**Appendix**

**Table A1**

Correlations between CBM-R Predictors (CORE and Traditional) and Continuous Outcomes (Spring CBM Comprehension and SBAC ELA/L) by Grade

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Distal (Fall) | |  | Proximal (Spring | |
| Grade | CORE | Traditional |  | CORE | Traditional |
| CBM Comprehension |  |  |  |  |  |
| Grade 2 | .35 | .38 |  | .40 | .39 |
| Grade 3 | .46 | .35 |  | .44 | .36 |
| Grade 4 | .62 | .52 |  | .58 | .58 |
| SBAC ELA/L Score |  |  |  |  |  |
| Grade 3 | .62 | .59 |  | .60 | .50 |
| Grade 4 | .59 | .55 |  | .58 | .54 |

**Table A2**

Latent Growth Model Parameter Estimates by Grade

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | CORE | | |  | Traditional | | |
| Parameter Names | Parameter | *SE* | *z*-value |  | Parameter | *SE* | *z*-value |
| Grade 2 |  |  |  |  |  |  |  |
| Mean Intercept | 63.75 | 1.39 | 45.86 |  | 74.79 | 1.31 | 56.89 |
| Mean Slope | 3.59 | 0.13 | 27.40 |  | 4.30 | 0.21 | 20.55 |
| Variance Intercept | 1070.46 | 56.82 | 18.84 |  | 694.73 | 54.94 | 12.65 |
| Variance Slope | 3.04 | 1.03 | 2.95 |  | 5.25 | 2.06 | 2.55 |
| Correlation Intercept-Slope | -0.35 | – | – |  | 0.05 | – | – |
| Residual Variance Wave 1 | 108.15 | 21.60 | 5.01 |  | 174.89 | 39.26 | 4.46 |
| Residual Variance Wave 2 | 123.28 | 30.80 | 4.00 |  | 170.13 | 21.54 | 7.90 |
| Residual Variance Wave 3 | 188.05 | 33.71 | 5.58 |  | 383.15 | 108.25 | 3.54 |
| Residual Variance Wave 4 | 166.29 | 43.15 | 3.85 |  | 164.71 | 56.55 | 2.91 |
| Grade 3 |  |  |  |  |  |  |  |
| Mean Intercept | 86.86 | 1.27 | 68.56 |  | 98.34 | 1.25 | 78.41 |
| Mean Slope | 2.00 | 0.11 | 17.69 |  | 2.33 | 0.15 | 15.06 |
| Variance Intercept | 1154.59 | 61.11 | 18.89 |  | 861.74 | 72.83 | 11.83 |
| Variance Slope | 2.96 | 1.20 | 2.46 |  | 0.87 | 2.57 | 0.34 |
| Correlation Intercept-Slope | -0.51 | – | – |  | 0.25 | – | – |
| Residual Variance Wave 1 | 86.29 | 17.68 | 4.88 |  | 211.07 | 57.28 | 3.68 |
| Residual Variance Wave 2 | 170.98 | 22.35 | 7.65 |  | 345.25 | 88.15 | 3.92 |
| Residual Variance Wave 3 | 175.85 | 25.57 | 6.88 |  | 325.07 | 42.81 | 7.59 |
| Residual Variance Wave 4 | 173.13 | 35.41 | 4.89 |  | 245.04 | 75.52 | 3.24 |
| Grade 4 |  |  |  |  |  |  |  |
| Mean Intercept | 109.71 | 1.30 | 84.62 |  | – | – | – |
| Mean Slope | 1.67 | 0.11 | 15.06 |  | – | – | – |
| Variance Intercept | 1125.18 | 63.04 | 17.85 |  | – | – | – |
| Variance Slope | 0.74 | 1.15 | 0.64 |  | – | – | – |
| Correlation Intercept-Slope | -0.44 | – | – |  | – | – | – |
| Residual Variance Wave 1 | 103.88 | 20.96 | 4.96 |  | – | – | – |
| Residual Variance Wave 2 | 167.61 | 33.84 | 4.95 |  | – | – | – |
| Residual Variance Wave 3 | 149.52 | 21.61 | 6.92 |  | – | – | – |
| Residual Variance Wave 4 | 207.36 | 46.01 | 4.51 |  | – | – | – |