

Linguistics 113
Homework 7
Due Thursday 30 October, 2003

(1) Turkish (p. 41 in reader)

For each set of data in (a) (b) (c) (d):

- Divide the words into syllables (+ indicates a morpheme boundary).
- For each stem ('feeling', 'right', etc.) list the surface (phonetic) forms.
- For each stem determine the underlying form.
- Explain why the stems have different surface (phonetic) forms. You can state the rule in words. Keep in mind this is an exercise on syllable structure.

Based on these data what are the possible syllable types in Turkish?

What is the common thread running through all the phenomena in the data sets (a) to (d)?

Extra Credit: Write formal rules for the alternations in the stems. Try to use as few rules as possible. To specify a syllable boundary:

σ [beginning of syllable
] σ end of syllable

(2) Syllable structure in the language for your paper

This is work in progress. I don't expect you to have the syllable structure completely figured out. I've purposely made this part of the homework free-form, so you can practice the style needed for the paper. Be organized and structured in your description!

Briefly (1-2 paragraphs) describe the syllable structure in the language you are investigating. Cite examples to illustrate your statements. Be sure to answer at least the following questions:

What are the possible syllable types?

Are there any restrictions on onsets and codas?

What kind of consonant clusters are allowed (if any)? Do they obey the sonority scale?