

**Right-dominant vs. left-dominant:** languages vary in whether the right node or the left node of the binary tree structure (the foot) is dominant.

**Bounded vs unbounded:** in bounded languages, main stress is located at a fixed distance from the (left or right) word boundary, secondary stresses are located at fixed intervals from other stresses. In unbounded stress systems, main stress cannot be located in this way; it is pulled towards heavy syllables.

**Left to right vs right to left:** languages with bounded stress systems may differ in whether foot construction starts at the right edge or the left edge of the word. There can be asymmetries (e.g. first, primary stress can be assigned on one edge, the other feet from the other edge).

**Quantity-sensitive vs. quantity-insensitive:** in one group of languages, the fact that a syllable is heavy or light does not influence the construction of feet. They are quantity-insensitive. In another group of languages, the internal structure of the syllable is taken into account: here, a weak node may not dominate a heavy syllable; they are quantity-sensitive.

**Extrametricality:** a particular phonological element (segment, prosodic unit) can be ignored during computation. This element is usually at an edge of a word (left, right) – e.g. word-final syllable, mora, consonant, etc.

### Stress in Pintupi

What is the stress pattern in Pintupi?

- a. [tʰá:]
- b. [mú.ŋu]
- c. [mú:.ŋu]
- d. [tʰán.pa]
- e. [ká.pa.li]
- f. [mí:ʰ.ma.nu]
- g. [ŋál.ku.nìn.pa]
- h. [pú.[iŋ.kà.la.tʰu]
- i. [tʰá.mu.lim.pa.tʰùŋ.ku]

- a. Is there evidence in the data that Pintupi may be quantity-sensitive?
- b. Draw brackets around the feet.
- c. What does the stress system look like according to the following parameters:
  - Left-dominant or Right-dominant
  - Feet from L-> R or from R-> L
  - Extrametricality yes/no

Data from Garawa

já .mi      pún.ɟa.la      wá.cim.pà.ŋu  
'eye'      'white'      'armpit'  
ká .ma.la.rìn.ɟi      já .ka.là.ka.làm.pa  
'wrist'      'loose'  
ŋán.ki.ri.kì.rim.pà.ɟi  
'fought with boomerangs'

Data from Hixkaryana

ĹL	toróno	<i>small bird</i>
ĹLL	atxówowo	<i>wind</i>
ĹLLL	nemókotóno	<i>it fell</i>
ĹHL	khanáníhno	<i>I taught you</i>
H́LLL	tóhkuryéhona	<i>to Tohkurye</i>