5)** | 0.6230.2430.004 | 0.0185.9040.081 | 0.9960.0000.000 |
|  |  |  | **BVMT-R** | 0.6930.1570.002 | 0.0454.1570.058 | 0.4710.5250.008 |
|  |  |  |  |  |  |  |

Supplement 1: MANOVA results of the subgroup analysis (impaired cognition vs. intact cognition) adjusted for fatigue and sex.

SDMT: Symbol Digit Modalities Test; VLMT: Verbal Learning Memory Test; BVMT-R: Brief Visuospatial Memory Test-Revised