

(1) Homework 1

- *Erratum*. Voicing is a glottal state, not a manner of articulation — my bad.
- *Next time*: (a) Be more careful! (b) More space for comments? (c) Include TA, section time.
- *Transcription checklist*. **TRILLS ASPIRE TO BE SILLY DRESSES** → Use [ɹ], [tʰ], [ŋ] and [strés]

(2) *Daga* (New Guinea) — Nathan (2008), *Phonology: A cognitive grammar introduction* (p. 41)

Are the sounds [s t] separate phonemes or allophones in the data below?

If phonemes, list (near) minimal pairs; if allophones, state the conditioning environments.

- | | | | |
|--------------|------------------|-----------|-----------|
| a. jamosivin | 'I am licking' | b. simura | 'whisper' |
| c. jamotain | 'they will lick' | d. out | 'little' |
| e. asi | 'grunt' | f. topen | 'hit' |
| g. anet | 'we should go' | h. use | 'there' |
| i. senao | 'shout' | j. tave | 'old' |
| k. urase | 'hole' | l. siuran | 'salt' |
| m. sinao | 'drum' | n. tuian | 'I kill' |
| o. wagat | 'holiday' | | |

(3) *Maasai* (Nilotic: Kenya and Tanzania) — Hayes (2009), *Introductory Phonology* (pp. 37–43)

Are the sounds [k g ɣ] separate phonemes and/or allophones in the data below?

If phonemes, list (near) minimal pairs; if allophones, state the conditioning environments.

Note: [g d ɓ] are implosives (which are always voiced). [ɣ ɖ β] are voiced fricatives.

[g ɣ] are velar, [d ɖ] are alveolar, and [ɓ β] are bilabial.

- | | | | |
|-----------|----------------------|-------------|-------------------|
| a. ilarak | 'murderers' | b. kibiroɔo | 'stunted' |
| c. eŋgo: | 'advise him' | d. eŋɟirut | 'silent-feminine' |
| e. eŋgila | 'garment-diminutive' | f. ij:o:k | 'we' |
| g. koyo: | 'grandmother' | h. eŋoɣi | 'sin' |
| i. ilke:k | 'trees' | j. kaye | 'but' |
| k. diyai | 'elsewhere' | l. eŋgo: | 'small chest' |

Do [t d ɖ ð] and [p b ɸ β] follow the same pattern?

m.	dor:op	'short'	n.	pus	'light colored'
o.	embid̥ir	'female wart hog'	p.	olpul	'slaughtering place'
q.	enda:raða	'fight each other'	r.	imbok	'you clean ceremonially'
s.	endaraða	'thunder'	t.	imbok	'you detain'
u.	indai	'you-plural'	v.	keβer	'heaven'
w.	olta:	'lamp'	x.	imbayibak	'you are restless'
y.	tasat	'disabled'	z.	βaða	'dangerous'

Give derivations for (n) 'light colored', (z) 'dangerous', and (v) 'heaven'.

	(n) 'light colored'	(z) 'dangerous'	(v) 'heaven'
UR			
PR			

(4) Transcribe the following words in IPA.

- | | |
|-----------------|-------------------|
| a. luxury _____ | b. suggest _____ |
| c. singer _____ | d. strength _____ |
| e. whiter _____ | f. wider _____ |
| g. palm _____ | h. father _____ |
| i. cot _____ | j. caught _____ |
| k. cure _____ | l. poor _____ |
| m. syrup _____ | n. sir _____ |
| o. hero _____ | p. clear _____ |
| q. orange _____ | r. door _____ |
| s. hurry _____ | t. merry _____ |
| u. Mary _____ | v. marry _____ |