

Somali

Due: 11/5/2008

1 Instructions

Assume that the data above is representative — that is, assume that the same patterns (maybe among others) would be found in a larger data sample, with few exceptions.

State the generalizations that you observe in the data and provide an analysis that accounts for these generalizations which includes:

1. underlying representations for all roots and affixes and justification for those choices
2. rules and rule-orderings that are required to map all of the proposed underlying forms to the correct surface forms, and justification for those choices; and
3. example derivations that show the necessity of the proposed rules and rule-orderings.

Formulate the rules with phonetic features (but feel free to use abbreviations such as C, V, etc.).

Transcription: Standard IPA. Note that [ː] marks length for both consonants and vowels.

2 Data

Nominal inflectional paradigms (Declensions 1 and 3)

singular	singular definite	plural	gloss
da:r	da:rta	da:ro	'stone house or building'
bil	bifa	bilo	'month'
da:m	da:nta	da:mo	'riverbank'
sa:m	sa:nta	sa:mo	'hide'
me:l	me:fa	me:lo	'place'
bad	bada	bađo	'sea'
fi:d	fi:da	fiđo	'person'
fe:ɖ	fe:ɖa	fe:ɖo	'rib'
ul	uʃa	ulo	'stick'
ge:s	ge:sta	ge:so	'side'
lug	lugta	luɣo	'leg'
mindi		mindijo	'knife'
sab	sabta	saβo	'outcast'
digsi		digsijo	'pots'
la:n	la:nta	la:mo	'branch'
sin	sinta	simo	'hip'
dan	danta	dano	'affair'
nirig	nirigta	nirgo	'baby female camel'
gaβaɖ	gaβaɖa	gabɖo	'girl'
gaʃan	gaʃanta	gaʃmo	'arm'
hoɣol	hoɣoʃa	hoglo	'downpour'
baɣal	baɣaʃa	baglo	'mule'
waħar	waħarta	waħaro	'female kid'
kefed	kefeda	kefeđo	'pan'
fi:lin	fi:linta	fi:lino	'female dwarf'
bohol	bohoʃa	boholo	'hole'
kali:l	kali:ʃa	kali:lo	'summer'
sun	sunta	sumo	'poison'
na:g	na:gta	na:ɣo	'woman'
tib	tibta	tiβo	'pestle'

Verbal inflectional paradigms

3sg.masc.	3sg.fem.	1pl.	gloss
dilaj	difaj	dil:aj	'kill'
qoslaj	qosofaj	qosol:aj	'laugh'
hadlaj	hađafaj	hađal:aj	'talk'
ganaj	gantaj	gan:aj	'aim'
tumaj	tuntaj	tun:aj	'hammer'
suyaj	sugtaj	sugnaj	'wait'
kaβaj	kabtaj	kabnaj	'fix'
siđaj	sidaј	sidnaj	'carry'
argaj	aragtaj	aragnaj	'see'
gudbaj	guđubtaj	guđubnaj	'cross river'