

## Appendix B: Individual plots for native speakers and naïve imitators

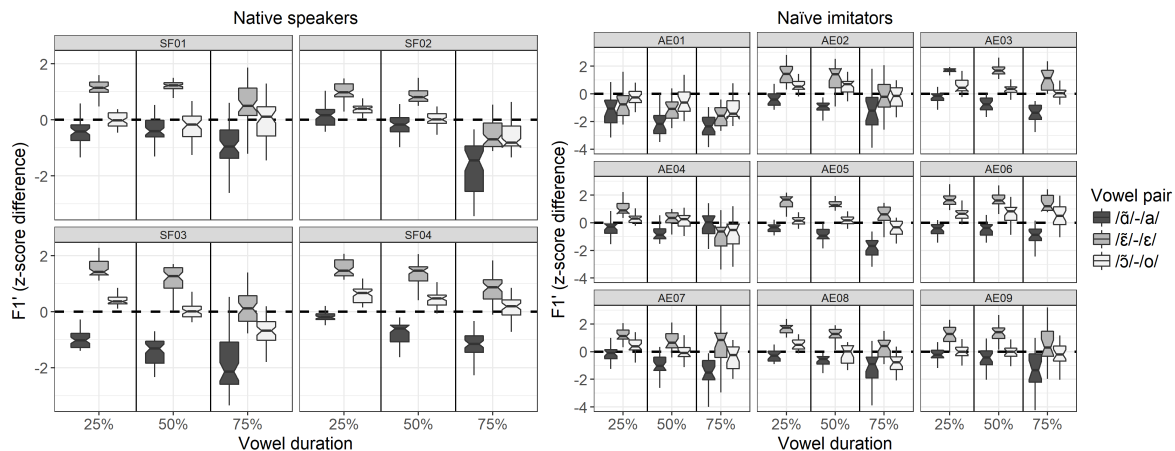


Figure 1. Box plots of nasal-oral F1'  $z$ -score differences over normalized vowel duration. Individual data for the SF native speakers is shown in the left plot; individual data for the AE naïve imitators is shown in the right plot. Separate box plots are displayed for measurements taken at 25%, 50%, and 75% of the vowel duration.

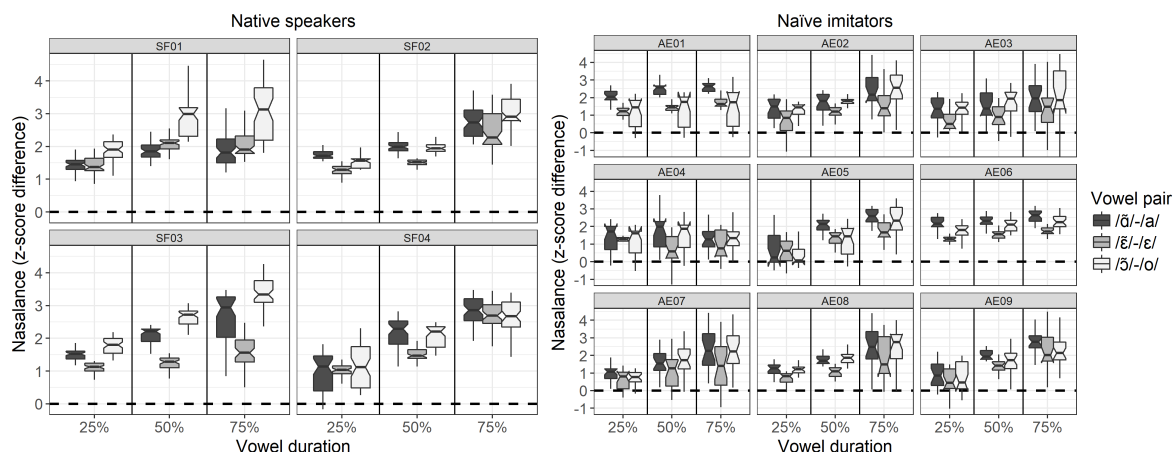


Figure 2. Box plots of nasal-oral nasalance  $z$ -score differences over normalized vowel duration. Individual data for the SF native speakers is shown in the left plot; individual data for the AE naïve imitators is shown in the right plot. Separate box plots are displayed for measurements taken at 25%, 50%, and 75% of the vowel duration.

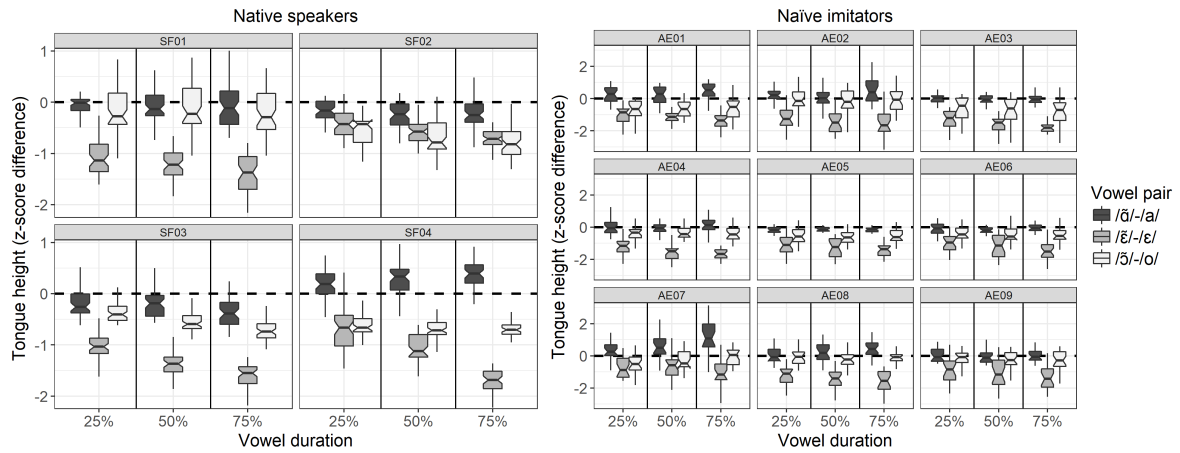


Figure 3. Box plots of nasal-oral tongue height  $z$ -score differences over normalized vowel duration. Individual data for the SF native speakers is shown in the left plot; individual data for the AE naïve imitators is shown in the right plot. Separate box plots are displayed for measurements taken at 25%, 50%, and 75% of the vowel duration.

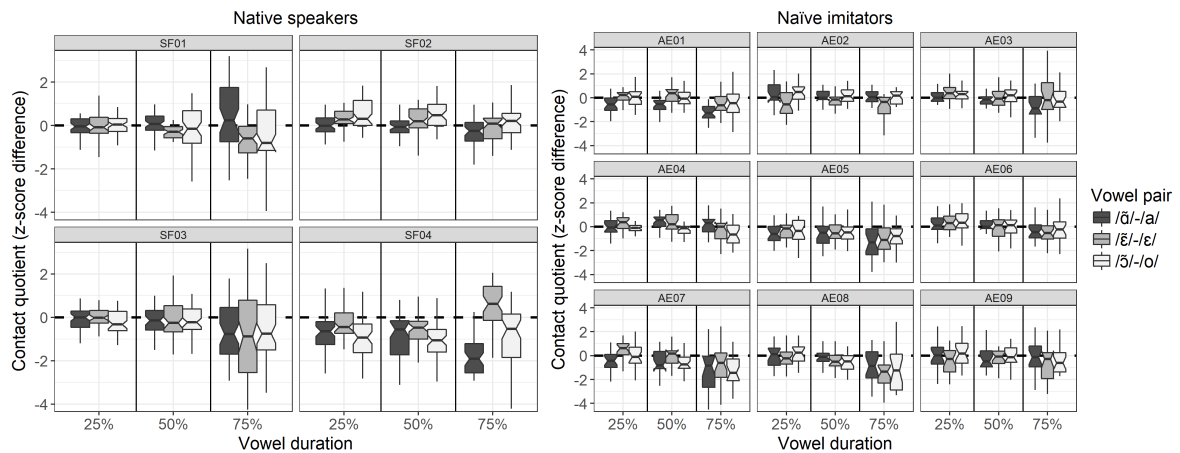


Figure 4. Box plots of nasal-oral contact quotient  $z$ -score differences over normalized vowel duration. Individual data for the SF native speakers is shown in the left plot; individual data for the AE naïve imitators is shown in the right plot. Separate box plots are displayed for measurements taken at 25%, 50%, and 75% of the vowel duration.