

# Claims

- 1) two levels of prosodic structure intonation unit (IU) intonational phrase (ip)
- 2) no (intonational) pitch accents for focus marking
- 3) right-headed vs. left-headed constructions/languages
- 4) metrical structure (lexical accent) only of secondary relevance for intonational structure

# and an unresolved question

What are the principles and constraints for segmenting intonation units into intonational phrases?





# Definition of the intonation unit (IU)

- interruption of rhythmic delivery/break: pause and/or anacrusis and/or lengthening of unit-final syllables
- 2) Intonation I: **reset of pitch level** (offset/onset phenomena, reset of declination)
- Intonation II: change of pitch at boundaries, especially if on unaccented syllable (boundary tones)

# A simple example from English

you see his hand sometimes at close up / (0.9) uh snatching the pears from the tree / (0.7) and you hear the sound really: strongly  $\setminus$  (0.4)

# Size of intonation units

- one-clause-at-a-time-hypothesis (Pawley & Syder 2000)
- > one new idea unit (Chafe 1994)

### Size of intonation units

Syntactically, the typical size of an IU tends to be a major phrase (maximal projection):

NP/DP, PP, clause/IP

Exception: particle, conjunction, fixed phrase

= regulatory units

# Regulatory intonation units

(Chafe 1994: 63f)

⇒ interactional/text structuring function

(A) ... Well, (regulatory)
(A) isn't she hèalthy? (substantive)
(B) ... Mhm, (regulatory)

other examples from English: and then, you know, let me see, oh, maybe, I think

# Intonation Unit (IU)

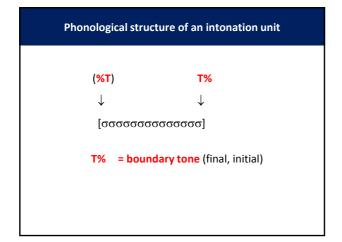
universal: functions and factors determining the size of IUs

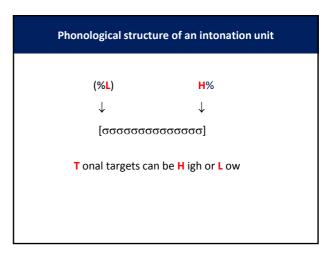
⇒ Levinson's (2006) *Human 'Interaction Machine'* 

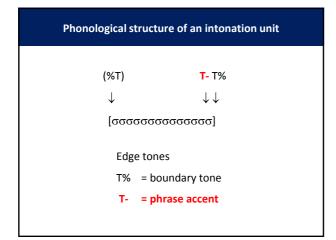
Not universal: **phonological structure** of IUs, in particular anything related to tone/the tonal marking of IUs and information structure ('focus')

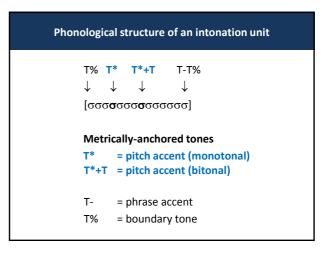
# Phonological structure of an intonation unit

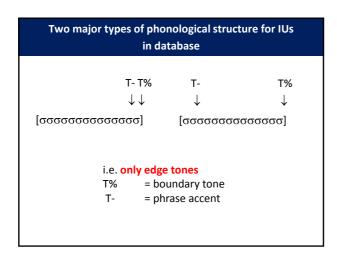
[ठठठठठठठठठठठठ] (final lengthening, pause, etc.)

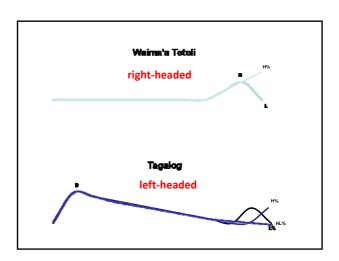


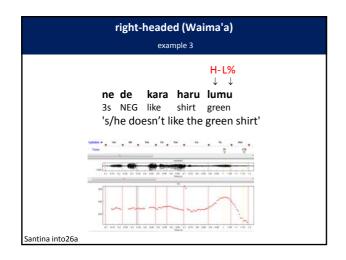


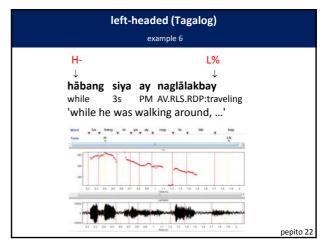


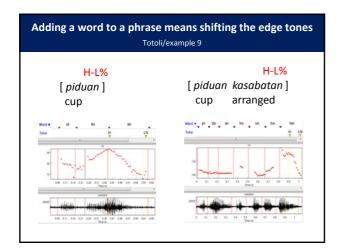


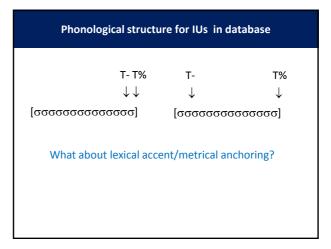


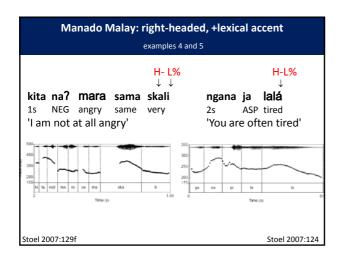


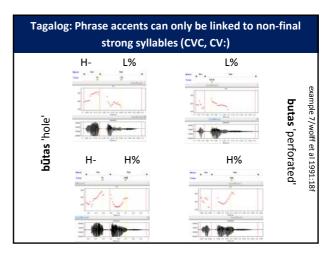


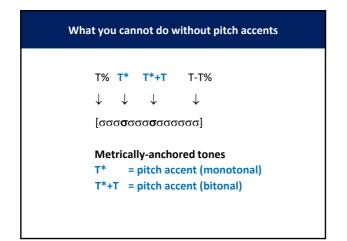


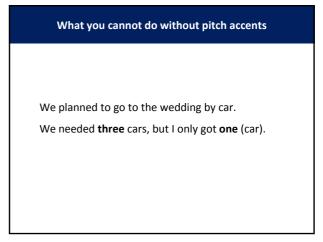


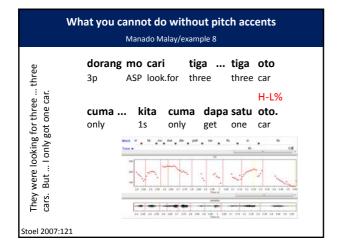


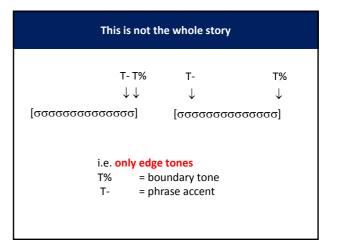


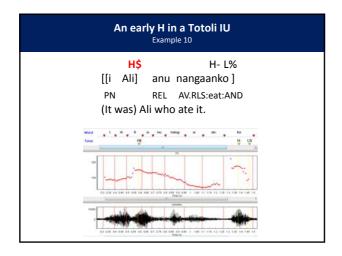


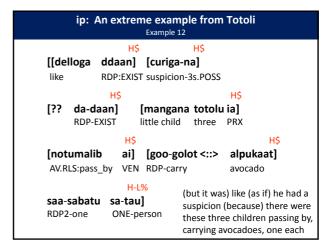


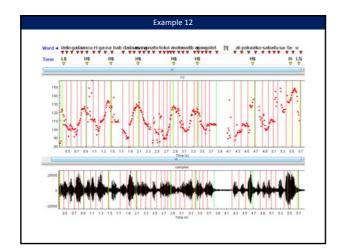


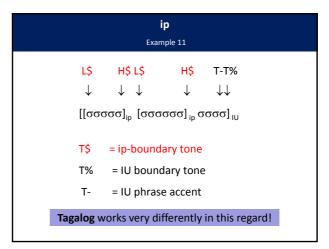


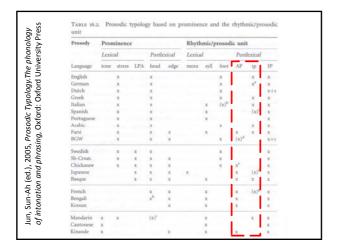










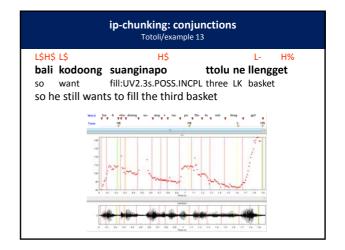


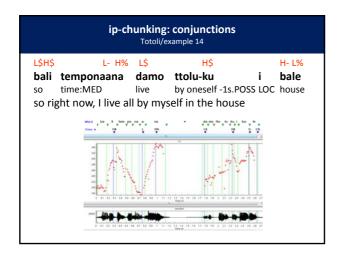
ip

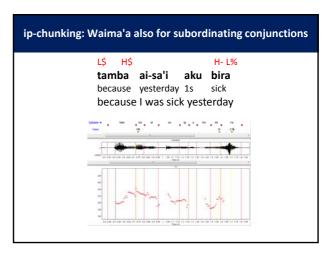
What are the principles and constraints for ip-chunking?

syntax? rhythm?

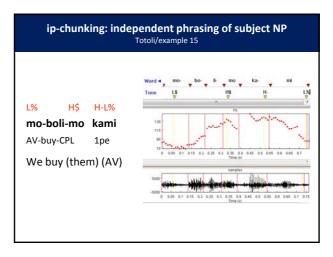
# ip-chunking: general trends Lexical items (excluding clitics and particles) per ip (impressionistic trends): Totoli: 2-3, 2 or more ip common Manado Malay: 2-3, 2 or more ip common Waima'a: 4-6 (-> serial verb constructions) more than 1 ip per IU not common Tagalog: ??, multiple ip common

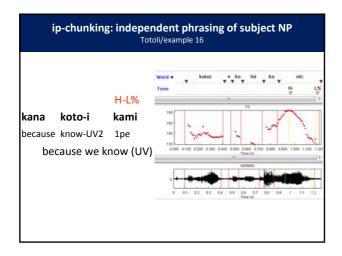


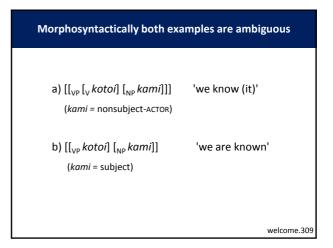


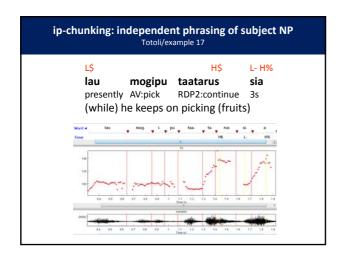












# Summary

- 1) two levels of prosodic structure: intonation unit (IU) and (optional) intonational phrases (ip)
- 2) no pitch accents for focus marking
- 3) right-headed vs. left-headed constructions/languages
- 4) metrical structure (lexical accent) only of secondary relevance for intonational structure
- 5) the languages differ significantly in how IUs are segmented into ip, with implications for syntactic analysis and historical developments