

## A Typology of Morphological Segment Zero Alternations

- Each session, I'll give you a data set for the next
- I'll link you to a standard paper on the phenomenon (if there is one)

### 1. **Modularity:** Untangling morphological and phonological aspects of an analysis?

#### **Bilbao Spanish** participles

Segment-zero with phonological and morphological ingredients.

#### **Galician** articles

Why do phonological rules look morphologically distributed?

#### **Basque** participle

Should class features be linguistic objects in a generative architecture?

How do we decide what is in a root? Is it necessarily the smallest variant of the allomorphs?

Should we have module defying rules or slightly more complex representations?

### 2. **Lardil** case allomorphy

Morphology or phonology

Stratal or flat?

Floating segments of root (morpheme structure constraint)

Floating segment affixes

Domain finality

### 3. **Haitian** nasal harmony counterfeeding and allomorphy

Optional regressive nasal harmony blocked by... nothing?

Empty structure is lexically part of exponents

Epistemologically coherent analysis

Segment alternations and splitting CV\_C and CV\_#

Floating root-final Cs

4. **Rotuman** 'phase' allomorphy

Domain-final and non-domain final  
Floatingness segments in roots  
Empty affixes  
Compound specific phonology  
Empty onset/Metathesis

5. **Ik** case allomorphy

Domain-final and non-domain final  
Vowel devoicing as deletion  
Empty skeletal structure (onset parameter)  
Floating consonant in affix  
Deaffrication (NOM and INS)

6. **Afar** noun classes

Decompositional analysis of roots and affixes  
Root classes final empty structure  
Floating segments  
Affixes with floating segments/structure  
Analysis without root classes

7. **Malagasy** morphological syllable-zero alternation

Complex stress pattern  
Weak syllables as floating syllables  
Root-compounding in Malagasy  
Morphologically-conditioned whole syllable loss as phonology  
Simple stress pattern