Psych 156A/ Ling 150: Acquisition of Language II

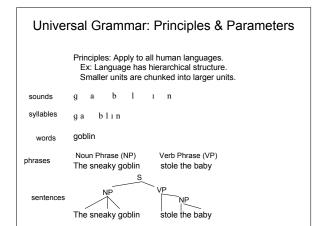
Lecture 15 Introduction to Structure 2: Parameters

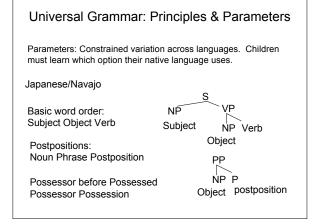
Announcements

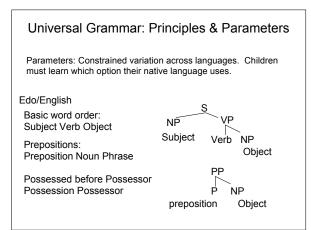
Be working on structure review questions

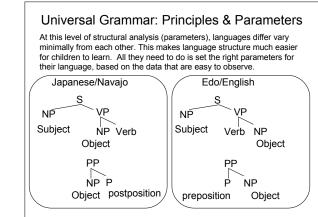
HW3 returned on Tuesday June 1

Please fill out online evaluation forms for this class! :)



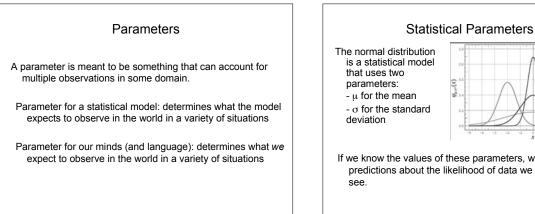


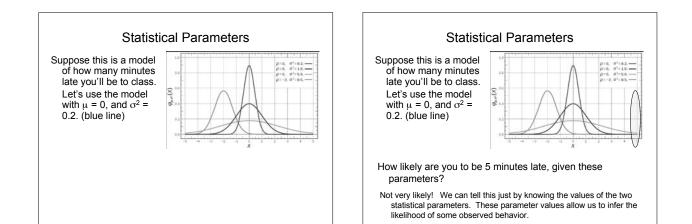




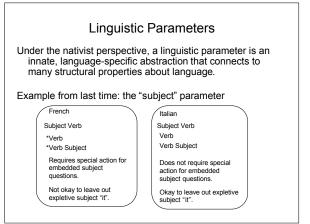
Language Variation: Summary

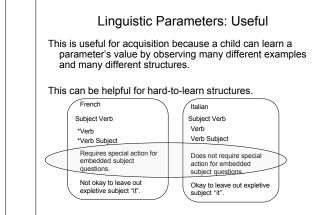
- While languages may differ on many levels, they have many similarities at the level of language structure (syntax). Even languages with no shared history seem to share similar structural patterns.
- One way for children to learn the complex structures of their language is to have them already be aware of the ways in which human languages can vary. Nativists believe this is knowledge contained in Universal Grammar. Then, children listen to their native language data to decide which patterns their native language follows.
- Languages can be thought to vary structurally on a number of linguistic parameters. One purpose of parameters is to explain how children learn some hard-to-notice structural properties.
- But what are linguistic parameters really? How do they work? What exactly are they supposed to do?

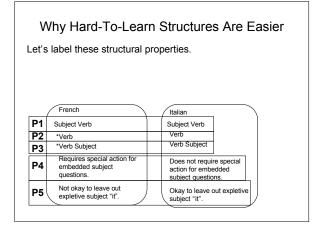


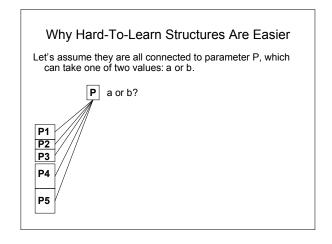


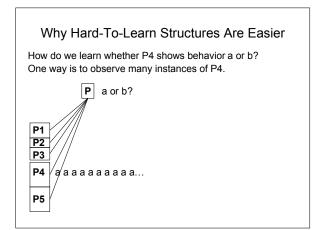
If we know the values of these parameters, we can make predictions about the likelihood of data we rarely or never

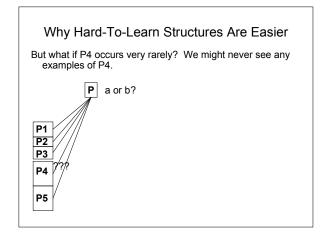


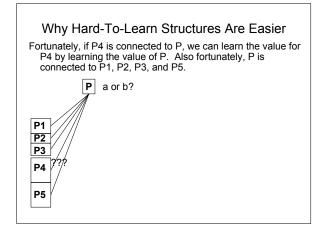


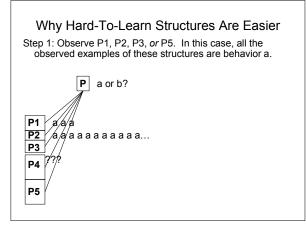


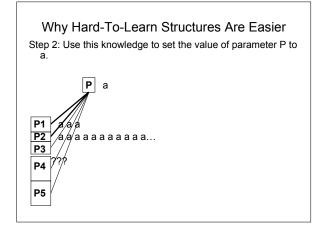


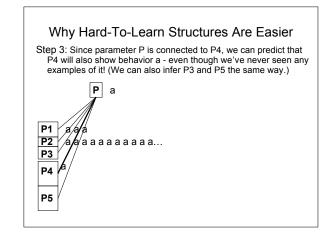


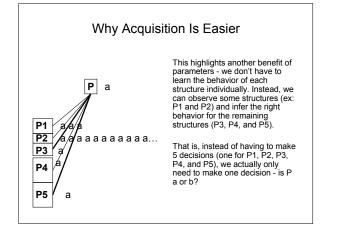












What are some real parameters?

Morphology: the Compounding parameter (Snyder 1995, 2001, 2002)

English is +compounding: "banana box" = box that holds bananas

Spanish is -compounding: * "caja banana", "banana caja" ≠ box that holds bananas

What are some real parameters?

Morphology: the Compounding parameter (Snyder 1995, 2001, 2002) - connected property: transitive resultative

English is allows transitive resultative constructions: John <u>beat</u> the iron <u>flat</u>.

Spanish does not allow transition resultative constructions: Juan <u>golpeó</u> el hierro (*<u>plano</u>). John beat the iron *flat*

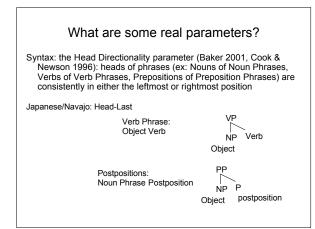
What are some real parameters?

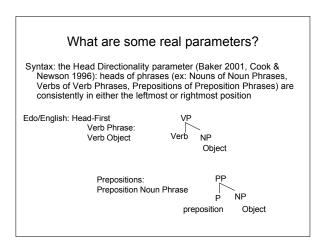
Morphology: the Compounding parameter (Snyder 1995, 2001, 2002)

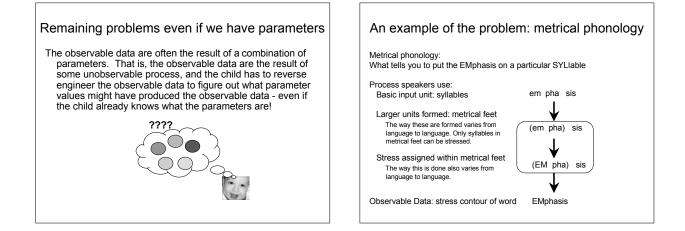
- connected property: transitive resultative
- connected property: separable particle

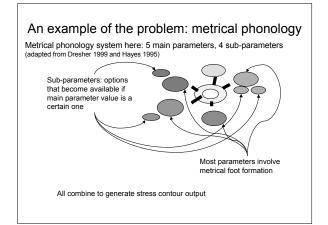
English allows separable particle constructions: Mary <u>lifted</u> the box <u>up</u>.

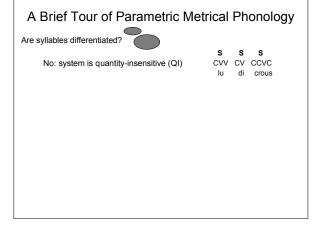
Spanish does not allow separable particle constructions: María <u>levantó</u> la caja (*<u>arriba</u>). Mary lifted the box *up*

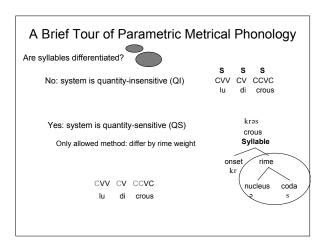


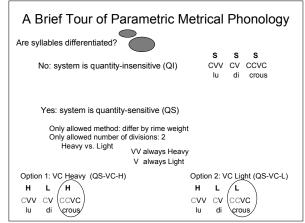


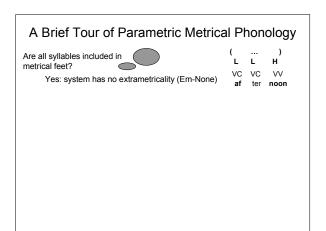


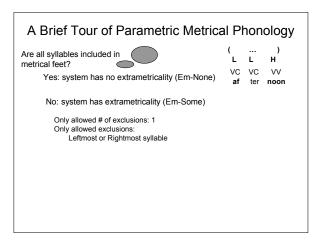


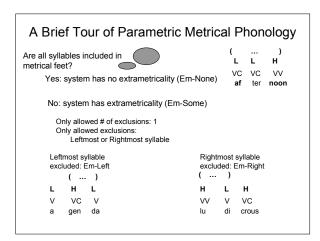


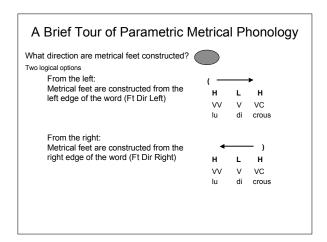




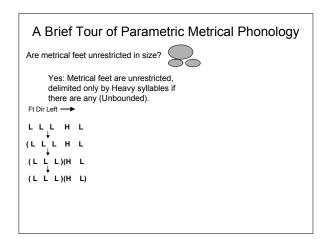


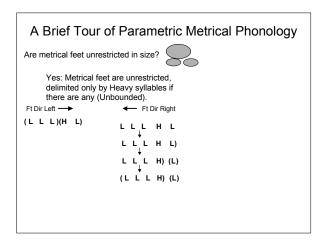


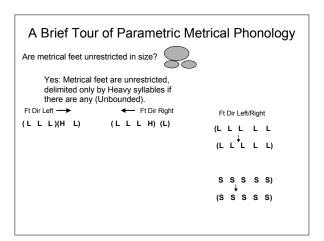


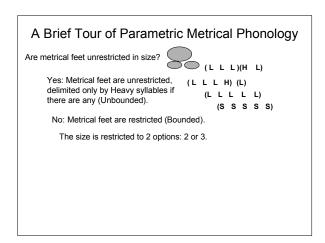


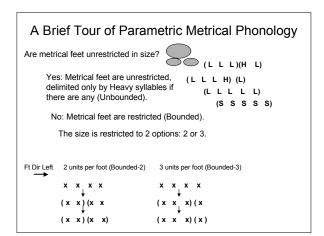
A Brief Tour of Parametric Metrical Phonology
Are metrical feet unrestricted in size?
Yes: Metrical feet are unrestricted, delimited only by Heavy syllables if there are any (Unbounded).

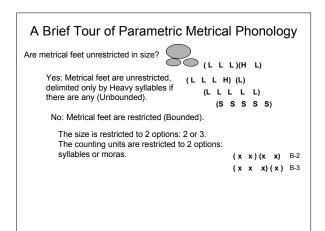


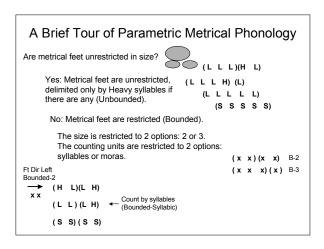


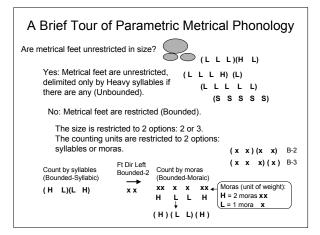


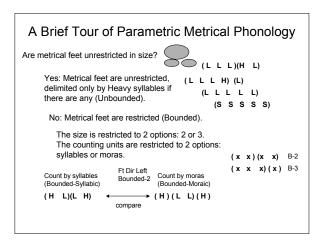


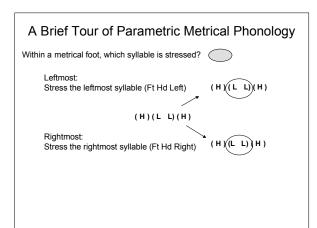


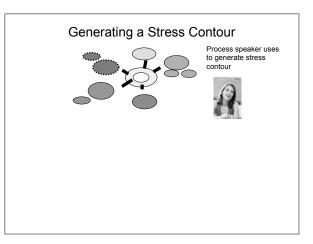


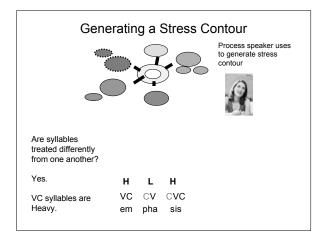


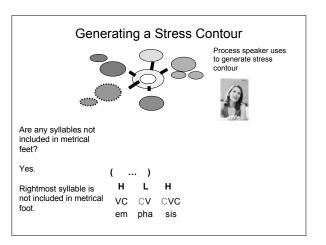


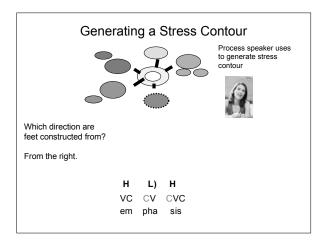


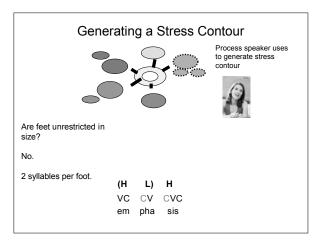


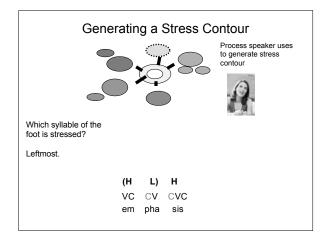


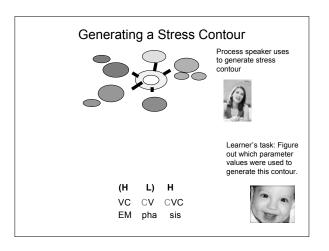


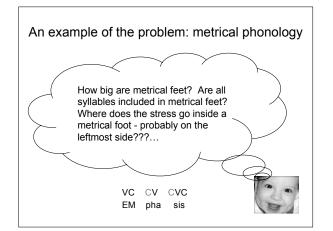


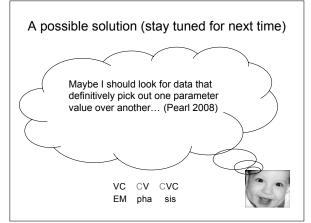












Summary: Linguistic Parameters

Linguistic parameters are similar to statistical parameters in that they are abstractions about the observable data. For linguistic parameters, the observable data are language data.

Parameters make acquisition easier because hard-to-learn structures can be learned by observing easy-to-learn structures that are connected to the same parameters.

Still, even with parameters, acquisition can be hard because a child has to figure out which parameter values produce the observable data, which isn't always easy.





Be working on structure review questions