

- 1) Record yourself saying the words “pat”, “tat”, and “cat” at least 5 times in two different carrier sentences:

“_____ is the word”

“The word is _____”

Analyze the VOT of these target words in Praat and put your data in a table and read it into R as a csv file. Examine the means for each place of articulation category.

- a. Give the means and standard deviations of each POA (according to sentence position). (Look up how to display summary stats by group in the tidyverse)
 - b. Can you make any conclusions regarding VOT and place of articulation?
 - c. Can you make any conclusions regarding VOT and sentence position (initial or final)?
 - d. Can you plot the results of the VOT measurements as a boxplot in R?
- 2) Record yourself saying hVd words in the carrier sentence “Say the word _____ again”, with $V = \{i, u, o, a, \text{æ}, \text{schwa}\}$. Produce at least 5 tokens of each vowel and measure their F1 and F2 taken at the midpoint. Produce a vowel quadrilateral like the one we did in class.