# Language learning article (stress and working memory with natives, late advanced learners and interpreters)

# Plots

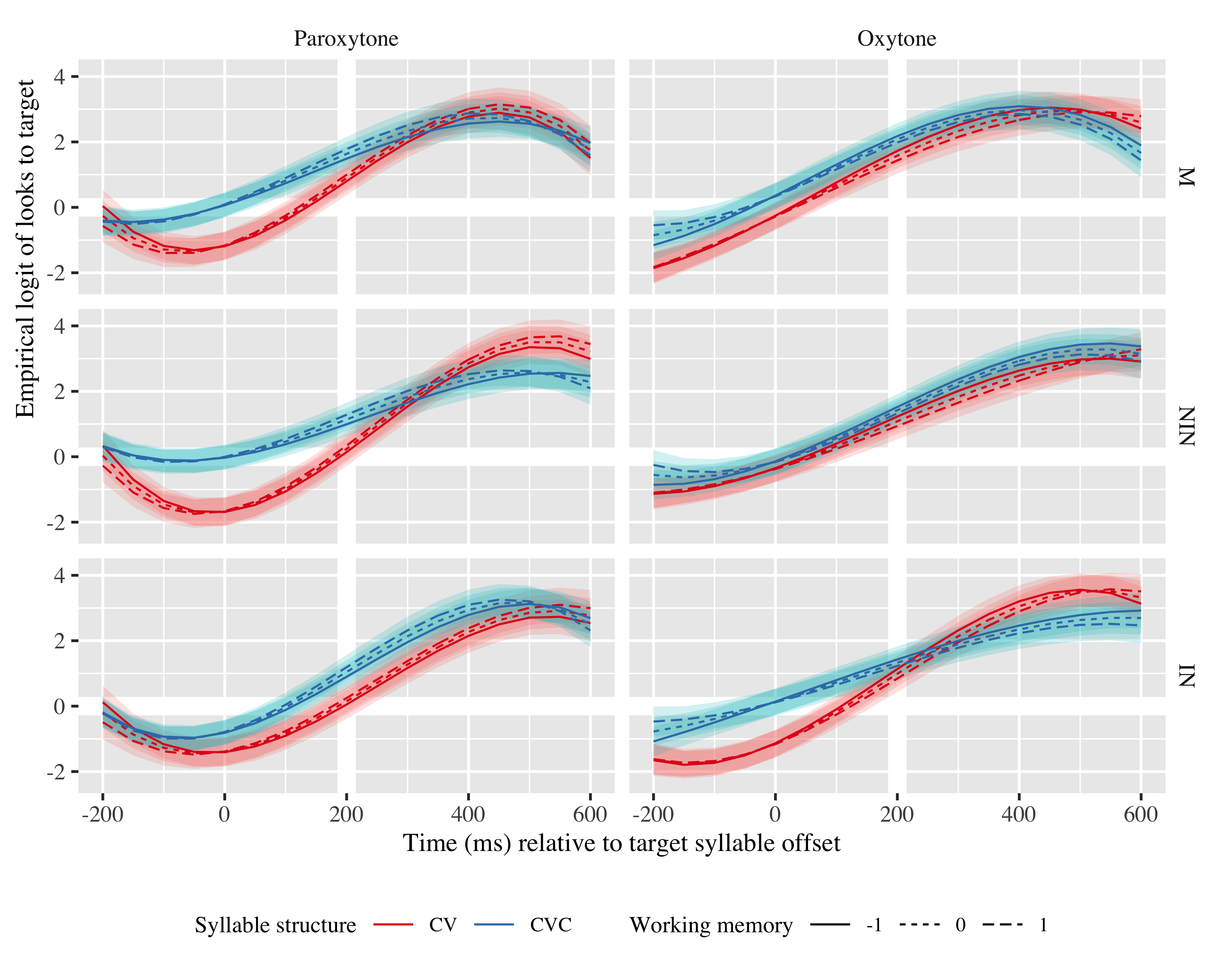


Figure 1: Growth curve estimates of target fixations as a function of lexical stress and syllable structure and working memory for each group during the analysis window. Lines represent model estimates at -1, 0, and 1 standard deviations of working memory. The transparent ribbons represents ±SE. Empirical logit values on the y-axis correspond to proportions of 0.12, 0.50, 0.88, and 0.98. The thick horizontal white line represents the 50% probability of fixating on the target. The thick vertical white line indicates 200 ms after the offset of the target syllable.

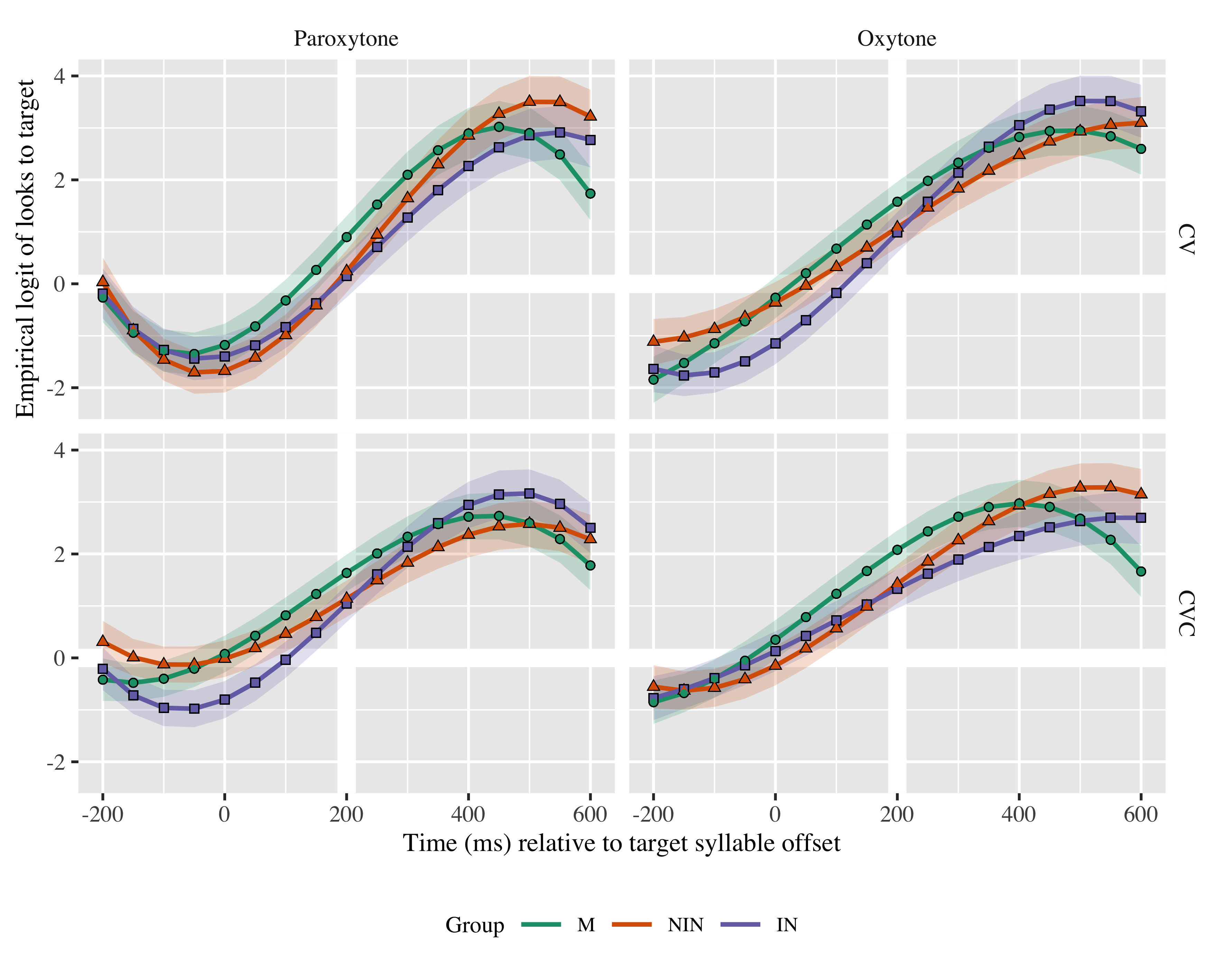


Figure 2: Growth curve estimates of target fixations as a function of lexical stress and syllable structure for each group during the analysis window. Symbols and lines represent model estimates at mean working memory, and the transparent ribbons represents ±SE. Empirical logit values on the y-axis correspond to proportions of 0.12, 0.50, 0.88, and 0.98. The thick horizontal white line represents the 50% probability of fixating on the target. The thick vertical white line indicates 200 ms after the offset of the target syllable.

# Tables

## Model estimates at target syllable offset

| Group | Lexical stress | Syllable structure | Probability | LB | UB |
| --- | --- | --- | --- | --- | --- |
| M | Paroxytone | CV | 0.711 | 0.621 | 0.786 |
|  | Oxytone |  | 0.829 | 0.767 | 0.877 |
|  | Paroxytone | CVC | 0.837 | 0.783 | 0.879 |
|  | Oxytone |  | 0.889 | 0.847 | 0.921 |
| NIN | Paroxytone | CV | 0.560 | 0.459 | 0.657 |
|  | Oxytone |  | 0.747 | 0.668 | 0.813 |
|  | Paroxytone | CVC | 0.757 | 0.687 | 0.816 |
|  | Oxytone |  | 0.806 | 0.741 | 0.857 |
| IN | Paroxytone | CV | 0.537 | 0.435 | 0.637 |
|  | Oxytone |  | 0.729 | 0.645 | 0.799 |
|  | Paroxytone | CVC | 0.740 | 0.666 | 0.802 |
|  | Oxytone |  | 0.791 | 0.722 | 0.847 |

*Table 1*: Model estimates at mean working memory for probability of target fixations ±SE at 200 ms after the target syllable offset.

## Fixed effects

Appendix 1: Growth curve model fixed effects

## Random effects

Appendix 2: Growth curve model random effects

# Statistical Analysis