Table B. Results of the Regression analyses on the global executive index and the relative subscales, controlling for frequency status.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Global executive index (N = 103) | | | | |  | Phonemic fluency (N = 93) | | | | |  | TMT B (N = 84) | | | | |  | FAB (N = 91) | | | | |
|  |  | Model 1 | |  | Model 2 | |  | Model 1 | |  | Model 2 | |  | Model 1 | |  | Model 2 | |  | Model 1 | |  | Model 2 | |
|  |  | Χ2 | Ω2 |  | Χ2 | Ω2 |  | Χ2 | Ω2 |  | Χ2 | Ω2 |  | Χ2 | Ω2 |  | Χ2 | Ω2 |  | Χ2 | Ω2 |  | Χ2 | Ω2 |
| Illness duration |  | 1.06 | 0.01 |  | 0.80 | 0.01 |  | 5.72\* | 0.07 |  | 6.00\* | 0.02 |  | 0.65 | -0.01 |  | 0.63 | -0.01 |  | 0.07 | -0.02 |  | 0.32 | -0.01 |
| Seizure status |  | 1.79 | 0.01 |  | 1.36 | 0.01 |  | 1.28 | 0.00 |  | 1.31 | 0.00 |  | 0.09 | -0.01 |  | 0.14 | -0.01 |  | 4.03\* | 0.02 |  | 3.21 | 0.01 |
| Medication |  | 0.39 | 0.01 |  | 0.33 | 0.00 |  | 7.50\* | 0.03 |  | 6.79\* | 0.02 |  | 1.68 | -0.00 |  | 1.81 | -0.00 |  | 0.17 | -0.01 |  | 0.62 | -0.01 |
| Epilepsy category |  | 5.63† | 0.05 |  | 4.69 | 0.04 |  | 6.25\* | 0.05 |  | 6.40\* | 0.04 |  | 0.40 | -0.02 |  | 0.39 | -0.02 |  | 0.46 | -0.02 |  | 0.20 | -0.02 |
| Duration\*Type |  |  |  |  | 1.92 | 0.01 |  |  |  |  | 0.64 | -0.01 |  |  |  |  | 0.71 | -0.02 |  |  |  |  | 6.74\* | 0.07 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Df |  | 10 |  |  | 12 |  |  | 11 |  |  | 13 |  |  | 11 |  |  | 13 |  |  | 11 |  |  | 13 |  |
| LogLik. |  | -140.32 |  |  | -139.33 |  |  | -264.49 |  |  | -264.09 |  |  | -287.43 |  |  | -287.04 |  |  | -316.63 |  |  | -316.37 |  |
| Con. R2 |  | 0.04 |  |  | 0.06 |  |  | 0.10 |  |  | 0.10 |  |  | 0.02 |  |  | 0.02 |  |  | 0.03 |  |  | 0.06 |  |
| Marginal R2 |  | 0.78 |  |  | 0.76 |  |  | 0.46 |  |  | 0.45 |  |  | 0.39 |  |  | 0.40 |  |  | 0.32 |  |  | 0.32 |  |
| AIC |  | 300.65 |  |  | 302.66 |  |  | 550.98 |  |  | 597.25 |  |  | 596.87 |  |  | 600.08 |  |  | 696.85 |  |  | 700.81 |  |
| Model comp |  | X2(2) = 1.99, *p* = 0.37 | | | | |  | X2(2) = 0.86, *p* = 0.67 | | | | |  | X2(2) = 0.78, *p* = 0.68 | | | | |  | X2(2) = 6.52, *p* = 0.04 | | | | |

† *p* = .060; \* *p* < .05; \*\* *p* < .01; \*\*\* *p* < .001;