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.