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Bunce et al. Supplementary Table: Estimates of intercepts and residuals for the intercept and slope terms

|                  | Intercepts |       |                  |          |       |                  | Residuals |        |                  |          |        |              |
|------------------|------------|-------|------------------|----------|-------|------------------|-----------|--------|------------------|----------|--------|--------------|
|                  | Intercept  |       |                  | Slope    |       |                  | Intercept |        |                  | Slope    |        |              |
|                  | Estimate   | SE    | p                | Estimate | SE    | p                | Estimate  | SE     | p                | Estimate | SE     | p            |
| SLMT             | 131.24     | 5.11  | <b>&lt;0.001</b> | 11.22    | 3.07  | <b>&lt;0.001</b> | 56.26     | 4.50   | <b>&lt;0.001</b> | 2.76     | 0.98   | <b>0.005</b> |
| MMSE             | 126.05     | 5.46  | <b>&lt;0.001</b> | 21.93    | 4.41  | <b>&lt;0.001</b> | 69.07     | 7.33   | <b>&lt;0.001</b> | 9.86     | 2.96   | <b>0.001</b> |
| Word recognition | 124.93     | 5.38  | <b>&lt;0.001</b> | 13.93    | 4.93  | <b>0.005</b>     | 51.41     | 6.65   | <b>&lt;0.001</b> | 11.10    | 2.94   | <b>0.000</b> |
| Face recognition | 130.63     | 5.57  | <b>&lt;0.001</b> | 3.88     | 5.16  | 0.452            | 27.18     | 9.77   | <b>0.005</b>     | 3.88     | 3.48   | 0.265        |
| Episodic memory  | 114.64     | 5.19  | <b>&lt;0.001</b> | 3.65     | 3.78  | 0.335            | 26.66     | 3.52   | <b>&lt;0.001</b> | 0.00     | --     | --           |
| Verbal fluency   | 129.99     | 5.38  | <b>&lt;0.001</b> | 0.90     | 4.05  | 0.824            | 59.95     | 5.78   | <b>&lt;0.001</b> | 5.94     | 2.19   | <b>0.007</b> |
| Mean simple RT   | -4.69      | 53.74 | 0.930            | -62.64   | 33.98 | 0.065            | 4408.40   | 366.63 | <b>&lt;0.001</b> | 0.00     | --     | --           |
| Mean choice RT   | 0.64       | 52.28 | 0.990            | -97.47   | 40.11 | <b>0.015</b>     | 4795.08   | 630.95 | <b>&lt;0.001</b> | 511.33   | 210.04 | <b>0.015</b> |
| Simple RT ISD    | -3.64      | 1.65  | <b>0.027</b>     | -1.09    | 1.38  | 0.430            | 2.24      | 0.64   | <b>&lt;0.001</b> | 0.26     | 0.26   | 0.310        |
| Choice RT ISD    | -4.25      | 1.32  | <b>0.001</b>     | -1.65    | 1.12  | 0.141            | 2.03      | 0.24   | <b>&lt;0.001</b> | 0.00     | --     | --           |

Notes. Slope residuals constrained to zero for episodic memory, mean simple RT and choice RT ISD due to negative variance estimates in initial models, related to parameterization of the models. Cognition variables (but not RT variables) were scaled to M=100, SD=10, to facilitate comparisons between cognitive domains. SLMT = Symbol-Letters Modalities Test; MMSE = Mini Mental State Examination; ISD = Intraindividual Standard Deviation