|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Supplementary Table 1: Multivariate regression of MoCA's total score showing significant predictors | | | | | | |
| Predictor | Coefficient | Standard Error | t | df | F | p Value\* |
| Employment | -21.8 | 5.96 | -3.66 | 1 | 13.38 | 0.000 |
| Ethnicity | -23.1 | 7.89 | -2.93 | 1 | 8.59 | 0.004 |
| CPE Score | -2.85 | 1.67 | -2.67 | 1 | 7.13 | 0.009 |
| Adjusted r2 =0.268 |  |  |  |  |  |  |
|  | |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | | Supplementary Table 2: Evaluation on MoCA’s total score and subtest between sHAND and nonHAND | | | | | | | | | | |
|  |  | sHAND | | |  | NonHAND | | |  |
| Cognitive Domains | Max Score | Median | Mean | Std. Deviation |  | Median | Mean | Std. Deviation | p Value |
| MoCA Overall Score | 30 | 23 | 22.83 | 3.51 |  | 26 | 25.21 | 2.64 | 0.001 |
| Visuospatial/Executive | 5 | 5 | 4.13 | 1.23 |  | 5 | 4.49 | 0.86 | 0.258 |
| Naming | 3 | 3 | 2.63 | 0.58 |  | 3 | 2.91 | 0.32 | 0.001 |
| Attention: Forward Number Repeat | 1 | 1 | 0.833 | 0.381 |  | 1 | 0.88 | 0.35 | 0.564 |
| Attention: Backward Number Repeat | 1 | 1 | 0.92 | 0.28 |  | 1 | 0.93 | 0.26 | 0.812 |
| Attention: Tap at A | 1 | 1 | 0.96 | 0.2 |  | 1 | 0.76 | 0.43 | 0.032 |
| Attention: Serial Subtraction | 3 | 2 | 1.92 | 0.97 |  | 3 | 2.41 | 0.86 | 0.015 |
| Language Repeat | 2 | 2 | 1.46 | 0.66 |  | 1 | 1.31 | 0.72 | 0.364 |
| Language Fluency (greater or equal to 12 words) | 1 | 0.5 | 0.5 | 0.511 |  | 1 | 0.72 | 0.47 | 0.044 |
| Abstraction | 2 | 2 | 1.71 | 0.55 |  | 2 | 1.74 | 0.5 | 0.801 |
| Delayed Recall | 5 | 1 | 1.63 | 1.44 |  | 3 | 2.87 | 1.52 | 0.001 |
| Orientation | 6 | 6 | 5.63 | 0.65 |  | 6 | 5.91 | 0.29 | 0.006 |
| \*Mann Whitney *U* test | | | | | | | | | |