**Table S1.**

Model examining change in proportion of phonological foil choice for target words

Regression model:

Proportion of phonological errors ~ Book + Session + (1 | ID)

*Fixed effects*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Estimate** | ***SE*** | ***df*** | ***t*** | ***p*** |
| Intercept | 0.42 | 0.01 | 950.11 | 29.25 | 0.000 |
| Book | 0.01 | 0.01 | 893.04 | 2.49 | 0.013 |
| Session (post vs. pre) | -0.08 | 0.01 | 859.39 | -7.47 | 0.000 |

**Table S2.**

Model examining change in proportion of thematic foil choice for target words

Regression model:

Proportion of thematic errors ~ Book + Session + (1 | ID)

*Fixed effects*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Estimate** | ***SE*** | ***df*** | ***t*** | ***p*** |
| Intercept | 0.34 | 0.01 | 944.52 | 25.92 | 0.000 |
| Book | -0.04 | 0.00 | 893.72 | -8.80 | 0.000 |
| Session (post vs. pre) | 0.03 | 0.01 | 860.84 | 2.94 | 0.003 |

**Table S3.**

Model examining change in proportion of conceptual foil choice for target words

Regression model:

Proportion of conceptual errors ~ Book + Session + (1 | ID)

*Fixed effects*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Estimate** | ***SE*** | ***df*** | ***t*** | ***p*** |
| Intercept | 0.25 | 0.01 | 960.88 | 18.03 | 0.000 |
| Book | 0.03 | 0.01 | 895.23 | 5.70 | 0.000 |
| Session (post vs. pre) | 0.05 | 0.01 | 861.20 | 5.08 | 0.000 |

**Table S4.**

Model examining change in proportion of phonological foil choice for control words

Regression model:

Proportion of phonological errors ~ Book + Session + (1 | ID)

*Fixed effects*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Estimate** | ***SE*** | ***df*** | ***t*** | ***p*** |
| Intercept | 0.36 | .02 | 940.21 | 15.77 | .000 |
| Book | 0.03 | 0.01 | 894.05 | 3.98 | .000 |
| Session (post vs. pre) | -0.01 | 0.02 | 861.24 | -0.70 | .482 |

**Table S5.**

Model examining change in proportion of thematic foil choice for control words

Regression model:

Proportion of thematic errors ~ Book + Session + (1 | ID)

*Fixed effects*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Estimate** | ***SE*** | ***df*** | ***t*** | ***p*** |
| Intercept | 0.25 | 0.02 | 941.51 | 12.24 | .000 |
| Book | -0.00 | 0.01 | 897.80 | +0.24 | .807 |
| Session (post vs. pre) | 0.02 | 0.02 | 862.88 | 1.17 | .243 |

**Table S6.**

Model examining change in proportion of conceptual foil choice for control words

Regression model:

Proportion of conceptual errors ~ Book + Session + (1 | ID)

*Fixed effects*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Estimate** | ***SE*** | ***df*** | ***t*** | ***p*** |
| Intercept | 0.39 | 0.02 | 973.15 | 18.63 | .000 |
| Book | -0.03 | 0.01 | 895.20 | -4.02 | .000 |
| Session (post vs. pre) | -0.01 | 0.02 | 859.07 | -0.35 | .724 |

**Table S7.**

Post-hoc analysis of accuracy and phonological foil choice at post-test

Regression model:

Proportion of phonological errors ~ Book + Post-test accuracy + (1 | ID)

*Fixed effects*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Estimate** | ***SE*** | ***df*** | ***t*** | ***p*** |
| Intercept | 0.46 | 0.03 | 486 | 17.73 | 0.000 |
| Book | 0.02 | 0.01 | 486 | 2.34 | 0.020 |
| Post-test accuracy | -0.29 | 0.04 | 486 | -7.93 | 0.000 |

**Table S8.**

Post-hoc analysis of accuracy and conceptual foil choice at post-test

Regression model:

Proportion of conceptual errors ~ Book + Post-test accuracy + (1 | ID)

*Fixed effects*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Estimate** | ***SE*** | ***df*** | ***t*** | ***p*** |
| Intercept | 0.17 | 0.03 | 486 | 6.54 | 0.000 |
| Book | 0.03 | 0.01 | 486 | 3.73 | 0.000 |
| Post-test accuracy | 0.26 | 0.04 | 486 | 6.78 | 0.000 |

**Table S9.**

Post-hoc analysis of accuracy and thematic foil choice at post-test

Regression model:

Proportion of thematic errors ~ Book + Post-test accuracy + (1 | ID)

*Fixed effects*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Estimate** | ***SE*** | ***df*** | ***t*** | ***p*** |
| Intercept | 0.37 | 0.03 | 447.32 | 14.13 | 0.000 |
| Book | -0.05 | 0.01 | 382.33 | -6.30 | 0.000 |
| Post-test accuracy | 0.04 | 0.04 | 292.36 | 0.96 | 0.340 |

**Table S10.**

Descriptive statistics for percentage of participants choosing a particular response option across all 69 target words

|  |  |  |
| --- | --- | --- |
|  | Pre-test | Post-test |
|  | Target | Conc. | Them. | Phon. | Target | Conc. | Them. | Phon. |
| Minimum | 6% | 5% | 6% | 10% | 9% | 4% | 3% | 6% |
| Median | 22% | 23% | 18% | 32% | 42% | 17% | 14% | 17% |
| Mean | 23% | 24% | 19% | 33% | 45% | 19% | 15% | 22% |
| Maximum | 78% | 56% | 55% | 74% | 77% | 46% | 48% | 60% |

**Figure S1.**

Foil choices by individual words at pre-test (a) and posttest (b)

\*Each point on the graph represents an individual word.

(a)

\*Each point on the graph represents an individual word.

 (b)