Experiment 3 Post-Study 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 | 3.27 | .042 | .05 |
| VSAR |  | 1 | 119 | 1.77 | .186 | .01 |
| Object X Condition |  | 1 | 119 | 0.11 | .898 | .00 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Regression Coefficients** | | | | | | |
|  |  | Estimate | SE | t-value | p-value | Interpretation |
| Intercept |  | 56.28 | 3.01 | 17.52 | < .001 | Average participant test prediction score was 56.28 percent, in the Text-only condition, for an individual with an average score on the VSAR. |
| Condition | Multimedia | 9.22 | 4.55 | 2.03 | .045 | Average predicted test score was 9.22 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 | 10.76 | 4.56 | 2.36 | .020 | Average predicted test score was 10.76 percentage points higher in the multimedia condition relative to the Decorative Images Condition, for an individual with an average score on the VSAR. |
| Condition | Text-only | 0.00 | - | - | - |  |
| VSAR |  | 3.78 | 3.15 | 1.20 | .233 | The slope for VSAR, in the Text-only Condition, is not significant. |
| VSAR X Condition | Multimedia | -1.36 | 4.26 | -0.32 | .750 | The slope for VSAR, in the Multimedia Condition does not differ from the Text-only condition. |
| VSAR X Condition | Decorative Images | -2.25 | 5.05 | -0.45 | .656 | 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 Post-Study JOL model results for SBCSQ

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| --- | --- | --- | --- | --- | --- | --- |
| **Type 3 Tests of Fixed Effects** | | | | | | |
| Effect |  | Num DF | DF | F-value | p-value | Partial Eta Squared |
| Condition |  | 1 | 119 | 2.98 | .055 | .05 |
| SBCSQ |  | 1 | 119 | 0.02 | .898 | .00 |
| Object X Condition |  | 1 | 119 | 2.03 | .136 | .03 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Regression Coefficients** | | | | | | |
|  |  | Estimate | SE | t-value | p-value | Interpretation |
| Intercept |  | 56.60 | 3.20 | 17.71 | < .001 | Average participant test prediction score was 56.60 percent, in the Text-only condition, for an individual with an average score on the SBCSQ. |
| Condition | Multimedia | 9.05 | 4.60 | 1.97 | .051 | Average predicted test score did not significantly differ in the Multimedia Condition relative to the Text-only Condition. |
| Condition | Decorative Images | 10.07 | 4.54 | 2.22 | .028 | Average predicted test score was 10.07 percentage points higher in the Decorative Images Condition relative to the Text-only Condition, for an individual with an average score on the SBCSQ. However, this should not be interpreted given the non-significant main (see fixed effects). |
| Condition | Text-only | 0.00 | - | - | - |  |
| SBCSQ |  | -4.61 | 2.78 | -1.66 | .100 | The slope for SBCSQ, in the Text-only Condition, is not significant. |
| SBCSQ X Condition | Multimedia | 6.14 | 4.68 | 1.31 | .192 | The slope for SBCSQ, in the Multimedia Condition does not differ from the Text-only condition. |
| SBCSQ X Condition | Decorative Images | 8.43 | 4.41 | 1.91 | .059 | 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 Post-Study 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 | 3.17 | .046 | .05 |
| VVLRSR |  | 1 | 119 | 1.23 | .269 | .01 |
| Object X Condition |  | 1 | 119 | 1.58 | .211 | .02 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Regression Coefficients** | | | | | | |
|  |  | Estimate | SE | t-value | p-value | Interpretation |
| Intercept |  | 56.01 | 3.20 | 17.50 | < .001 | Average participant test prediction score was 56.01 percent, in the Text-only condition, for an individual with an average score on the VVLRSR. |
| Condition | Multimedia | 9.77 | 4.55 | 2.15 | .034 | Average predicted test score was 9.77 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 | 10.10 | 4.59 | 2.20 | .030 | Average predicted test score was 10.10 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 |  | -2.17 | 2.65 | -0.82 | .415 | The slope for VVLRSR, in the Text-only Condition, is not significant. |
| VVLRSR X Condition | Multimedia | 5.73 | 4.63 | 1.24 | .219 | The slope for VVLRSR, in the Multimedia Condition does not differ from the Text-only condition. |
| VVLRSR X Condition | Decorative Images | 7.35 | 4.55 | 1.62 | .109 | 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 Post-Study 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 | 2.68 | .073 | .04 |
| LSQ |  | 1 | 119 | 2.17 | .143 | .02 |
| Object X Condition |  | 1 | 119 | 1.08 | .345 | .02 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Regression Coefficients** | | | | | | |
|  |  | Estimate | SE | t-value | p-value | Interpretation |
| Intercept |  | 56.39 | 3.19 | 17.65 | < .001 | Average participant test prediction score was 56.39 percent, in the Text-only condition, for an individual with an average score on the LSQ. |
| Condition | Multimedia | 8.74 | 4.57 | 1.91 | .058 | Average predicted test score did not significantly differ in the Multimedia Condition relative to the Text-only Condition. |
| Condition | Decorative Images | 9.60 | 4.66 | 2.06 | .042 | Average predicted test score was 9.60 percentage points higher in the Decorative Images Condition relative to the Text-only Condition, for an individual with an average score on the LSQ. However, this should not be interpreted given the non-significant main (see fixed effects). |
| Condition | Text-only | 0.00 | - | - | - |  |
| LSQ |  | 5.14 | 3.21 | 1.60 | .112 | The slope for LSQ, in the Text-only Condition, is not significant. |
| LSQ X Condition | Multimedia | -5.87 | 4.30 | -1.36 | .175 | The slope for LSQ, in the Multimedia Condition does not differ from the Text-only condition. |
| LSQ X Condition | Decorative Images | -0.79 | 5.21 | -0.15 | .880 | 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 Post-Study JOL model results for BAML

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| --- | --- | --- | --- | --- | --- | --- |
| **Type 3 Tests of Fixed Effects** | | | | | | |
| Effect |  | Num DF | DF | F-value | p-value | Partial Eta Squared |
| Condition |  | 2 | 119 | 3.50 | .033 | .05 |
| BAML |  | 1 | 119 | 1.02 | .315 | .01 |
| Object X Condition |  | 2 | 119 | 0.14 | .868 | .00 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Regression Coefficients** | | | | | | |
|  |  | Estimate | SE | t-value | p-value | Interpretation |
| Intercept |  | 56.03 | 3.23 | 17.36 | < .001 | Average participant test prediction score was 56.03 percent, in the Text-only condition, for an individual with an average score on the BAML. |
| Condition | Multimedia | 9.16 | 4.58 | 2.00 | .479 | Average predicted test score did not significantly differ in the Multimedia Condition relative to the Text-only Condition. |
| Condition | Decorative Images | 11.48 | 4.60 | 2.49 | .014 | Average predicted test score was 11.48 percentage points higher in the multimedia condition relative to the Decorative Images Condition, for an individual with an average score on the BAML. |
| Condition | Text-only | 0.00 | - | - | - |  |
| BAML |  | -3.17 | 3.20 | -0.99 | .320 | The slope for BAML, in the Text-only Condition, is not significant. |
| BAML X Condition | Multimedia | 2.42 | 4.54 | 0.53 | .596 | The slope for BAML, in the Multimedia Condition does not differ from the Text-only condition. |
| BAML X Condition | Decorative Images | 1.38 | 4.66 | 0.30 | .768 | The slope for BAML, in the Decorative Images Condition does not differ from the Text-only condition. |
| BAML X Condition | Text-only | 0.00 | - | - | - |  |