

Optimal Syllables Homework

- ◆ Assume the following inventory of symbols:

{C, V, .} – The symbol '.' is the syllable boundary. We will assume that the input forms are not syllabified and that we can add boundaries to candidates without violating any constraints.

- ◆ Assume the following set of violable constraints:

Onset: syllables should have onsets = *.V

NoCoda: syllables should not have codas = *C.

Max: C and V should not be deleted = *X→∅

Dep-V: V should not be inserted = *∅→V

Dep-C: C should not be inserted = *∅→C

- ◆ Assume the following inviolable (hard) constraint:

Good σ : segments in candidates are in syllables like (C)V(C) separated by '.'

Q1: How many different outputs can be optimal for the underlying form /CV/?

-- illustrate your answer with a tableau

Q2: Given this set-up, can you show me 3 different languages over the forms below?

{/CC/, /VV/, /VC/, /VCV/} -- illustrate your answer with 3 sets of 4 tableaux.

Q3: Given this set-up, how many languages do you get for the forms above?

-- this is kind of hard, so give me your best guess + supporting arguments.