**Supplementary Materials**

**Supplementary Table 1. Final models for Dutch target word mean F0 (Hz) (Excluding iambic target words; *N* = 1034)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Parameters*** | ***Estimate*** | ***SE*** | ***t-value*** | ***p*** |
|  | ***Fixed factors*** |
| (Intercept) | 241.3 | 7.056 | 34.199 | <0.001\*\*\* |
| Age (24m) | -10.882 | 4.129 | -2.635 | 0.00854\*\* |
| Condition (IDS) | 39.269 | 6.168 | 6.366 | <0.001\*\*\* |
| Familiarity(Unfamiliar) | -6.713 | 6.325 | -1.061 | 0.289 |
| Condition(IDS):Familiarity (Unfamiliar) | -16.544 | 8.32 | -1.989 | 0.047\* |

*Note: Intercept represents ADS, 18 months, and Familiar. \* p < 0.05; \*\* p < 0.01; \*\*\* p < 0.001*

**Supplementary Table 2. Final models for Dutch utterance mean F0 (Hz) (excluding utterances with iambic target words; *N* = 1034)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Parameters*** | ***Estimate*** | ***SE*** | ***t-value*** | ***p*** |
|  | ***Fixed factors*** |
| (Intercept) | 226.869  | 5.901  | 38.448  | <0.001\*\*\* |
| Age (24m) | -1.053  | 4.343  | -0.243  | 0.808 |
| Condition (IDS) | 50.673  | 6.080  | 8.335  | <0.001\*\*\* |
| Familiarity(Unfamiliar) | 0.947  | 4.385  | 0.216  | 0.829  |
| Age (24m): Condition (IDS) | -13.210  | 5.809  | -2.274  | 0.023 \* |
| Condition(IDS):Familiarity (Unfamiliar) | -21.485  | 5.830  | -3.685  | <0.001\*\*\* |

*Note: Intercept represents ADS, 18 months, and Familiar. \* p < 0.05; \*\* p < 0.01; \*\*\* p < 0.001*