Today's topics:

- **Glides, syllable structure, and feature representations**

Background preparation:

- *SC HW #3 (Italian)*

0. Today's objectives

After today's class, you should be able to:

- Use techniques of phonological argumentation to justify claims about syllable structure (SC HW #3)

- Explain why rules involving glides seem to present a complication for our feature model

- Formalize phonological patterns using our revised understanding of feature specifications for glides

1. Discussion of SC HW #3

- SC HW #3: Italian

    - Discussion: How can we approach this data set and the analysis of the patterns seen here?

2. Formalizing vowel/glide alternations

Discussion

- Data set – [Kihehe]()

  - What morpheme alternations can we identify in this data set?

  - Can any of the specific patterns be **combined** into a more general rule? Why or why not?

2. Formalizing vowel/glide alternations

- Setting aside features for a second, can we identify any **phonetic** relationships between…
  - [i] and [j]
  - [u] and [w]

2. Formalizing vowel/glide alternations

- So now we have questions…

  - How can we turn high vowels into glides (or vice versa) with a single, general rule?
  - How can we capture the phonetic similarity between glides and high vowels when the feature representations seem so different?

- Handout - <u>On representing glides and high vowels</u>

3. Vowel/glide alternations & syllable structure

- Data set – Kihehe

    - Can we identify any connection between the glide/vowel alternations and **syllable structure**?
    - Do any of the other rules we need for this data set have a connection to syllable structure?

    - A question we take up after break:
      How can we capture the insight that **multiple, distinct rules** seem to have the **same "goal"**? (a situation known as a **conspiracy**)