

## Appendix C

### Acoustic properties of French vowels from Experiments 1A and 1B

Vowels intervals for each item were hand-marked in Praat. F1 and F2 values were then automatically measured at the mid-point of each vowel using a script. A total of 324 vowels were measured (108 for each of the French talkers). Note that different LPC (linear predictive coding) settings were used to accurately capture male and female formant values.

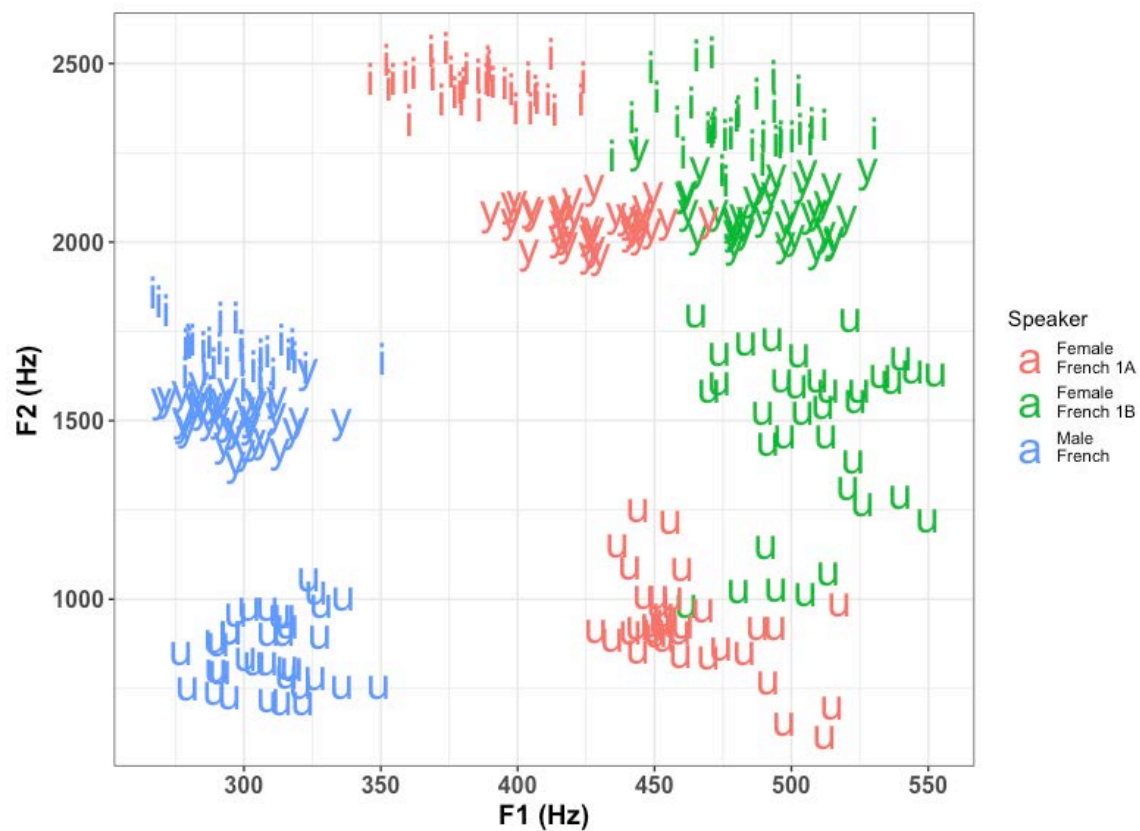


Figure C.1. Scatterplot of French talkers' first and second vowel formants. Each point is a vowel, with vowel identity indicated by the appropriate IPA symbol. Color indicates talker differences.