

Chumburung Tone Exercise 1

Phonetic Transcription of Chumburung Word List

Rationale and orientation

In order to analyze a language's tone system, it is, of course, necessary to transcribe the pitch of data. Data that have proven the most useful for beginning the analysis of tone are simply single words spoken in isolation. There is no particularly "magic" word list; any word list will suffice provided it is large enough and has an adequate variety of word types (e.g., nouns, verbs, etc.). Word lists that have gained common currency in the language family in question and/or in the region where the language is spoken can be very useful. Such word lists also often have the advantage of helping one to compare words that are cognate in other languages. So, in this exercise, you will transcribe the pitch of a word list that consists of 100 words. Since the focus of this exercise is on pitch transcription, the segmental transcription is provided.

As discussed in section 2.1.1 of Chapter 2, it is also important to be able to distinguish data that belong to different grammatical word categories. The data in these exercises include only nouns and verbs, so in this exercise, you will need to determine which words are nouns and which are verbs. (You will need access to the sound files for these exercises in order to do the transcription part of this exercise.)

Task(s)

Using whatever database you are employing for these exercises, open the appropriate database file for Exercise 1.

Do the following for each word in the database.

a) Pitch transcription of the word list (singular nouns and verbs)

Play the sound file for the word as many times as you like, and then accurately transcribe the pitch of the word using the pitch bar notation advocated in Chapter 1. Enter this transcription in the appropriate field of your database. Do not worry about how accurately you transcribe the height of the first pitch in any given word. The important thing is that all pitches that follow the first one be transcribed accurately relative to that first one. By way of illustration, some acceptable and unacceptable ways to transcribe the first word appear below. The segmental forms of the 100 words are provided at the end of these instructions, and the pitch of the first word is transcribed as an example.

Table 1. Acceptable and unacceptable ways to transcribe 001 'breast'

Ref.	Gloss	Singular Segments	Singular Pitch	Acceptability
001	breast	kɪŋapɔ	[- - \]	Correct
001	breast	kɪŋapɔ	[- - \]	Acceptable
001	breast	kɪŋapɔ	[- - \]	Acceptable
001	breast	kɪŋapɔ	[- - -]	Wrong
001	breast	kɪŋapɔ	[- - \]	Wrong
001	breast	kɪŋapɔ	[- - /]	Wrong

b) Assignment of grammatical categories to words

In the field of your database labelled “Category”, enter “N” for each noun and “V” for each verb. There are no other categories in the data you have been given. Again, the first one is filled in as an example.

For submission

Turn in a PDF of all data that is relevant for this exercise. This would include a pitch transcription of the word list (singular nouns and verbs) and the assignment of grammatical categories to words.

Chumburung Word List

Ref.	Gloss	Singular Segments	Singular Pitch	Grammatical Category
001	breast	kɪŋapɔ	[- - \]	N
002	nose	mɔrɔbɔ		
003	shoulder	kɪbaʔ		
004	hip	kɪlaŋ		
005	calf (of leg)	tʃɪpi		
006	heart	duŋ		
007	kidney	kitʃeʔ		
008	vein	kitʃini		

009	saliva (globule)	kut̃ɔnɪ		
010	phlegm (globule)	wɛʔ		
011	cough (n)	kɔwɔɪ		
012	sore	lɔ		
013	madness	ɪbɔŋ		
014	plan (n)	kik̃pini		
015	name (n)	kɪnɪ		
016	fellow wife	t̃ɟamɔna		
017	butcher (n)	naakɔsɪ		
018	proverb	kik̃pɪ		
019	market	kɪd̃ʒa		
020	farm (n)	kudɔʔ		
021	hat	kɪpɪ		
022	cloth	wad̃ʒa		
023	piece	kitɪŋ		
024	meat (chunk)	kijeʔ		
025	mortar	kɪpɪ		
026	clay bowl	d̃ʒɪ		
027	sack	bɔɪ		
028	basket	kike		
029	jug	kɪlɪŋ		
030	compound	lɔŋ		
031	shelter (n)	kɪd̃ʒɪŋ		

032	room	kɪtʃaŋ		
033	doorway	pɔni		
034	doorway covering	kusuŋ		
035	work (n)	kusuŋ		
036	needle	basa		
037	cutlass	kɪpaŋ		
038	bow (n)	kɪta		
039	throwing stick	k̄pɔraka		
040	fish dam	wuri		
041	debt	kɔkɔ		
042	paddle (n)	kɪbaŋ		
043	headpad	kɪkɛ?		
044	war	kɪma?		
045	cemetery	purek̄pa		
046	monkey	kɔti		
047	antelope	fɔri		
048	guinea fowl	tʃaŋ		
049	hawk	dapu		
050	snake	kɔwɔ		
051	python	kɪtʃa?		
052	lizard	keri		
053	oyster	kukutʃe		
054	louse	k̄pabu		

055	butterfly	buni		
056	horn	kutʃɔri		
057	hump (of cow)	kukɔŋ		
058	animal track	kɪbɔri		
059	feather	kiteʔ		
060	shell	kɪdʒafu		
061	nest	kɪsaʔ		
062	coconut palm	kube		
063	thorn tree	kuwiʔ		
064	thorn	wu		
065	grass	ɪfa		
066	cavity (in tree)	kulɔŋ		
067	seed	kɪdʒi		
068	bud	kɪfuri		
069	yam shoot	baʔ		
070	orange	kukuti		
071	rubber (globule)	kɪmaʔ		
072	path	kpa		
073	edge (n)	kɛʔ		
074	forest	kɪpu		
075	mountain	kɪbiʔ		
076	rock	kɪfuri		
077	stone	kibu		

078	pool	kɪpɑ̀ɾɪ		
079	river	bɔŋ		
080	cloud	kuwɔ̀ɾɪ		
081	see	ŋu		
082	hit	da		
083	twist	kiʔ		
084	eat	ḍʒi		
085	bite	duŋ		
086	cut	tɪŋ		
087	roast	tɔ		
088	fry	kɪʔ		
089	want	ḱpa		
090	get	ɲa		
091	lose	pɑŋ		
092	send	suŋ		
093	prevent	kuŋ		
094	hatch	bo		
095	chase	ḍʒa		
096	give	sa		
097	take	taʔ		
098	buy	sɔʔ		
099	bewitch	tʃɔ		
100	capsize	bɔŋ		