*Supplementary Table S2. Comparison of cognitive task performance between clusters*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Variablea | Relatively intact (*N*=37) | Moderately impaired (*N*=41) | Severely impaired (*N*=27) | *F* | *p* | Contrasts |
|  | M (*SD*) |  |  |  |
| *Speed of Processing* |  |  |  |  |  |  |
| TMT-A | .67 (*.71*) | -.14 (*.84*) | -.70 (*1.02*) | 21.42 | **<.001** | Intact>moderate>severe |
| BACS SC | .68 (*.98*) | .01 (.*66*) | -.95 (.*63*) | 34.13 | **<.001** | Intact>moderate>severe |
| FLUENCY | .72 (*.97*) | .01 (.*85*) | -.54 (.*80*) | 21.46 | **<.001** | Intact>moderate=severe |
| *Attention* |  |  |  |  |  |  |
| CPT-IP | .61 (*.83*) | .15 (.*82*) | -1.07 (.*49*) | 40.01 | **<.001** | Intact>moderate>severe |
| 3-7 CPT | .28 (*.98*) | .30 (.*64*) | -.84 (*1.02*) | 16.81 | **<.001** | Intact=moderate>severe |
| *Working Memory* |  |  |  |  |  |  |
| BACS DS | .88 (*.59*) | .02 (.*62*) | -1.24 (*.48*) | 104.64 | **<.001** | Intact>moderate>severe |
| WMS-III SS | .80 (*.67*) | -.07 (.*74*) | -.98 (.*78*) | 46.73 | **<.001** | Intact>moderate>severe |
| LNS | .85 (.*54*) | .03 (.*74*) | -1.20 (.*50*) | 85.72 | **<.001** | Intact>moderate>severe |
| *Verbal Learning* |  |  |  |  |  |  |
| HVLT-R | .68 (*.71*) | .01 (.*85*) | -.95 (*.77*) | 33.99 | **<.001** | Intact>moderate>severe |
| NAB DLM | .85 (.*59*) | -.09 (.*65*) | -1.02 (*.87*) | 57.35 | **<.001** | Intact>moderate>severe |
| *Visual Learning* |  |  |  |  |  |  |
| BVMT-R | .80 (.*75*) | -.12 (.*76*) | -.91 (.*73*) | 42.14 | **<.001** | Intact>moderate>severe |
| NAB SL | .79 (*.71*) | -.14 (.*77*) | -.87 (.*82*) | 38.32 | **<.001** | Intact>moderate>severe |
| *Reasoning & Problem Solving* |  |  |  |  |  |  |
| NAB Mazes | .56 (*.63*) | -.26 (.*93*) | -.38 (*1.19*) | 11.02 | **<.001** | Intact>moderate=severe |
| WAIS-III BD | .82 (*.70*) | -.22 (.*73*) | -.79 (.*90*) | 37.28 | **<.001** | Intact>moderate>severe |
| *Social Cognition* |  |  |  |  |  |  |
| MSCEIT ME | .75 (.*88*) | -.17 (.*83*) | -.77 (*.63*) | 29.18 | **<.001** | Intact>moderate>severe |
| MSCEIT PE | .44 (.*77*) | .03 (.*95*) | -.64 (*1.05*) | 10.79 | **<.001** | Intact=moderate>severe |
| MCCB Overall Composite T Scoreb | 43.97 (7.55) | 28.85 (5.96) | 13.17 (6.16) | 157.72 | **<.001** | Intact>moderate>severe |

BACS=Brief Assessment of Cognition in Schizophrenia; CPT=Continuous Performance Test; WMS=Wechsler Memory Scale; NAB=Neuropsychological Assessment Battery; WAIS=Wechsler Adult Intelligence Scale; MSCEIT=Mayer-Salovey-Caruso Emotional Intelligence Test. aall scores are z-scores except the MATRICS Consensus Cognitive Battery Overall Composite T Score (10 tests; Nuechterlein et al, 2008). bRelatively intact *N*=36; Moderately impaired *N*=39; Severely impaired *N*=24.Mean healthy community sample performance score is 50 (standard deviation=10).