**ELECTRONIC SUPPLEMENTARY FILE (ESF)**

Use of the Montreal Cognitive Assessment Thai version (MoCA) to discriminate amnestic mild cognitive impairment from Alzheimer’s disease and healthy controls: machine learning results.

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**ESF Table 1.** The raw Montreal Cognitive Assessment (MOCA) subdomain scores in normal controls (HC), amnestic mild cognitive impairment (aMCI) and Alzheimer’s disease (AD).

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables** | **Healthy Controls**  | **aMCI**  | **AD**  |
| **VSS** | 3.43 (0.83)  | 2.80 (1.09)  | 1.15 (1.00)  |
| 1-4 | 0-4 | 0-4 |
| **Language** | 4.92 (1.32) | 4.13 (1.17) | 2.32 (1.23) |
| 1-10 | 0-6 | 0-6 |
| **ACWM** | 5.53 (0.85) | 4.87 (1.21) | 3.23 (1.86) |
| 2-6 | 2-6 | 0-6 |
| **Executive Function** | 2.06 (1.05) | 1.49 (1.02) | 0.39 (0.78) |
| 0-3 | 0-3 | 0-3 |
| **Orientation** | 5.91 (0.33)  | 5.57 (0.71)  | 3.03 (1.61) |
| 4-6 | 3-6 | 0-6 |
| **Recall**  | 2.98 (1.72) | 1.48 (1.42) | 0.25 (0.56) |
| 0-5 | 0-5 | 0-2 |
| **Sum MOCA** | 25.15 (3.0) | 20.90 (3.9) | 11.11 (4.6) |
| 17-30 | 13-28 | 2-21 |

Shown are raw mean values (SD) and range (minimum-maximum).

VSS: visual spatial skills, ACWM: attention, concentration and working memory.