

Syntactic Limits on Phonological Dominance

Jonathan David Bobaljik (Harvard)
joint work with Paula Fenger and Maria Kouneli

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- (1) recessive: {i,e,u} isx-enk laχsxχ-ank esx-ank-onj [Itelmen]
dominant: {e,a,o} father-LOC mother-LOC father-LOC-DAT
- xi-k'isx-q xe-kt-a-q
very-dry-adv very-strong-adv

- (2) [Kipsigis] Vowels

[+ATR]: /i,e,a,o,u/
[-ATR]: /ɪ,ɛ,a,ɔ,ʊ/

- (3) /ka-ɔ-tfam/ → kaɔtfam
PST-2PL-love

- (4) /ŋo:k-i/ → ŋo:gi
dog-DEM

- (5) /ka-ki-pet/ → kaɣibet
PST-1PL-get.lost

- (6) /a-tfam-e/ → aɣame
1SG-love-IPFV

- (7) a. NoDomPref: No prefixes in D-R VH systems are dominant (Hall et al., 1974; Baković, 2000; Moskal, 2015)
- b. Our proposed alternative: NoDomHigh (cf. Newell, 2008; Fenger, 2020; Kiparsky, 2023)
Aspect as domain (Aelbrecht, 2010; Ramchand & Svenonius, 2014; Wurmbrand, 2014; Fenger, 2020)

- (8) a.
-

- (9)
- | | high
INFL | low
DERIV | ROOT | low
DERIV,ASP | high
INFL |
|---------------|--------------|--------------|------|------------------|--------------|
| prefix-suffix | ✗ | ✗ | | ✓ | ✓ |
| high-low | ✗ | ✓ | | ✓ | ✗ |

- Certain phonological properties fixed on first cycle
- Cannot be subsequently over-written
- Not reversible *NoDomLow

- (10) The Kipsigis (Kalenjin) verb (Toweett, 1979, Kouneli FieldNotes)

	INFL	DERIV	ROOT	DERIV	INFL ASP AGR
DOM	∅	∅		n = 4 APPL, AP VENT, PL	n = 1 ∅
REC	n = 9 PST(3) NEG(1) AGR(5)	∅(+1?)		n = 8 ASS, MOT(2), ITER INSTR, INCH, MID STAT, CAUS	∅ n = 1 AGR

(11) The Diola-Fogny verb (Sapir, 1965; Casali, 2018)

A stratal-OT account of NoDomHigh (Kipsigis)

	/a-[tʃam-e] _{stem} /	ID-STEM[ATR]	*[αATR][−αATR]	MAX[+ATR]	IDENT[ATR]
(19)	a. a-tʃam-e		*!		
	b. a-tʃam-ε			*!	*
	c. a-tʃam-e				**

	*/a-[tʃam-ε] _{item} /	ID-STEM[ATR]	*[αATR][−αATR]	MAX[+ATR]	IDENT[ATR]
(20)	a. a-tʃam-ε		*!		
	b. a-tʃam-ε			*	*
	c. a-tʃam-e	*!			**

- After the first cycle (stem), all affixes will behave as if recessive, regardless of underlying form

Inner Domain: Stem or Phase or something else?

- Stem = Root + first affix; Kiparsky's examples reverse after first affix.
- Phase = Inner Domain may be more complex

Not just first affix, or even stem-formative

- (21) a. /umk-čəku-ɣtə/ → omk-əčək-o-ɣtə [Chukchi]
 $\sqrt{\text{bush}}$ -INESS-ALL
 'into the bushes' (Dunn 1999:283)
- b. /n-ine-n-req-ew-mɣo-qin/ → n-ena-n-raq-aw-əmyo-qen
 HAB-TR-CAUS- $\sqrt{\text{do.sth}}$ -V-STEM-INCH-3SG
 'he started to do something' (Dunn 1999:89)

Nouns (and adjectives)

- (22) If anything, noun stem is smaller than verb stem. "Nouns, being free forms, are inherently stems. (K)"
- | | | |
|------------|-----------------|----------------|
| verb | verb + 2 | noun |
| /kiji-rnu/ | /wanti-mi-juku/ | /maliki-kurlu/ |
| kuju-rnu | want-mi-jiki | maliki-kirli |
| regressive | progressive | progressive |

- (23) But in Chukchi, Kipsigis, N,A harmony domain is larger than in V

- | | |
|---|--|
| a. <i>Associative circumfix in Chukchi</i>
/ɣe-kʔeli-ma/ → ɣakʔalema
ASS-hat-ASS
'with a hat' (Dunn 1999:332) | c. <i>Kipsigis Adjective</i>
/mʊgʊl-ɛ:n/ → mugule:n
round-PL |
| b. <i>Case stacking in Chukchi</i>
/umk-čəku-ɣtə/ → omk-əčək-o-ɣtə
$\sqrt{\text{bush}}$ -INESS-ALL
'into the bushes' (Dunn 1999:283) | d. <i>Kipsigis participle</i>
/ja:t-a:t-i:n/ → ja:t-a:t-i:n
open-PTCP-PL |

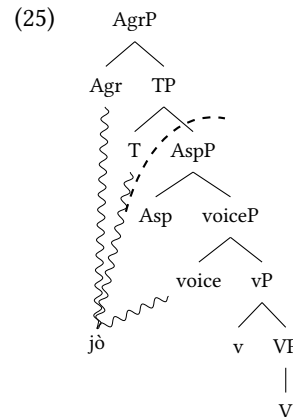
- Tentative argument for phase approach: less evidence for intermediate phase in N,A vs. V
- Verbal Domains conference: <https://blogs.ncl.ac.uk/verbal-domains/>

Outstanding issues

1. ... Tense fusional morphemes (Karimojong)
2. ... Agreement(?) in verbs (Turkana)
3. ... Tense in simple verbs (Nez Perce)
4. ... Affixes with variable behaviour (Kipsigis ventive)
5. ... Also: reports of prefixes that are dominant with function words or numerals (summary in Moskal, 2015), but not part of harmony with lexical roots.
6. ... Larger issues: Conflicting syntactic diagnostics for domains (phaseology)
7. ... Why DR harmony, but not (all) other processes
- high dominant OK in tone, stress

Dominant TAM marker at right-edge [Karimojong]

- (24) ε-to-dón-an-akín-jò
3S/P-CAUS-pinch-FREQ-DAT-PASS.PRS.3S/P
(Lesley-Neuman, 2007, p.16)



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