

# Listeners do not need an F1/F2 target to perceive vowel quality or regional accentedness

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## BACKGROUND

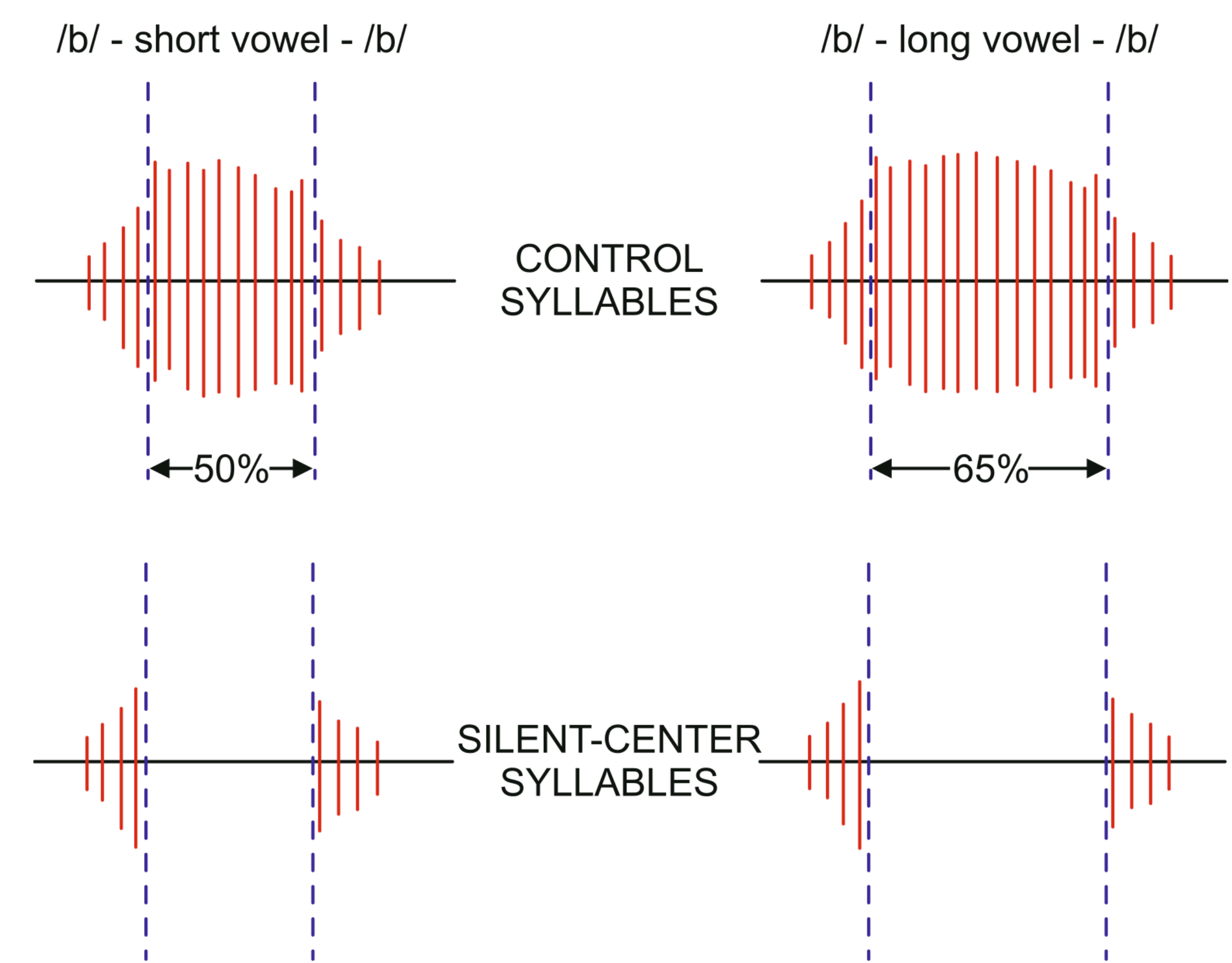


Figure 1: Schematic representation of silent centers stimuli (Jenkins et al., 1983)

- Listeners can identify vowel quality in a BVC syllable even with a substantial portion of the vowel removed (see Figure 1) (Strange & Jenkins, 2013)
- Even works for hybrid syllables
- But sociolinguistics, sound change, intrinsic and extrinsic normalization,

## METHODS

1. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do.
2. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do.
3. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do.

Now we will lay out a manual markdown table with a title.

## PREDICTIONS

For larger, more complicated tables, you may want to use the {gt} package.

Default	Right Center
Lorem ipsum dolor.	Lorem ipsum. $\alpha$
Lorem ipsum.	Lorem ipsum. $\beta$
Lorem.	Lorem. $\gamma$
Lorem ipsum dolor.	Lorem. $\theta$

Table 1: This is a Table Title

## RESULTS

We will place a figure or image below using markdown syntax. We can specify the caption and specifying height or width (or both). The figures are numbered automatically.

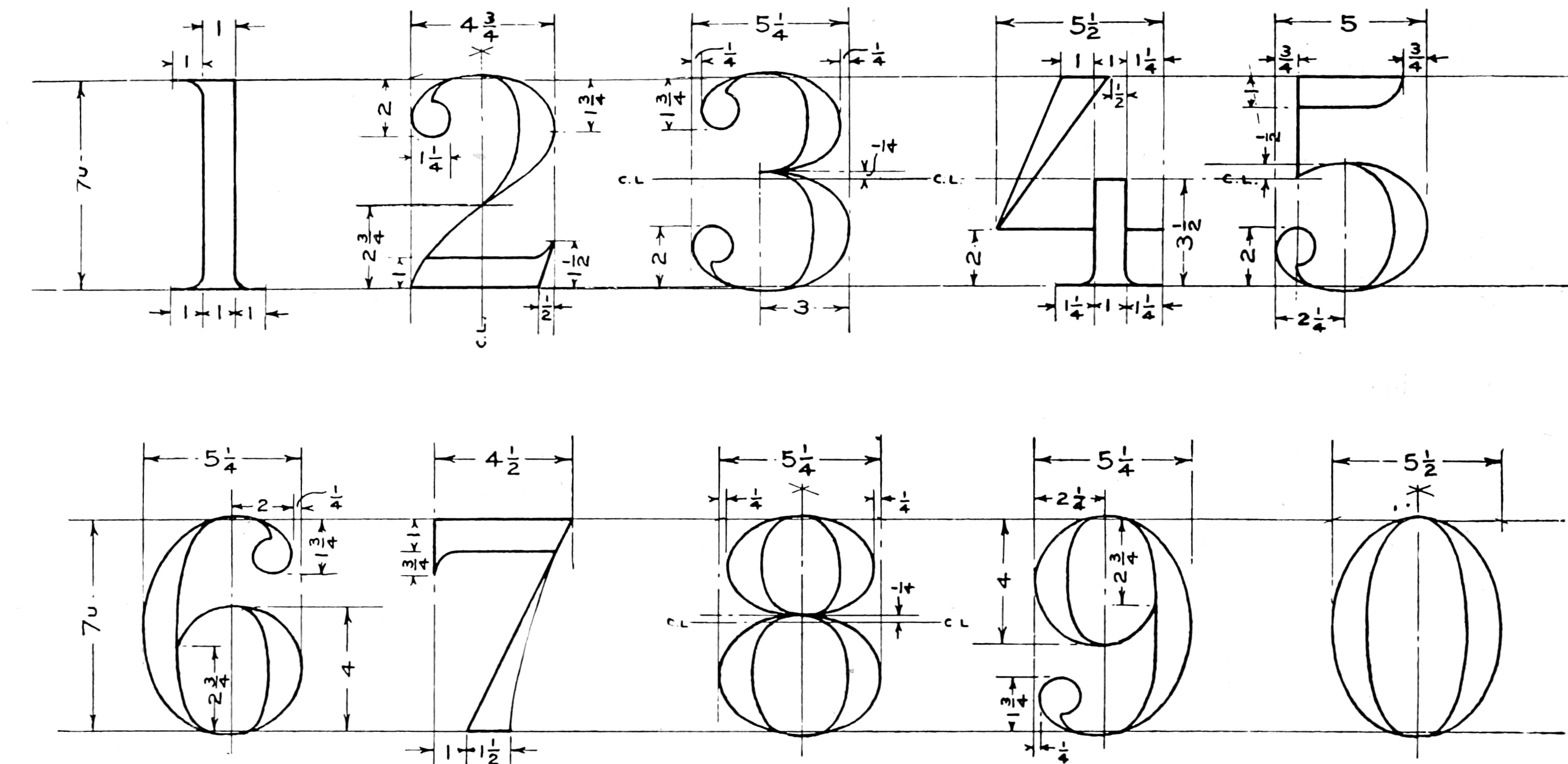


Figure 2: The details of a specific serif font.

We can use backslashes to create line breaks in the markdown text. This is a very useful feature for making the text more readable.

## DISCUSSION

We will start with a random **math** equation, just to show that quarto and typst can do *math*. Now some random text so that the yellow box spans two columns. Ut enim aequo doleamus animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. We will put this next part in a **maize-colored box** to make it stand out.

$$\sum_{k=1}^n k = \frac{n(n+1)}{2} = \frac{n^2 + n}{2} \quad (1)$$

- That was a math equation bracketed by \$ (which invokes the math translator), notice that the box extends across column breaks. Watch the indent when this extends across a whole line. Note that this box does not have a lot of inset padding, unlike the gray box below, where the text can ‘breathe’.
- Also notice how rounded the corners are (radius) in the two different boxes.
- Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do.

### Implications in a Gray Box (0[black]–255[white]) with a Blue Border

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2. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do.
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4. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do.
5. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do.

Now inserting another plot and controlling the height and width in inches on this 72 in poster. Note the backslash

(for a line break) is used on a line by itself to give us a bit of separation between the text and the plot.

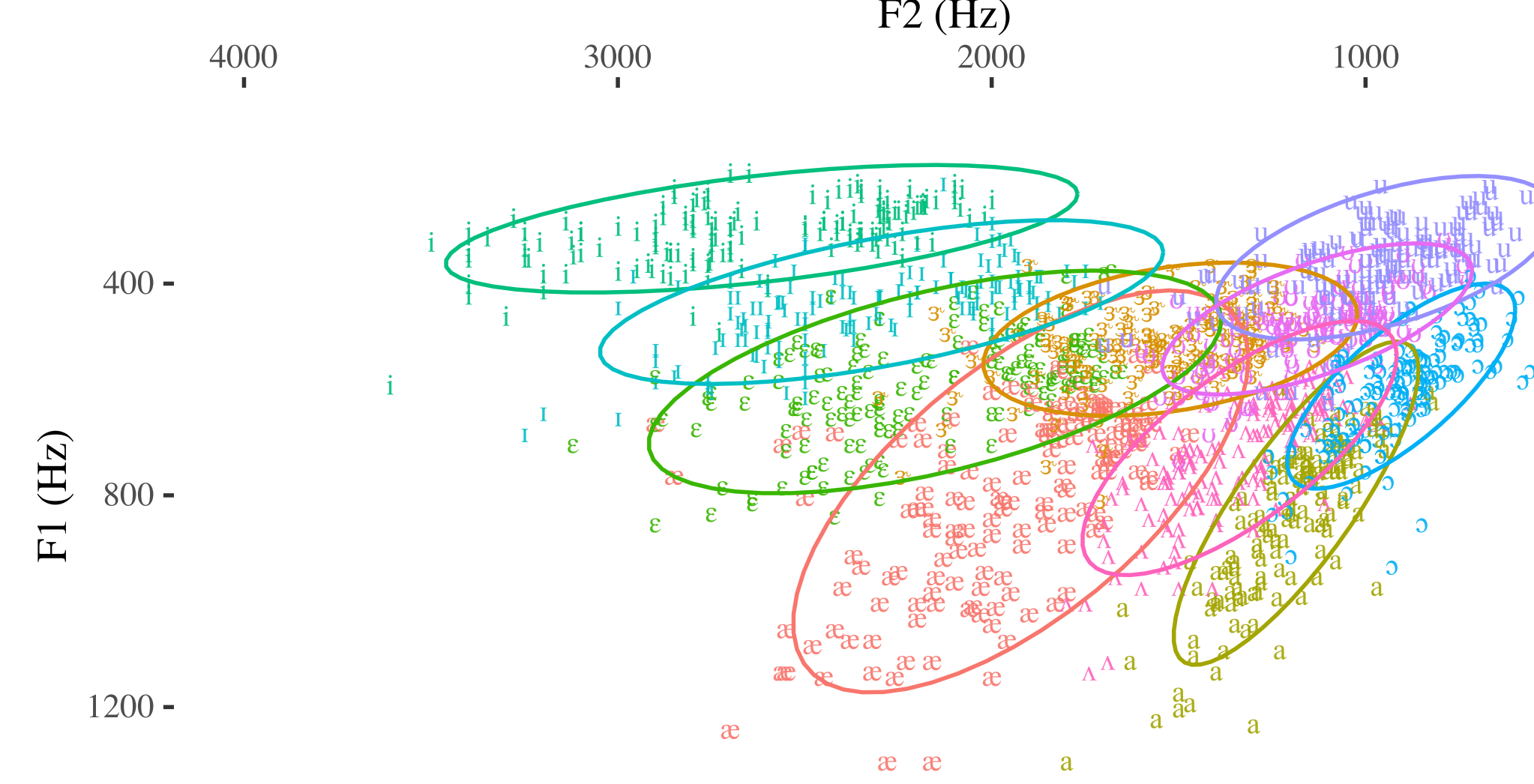


Figure 3: Peterson & Barney (1952)

## STIMULI



## REFERENCES

