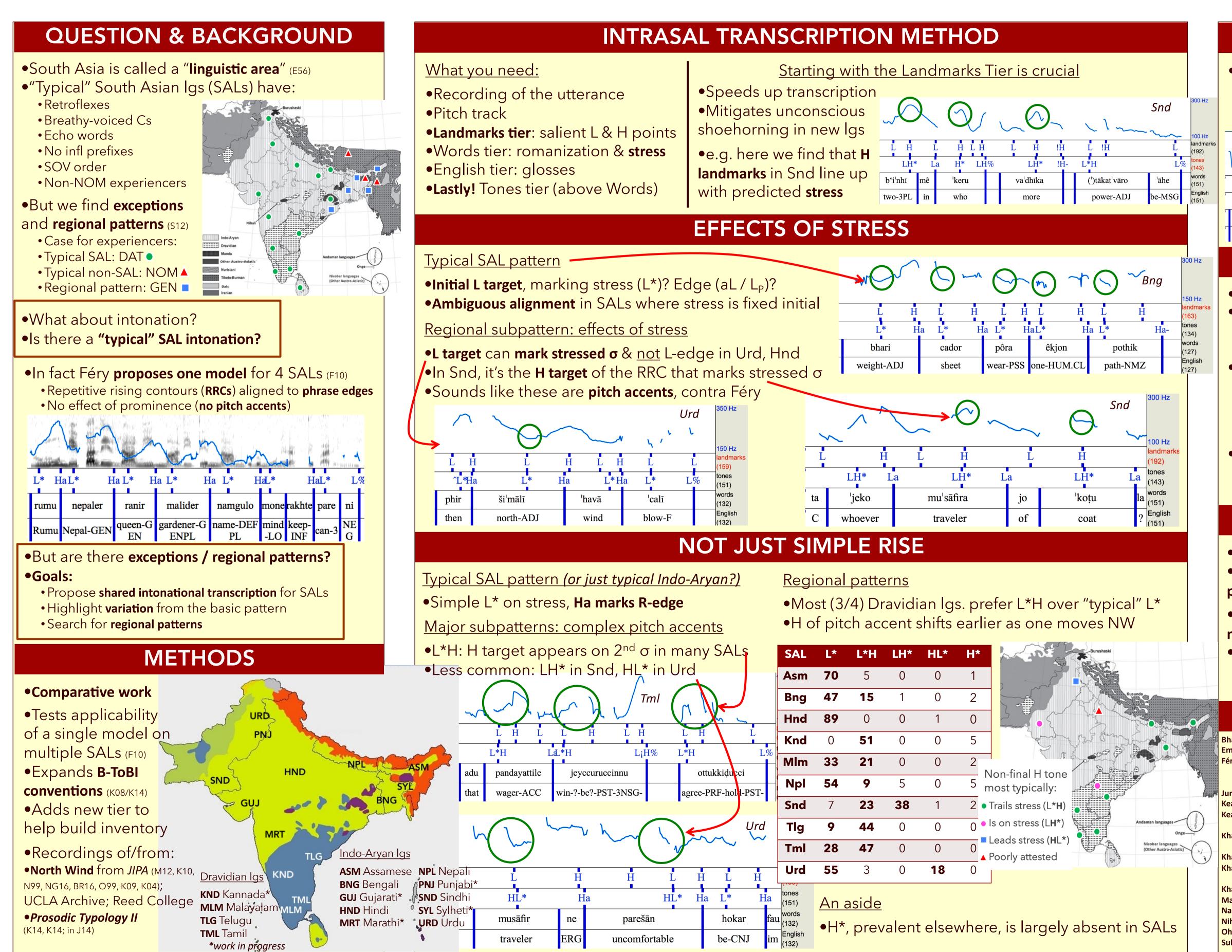
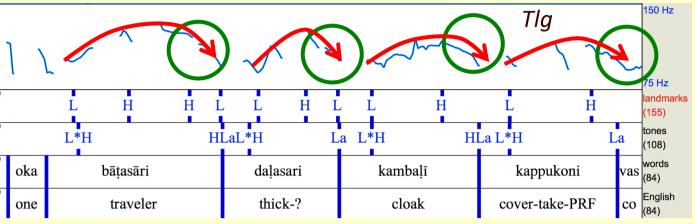
InTraSAL: AN INTONATIONAL MODEL FOR SOUTH ASIAN LANGUAGES

SAMEER UD DOWLA KHAN, REED COLLEGE ICPHS SATELLITE WORKSHOP ON THE INTONATIONAL PHONOLOGY OF TYPOLOGICALLY RARE OR UNDERSTUDIED LANGUAGES, 4 AUGUST 2019



EFFECTS OF LENGTH

- Data suggests an effect of V length in Tlg
 - APs generally end in Ha (after L*) or La (after L*H)
 - La \rightarrow HLa when a long V is near AP-R-edge
 - Added H attracted to V length?



SUMMARY

•So... is there a typical SAL intonation?

- •In some ways, **yes**:
- RRCs based on sequences of L → H
- •One target is arguably sensitive to stress

•But there are major systematic variations:

- Whether **stress** can attract T* away from AP's L-edge
- Whether the **H aligns** after, on, or before stress
- Whether there are 2, 3, or 4 tones in an AP
- Whether vowel length plays a role

Many of these patterns are regional

- Simpler APs as one moves north and east
- Earlier H alignment as one moves north and west

FURTHER QUESTIONS

- •How variable are these stress & length effects?
- •How specific are these patterns to individual **people or styles**, rather than languages?
- •Currently transcribing non-*JIPA* recordings of **more SALs**: Guj, Knd, Mrt
- •Plan to compare with **SALs w/ lexical tone**: Pnj, Syl
 - At the moment: words in isolation
- North Wind recordings to come

REFERENCES

Bhaskararao, Peri; Ray, Arpita. 2016. Telugu. JIPA.

Emeneau, M. B. 1956. India as a linguistic area. *Language* 32 (1), 3–16.

Féry, Caroline. 2010. Indian languages as intonational 'phrase languages'. In: Hasnain, Imtiaz; Chaudhury, Shreesh (eds). *Problematizing Language Studies. Festschrift for Rama Agnihotri*. Delhi: Aakar, 288-312.

Jun, Sun-Ah. 2014. Prosodic Typology II: the Phonology of Intonation and Phrasing. Oxford UP. Keane, Elinor. 2004. Tamil. JIPA 34(1), 111-116.

Keane, Elinor. 2014. The intonational phonology of Tamil. In Sun-Ah Jun (ed.). *Prosodic Typology II: the Phonology of Intonation and Phrasing.* Oxford UP.

Khan, Sameer ud Dowla. 2008. Intonational phonology and focus prosody of Bengali. PhD

Khan, Sameer ud Dowla. 2010. Bengali (Bangladeshi standard). *JIPA* 40(2), 221-225.

Khan, Sameer ud Dowla. 2014. The intonational phonology of Bangladeshi Standard Bengali. In Sun-Ah Jun (ed.). *Prosodic Typology II: the Phonology of Intonation and Phrasing*. Oxford UP. Khatiwada, Rajesh. 2009. Nepali. *JIPA* 39(3), 373-380.

Mahanta, Shakuntala. 2012. Assamese. *JIPA* 42(2), 217–224.

Namboodiripad, Savithy; Garellek, Mark. 2016. Malayalam (Namboodiri dialect). *JIPA*.

Nihalani, Paroo. 1999. Sindhi. *Handbook of the IPA*. Cambridge University Press, 131–134.

Ohala, Manjari. 1999. Hindi. *Handbook of the IPA*. Cambridge University Press, 100–103.

Subbārāo, Kārumūri Venkata. 2012. *South Asian languages: a syntactic typology*. Cambridge UP.