|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Type 3 Tests of Fixed Effects** | | | | | | |
| Effect |  | Num DF | DF | F-value | p-value | Partial Eta Squared |
| Condition |  | 1 | 119 | 4.92 | .030 | .04 |
| VSAR |  | 1 | 119 | 1.05 | .308 | .00 |
| Object X Condition |  | 1 | 119 | 0.04 | .834 | .00 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Regression Coefficients** | | | | | | |
|  |  | Estimate | SE | t-value | p-value | Interpretation |
| Intercept |  | 192.60 | 16.34 | 11.79 | < .001 | Average total study time was 192.60 minutes, in the Text-only condition, for an individual with an average score on the VSAR. |
| Condition | Multimedia | 37.04 | 23.31 | 1.60 | .112 | Average total study time was not significantly different in the Multimedia Condition relative to the Text-only Condition. |
| Condition | Decorative Images | 46.04 | 23.20 | 1.98 | .050 | Average total study time was 46.04 minutes longer 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 |  | 0.99 | 16.03 | 0.06 | .951 | The slope for VSAR, in the Text-only Condition, is not significant. |
| VSAR X Condition | Multimedia | -5.27 | 21.67 | -0.24 | .808 | The slope for VSAR, in the Multimedia Condition does not differ from the Text-only condition. |
| VSAR X Condition | Decorative Images | -14.29 | 25.69 | -0.56 | .579 | 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 Total Study Time model results for VSAR

Experiment 3 Total Study Time 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 | 1.72 | .183 | .03 |
| SBCSQ |  | 1 | 119 | 0.04 | .842 | .00 |
| Object X Condition |  | 1 | 119 | 2.44 | .091 | .04 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Regression Coefficients** | | | | | | |
|  |  | Estimate | SE | t-value | p-value | Interpretation |
| Intercept |  | 194.29 | 16.08 | 12.08 | < .001 | Average total study time was 194.29 minutes, in the Text-only condition, for an individual with an average score on the SBCSQ. |
| Condition | Multimedia | 34.27 | 23.12 | 1.48 | .141 | Average total study time was not significantly different in the Multimedia Condition relative to the Text-only Condition. |
| Condition | Decorative Images | 38.80 | 22.83 | 1.70 | .092 | Average total study time was not significantly different in the Decorative Images Condition relative to the Text-only Condition. |
| Condition | Text-only | 0.00 | - | - | - |  |
| SBCSQ |  | -18.19 | 13.97 | -1.30 | .196 | The slope for SBCSQ, in the Text-only Condition, is not significant. |
| SBCSQ X Condition | Multimedia | 11.86 | 23.54 | 0.50 | .615 | The slope for SBCSQ, in the Multimedia Condition does not differ from the Text-only condition. |
| SBCSQ X Condition | Decorative Images | 48.53 | 22.21 | 2.18 | .031 | The slope for SBCSQ, in the Decorative Images Condition was 48.53 points higher than in the Text-only Condition. However, this should not be interpreted as the overall interaction is not significant. (See Fixed effects) |
| SBCSQ X Condition | Text-only | 0.00 | - | - | - |  |

Experiment 3 Total Study Time model results for VVLRSR

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Type 3 Tests of Fixed Effects** | | | | | | |
| Effect |  | Num DF | DF | F-value | p-value | Partial Eta Squared |
| Condition |  | 1 | 119 | 2.27 | .108 | .04 |
| VVLRSR |  | 1 | 119 | 0.93 | .336 | .01 |
| Object X Condition |  | 1 | 119 | 1.81 | .168 | .03 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Regression Coefficients** | | | | | | |
|  |  | Estimate | SE | t-value | p-value | Interpretation |
| Intercept |  | 191.59 | 16.14 | 11.87 | < .001 | Average total study time was 191.59 minutes, in the Text-only condition, for an individual with an average score on the VVLRSR. |
| Condition | Multimedia | 42.17 | 22.95 | 1.84 | .069 | Average total study time was not significantly different in the Multimedia Condition relative to the Text-only Condition. |
| Condition | Decorative Images | 42.53 | 23.13 | 1.84 | .069 | Average total study time was not significantly different in the Decorative Images Condition relative to the Text-only Condition. |
| Condition | Text-only | 0.00 | - | - | - |  |
| VVLRSR |  | -13.73 | 13.35 | -1.03 | .306 | The slope for VVLRSR, in the Text-only Condition, is not significant. |
| VVLRSR X Condition | Multimedia | 41.33 | 23.35 | 1.77 | .079 | The slope for VVLRSR, in the Multimedia Condition does not differ from the Text-only condition. |
| VVLRSR X Condition | Decorative Images | 28.74 | 22.94 | 1.25 | .213 | 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 Total Study Time 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 | 3.43 | .036 | .05 |
| LSQ |  | 1 | 119 | 1.33 | .251 | .01 |
| Object X Condition |  | 1 | 119 | 3.65 | .029 | .05 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Regression Coefficients** | | | | | | |
|  |  | Estimate | SE | t-value | p-value | Interpretation |
| Intercept |  | 192.87 | 15.87 | 12.15 | < .001 | Average total study time was 192.87 minutes, in the Text-only condition, for an individual with an average score on the LSQ. |
| Condition | Multimedia | 39.99 | 22.69 | 1.76 | .081 | Average total study time was not significantly different in the Multimedia Condition relative to the Text-only Condition. |
| Condition | Decorative Images | 58.97 | 23.15 | 2.55 | .012 | Average total study time was 58.97 minutes longer 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 |  | 6.35 | 15.96 | 0.40 | .691 | The slope for LSQ in the Text-only Condition is not significant. |
| LSQ X Condition | Multimedia | 5.60 | 21.36 | 0.26 | .794 | Multimedia Condition does not differ from the Text-only condition. |
| LSQ X Condition | Decorative Images | -58.72 | 25.90 | -2.27 | .025 | The slope for LSQ, in the Decorative Images Condition was 58.72 points higher than in the Text-only Condition. For each point higher in visual learning a participant scored, their study time decreased by 52.37 minutes in the Decorative Images Condition. |
| LSQ X Condition | Text-only | 0.00 | - | - | - |  |

Experiment 3 Total Study Time 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 | 5.39 | .006 | .04 |
| BAML |  | 1 | 119 | 0.25 | .616 | .00 |
| Object X Condition |  | 2 | 119 | 0.27 | .762 | .01 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Regression Coefficients** | | | | | | |
|  |  | Estimate | SE | t-value | p-value | Interpretation |
| Intercept |  | 192.77 | 16.27 | 11.85 | < .001 | Average total study time was 192.77 minutes, in the Text-only condition, for an individual with an average score on the BAML. |
| Condition | Multimedia | 38.99 | 23.10 | 1.69 | .094 | Average total study time was not significantly different in the Multimedia Condition relative to the Text-only Condition, for an individual with an average score on the BAML. |
| Condition | Decorative Images | 47.47 | 23.19 | 2.05 | .043 | Average total study time was 47.47 minutes longer 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 |  | 3.55 | 16.13 | 0.22 | .826 | The slope for BAML, in the Text-only Condition, is not significant. |
| BAML X Condition | Multimedia | 9.57 | 22.89 | 0.42 | .677 | The slope for BAML, in the Multimedia Condition does not differ from the Text-only condition. |
| BAML X Condition | Decorative Images | -20.30 | 23.47 | -0.86 | .389 | The slope for BAML, in the Decorative Images Condition does not differ from the Text-only condition. |
| BAML X Condition | Text-only | 0.00 | - | - | - |  |