Today's topics:

- **Syllable weight**

- **Sonority**

Background preparation:

- Zec (2007), sec 8.4 through end

0. Course info and announcements

- **Analysis Assignment #1** —

  presentations next week

  - Any questions about structure or content?

  - (does anyone need clarification on [±syll]?)

0. Today's key points

- Korean loanwords as evidence for syllable structure

- Syllable weight and mora structure

- Formal representations of syllable structure and syllable positions

- Sonority and sonority-based generalizations

1. Syllable-structure basics and argumentation

- Data set - <u>English loanwords in Korean</u>

  - (From last time)

    Data sets A, B: Based on where epenthesis applies, state descriptive generalizations about the **basic syllable shapes** allowed in Korean

1. Syllable-structure basics and argumentation

- Data set - English loanwords in Korean

  - (Spot-check question)

  Data set C: What is surprising here?

    - Can we say anything systematic about the unexpected cases?

    - Does this relate to anything Zec discusses?
      (Hint: see section 8.3.3; the relevant descriptive generalization is buried in the OT discussion)

2. Syllable weight

- What is the **evidence** that we need to allow our phonological model to distinguish between **light** and **heavy** syllables?

  - What kinds of syllables can be light?
  - What kinds of syllables can be heavy?

- Data sets - **Sierra Miwok** (5), **Selkup** (6) in Representing syllables and syllable structure

2. Syllable weight

- Some details of implementation

  - How are **long vowels** represented in Zec's approach to syllable weight?

  - Does a **coda consonant** have a mora?

  - If a syllable has two moras, are they represented **identically**?

  - How are **onsets** represented in Zec's model or moraic structure? Why?

3. Formalizing syllable structure

- Zec argues that it is necessary to **encode** the nucleus as part of the phonological representation

  - Does she give any evidence for this assertion?

  - Can we add additional evidence?

3. Formalizing syllable structure

- According to Zec's formal model of syllable structure, how are the following formally defined?

    - onset

    - nucleus

    - coda

3. Formalizing syllable structure

- Zec (2007: 176): "We will take the strong position that the nuclear node is a defining structural property of the syllable, and as such <u>is not subject to the whims of constraint interactions</u>."

  - What does this mean?

- What is the nature of the arguments that Zec uses against the representation of subsyllabic structure presented in (32)?

4. Sonority

- See reading guide for discussion questions

- Discussion exercise:

What are **possible coda clusters** in English? What generalizations govern these possibilities?