Experiment 3 Paragraph-level JOL model results for VSAR

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| --- | --- | --- | --- | --- | --- | --- |
| **Type 3 Tests of Fixed Effects** | | | | | | |
| Effect |  | Num DF | DF | F-value | p-value | Partial Eta Squared |
| Condition |  | 1 | 119 | 5.05 | .008 | .07 |
| VSAR |  | 1 | 119 | 1.64 | .203 | .01 |
| Object X Condition |  | 1 | 119 | 0.27 | .766 | .00 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Regression Coefficients** | | | | | | |
|  |  | Estimate | SE | t-value | p-value | Interpretation |
| Intercept |  | 55.75 | 2.89 | 19.29 | < .001 | Average participant test prediction score was 55.75 percent, in the Text-only condition, for an individual with an average score on the VSAR. |
| Condition | Multimedia | 10.52 | 4.09 | 2.57 | .011 | Average predicted test score was 10.52 percentage points higher in the Multimedia Condition relative to the Text-only Condition, for an individual with an average score on the VSAR. |
| Condition | Decorative Images | 11.90 | 4.10 | 2.90 | .005 | Average predicted test score was 11.90 percentage points higher in the Decorative Images Condition relative to the Text-only Condition, for an individual with an average score on the VSAR. |
| Condition | Text-only | 0.00 | - | - | - |  |
| VSAR |  | 2.95 | 2.84 | 1.04 | .300 | The slope for VSAR, in the Text-only Condition, is not significant. |
| VSAR X Condition | Multimedia | -2.39 | 3.83 | -0.06 | .534 | The slope for VSAR, in the Multimedia Condition does not differ from the Text-only condition. |
| VSAR X Condition | Decorative Images | 0.23 | 4.54 | 0.05 | .960 | The slope for VSAR, in the Decorative Images Condition does not differ from the Text-only condition. |
| VSAR X Condition | Text-only | 0.00 | - | - | - |  |

Experiment 3 Paragraph-level JOL model results for SBCSQ

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Type 3 Tests of Fixed Effects** | | | | | | |
| Effect |  | Num DF | DF | F-value | p-value | Partial Eta Squared |
| Condition |  | 1 | 119 | 4.94 | .009 | .07 |
| SBCSQ |  | 1 | 119 | 0.28 | .598 | .00 |
| Object X Condition |  | 1 | 119 | 1.17 | .315 | .02 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Regression Coefficients** | | | | | | |
|  |  | Estimate | SE | t-value | p-value | Interpretation |
| Intercept |  | 56.08 | 2.88 | 19.46 | < .001 | Average participant test prediction score was 56.08 percent, in the Text-only condition, for an individual with an average score on the SBCSQ. |
| Condition | Multimedia | 10.36 | 4.14 | 2.50 | .014 | Average predicted test score was 10.36 percentage points higher in the Multimedia Condition relative to the Text-only Condition, for an individual with an average score on the SBCSQ. |
| Condition | Decorative Images | 11.82 | 4.09 | 2.89 | .005 | Average predicted test score was 11.82 percentage points higher in the Decorative Images Condition relative to the Text-only Condition, for an individual with an average score on the SBCSQ. |
| Condition | Text-only | 0.00 | - | - | - |  |
| SBCSQ |  | -4.38 | 2.50 | -1.75 | .083 | The slope for SBCSQ, in the Text-only Condition, is not significant. |
| SBCSQ X Condition | Multimedia | 5.30 | 4.22 | 1.26 | .211 | The slope for SBCSQ, in the Multimedia Condition does not differ from the Text-only condition. |
| SBCSQ X Condition | Decorative Images | 5.07 | 3.98 | 1.27 | .205 | The slope for SBCSQ, in the Decorative Images Condition does not differ from the Text-only condition. |
| SBCSQ X Condition | Text-only | 0.00 | - | - | - |  |

Experiment 3 Paragraph-level JOL model results for VVLRSR

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| --- | --- | --- | --- | --- | --- | --- |
| **Type 3 Tests of Fixed Effects** | | | | | | |
| Effect |  | Num DF | DF | F-value | p-value | Partial Eta Squared |
| Condition |  | 1 | 119 | 5.22 | .007 | .08 |
| VVLRSR |  | 1 | 119 | 0.22 | .638 | .00 |
| Object X Condition |  | 1 | 119 | 0.40 | .674 | .01 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Regression Coefficients** | | | | | | |
|  |  | Estimate | SE | t-value | p-value | Interpretation |
| Intercept |  | 55.59 | 2.91 | 19.12 | < .001 | Average participant test prediction score was 55.59 percent, in the Text-only condition, for an individual with an average score on the VVLRSR. |
| Condition | Multimedia | 10.96 | 4.14 | 2.65 | .009 | Average predicted test score was 10.96 percentage points higher in the Multimedia Condition relative to the Text-only Condition, for an individual with an average score on the VVLRSR. |
| Condition | Decorative Images | 12.14 | 4.17 | 2.91 | .004 | Average predicted test score was 12.14 percentage points higher in the Decorative Images Condition relative to the Text-only Condition, for an individual with an average score on the VVLRSR. |
| Condition | Text-only | 0.00 | - | - | - |  |
| VVLRSR |  | -1.11 | 2.41 | -0.46 | .645 | The slope for VVLRSR, in the Text-only Condition, is not significant. |
| VVLRSR X Condition | Multimedia | 3.50 | 4.21 | 0.83 | .407 | The slope for VVLRSR, in the Multimedia Condition does not differ from the Text-only condition. |
| VVLRSR X Condition | Decorative Images | 2.37 | 4.13 | 0.57 | .567 | The slope for VVLRSR, in the Decorative Images Condition does not differ from the Text-only condition. |
| VVLRSR X Condition | Text-only | 0.00 | - | - | - |  |

Experiment 3 Paragraph-level JOL model results for LSQ

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| --- | --- | --- | --- | --- | --- | --- |
| **Type 3 Tests of Fixed Effects** | | | | | | |
| Effect |  | Num DF | DF | F-value | p-value | Partial Eta Squared |
| Condition |  | 1 | 119 | 4.37 | .015 | .06 |
| LSQ |  | 1 | 119 | 4.27 | .041 | .03 |
| Object X Condition |  | 1 | 119 | 1.27 | .284 | .02 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Regression Coefficients** | | | | | | |
|  |  | Estimate | SE | t-value | p-value | Interpretation |
| Intercept |  | 55.89 | 2.84 | 19.65 | < .001 | Average participant test prediction score was 55.75 percent, in the Text-only condition, for an individual with an average score on the LSQ. |
| Condition | Multimedia | 10.34 | 4.07 | 2.54 | .012 | Average predicted test score was 10.52 percentage points higher in the Multimedia Condition relative to the Text-only Condition, for an individual with an average score on the LSQ. |
| Condition | Decorative Images | 10.54 | 4.15 | 2.54 | .012 | Average predicted test score was 11.90 percentage points higher in the Decorative Images Condition relative to the Text-only Condition, for an individual with an average score on the LSQ. |
| Condition | Text-only | 0.00 | - | - | - |  |
| LSQ |  | 5.32 | 2.86 | 1.86 | .066 | The slope for LSQ in the Text-only Condition, specifically, is not significant. Note, however, that the overall slope (across conditions) was small but significant. The overall slope for LSQ, was 0.31. For each point higher in visual learning a participant scored, their judgments went up by 0.31 percentage points regardless of condition. |
| LSQ X Condition | Multimedia | -5.30 | 3.83 | -1.39 | .169 | The slope for LSQ, in the Multimedia Condition does not differ from the Text-only condition. |
| LSQ X Condition | Decorative Images | 0.29 | 4.64 | 0.06 | .951 | The slope for LSQ, in the Decorative Images Condition does not differ from the Text-only condition. |
| LSQ X Condition | Text-only | 0.00 | - | - | - |  |

Experiment 3 Paragraph-level JOL model results for BAML

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Type 3 Tests of Fixed Effects** | | | | | | |
| Effect |  | Num DF | DF | F-value | p-value | Partial Eta Squared |
| Condition |  | 2 | 119 | 5.39 | .006 | .08 |
| BAML |  | 1 | 119 | 0.25 | .616 | .00 |
| Object X Condition |  | 2 | 119 | 0.27 | .762 | .00 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Regression Coefficients** | | | | | | |
|  |  | Estimate | SE | t-value | p-value | Interpretation |
| Intercept |  | 55.57 | 2.91 | 19.12 | < .001 | Average participant test prediction score was 55.75 percent, in the Text-only condition, for an individual with an average score on the BAML. |
| Condition | Multimedia | 10.73 | 4.13 | 2.60 | .011 | Average predicted test score was 10.73 percentage points higher in the Multimedia Condition relative to the Text-only Condition, for an individual with an average score on the BAML. |
| Condition | Decorative Images | 12.54 | 4.14 | 303.00 | .003 | Average predicted test score was 12.54 percentage points higher in the Decorative Images Condition relative to the Text-only Condition, for an individual with an average score on the BAML. |
| Condition | Text-only | 0.00 | - | - | - |  |
| BAML |  | -2.47 | 2.88 | -0.86 | .392 | The slope for BAML, in the Text-only Condition, is not significant. |
| BAML X Condition | Multimedia | 2.99 | 4.09 | 0.73 | .466 | The slope for BAML, in the  Multimedia Condition does not differ from the Text-only condition. |
| BAML X Condition | Decorative Images | 1.87 | 4.19 | 0.45 | .657 | The slope for BAML, in the Decorative Images Condition does not differ from the Text-only condition. |
| BAML X Condition | Text-only | 0.00 | - | - | - |  |