**Processing adjectives in development:**

**Evidence from eye-tracking**

**Appendix**

Final general additive mixed models with spelled out variable names. Estimate, Standard Error, t- and p-Values are specified for the parametric coefficients. Estimated degrees of freedom (EDF), reference degrees of freedom (Ref.df), F- and p-Values are reported for the smooth term. Moreover, model specification of the final model is reported.

Table 1. Model plotted in Figure 5.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parametric coefficients** | **Estimate** | **Standard Error** | **t-Value** | **p-Value** |
| Intercept (Adults) | 0.77 | 0.01 | 54.4 | *p* < .0001 |
| Group (Children) | -0.14 | 0.01 | -7.94 | *p* < .0001 |
| **Smooth terms** | **edf** | **Ref.df** | **F-Value** | **p-Value** |
| Event | 620.9 | 678.0 | 10.93 | *p* < .0001 |
| Time | 4.99 | 6.09 | 251.93 | *p* < .0001 |
| Time by group, s(time):Children | 1.00 | 1.00 | 147.89 | *p* < .0001 |
| **Model specification** | bam(proportion-looks-target&n\_competitor ~ group + s(time) + s(time, by = group) +  s(event, bs = 'fs', m=1), data=exp,  method = "ML") |

Table 2. Model plotted in Figure 7.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parametric coefficients** | **Estimate** | **Standard Error** | **t-Value** | **p-Value** |
| Intercept (Adults) | 0.63 | 0.01 | 47.16 | *p* < .0001 |
| Group (Children) | -0.23 | 0.01 | -13.59 | *p* < .0001 |
| **Smooth terms** | **edf** | **Ref.df** | **F-Value** | **p-Value** |
| Event | 613.86 | 678.0 | 9.59 | *p* < .0001 |
| Time | 6.12 | 7.19 | 458.8 | *p* < .0001 |
| Time by group, s(time):Children | 5.32 | 6.37 | 93.5 | *p* < .0001 |
| **Model specification** | bam(proportion-looks-target ~ group + s(time) + s(time, by = group) +  s(event, bs = 'fs', m=1), data=exp,  method = "ML") |

Table 3. Model plotted in Figure 9 and Figure 10.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parametric coefficients** | **Estimate** | **Standard Error** | **t-Value** | **p-Value** |
| Intercept (Adults - ABS) | 0.69 | 0.02 | 25.97 | *p* < .0001 |
| Group&Condition (Children - ABS) | -0.26 | 0.03 | -7.53 | *p* < .0001 |
| Group&Condition (Adults - INT) | 0.08 | 0.03 | 2.18 | *p* < .05 |
| Group&Condition (Children - INT) | -0.21 | 0.03 | -6.15 | *p* < .0001 |
| Group&Condition (Adults - REL) | 0.08 | 0.03 | 2.26 | *p* < .05 |
| Group&Condition (Children - REL) | -0.27 | 0.03 | -7.74 | *p* < .0001 |
| **Smooth terms** | **edf** | **Ref.df** | **F-Value** | **p-Value** |
| Event | 613.8 | 674.0 | 10.29 | *p* < .0001 |
| Time | 3.55 | 4.39 | 94.6 | *p* < .0001 |
| Time by group&condition, s(time): Children-ABS | 1.00 | 1.00 | 91.5 | *p* < .0001 |
| Time by group&condition, s(time): Adults-INT | 3.09 | 3.8 | 5.466 | *p* < .001 |
| Time by group&condition, s(time): Children-INT | 1.92 | 2.30 | 46.0 | *p* < .0001 |
| Time by group&condition, s(time): Adults-REL | 4.37 | 5.37 | 3.40 | *p* < .01 |
| Time by group&condition, s(time): Children-REL | 3.30 | 4.10 | 11.83 | *p* < .0001 |
| **Model specification** | bam(proportion-looks-target ~ group&condition + s(time) + s(time, by = group) +  s(event, bs = 'fs', m=1), data=exp\_adjwindow,  method = "ML") |