

Marantz (1982)

Jochen Trommer
University of Leipzig

<http://www.uni-leipzig.de/~jtrommer>
jtrommer@uni-leipzig.de

Reduplikation, Universität Leipzig

October 12, 2006

Agta Plurals

takki	'leg'	tak -takki	'legs'
bari	'body'	bar -bari-k kid-in	'my whole body'
na-wakay	'lost'	na- wak -wakay	'many things lost'
mag-saddu	'leak'	mag- sad -saddu	'leak in many places'

Reduplication Algorithm

- 1 Affix CV-skeleton
- 2 Copy Base Melody
- 3 Associate Skeleton and Melody Copy
- 4 Delete Remaining Material

Step 1: Affix CV-skeleton

t	a	k	k	i	
C	V	C	C	C	→

C	V	C	+	t	a	k	k	i
				C	V	C	C	C

Step 3: Associate Skeleton and Melody Copy

t	a	k	k	i		t	a	k	k	i		
C	V	C		+		C	V	C	C	C		→

t	a	k	k	i		t	a	k	k	i	
C	V	C		+		C	V	C	C	C	

Step 4: Delete Remaining Material

t	a	k	k	i		t	a	k	k	i		→
C	V	C			+	C	V	C	C	C		

t	a	k				t	a	k	k	i
C	V	C			+	C	V	C	C	C

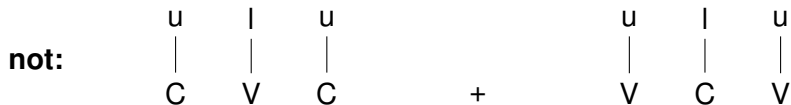
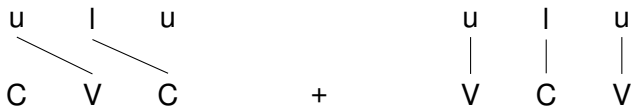
Association Conditions

- Condition A:** Elements containing [–syllabic] can only be linked to Cs
Elements containing [+syllabic] can only be linked to Vs
- Condition B:** Linking is always 1:1
- Condition C:** Preattached Features have Precedence
- Condition D-i:** Linking is leftmost - right or rightmost -left
- Condition D-ii:** Linking is ‘phoneme-driven’

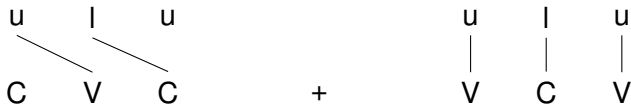
More Agta data

takki	'leg'	tak- takki	'legs'
uffu	'thigh'	uf- uffu	'thighs'
ulu	'head'	ul- ulu	'heads'

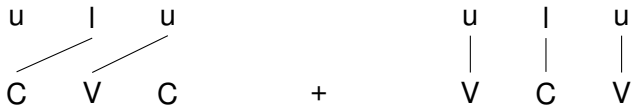
Condition A: [-syllabic] → C, [+syllabic] → V



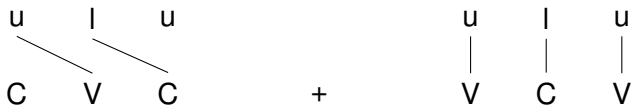
Condition D-i: Linking is leftmost-right or rightmost-left



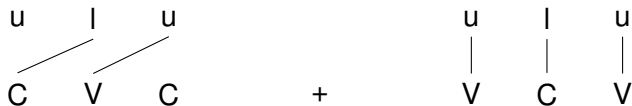
not:



Condition D-ii: Linking is phoneme-driven



not:



Condition B: Linking is always 1:1

t	a	k	k	i	+	t	a	k	k	i
C	V	C				C	V	C	C	C

not:

t	a	k	k	i	+	t	a	k	k	i
			↙							
C	V	C				C	V	C	C	C

Yoruba Reduplication with Fixed Segmentism

Verb

lo	'to go'
dùn	'to be tasty,sweet'
gbóná	'to be warm,hot'
dára	'to be good'

Nominalization

li-lo
dí-dùn
gbí-gbóna
dí-dara

Condition C: Preattached Features have Precedence

$$\begin{array}{cc}
 | & o \\
 | & \\
 C & V \\
 & | \\
 & i
 \end{array}
 +
 \begin{array}{cc}
 | & o \\
 | & | \\
 C & V
 \end{array}$$

not:

$$\begin{array}{cc}
 | & o \\
 | & | \\
 C & V \\
 & \\
 & i
 \end{array}
 +
 \begin{array}{cc}
 | & o \\
 | & | \\
 C & V
 \end{array}$$

Dakota Right-to-left Reduplication

Verb

haska	‘be tall’
čoka	‘be empty’
uspe	‘learn’
škokpa	‘be hollowed out’
ia	‘speak’

Plural

haska- ska
čoka- ka
uspe- spe
škokpa- kpa
ia- a