|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Table 1.  *Estimates of Effects for Each Database* | | | | | | | |
| Database | Step | Effect | Estimate (SE) | *df* | *t* | *p* | *pr2* |
| ANEW | Step 1 | Word Length | -.052 (.035) | 1031 | -1.507 | 0.132 | 0.002 |
| Letter Frequency | .014 (.052) | 1031 | .264 | 0.792 | <0.001 |
| Step 2 | RHA | .054 (.029) | 1029 | 1.876 | 0.061 | 0.003 |
| Switches | -.021 (.056) | 1029 | -0.372 | 0.710 | <0.001 |
| Step 3 | RHA \* Switches | -.018 (.017) | 1028 | -1.038 | 0.299 | 0.001 |
| AFINN | Step 1 | Word Length | -.019 (.015) | 2449 | -1.231 | 0.218 | 0.001 |
| Letter Frequency | .049 (.033) | 2449 | 1.488 | 0.137 | 0.001 |
| Step 2 | RHA | .059 (.015) | 2447 | 3.855 | < 0.001 | 0.006 |
| Switches | -.006 (.029) | 2447 | -.192 | 0.847 | <0.001 |
| Step 3 | RHA \* Switches | .004 (.007) | 2446 | .537 | 0.591 | <0.001 |
| Verb Valence | Step 1 | Word Length | .046 (.070) | 285 | .655 | .513 | 0.002 |
| Letter Frequency | -.053 (.152) | 285 | -.346 | .730 | <0.001 |
| Step 2 | RHA | .064 (.064) | 283 | .990 | .323 | 0.003 |
| Switches | -.199 (.116) | 283 | -1.719 | .087 | 0.010 |
| Step 3 | RHA \* Switches | -.020 (.039) | 282 | -.514 | .608 | 0.001 |
| Warriner et al. ANEW Expansion | Step 1 | Word Length | -.019 (.005) | 13805 | -4.109 | <.001 | 0.001 |
| Letter Frequency | .043 (.010) | 13805 | 4.511 | <.001 | 0.001 |
| Step 2 | RHA | .013 (.005) | 13803 | 2.627 | .009 | <0.001 |
| Switches | .022 (.009) | 13803 | 2.465 | .014 | <0.001 |
| Step 3 | RHA \* Switches | -.004 (.002) | 13802 | -1.667 | .095 | <0.001 |
| Social Network Data | Step 1 | Word Length | .054 (.005) | 9909 | 11.421 | <.001 | 0.013 |
| Letter Frequency | .005 (.009) | 9909 | .537 | .591 | <0.001 |
| Step 2 | RHA | .009 (.005) | 9907 | 1.707 | .088 | <0.001 |
| Switches | .016 (.010) | 9907 | 1.593 | .111 | <0.001 |
| Step 3 | RHA \* Switches | -.003 (.003) | 9906 | -1.063 | .288 | <0.001 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Table 2.  *Estimates of Effects for the Combined Database Analysis* | | | | | | | |
| Model | Effect | | Estimate (SE) | df | *t* | *p* | *pr2* |
| Real Words | Word Length | | .014 (.008) | 13007.112 | 1.739 | .082 | <0.001 |
| Letter Frequency | | .065 (.013) | 13005.118 | 5.077 | <.001 | 0.002 |
| Switches | | -.014 (.012) | 13005.777 | -1.118 | .263 | <0.001 |
| RHA | | .051 (.010) | 13005.600 | 5.313 | <.001 | 0.002 |
| Switches \* RHA | | -.007 (.003) | 13005.015 | -2.129 | .033 | <0.001 |
| Right Handed Words | Switches | -.048 (.023) | 13005.327 | -2.052 | .040 | <0.001 |
| Equally Right-Left | Switches | -.014 (.012) | 13005.777 | -1.118 | .263 | <0.001 |
| Left Handed Words | Switches | .020 (.016) | 13005.259 | 1.237 | .216 | <0.001 |

Table 3.

*Estimates of Effects for Experiment 2*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Model | Effect | Estimate (*SE*) | *df* | *t* | *p* |
| Overall | Word Length | -0.155 (0.036) | 17413.913 | -4.275 | < 0.001 |
| Letter Frequency | 0.140 (0.013) | 17410.093 | 10.611 | < 0.001 |
| Real/Pseudo Words | -0.936 (0.159) | 17411.371 | -5.893 | < 0.001 |
| Speed | < -0.001 (0.004) | 223.959 | -0.031 | 0.975 |
| Switches | 0.265 (0.076) | 17410.142 | 3.467 | 0.001 |
| RHA | 0.086 (0.038) | 17410.156 | 2.265 | 0.024 |
| Real/Pseudo \* Speed | -0.009 (0.003) | 17411.201 | -2.890 | 0.004 |
| Real/Pseudo \* Switches | -0.374 (0.106) | 17410.517 | -3.539 | < 0.001 |
| Real/Pseudo \* RHA | -0.004 (0.052) | 17410.039 | -0.079 | 0.937 |
| Speed \* Switches | -0.002 (0.002) | 17410.152 | -1.264 | 0.206 |
| Speed \* RHA | -0.001 (0.001) | 17410.178 | -0.922 | 0.356 |
| Switches \* RHA | -0.170 (0.064) | 17415.009 | -2.684 | 0.007 |
| Real/Pseudo \* Speed \* Switches | 0.003 (0.002) | 17410.546 | 1.460 | 0.144 |
| Real/Pseudo \* Speed \* RHA | 0.001 (0.001) | 17410.000 | 0.491 | 0.623 |
| Real/Pseudo \* Switches \* RHA | 0.218 (0.090) | 17421.185 | 2.413 | 0.016 |
| Speed \* Switches \* RHA | 0.003 (0.001) | 17414.873 | 2.611 | 0.009 |
| Real/Pseudo \* Speed \* Switches \* RHA | -0.004 (0.002) | 17420.682 | -2.070 | 0.038 |
| Pseudowords | Word Length | -0.152 (0.038) | 8590.989 | -3.966 | < 0.001 |
| Letter Frequency | 0.049 (0.015) | 8591.146 | 3.391 | 0.001 |
| Speed | -0.009 (0.007) | 156.596 | -1.352 | 0.178 |
| Switches | -0.096 (0.052) | 8591.158 | -1.845 | 0.065 |
| RHA | 0.060 (0.026) | 8591.028 | 2.284 | 0.022 |
| Speed \* Switches | 0.001 (0.001) | 8591.152 | 1.040 | 0.298 |
| Speed \* RHA | < -0.001 (0.001) | 8591.019 | -0.397 | 0.691 |
| Switches \* RHA | 0.026 (0.046) | 8593.315 | 0.558 | 0.577 |
| Speed \* Switches \* RHA | < -0.001 (0.001) | 8593.251 | -0.145 | 0.885 |
| Real Words | Word Length | -0.118 (0.056) | 8686.960 | -2.114 | 0.035 |
| Letter Frequency | 0.212 (0.020) | 8674.744 | 10.774 | < 0.001 |
| Speed | < -0.001 (0.005) | 194.059 | -0.007 | 0.995 |
| Switches | 0.273 (0.086) | 8672.338 | 3.190 | 0.001 |
| RHA | 0.113 (0.043) | 8672.381 | 2.653 | 0.008 |
| Speed \* Switches | -0.002 (0.002) | 8672.304 | -1.151 | 0.250 |
| Speed \* RHA | -0.001 (0.001) | 8672.350 | -0.822 | 0.411 |
| Switches \* RHA | -0.179 (0.071) | 8680.893 | -2.521 | 0.012 |
| Speed \* Switches \* RHA | 0.003 (0.001) | 8680.66 | 2.452 | 0.014 |

Table 4.

*Simple Slopes Analyses for Experiment 2*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Model | Effect | | Estimate (SE) | df | *t* | *p* | *pr2* |
| Real Words | Right Handed | Speed | -0.002 (0.005) | 253.124 | -0.284 | 0.777 | < 0.001 |
| Switches | -0.119 (0.183) | 8677.534 | -0.649 | 0.517 | < 0.001 |
| Speed \* Switches | 0.006 (0.004) | 8677.101 | 1.551 | 0.121 | < 0.001 |
| Equally Right-Left | Speed | < -0.001 (0.005) | 194.059 | -0.007 | 0.995 | < 0.001 |
| Switches | 0.273 (0.086) | 8672.338 | 3.190 | 0.001 | 0.001 |
| Speed \* Switches | -0.002 (0.002) | 8672.304 | -1.151 | 0.250 | < 0.001 |
| Left Handed | Speed | 0.001 (0.005) | 242.125 | 0.275 | 0.784 | < 0.001 |
| Switches | 0.665 (0.172) | 8680.481 | 3.867 | < 0.001 | 0.002 |
| Speed \* Switches | -0.009 (0.003) | 8680.624 | -2.793 | 0.005 | 0.001 |
| Faster Typists | Switches | 0.537 (0.128) | 8680.277 | 4.177 | < 0.001 | 0.002 |
| Average Typists | Switches | 0.665 (0.172) | 8680.481 | 3.867 | < 0.001 | 0.002 |
| Slower Typists | Switches | 0.794 (0.217) | 8680.565 | 3.664 | < 0.001 | 0.002 |

*Note*. This table only includes estimates that changed during the analyses of the interaction between RHA, speed, and number of hand switches. The other estimates did not change and are included in Table XX.