Table 1: Results from separate linear mixed-effects models predicting the number of times children looked at the speaker during the label, slide, planning, and response phases in Experiment 1. Parentheticals indicate the reference level for dummy-coded variables.

| Phase | Predictor | Estimate | Std. Error | $t$ value | $p$ value | |
|---|---|---|---|---|---|---|
| Label | Intercept | 1.40 | 0.06 | 22.70 | $< .001$ | *** |
| | Num objs (2) | -0.07 | 0.06 | -1.14 | 0.25 | |
| | Fam (N) | 0.06 | 0.06 | 0.90 | 0.37 | |
| | Age | 0.01 | 0.00 | 1.88 | 0.06 | . |
| | Num objs (2) * Fam (N) | -0.07 | 0.09 | -0.78 | 0.43 | |
| | Num objs (2) * Age | -0.01 | 0.00 | -1.37 | 0.17 | |
| | Fam (N) * Age | -0.01 | 0.00 | -1.10 | 0.27 | |
| | Num objs (2) * Fam (N) * Age | -0.00 | 0.01 | -0.49 | 0.63 | |
| Slide | Intercept | 0.12 | 0.02 | 5.57 | $< .001$ | *** |
| | Num objs (2) | 0.02 | 0.03 | 0.51 | 0.61 | |
| | Fam (N) | 0.04 | 0.03 | 1.34 | 0.18 | |
| | Age | -0.00 | 0.00 | -0.48 | 0.63 | |
| | Num objs (2) * Fam (N) | -0.07 | 0.04 | -1.64 | 0.1 | |
| | Num objs (2) * Age | 0.00 | 0.00 | 0.19 | 0.85 | |
| | Fam (N) * Age | -0.00 | 0.00 | -0.19 | 0.85 | |
| | Num objs (2) * Fam (N) * Age | -0.00 | 0.00 | -0.80 | 0.42 | |
| Planning | Intercept | 0.04 | 0.02 | 1.49 | 0.14 | |
| | Num objs (2) | 0.01 | 0.04 | 0.16 | 0.87 | |
| | Fam (N) | 0.00 | 0.03 | 0.11 | 0.91 | |
| | Age | -0.00 | 0.00 | -0.95 | 0.34 | |
| | Num objs (2) * Fam (N) | 0.21 | 0.05 | 4.36 | $< .001$ | *** |
| | Num objs (2) * Age | 0.00 | 0.00 | 0.52 | 0.6 | |
| | Fam (N) * Age | 0.00 | 0.00 | 0.73 | 0.47 | |
| | Num objs (2) * Fam (N) * Age | 0.01 | 0.00 | 1.40 | 0.16 | |
| Response | Intercept | 0.22 | 0.04 | 5.16 | $< .001$ | *** |
| | Num objs (2) | 0.06 | 0.06 | 0.96 | 0.34 | |
| | Fam (N) | 0.02 | 0.05 | 0.34 | 0.73 | |
| | Age | -0.00 | 0.00 | -0.22 | 0.83 | |
| | Num objs (2) * Fam (N) | 0.60 | 0.08 | 7.97 | $< .001$ | *** |
| | Num objs (2) * Age | 0.00 | 0.00 | 0.81 | 0.42 | |
| | Fam (N) * Age | 0.00 | 0.00 | 0.59 | 0.55 | |
| | Num objs (2) * Fam (N) * Age | 0.01 | 0.01 | 1.24 | 0.22 | |

Table 2: Results from separate linear mixed-effects models predicting the number of times children looked at the speaker during the label, slide, planning, and response phases in Experiment 2. Parentheticals indicate the reference level for dummy-coded variables.

| Phase | Predictor | Estimate | Std. Error | $t$ value | $p$ value | |
|---|---|---|---|---|---|---|
| Label | Intercept | 1.44 | 0.09 | 15.64 | $< .001$ | *** |
| | Trial Type (FF) | 0.07 | 0.08 | 0.93 | 0.35 | |
| | Trial Type (NN) | 0.02 | 0.08 | 0.28 | 0.78 | |
| | Age | 0.03 | 0.01 | 1.97 | 0.05 | . |
| | Gaze (Gaze) | -0.04 | 0.13 | -0.29 | 0.77 | |
| | Trial Type (FF) * Age | -0.00 | 0.01 | -0.19 | 0.85 | |
| | Trial Type (NN) * Age | -0.01 | 0.01 | -1.16 | 0.25 | |
| | Trial Type (FF) * Gaze (Gaze) | -0.03 | 0.11 | -0.31 | 0.75 | |
| | Trial Type (NN) * Gaze (Gaze) | 0.00 | 0.11 | 0.03 | 0.97 | |
| | Age * Gaze (Gaze) | -0.02 | 0.02 | -1.16 | 0.25 | |
| | Trial Type (FF) * Gaze (Gaze) * Age | 0.00 | 0.02 | 0.11 | 0.91 | |
| | Trial Type (NN) * Gaze (Gaze) * Age | 0.02 | 0.02 | 1.26 | 0.21 | |
| Slide | Intercept | 0.05 | 0.03 | 1.81 | 0.07 | . |
| | Trial Type (FF) | 0.09 | 0.03 | 2.68 | 0.01 | ** |
| | Trial Type (NN) | 0.07 | 0.03 | 1.99 | 0.05 | * |
| | Age | -0.01 | 0.00 | -1.51 | 0.13 | |
| | Gaze (Gaze) | 0.08 | 0.04 | 1.84 | 0.07 | . |
| | Trial Type (FF) * Age | 0.01 | 0.01 | 1.69 | 0.09 | . |
| | Trial Type (NN) * Age | 0.00 | 0.01 | 0.15 | 0.88 | |
| | Trial Type (FF) * Gaze (Gaze) | -0.08 | 0.05 | -1.67 | 0.1 | . |
| | Trial Type (NN) * Gaze (Gaze) | -0.09 | 0.05 | -1.83 | 0.07 | . |
| | Age * Gaze (Gaze) | 0.00 | 0.01 | 0.51 | 0.61 | |
| | Trial Type (FF) * Gaze (Gaze) * Age | -0.01 | 0.01 | -1.00 | 0.32 | |
| | Trial Type (NN) * Gaze (Gaze) * Age | 0.00 | 0.01 | 0.14 | 0.89 | |
| Planning | Intercept | 0.14 | 0.05 | 3.02 | 0 | ** |
| | Trial Type (FF) | -0.11 | 0.06 | -2.00 | 0.05 | * |
| | Trial Type (NN) | 0.15 | 0.06 | 2.71 | 0.01 | ** |
| | Age | -0.01 | 0.01 | -1.49 | 0.14 | |
| | Gaze (Gaze) | -0.12 | 0.07 | -1.77 | 0.08 | . |
| | Trial Type (FF) * Age | 0.01 | 0.01 | 1.15 | 0.25 | |
| | Trial Type (NN) * Age | 0.01 | 0.01 | 1.64 | 0.1 | |
| | Trial Type (FF) * Gaze (Gaze) | 0.11 | 0.08 | 1.43 | 0.15 | |
| | Trial Type (NN) * Gaze (Gaze) | -0.13 | 0.08 | -1.67 | 0.1 | . |
| | Age * Gaze (Gaze) | 0.01 | 0.01 | 0.84 | 0.4 | |
| | Trial Type (FF) * Gaze (Gaze) * Age | -0.01 | 0.01 | -0.49 | 0.63 | |
| | Trial Type (NN) * Gaze (Gaze) * Age | -0.01 | 0.01 | -0.96 | 0.34 | |
| Response | Intercept | 0.68 | 0.09 | 7.71 | $< .001$ | *** |
| | Trial Type (FF) | -0.43 | 0.09 | -4.64 | $< .001$ | *** |
| | Trial Type (NN) | 0.22 | 0.09 | 2.40 | 0.02 | * |
| | Age | 0.01 | 0.01 | 0.77 | 0.44 | |
| | Gaze (Gaze) | -0.28 | 0.12 | -2.24 | 0.03 | * |
| | Trial Type (FF) * Age | -0.01 | 0.02 | -0.65 | 0.51 | |
| | Trial Type (NN) * Age | 0.01 | 0.02 | 0.43 | 0.67 | |
| | Trial Type (FF) * Gaze (Gaze) | 0.34 | 0.13 | 2.64 | 0.01 | ** |
| | Trial Type (NN) * Gaze (Gaze) | 0.23 | 0.13 | 1.74 | 0.08 | . |
| | Age * Gaze (Gaze) | -0.04 | 0.02 | -1.92 | 0.06 | . |
| | Trial Type (FF) * Gaze (Gaze) * Age | 0.03 | 0.02 | 1.47 | 0.14 | |
| | Trial Type (NN) * Gaze (Gaze) * Age | -0.00 | 0.02 | -0.18 | 0.85 | |