|  |  |  |  |
| --- | --- | --- | --- |
|  | **serp\_clean\_log** | | |
| *Predictors* | *Estimates* | *CI* | *p* |
| (Intercept) | 11.24 | 8.75 – 13.74 | **<0.001** |
| group [VIDEO] | -0.67 | -1.06 – -0.28 | **0.001** |
| lextale | -0.00 | -0.03 – 0.02 | 0.728 |
| survey | -0.10 | -0.62 – 0.42 | 0.698 |
| Observations | 57 | | |
| R2 / R2 adjusted | 0.194 / 0.148 | | |

**Table 1 – Total fixation duration on SERP predicted by Group, L2 level, and self-perceived strategic behavior**

**Table 2 – Total fixation duration on reliable and non-reliable pages predicted by Group, L2 level and self-perceived strategic behavior**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **duration** | | |
| *Predictors* | *Estimates* | *CI* | *p* |
| (Intercept) | 437894.51 | 98487.33 – 777301.70 | **0.012** |
| group [VIDEO] | 56121.42 | 2604.90 – 109637.94 | **0.040** |
| lextale | -2868.44 | -5881.03 – 144.15 | 0.062 |
| survey | -3237.19 | -73624.07 – 67149.68 | 0.928 |
| **Random Effects** | | | |
| σ2 | 2934389630.64 | | |
| τ00 Participant | 8552192878.77 | | |
| ICC | 0.74 | | |
| N Participant | 57 | | |
| Observations | 114 | | |
| Marginal R2 / Conditional R2 | 0.116 / 0.774 | | |

**Table 3 – Argumentation scores predicted by Group, English level, Fixation duration on SERP and Fixation duration on source features**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **argumentation** | | |
| *Predictors* | *Estimates* | *CI* | *p* |
| (Intercept) | 2277.60 | 194.80 – 4360.39 | **0.033** |
| group [VIDEO] | -2422.84 | -4861.97 – 16.29 | 0.051 |
| lextale | -26.09 | -53.75 – 1.57 | 0.064 |
| serp clean log | -207.00 | -403.65 – -10.36 | **0.040** |
| source features clean log | -233.13 | -435.59 – -30.66 | **0.025** |
| group [VIDEO] × lextale | 29.81 | -2.99 – 62.60 | 0.074 |
| group [VIDEO] × serp clean log | 219.10 | -16.39 – 454.60 | 0.067 |
| lextale × serp clean log | 2.36 | -0.27 – 4.98 | 0.078 |
| group [VIDEO] × source features clean log | 245.26 | 7.19 – 483.32 | **0.044** |
| lextale × source features clean log | 2.71 | 0.04 – 5.38 | **0.047** |
| serp clean log × source features clean log | 21.17 | 2.13 – 40.22 | **0.030** |
| (group [VIDEO] × lextale) × serp clean log | -2.69 | -5.86 – 0.49 | 0.095 |
| (group [VIDEO] × lextale) × source features clean log | -3.04 | -6.23 – 0.15 | 0.061 |
| (group [VIDEO] × serp clean log) × source features clean log | -22.17 | -45.08 – 0.73 | 0.057 |
| (lextale × serp clean log) × source features clean log | -0.24 | -0.50 – 0.01 | 0.057 |
| (group [VIDEO] × lextale × serp clean log) × source features clean log | 0.27 | -0.03 – 0.58 | 0.080 |
| Observations | 57 | | |
| R2 / R2 adjusted | 0.412 / 0.196 | | |

**Table 4 – Smt scores predicted by Group, English level, Fixation duration on SERP and Fixation duration on source features.**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **smt** | | |
| *Predictors* | *Estimates* | *CI* | *p* |
| (Intercept) | 4777.49 | 1136.32 – 8418.65 | **0.011** |
| group [VIDEO] | -8110.62 | -12374.73 – -3846.52 | **<0.001** |
| lextale | -62.07 | -110.43 – -13.72 | **0.013** |
| serp clean log | -450.69 | -794.47 – -106.91 | **0.011** |
| source features clean log | -465.65 | -819.61 – -111.70 | **0.011** |
| group [VIDEO] × lextale | 112.50 | 55.17 – 169.84 | **<0.001** |
| group [VIDEO] × serp clean log | 768.89 | 357.20 – 1180.58 | **0.001** |
| lextale × serp clean log | 5.84 | 1.25 – 10.44 | **0.014** |
| group [VIDEO] × source features clean log | 790.80 | 374.61 – 1206.99 | **<0.001** |
| lextale × source features clean log | 6.03 | 1.37 – 10.69 | **0.012** |
| serp clean log × source features clean log | 43.90 | 10.61 – 77.19 | **0.011** |
| (group [VIDEO] × lextale) × serp clean log | -10.67 | -16.22 – -5.12 | **<0.001** |
| (group [VIDEO] × lextale) × source features clean log | -10.95 | -16.52 – -5.37 | **<0.001** |
| (group [VIDEO] × serp clean log) × source features clean log | -75.02 | -115.06 – -34.98 | **<0.001** |
| (lextale × serp clean log) × source features clean log | -0.57 | -1.01 – -0.13 | **0.013** |
| (group [VIDEO] × lextale × serp clean log) × source features clean log | 1.04 | 0.50 – 1.58 | **<0.001** |
| Observations | 57 | | |
| R2 / R2 adjusted | 0.644 / 0.514 | | |

**Table 5 – Pre and post test scores predicted by Group, English level, Fixation duration on SERP, Fixation duration on source features and Moment (pre and post)**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **response** | | |
| *Predictors* | *Estimates* | *CI* | *p* |
| (Intercept) | 2.02 | -7.67 – 11.71 | 0.681 |
| group [VIDEO] | -0.09 | -1.00 – 0.82 | 0.846 |
| lextale | 0.05 | 0.01 – 0.10 | **0.025** |
| serp clean log | 0.29 | -0.29 – 0.87 | 0.324 |
| source features clean log | -0.95 | -1.75 – -0.15 | **0.020** |
| preposttest [pre] | -0.90 | -1.47 – -0.33 | **0.002** |
| **Random Effects** | | | |
| σ2 | 2.35 | | |
| τ00 Participant | 1.12 | | |
| ICC | 0.32 | | |
| N Participant | 57 | | |
| Observations | 114 | | |
| Marginal R2 / Conditional R2 | 0.167 / 0.436 | | |