Table 1. Results from the linear mixed effects model from Experiment 1.

|  |  |  |  |
| --- | --- | --- | --- |
| *Predictors* | *Estimates* | *95% CI* | *p* |
| Intercept | 1.428 | **1.358 – 1.498** | **<0.001** |
| Relatedness (reference=Prefix) | **0.040** | **0.013 – 0.068** | **0.003** |
| Condition1 (Prefix vs Identity) | **0.095** | **0.018 – 0.173** | **0.016** |
| Condition2 (Prefix vs Orthography) | 0.052 | -0.010 – 0.113 | 0.098 |
| Condition3 (Prefix vs Semantic) | 0.050 | -0.028 – 0.128 | 0.209 |
| Target frequency | **0.068** | **0.042 – 0.094** | **<0.001** |
| Prime frequency | **0.018** | **0.004 – 0.033** | **0.011** |
| Target length | **-0.022** | **-0.034 - -0.010** | **<0.001** |
| Prime length | 0.001 | -0.006 – 0.008 | 0.795 |
| Relatedness × Condition1 | **0.040** | **0.003 – 0.078** | **0.034** |
| Relatedness × Condition2 | **-0.054** | **-0.094 – -0.014** | **0.008** |
| Relatedness × Condition3 | -0.026 | -0.063 – 0.012 | 0.178 |

Table 2. Results from the linear mixed effects model from Experiment 2.

|  |  |  |  |
| --- | --- | --- | --- |
| *Predictors* | *Estimates* | *95% CI* | *p* |
| Intercept | 1.055 | 0.991 – 1.118 | <0.001 |
| Relatedness (reference=Prefix) | 0.023 | -0.001 – 0.047 | 0.060 |
| Condition1 (Prefix vs Identity) | **0.188** | **0.114 – 0.262** | **<0.001** |
| Condition2 (Prefix vs Orthography) | **0.156** | **0.092 – 0.219** | **<0.001** |
| Condition3 (Prefix vs Semantic) | **0.150** | **0.083 – 0.218** | **<0.001** |
| Group | -0.002 | -0.043 – 0.039 | 0.922 |
| Target frequency | **0.076** | **0.046 – 0.106** | **<0.001** |
| Prime frequency | -0.002 | -0.005 – 0.002 | 0.355 |
| Target length | **-0.044** | **-0.056 - -0.031** | **<0.001** |
| Prime length | -0.003 | -0.008 – 0.003 | 0.308 |
| Relatedness × Condition1 | 0.003 | -0.026 – 0.032 | 0.855 |
| Relatedness × Condition2 | -0.022 | -0.054 – 0.009 | 0.168 |
| Relatedness × Condition3 | -0.017 | -0.047 – 0.012 | 0.245 |
| Relatedness × Group | -0.023 | -0.069 – 0.024 | 0.341 |
| Condition1 × Group | -0.005 | -0.034 – 0.024 | 0.723 |
| Condition2 × Group | -0.010 | -0.040 – 0.020 | 0.514 |
| Condition3 × Group | -0.013 | -0.042 – 0.016 | 0.383 |
| Relatedness × Condition1 × Group | 0.002 | -0.056 – 0.059 | 0.956 |
| Relatedness × Condition2 × Group | **0.064** | **0.005 – 0.123** | **0.035** |
| Relatedness × Condition3 × Group | 0.008 | -0.050 – 0.065 | 0.799 |

Table 3. Results from the linear mixed effects model from Experiment 3.

|  |  |  |  |
| --- | --- | --- | --- |
| *Predictors* | *Estimates* | *95% CI* | *p* |
| Intercept | **1.293** | **1.231 – 1.354** | **<0.001** |
| Relatedness (reference=Prefix) | 0.039 | **0.017 – 0.061** | **<0.001** |
| Condition1 (Prefix vs Identity) | 0.171 | **0.097 – 0.246** | **< 0.001** |
| Condition2 (Prefix vs Orthography) | 0.120 | **0.058 – 0.182** | **< 0.001** |
| Condition3 (Prefix vs Semantic) | 0.156 | **0.085 – 0.226** | **< 0.001** |
| Group | 0.008 | -0.045 – 0.062 | 0.754 |
| Target frequency | 0.012 | -0.018 – 0.043 | 0.423 |
| Prime frequency | 0.000 | -0.013 – 0.014 | 0.959 |
| Target length | **-0.020** | **-0.033 – -0.006** | **0.004** |
| Prime length | **-0.007** | **-0.012 – -0.002** | **0.009** |
| Relatedness × Condition1 | **-0.031** | **-0.061 – -0.001** | **0.042** |
| Relatedness × Condition2 | -0.024 | -0.055 – 0.006 | 0.121 |
| Relatedness × Condition3 | -0.030 | -0.060 – 0.000 | 0.051 |
| Relatedness × Group | -0.005 | -0.041 – 0.032 | 0.791 |
| Condition1 × Group | -0.013 | -0.038 – 0.012 | 0.292 |
| Condition2 × Group | -0.016 | -0.042 – 0.009 | 0.209 |
| Condition3 × Group | -0.003 | -0.028 – 0.022 | 0.834 |
| Relatedness × Condition1 × Group | 0.014 | -0.036 – 0.064 | 0.575 |
| Relatedness × Condition2 × Group | 0.012 | -0.039 – 0.063 | 0.650 |
| Relatedness × Condition3 × Group | 0.023 | -0.028 – 0.073 | 0.377 |

Table 4. Results from the linear mixed effects model from Experiment 4.

|  |  |  |  |
| --- | --- | --- | --- |
| *Predictors* | *Estimates* | *95% CI* | *p* |
| Intercept | **6.928** | **6.867 – 6.989** | **<0.001** |
| Relatedness (reference=Prefix) | **-0.025** | **-0.050 – -0.000** | **0.046** |
| Condition1 (Prefix vs Identity) | **-0.194** | **-0.260 - -0.129** | **< 0.001** |
| Condition2 (Prefix vs Orthography) | **-0.156** | **-0.213 - -0.099** | **< 0.001** |
| Condition3 (Prefix vs Semantic) | **-0.155** | **-0.215 - -0.095** | **< 0.001** |
| Group | -0.023 | -0.077 – 0.031 | 0.402 |
| Target frequency | **-0.073** | **-0.099 - -0.046** | **< 0.001** |
| Prime frequency | -0.009 | -0.021 – 0.002 | 0.114 |
| Target length | **0.032** | **0.023– 0.044** | **< 0.001** |
| Prime length | 0.004 | -0.001– 0.008 | 0.106 |
| Relatedness × Condition1 | -0.002 | -0.033 – 0.028 | 0.888 |
| Relatedness × Condition2 | 0.020 | -0.011 – 0.051 | 0.210 |
| Relatedness × Condition3 | 0.019 | -0.012 – 0.049 | 0.227 |
| Relatedness × Group | 0.012 | -0.036 – 0.060 | 0.625 |
| Condition1 × Group | 0.002 | -0.027 – 0.031 | 0.910 |
| Condition2 × Group | 0.007 | -0.023 – 0.037 | 0.662 |
| Condition3 × Group | 0.010 | -0.020 – 0.040 | 0.508 |
| Relatedness × Condition1 × Group | -0.011 | -0.069 – 0.047 | 0.708 |
| Relatedness × Condition2 × Group | -0.021 | -0.081 – 0.039 | 0.492 |
| Relatedness × Condition3 × Group | -0.015 | -0.074 – 0.044 | 0.623 |

Table 5. Results from the linear mixed effects model comparing prefix priming across Experiments 2 – 4.

|  |  |  |  |
| --- | --- | --- | --- |
| *Predictors* | *Estimates* | *95% CI* | *p* |
| Intercept | 6.979 | **6.992 – 7.036** | **<0.001** |
| Relatedness | -0.037 | **-0.063 – -0.012** | **0.004** |
| Group | 0.014 | 0.042 – 0.071 | 0.618 |
| Experiment 2 vs 3 | **-0.241** | **-0.300 – -0.182** | **<0.001** |
| Experiment 2 vs 4 | 0.050 | -0.010 – 0.110 | 0.101 |
| Target frequency | **0.049** | **0.032 – 0.067** | **<0.001** |
| Prime frequency | **0.008** | **0.002 – 0.013** | **0.005** |
| Target length | **0.026** | **0.019 – 0.034** | **<0.001** |
| Prime length | -0.001 | -0.006 – 0.003 | 0.503 |
| Relatedness × Experiment 2 vs 3 | 0.019 | -0.029 – 0.068 | 0.431 |
| Relatedness × Experiment 2 vs 4 | 0.011 | -0.020 – 0.042 | 0.495 |
| Group × Experiment 2 vs 3 | 0.010 | -0.027 – 0.046 | 0.600 |
| Group × Experiment 2 vs 4 | -0.016 | -0.099 – 0.067 | 0.706 |
| Relatedness × Group | -0.054 | -0.141 – 0.033 | 0.220 |
| Relatedness × Experiment 2 vs 3 × Group | -0.025 | -0.085 – 0.036 | 0.427 |
| Relatedness × Experiment 2 vs 4 × Group | 0.013 | -0.059 – 0.084 | 0.726 |