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Cue weighting after a tone-split in Tamang (Tibeto-Burman, Nepal) A perception study of stop initial words

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- In perception of high vs. low tones in Risiangku Tamang:
- F0 (the new cue): most important, main component of the tone
- If we consider markedness for redundant cues:
- modal phonation signals H tone, while breathy is unmarked
- Ci prevoicing signals L tone, while Ci voicelessness is unmarked

loss of oldest cue after phonologization is production-driven: similar pattern observed in Afrikaans (Coetzee et al. 2018) and in Dutch (Pinget 2015): (some) speakers who devoice in production still use Ci voicing in word identification

modal

(H1-H2 = 2.5dB)

breathy

(H1-H2 = 7dB)

super breathy

(H1-H2 = 12dB)

•rising

(+10 Hz)

•falling

(-20 Hz)

•rising

(+ 5 Hz)

•falling

(-15 Hz)

•115 Hz

•130 Hz

•145 Hz

•160 Hz

•yes

•no