Overapplication/Underapplication in Raimy (2000)

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November 24, 2006

The Uniformity Parameter

"The Uniformity Parameter determines whether a rule requires all environments that segment appears in to satisfy the structural description of the rule or if only a single environment is sufficient to trigger the rule.

All rules will have this parameter set to either **on** which requires all enviroments be uniform to trigger the rule or **off** which only requires a single instance of a triggering environment to be present." (Raimy, 2000:20)

Uniformity Parameter off

| **Uniformity Parameter** | 👎 |

$a \rightarrow b /$ _____ c

Input	**Output**
a $\rightarrow$ c $\rightarrow$ c	**b** $\rightarrow$ c $\rightarrow$ c
a $\rightarrow$ c $\rightarrow$ d	**b** $\rightarrow$ c $\rightarrow$ d

Uniformity Parameter on

Uniformity Parameter 👍

$a \rightarrow b / \underline{\qquad} c$

Input	Output
a ⟨ c / c	**b** ⟨ c / c
a ⟨ c / d	a ⟨ c / d

Nasal-Streuung in Malay

	Stamm	**Redupliziert** ‖	
a.	hamə̃	hãmə̃-hãmə̃	'germs'
b.	waŋĩ	w̃ãŋĩ-w̃ãŋĩ	'fragrant'
c.	aŋẽn	ãŋẽn-ãŋẽn	'unconfirmed news'

Reduplikation in Malay

| **Grundform:**	# ⟶ w ⟶ a ⟶ ŋ ⟶ i ⟶ %
Readjustment:	# ⟶ X · · · X ⟶ %
Ergebnis:	# ⟶ w ⟶ a ⟶ ŋ ⟶ i ⟶²⟶ %
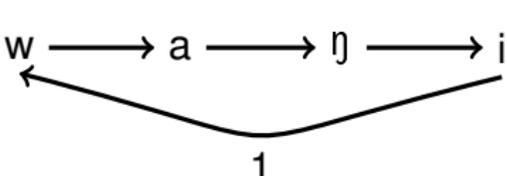
Nasal-Streuung in Malay I
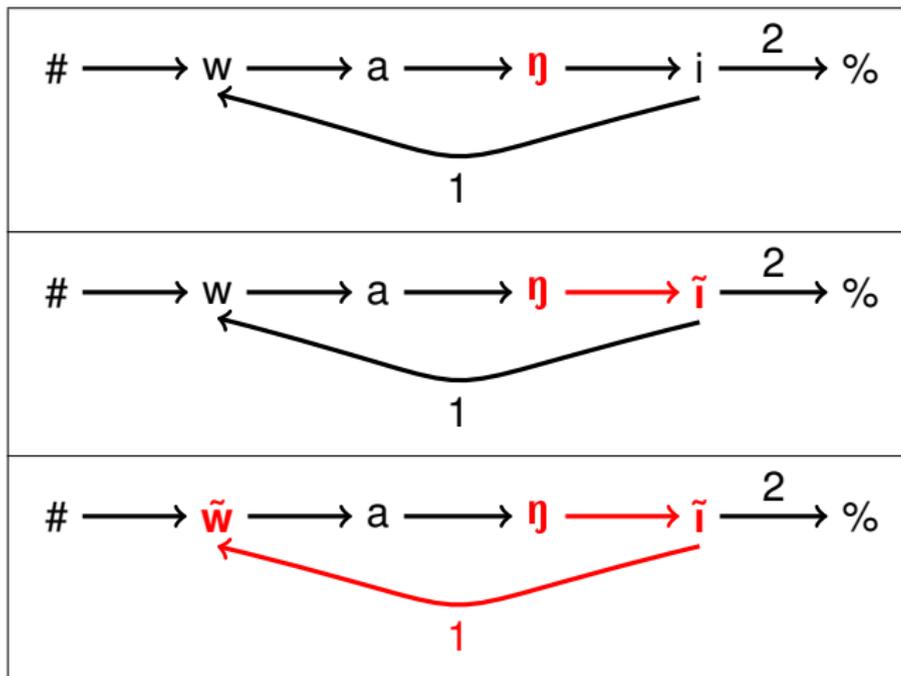
Nasal-Streuung in Malay II
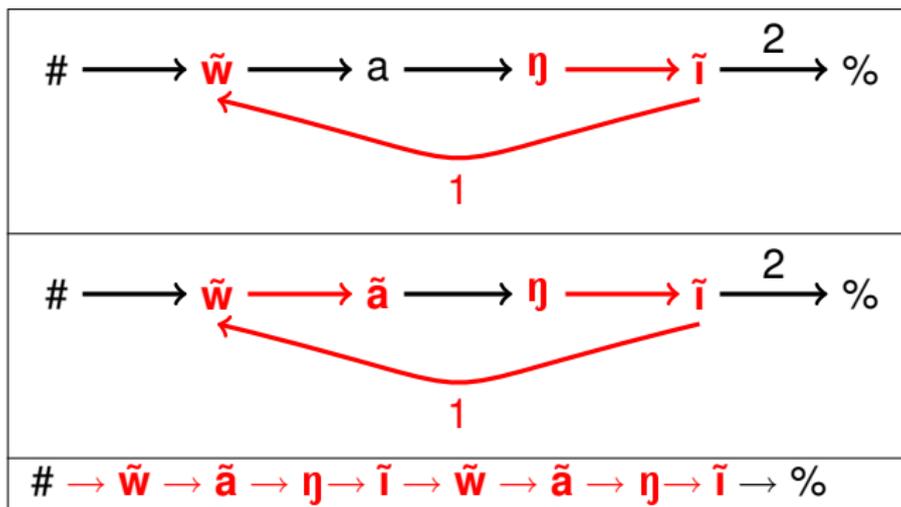
Nasalstreuung und Uniformity

Rule:	Spread [+nasal] to a [-consonant] sound from a preceding [+nasal] sound
Uniformity Parameter:	👎
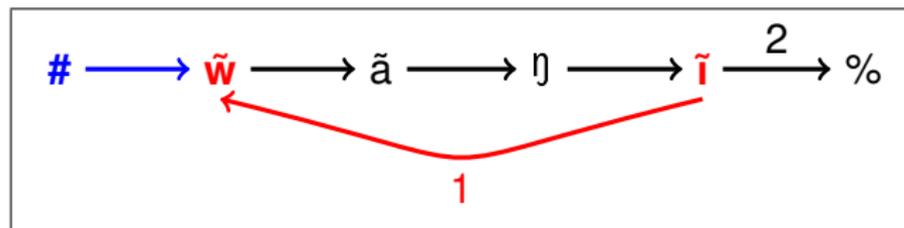
Palatalization in Akan

tɕɛ   ***k**ɛ   'divide'

dʑe   ***g**e   'receive'

ɥi   ***w**i   'nibble'

çi   ***h**i   'border'

ɲɥĩn   ***ŋw**ĩn   'weave'

No **dorsal** consonants before front, non-low vowels

Underapplication in Reduplication

kɪ-**k**aʔ   ***tɕ**ɪ-**k**aʔ   ***tɕ**ɪ-**tɕ**aʔ   'bite'

hɪ-**h**awʔ   ***ç**ɪ-**h**awʔ   ***ç**ɪ-**ç**awʔ   'trouble'

Akan in Raimy (2000)

Rule:	Spread [KORONAL] from a [-low -back] vowel to a preceding obstruent
Uniformity Parameter:	☞

⟶ k ⟶ **ɛ** ⟶ %
⟶ **tɕ** ⟶ **ɛ** ⟶ %

Akan in Raimy (2000)

Rule:	Spread [KORONAL] from a [-low -back] vowel to a preceding obstruent
Uniformity Parameter:	on

Palatalization in Accidentally Uniform Environment

dʑɪ-**dʑ**e   ***g**i-**g**e   'receive'

tɕɥi-**tɕɥ**eʔ   ***kw**i-**kw**e   'cut'

Palatalization in Accidentally Uniform Environment

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