Supplemental S3

Table 1: Correlation Matrix Between Predictor Variables

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Age | PPVT Standardized Score | Maternal Education | Number of Training Sessions Correct |
| Age | 1 | -0.02 | -0.17 | 0.04 |
| PPVT Standardized Score |  | 1 | 0.11 | 0.19 |
| Maternal Education |  |  | 1 | 0.06 |
| Number of Training Sessions Correct |  |  |  | 1 |

Table 2: Final model results for log-odds of correct response at one-month delay.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| variable | estimate | standard error | z value | Pr(>|z|) |
| intercept | -2.23 | 0.32 | -7.01 | <.0001 |
| number of training  sessions correct | 1.26 | 0.17 | 7.19 | <.0001 |
| biological sexa | 0.56 | 0.47 | 1.20 | 0.23 |
| age (in months) | 0.05 | 0.03 | 1.71 | 0.09 |
| PPVT  (standard score) | -0.01 | 0.02 | -0.82 | 0.41 |
| maternal education | 0.09 | 0.13 | 0.68 | 0.50 |
| retest condition, contrast 1b | 0.47 | 0.37 | 1.26 | 0.21 |
| retest condition, contrast 2c | 0.002 | 0.21 | 0.01 | 0.99 |
| retest condition (contrast 1) X number of sessions correct | 0.03 | 0.20 | 0.16 | 0.87 |
| retest condition (contrast 2) X number of sessions correct | 0.05 | 0.11 | 0 .41 | 0.69 |

afemale was coded as -.5. male was coded as .5. bretest at 1 week was coded as -1, retest at 2 weeks was coded as 1, and no retest was coded as 0. cretest at 1 week was coded as -1, retest at 2 weeks was coded as -1, and no retest was coded as 2.

Table 3: Final model results for log-odds of correct response at one-month delay. For this model, we removed maternal education, which was somewhat but weakly correlated with age (r = -0.17), and PPVT, which was somewhat but weakly correlated with number of training sessions correct (r = 0.19).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| variable | estimate | standard error | z value | Pr(>|z|) |
| intercept | -2.22 | 0.32 | -6.88 | <.0001 |
| number of training  sessions correct | 1.24 | 0.17 | 7.11 | <.0001 |
| biological sexa | 0.48 | 0.45 | 1.06 | 0.29 |
| age (in months) | 0.04 | 0.03 | 1.61 | 1.11 |
| retest condition, contrast 1b | 0.45 | 0.37 | 1.21 | 0.23 |
| retest condition, contrast 2c | 0.01 | 0.21 | 0.05 | 0.96 |
| retest condition (contrast 1) X number of sessions correct | 0.02 | 0.20 | 0.12 | 0.90 |
| retest condition (contrast 2) X number of sessions correct | 0.04 | 0.11 | 0 .39 | 0.70 |

afemale was coded as -.5. male was coded as .5. bretest at 1 week was coded as -1, retest at 2 weeks was coded as 1, and no retest was coded as 0. cretest at 1 week was coded as -1, retest at 2 weeks was coded as -1, and no retest was coded as 2.

Table 4: Pairwise comparisons between the number of sessions correct during training and performance at the one-month delay. We conducted pairwise t-tests to assess differences in one-month performance based on the number of sessions correct during training.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 0 Sessions | 1 Session | 2 Sessions | 3 Sessions | 4 Sessions | 5 Sessions |
| 0 Sessions |  | *t* (33.03)=  -2.09,  *p* = 0.04\* | *t* (23.01) =  -5.24,  *p* < 0.001\*\*\* | *t* (38.75) =  -8.34,  *p* < 0.001\*\*\* | *t* (21.77) =  -12.27,  *p* < 0.001\*\*\* | *t* (17.42) =  -10.85,  *p* < 0.001\*\*\* |
| 1 Session |  |  | *t* (42.05) =  -2.79,  *p* = 0.008\*\* | *t* (55.17) =  -4.22,  *p* < 0.001\*\*\* | *t* (41.95) =  -6.09,  *p* < 0.001\*\*\* | *t* (38.92) =  -5.71,  *p* < 0.001\*\*\* |
| 2 Sessions |  |  |  | *t* (39.28) =  -0.83,  *p* = 0.41 | *t* (31.37) =  -2.21,  *p* = 0.03\* | *t* (32.15) =  -2.06,  *p* = 0.05 |
| 3 Sessions |  |  |  |  | *t* (44.08) =  -1.66,  *p* = 0.11 | *t* (38.11) =  -1.48,  *p* = 0.15 |
| 4 Sessions |  |  |  |  |  | *t* (26.87) =  0.09,  *p* = 0.93 |
| 5 Sessions |  |  |  |  |  |  |

\*< .05, \*\*<.01, \*\*\*<.003. If we correct for multiple comparison with the Bonferroni adjustment, a *p*-value of *p* < .003 would indicate a significant difference.