

APPENDIX A

PAYYAP UNIVERSITY

WORDLIST IN FULL SYLLABLE

The following table shows phonetic transcription of the wordlist of 397 vocabularies of selected four Bisoid speech varieties in full syllable.

No	Gloss	Bantang	Bisu	Cauho	Tsukong
1	elephant	ja ³³ ma ³³	hiə ³³ ja ³³ ba ³³	saŋ ³⁵	c ^h a ³³ ba ³³
2	tiger	ca ³³ la ³³	tɕa ³³ la ³³	t ^h a ³³ la ³³	c ^h a ³³ la ³¹
3	bear	k ^h am ³⁵	ʔa ³³ wam ³³	ʔam ³⁵	k ^h am ³⁵
4	deer	c ^h et ³⁵	ho ³³ poŋ ³¹	t ^h æt ³³	ho ³³ c ^h e ³³
5	monkey	miu ^{ʔ33}	ka ³³ səi ³¹	ʔa ³³ mo ^{ʔ35}	miu ³¹
6	gibbon	jo ^{ʔ31} na ^{ʔ35}	mæ ³¹ loŋ ³³	naŋ ³³ liŋ ³³	miu ³¹ p ^h u ³⁵
7	porcupine	ho ³³ c ^h u ³¹	ho ³³ c ^h u ³¹	ho ^{ʔ31} fu ³³	ho ³³ c ^h u ³¹
8	rat	ho ³³ tam ³¹	ho ³³ tam ³¹	ho ^{ʔ31} ju ³³	ha ³³ xi ³¹
9	dog	k ^h ɛ ³³	k ^h ɛ ³¹	k ^h ɛ ³¹	k ^h ɛ ³¹
10	cat	ʔa ³³ mi ³³	ʔa ³³ mɛŋ ³³	ʔa ³³ mɛŋ ³³	ʔa ³³ mi ³³
11	pig	ya ^{ʔ31}	wa ³¹	ba ^{ʔ31}	wa ³¹
12	cow	ju ³¹ ni ³⁵	ʔa ³³ miəŋ ³³	ʔa ³³ miəŋ ³⁵	k ^h a ³³ po ³¹
13	buffalo	po ³³ nat ³⁵	poŋ ³¹ na ³³	jo ³³	pan ³¹ na ³³
14	horn	ʔo ³³ k ^h ɛ ³³	poŋ ³¹ na ³³ kiew ³⁵	jo ³³ k ^h ɛ ³⁵	pan ³¹ na ³³ c ^h ɛ ³⁵
15	tail	tom ³³ mi ³¹	toŋ ³¹ ji ³³	to ³³ min ³³	toŋ ³³ mi ³³
16	bird	ha ³³ ya ³¹	ha ³³ ja ³¹	hat ³³ ja ³³	ha ³³ ga ³¹
17	bird nest	ʔo ³³ pam ³¹	ʔai ³³ jaŋ ³¹ pam ³¹	hat ³³ ja ³³ ʔa ³³ pam ³⁵	ha ³³ ga ³¹ pam ³¹
18	wing	ʔo ³³ toŋ ³³	ʔaŋ ³³ toŋ ³³	hat ³³ ja ³³ ʔa ³³ toŋ ³⁵	ʔa ³³ toŋ ³⁵
19	feather	ʔo ³³ mit ³¹	ʔai ³³ jaŋ ³¹ mi ³³	hat ³³ ja ³³ ʔa ³³ my ³³	ʔaŋ ³³ mi ³¹

No	Gloss	Bantang	Bisu	Cauho	Tsukong
20	chicken	ja ³³ ch ^h u ^o 33	hie ³¹	ja ³³	xa ³¹
21	egg	ʔok ³³	hie ³¹ ʔu ³³	ja ³³ ʔu ^o 33	ʔaŋ ³³ ʔu ³³
22	duck	ʔa ³³ pi ³³	ʔa ³³ kau ³¹	ʔa ³³ kap ³⁵	ʔa ³³ kap ³⁵
23	fish	naŋ ³³ ti ³³	loŋ ³³ tæ ³¹	loŋ ³¹ tæ ^o 35	ten ³³ ne ³³
24	snake	ʔi ³³ lo ^o 33	ʔu ³³ laŋ ³³	ʔi ^o 33	ʔi ³³ laŋ ³³
25	house lizard	k ^h a ³¹ jo ^o 35	co ³¹ co ³³	mæŋ ³¹ caŋ ³³ hen ³³	toŋ ³⁵ to ³¹
26	turtle	ʔa ³³ wof ³⁵ tau ³³ k ^h am ³¹	ʔu ³³ hoŋ ³¹	poŋ ³⁵	pie ³¹ pie ³⁵
27	frog	p ^h a ³³ ya ³¹	kop ³³ na ³³	p ^h a ^o 31	p ^h a ³¹ ga ³¹
28	spider	ʔa ³³ mi ⁴⁵ naŋ ³¹ ki ³³	ku ³¹ mæn ³³ lam ³³	ʔa ³³ mup ³⁵ ʔa ³³ mæŋ ³¹	ʔa ³³ ko ³¹ la ³⁵ kaŋ ³³
29	spider web	ʔo ³³ pam ³¹	ku ³¹ mæn ³³ lam ³³ ce ³¹	ʔa ³³ mup ³⁵ ʔa ³³ mæŋ ³¹ pam ³¹	kaŋ ³³ ŋi ³⁵
30	louse	ch ^h 33ma ³¹	tsen ³³	sæn ³³	san ³⁵
31	termite	piin ³³	ʔu ³³ hen ³¹	p ^h i ³³ ʔin ³³	pi ³¹
32	cockroach	no data	pie ³¹ lam ³⁵ ba ³³	mæŋ ³³ sap ³⁵	kap ³⁵ pa ³⁵ la ³⁵ ba ³¹
33	snail	pi ³³ li ^o 35	ca ^o 31pæk ³¹	ʔu ³¹ sap ³¹ pi ³³ li ^u 33	pe ³¹ le ³⁵
34	mosquito	jaek ³³ kiəw ³¹	mæŋ ³³ moŋ ³³	jaŋ ³³ kiəŋ ³³	jaŋ ³⁵ ko ³¹
35	bee	pæ ³¹ jo ³¹	pie ³¹	pie ³³	pie ³¹
36	a fly	ʔa ³³ pin ³¹ li ³³ ʔit ³¹	mæŋ ³³ ba ³³	naŋ ³³	jam ³⁵ ba ³¹
37	butterfly	no data	to ³³ lo ³³	pum ³⁵ pu ³³ lup ³⁵	pi ³¹ li ³⁵
38	sky	moŋ ³³ ta ^o 31	muŋ ³¹	moŋ ³³ ta ³¹	muŋ ³¹
39	sun	naŋ ³³ ch ^h a ³³	muŋ ³¹ niŋ ³¹	moŋ ³³ niŋ ³⁵ ci ^h 31	mi ³¹ liŋ ³⁵
40	moon	pi ³³ la ^o 31	ʔu ³³ la ³³	po ³³ la ³⁵ ci ^h 31	pe ³¹ la ³⁵
41	star	pi ³³ ki ³⁵	ʔu ³³ ki ³³	p ^h i ³³ ki ³³	pie ³¹ ki ³⁵
42	cloud	mo ³³ mu ^o 35	fa ³³	siŋ ³¹ tam ³³	caŋ ³¹ si ³¹
43	mist	ch ^h oŋ ³³ ʃt ³¹	mæi ³³	si ³³	caŋ ³¹ si ³¹
44	rain	mo ³³ ho ³⁵	muŋ ³¹ ho ³¹	moŋ ³³ ho ³⁵	mo ³⁵

No	Gloss	Bantang	Bisu	Cauho	Tsukong
45	rainbow	ti ³³ ti ³³ la ³³ ca ³³ u ³¹	pi ³³ hup ³³ la ³³ c ³³ u ³¹	ti ³³ la ³³ c ³³ u ³¹	c ³³ la ³³ ka ³³
46	lightning	mo ³³ mi ³³ o ³³	mu ³¹ bi ³³	mu ³⁵ ben ³³ lak ³¹ ai ³¹⁵	mu ³¹ bat ³¹
47	thunder	mo ³³ ce ³³	mu ³¹ ce ³³	mo ³³ ce ³³ cl ³¹ ai ³¹⁵	mo ³¹ ce ³¹
48	wind	ho ³³ me ³³	ha ³³ man ³³	ha ³³ man ³³	ho ³⁵ ban ³⁵
49	hail	hu ³³ lu ³¹	ho ³¹ lo ³³	ho ³⁵ lo ³⁵ si ³³	ho ³⁵ lo ³¹
50	frost	ca ³¹ pi ³³	no data	si ³¹ tam ³³ pi ³¹ ai ³¹⁵	ŋe ³⁵
51	dew	c ³³ ka ³¹	me ³³	si ³¹ tam ³³	c ³³ u ³¹ ba ³⁵
52	shadow (person)	o ³³ hup ³³	ke ³³ ca ³³ ba ³¹	o ³³ hup ³⁵	o ³³ la ³⁵
53	shade	k ³³ ca ³¹ o ³³ hup ³³	tsi ³³ tsi ³³ c ³³ um ³¹	mo ³³ hup ³⁵ ju ³³ mai ³¹⁵	ni ³⁵ sæn ³⁵
54	night	o ³³ yan ³³	mu ³¹ k ³¹	k ³¹ it ³¹ ko ³³	mi ³¹ c ³¹
55	day	ja ³⁵ na ³¹	li ³¹ ko ³³	je ³¹ ni ³³	ni ³³
56	morning	ja ³⁵ si ³¹ ta ³¹	so ³¹ ta ³¹	so ³³ da ³³	so ³¹ ba ³³ la ³³
57	noon	o ³³ sak ³¹ ta ³¹ o ³¹	t ³¹ en ³¹	ton ³³ te ³³	na ³¹ ko ³¹ lo ³³
58	yesterday	mi ³³ na ³¹ ko ³³	mi ³³ ko ³³	men ³⁵ no ³¹	mi ³⁵ na ³¹ ko ³³ lo ³³
59	tomorrow	nu ³¹ si ³³ na ³³	di ³¹ c ³¹	o ³³ so ³³ na ³⁵ o ³¹⁵	na ³⁵ ko ³⁵
60	year	ja ³⁵ ni ³¹	o ³³ pi ³¹	jam ³⁵ ni ³¹	o ³³ xo ³¹
61	water	o ³³ c ³³ u ³¹	la ³³	la ³³	la ³⁵ co ³¹
62	river	lo ³⁵ ka ³¹ ma ³¹ o ³³	la ³³ ba ³³	la ³³ ba ³⁵	la ³⁵ ka ³¹ am ³¹
63	lake	lo ³³ ma ³³	no data	lo ³³	la ³⁵ ta ³¹
64	earth, soil	na ³⁵ ca ³¹	ni ³³ tsa ³¹	ni ³³ ta ³³	mi ³⁵ tsa ³¹
65	mud	lo ³³ pot ³¹	lo ³³ pen ³¹	o ³³ pot ³³	lo ³⁵ tsa ³¹
66	dust	ka ³³ la ³³	ka ³³ la ³³	ka ³³ lo ³³	ka ³³ lu ³⁵
67	stone	lo ³³ ma ³³ ya ³¹	lo ³³ ba ³³	la ³¹ pu ³⁵ ca ³¹	ho ³³ ba ³³
68	sand	mi ³⁵ ti ³¹	sa ³¹	ka ³³ sa ³¹	mi ³⁵ si ³¹
69	gold	ka ³¹ am ³¹	ka ³¹ am ³¹	ka ³¹ am ³¹	si ³⁵
70	silver	pu ³³	pu ³³	pu ³³	pu ³⁵

No	Gloss	Bantang	Bisu	Cauho	Tsukong
71	iron	sam ³³	ʃam ³³	lek ³⁵	sam ³⁵
72	mountain	kaŋ ³¹ kiə ³³	ta ³¹ tsæ ³³	tap ³³ p ^h up ³⁵	ʔaŋ ³³ kiŋ ³¹
73	cave	loŋ ³³ le ³³	tam ³¹	t ^h am ³¹⁵	ʔa ³³ k ^h oŋ ³¹
74	forest	sa ³¹ k ^h a ^{ʔ33}	tsəŋ ³¹ koŋ ³³	k ^h o ³¹ loŋ ³⁵ tæ ³¹	si ³¹ siŋ ³⁵ c ^h oŋ ³¹
75	tree	hi ³¹ caŋ ³³	tsiŋ ³¹ tsiŋ ³³	tat ³¹ tiŋ ³⁵	si ³¹ siŋ ³⁵
76	branch	lak ³³ ŋa ³¹	tsiŋ ³¹ tsiŋ ³³ laŋ ³¹ ŋam ³³	tat ³¹ tiŋ ³⁵ lak ³⁵ ŋa ³¹	ʔa ³³ la ³¹
77	bark	ʔo ³³ c ^h e ³³	tsiŋ ³¹ tsiŋ ³³ ʔaŋ ³¹ k ^h o ³¹	tat ³¹ tiŋ ³⁵ k ^h o ^{ʔ33}	si ³¹ siŋ ³⁵ la ³¹
78	thorn	c ^h u ³¹ c ^h u ³¹	ʔaŋ ³³ c ^h u ³¹	ʃu ^{ʔ31}	ʔa ³³ tsu ³¹
79	root	ʔo ³³ c ^h e ³³ ma ^{ʔ31}	tsiŋ ³¹ tsiŋ ³³ c ^h e ³³	tat ³¹ tiŋ ³⁵ sæ ³¹⁵	ʔa ³³ c ^h e ³⁵
80	leaf	ʔo ³³ p ^h a ^{ʔ31}	tsiŋ ³¹ tsiŋ ³³ pa ³¹	tat ³¹ tiŋ ³⁵ p ^h a ^{ʔ31}	ʔa ³³ p ^h a ³¹
81	flower	ʔo ³³ ji ^{ʔ33}	wæ ³³ ja ³³	m ³³ bat ³³	ʔa ³³ ji ³¹
82	fruit	hi ³¹ caŋ ³³ ʔo ³³ ʃi ³¹	tsiŋ ³¹ si ³¹ laŋ ³¹ si ³³	ŋ ³³ si ³⁵	ʔa ³³ si ³¹
83	seed (grain)	ʔo ³³ ju ³¹	ʔaŋ ³³ ja ³¹ ci ³³	ma ³³	ʔa ³³ ji ³³
84	grass	ŋa ³³ mo ^{ʔ31}	bu ³³ ka ³³	m ³³ bo ³¹	mo ³¹ ka ³¹
85	bamboo	ha ³³ poŋ ³³	ʔa ³³ k ^h loŋ ³³	mal ³¹ p ^h al ³³	t ^h a ³¹ tu ³³
86	bamboo shoot	ha ³³ mi ^{ʔ31}	ʔa ³³ mit ³⁵¹	ʔa ³³ mit ³³	mi ³¹ c ^h i ³⁵ ʃi ³⁵ pan ³⁵
87	mushroom	mū ³³	məŋ ³³	mu ³¹	muŋ ³⁵
88	rattan	din ³³	tsaŋ ³¹ laŋ ³¹	din ³¹ ni ³³	ne ³³ k ^h oŋ ³³
89	sugar cane	poŋ ³¹ c ^h i ³³	poŋ ³¹ c ^h au ³¹	pin ³³ siŋ ³¹⁵	poŋ ³¹ c ^h i ³⁵
90	opium	næ ³³ jen ³³	ja ³¹ fin ³³	jaŋ ³³ jen ³⁵	je ³¹ jen ³⁵
91	liquor	ti ³¹ k ^h a ³³	tæ ³¹ k ^h a ³¹	te ³¹ k ^h a ³⁵	te ³¹ k ^h a ³⁵
92	banana	hat ³³ ʃi ³¹	ʔa ³³ tsi ³¹	hat ³¹ si ³¹	ʔa ³³ k ^h e ³¹ ho ³³ lom ³³
93	papaya	mak ³³ hoŋ ³³ ʃi ³¹	kui ³³ pau ³¹	mak ³¹ huŋ ³³	la ³⁵ pi ³¹ to ³¹ k ^h o ³¹
94	mango	kaŋ ³³ ku ³¹ ʔu ³³ ʃi ³¹	məŋ ³¹ məŋ ³¹	mak ³¹ məŋ ³¹	piə ³⁵ k ^h e ³¹
95	bean	məŋ ³³ pi ³³	t ^h u ³³ lin ³³	m ³³ pat ³³	nom ³³ pe ³³
96	cucumber	c ^h i ³¹ k ^h o ³³ ʃi ³¹	tsi ³¹ k ^h o ³¹ si ³¹	si ³¹ k ^h o ³¹ si ³¹	si ³¹ k ^h o ³¹

No	Gloss	Bantang	Bisu	Cauho	Tsukong
97	peanut	t ^h i ³³ lin ³¹	t ^h u ³³ lin ³³	t ^h o ³³ din ³¹	t ^h i ³⁵ lin ³³
98	ginger	c ^h i ³³ c ^h i ³¹	miŋ ³³ tsi ³¹	jaeŋ ³¹ si ³³	caŋ ³⁵ c ^h i ³¹
99	garlic	p ^h ak ³¹ t ^h em ³³	hom ³¹ tem ³¹	p ^h ak ³¹ t ^h em ³¹	ho ³⁵ hom ³⁵
100	red pepper	la ³¹ p ^h i ³³	laŋ ³¹ piŋ ³⁵ næ ³³	la ³¹ p ^h i ³⁵	ca ³¹ p ^h i ³⁵ ne ³⁵ le ³⁵
101	corn	sa ³³ lən ³¹	k ^h au ³¹ p ^h ot ³¹	ku ³¹ sa ³⁵	t ^h sa ³¹ tu ³³
102	paddy rice	ku ³³	ko ³³ tsi ³¹	ko ³¹ lum ³¹	ko ³³
103	pounded rice	ku ³³ c ^h e ³³	ko ³³ c ^h en ³³	ko ³¹ sæn ³⁵	ko ³³ tsan ³³
104	cooked rice sticky	ho ³³ miəŋ ³³	haŋ ³¹ miŋ ³³	haŋ ³¹ miŋ ³⁵	haŋ ³¹
105	rice husk	k ^h ap ³³ p ^h i ³¹	ka ³³ pi ³⁵	ka ³¹ pi ³⁵	ko ³³ h ^h am ³¹
106	salt	ha ³³ təŋ ³³	tsam ³¹ mæ ³¹	t ^h aŋ ³¹	ʔa ³³ tə ³³
107	field	ja ³³	hiə ³³	ja ³⁵	la ³⁵ c ^h a ³⁵
108	garden	ja ³³ k ^h iəm ³³	son ³¹	son ³³	t ^h sa ³⁵ kaŋ ³¹ c ^h a ³⁵
109	village	k ^h oŋ ³¹	k ^h oŋ ³¹	k ^h oŋ ³¹	p ^h u ³⁵
110	road, path	kiəm ³³ ma ³¹	kim ³³ ba ³³	kæ ³³ laŋ ³⁵	ka ³⁵ ba ³³
111	boat	jam ³³	loŋ ³³	laŋ ³¹	xaŋ ³¹
112	house	loŋ ³³	jum ³³	pam ³¹	jim ³⁵
113	door	ko ³¹ h ^h i ³¹	laŋ ³³ ko ³³	k ^h a ³¹ toŋ ³⁵	ko ³³ p ^h i ³¹
114	roof	jaŋ ³³ mu ³¹	jum ³³ muŋ ³⁵	pam ³¹ mum ³⁵	jim ³⁵ c ^h i ³⁵
115	space under house	ʔo ³³ k ^h an ³⁵	toŋ ³¹ ko ³¹ lok ³⁵	m ³³ p ^h in ³⁵	jaŋ ³¹ ko ³³ lok ³³
116	wall (of house)	kiəm ³³ t ^h iŋ ³¹	k ^h am ³³ piə ³³	k ^h am ³³ piə ³⁵	kam ³⁵ t ^h e ³¹
117	mat	ti ³³ p ^h u ³¹	tæ ³³ p ^h u ³³	ta ³³ p ^h u ³⁵	ko ³³ jo ³¹ waj ³¹
118	pillow	ti ³³ kiəm ³¹	tu ³¹ k ^h u ³³	to ³³ k ^h u ³⁵	tu ³¹ kim ³¹
119	blanket	tam ³³ p ^h u ³¹	ʔa ³³ pen ³¹	ʔa ³³ k ^h u ³⁵	p ^h i ³¹ tem ³⁵
120	shirt	pu ³³ k ^h aŋ ³¹	k ^h a ³¹ lau ³³	k ^h a ³¹ lap ³⁵	ʔa ³³ k ^h a ³¹ pa ³¹ la ³¹
121	sarong	p ^h iə ³¹	tiŋ ³¹ ka ³¹	tiŋ ³¹ ka ³¹	taŋ ³¹
122	trousers	ki ³³ c ^h oŋ ³¹	tiŋ ³¹ tsəŋ ³¹	soŋ ³¹	t ^h sa ³¹ ga ³¹

No	Gloss	Bantang	Bisu	Cauho	Tsukong
123	needle	ko ³³ kɛp ³³	kɔŋ ³¹ kɛw ³¹	ku ³¹ kɛp ³¹	ku ³¹ lap ³¹
124	comb	to ³³ k ^h ɛʔ ³³	tu ³³ k ^h ɛʔ ³³	tu ³¹ k ^h ɛp ³³	tu ³¹ k ^h a ³⁵
125	ring	loŋ ³⁵ c ^h ɔŋ ³¹	la ³¹ tsɔŋ ³¹	pok ³³ mi ³⁵	la ³¹ c ^h ɔŋ ³¹
126	paper	so ³³ ka ³¹	ka ³³ lat ³³	ka ³¹ lat ³⁵	ka ³⁵ dat ³⁵
127	cooking pot	po ³³ loŋ ³³	ʔu ³³ loŋ ³¹	p ^h o ³¹ loŋ ³¹	pɔŋ ³¹ mi ³⁵
128	mortar	toŋ ³¹ c ^h am ³⁵	toŋ ³¹ tsuŋ ³¹	toŋ ³¹ t ^h um ³³	tsem ³⁵ si ³¹
129	pestle	toŋ ³¹ kɛj ³³	toŋ ³¹ kan ³¹	toŋ ³¹ kan ³³	t ^h ɔŋ ³¹ c ^h en ³⁵
130	spoon	kɔŋ ³³	kɔŋ ³¹	so ³¹ tam ³³	t ^h ɔŋ ³¹ kin ³⁵
131	knife	miɛ ³³ ya ³¹	miɛ ³³	t ^h aɪ ³⁵ ja ³⁵	ca ³⁵ k ^h u ³¹
132	plate	k ^h u ³⁵ p ^h e ³¹	can ³³	t ^h oi ³⁵ le ³¹	mja ³⁵
133	firewood	mi ³³ t ^h u ^ʔ ³¹	bi ³³ t ^h ɔ ³¹	m ³³ bi ³¹ t ^h um ³⁵	mi ³¹ tsa ³¹
134	fire	mi ³³ lam ³⁵	bi ³³ t ^h ɔ ³¹	m ³³ bi ³¹	mi ³¹ tsa ³¹
135	ashes	k ^h a ³³ la ³³	mi ³¹ hau ³¹ k ^h a ³³ ja ³⁵	k ^h ɛ ³³ lɔŋ ³⁵	k ^h i ³⁵ ɪ ³⁵
136	smoke	mi ³³ k ^h u ^ʔ ³¹	bi ³¹ kau ³¹	bi ³¹ k ^h ɔŋ ³¹	mi ³¹ k ^h ui ³¹
137	candle	soŋ ³¹ si ³³	toŋ ³¹ c ^h i ³¹ lan ³⁵	soŋ ³¹ si ³¹	ten ³⁵ ne ³⁵ c ^h ɪ ³⁵
138	drum	t ^h aj ³¹ ma ^ʔ ³³	kɔŋ ³³ man ³³	kɔŋ ³⁵	t ^h uŋ ³¹
139	gong	t ^h af ³¹ ma ^ʔ ³³ fa ^ʔ ³¹ li ³¹	mɔ ³³ joŋ ³³	loŋ ³⁵ moŋ ³⁵	bi ³⁵ liŋ ³⁵
140	flute	ja ³⁵ sai ³¹ ŋe ³³ le ³³	k ^h ui ³¹	pi ³³	k ^h a ³⁵ pi ³⁵
141	crossbow	saf ³¹ na ^ʔ ³³	tan ³³ nu ³³	siŋ ³¹ na ^ʔ ³¹	si ³¹ la ³⁵
142	arrow	mi ³¹ c ^h e ^ʔ ³³	no data	m ³³ ba ³¹	ba ³¹
143	man	ka ³³ p ^h a ³³ ya ³¹	ka ³¹ p ^h a ³³	ka ³¹ p ^h a ³¹	no ³¹ ci ³⁵
144	woman	k ^h a ³³ ma ³³ ya ³¹	k ^h a ³¹ ba ³³ ja ³³	k ^h a ³¹ bai ³³ ja ³¹	ta ³¹ kau ³¹ ba ³⁵
145	person	c ^h oa ³¹	tsaf ³³	t ^h af ³⁵	tsa ³⁵ la ³¹
146	father	ʔa ³³ pu ³¹	ʔa ³³ boŋ ³³	m ³³ pu ³⁵	ʔa ³³ pu ³³
147	mother	ʔa ³³ ma ^ʔ ³¹	ʔa ³³ ba ³³	ma ^ʔ ³⁵	ʔa ³³ ba ³³
148	child	ʔo ³³ ya ³¹	ʔaŋ ³³ ja ³³	ŋ ³³ ja ³¹	ʔa ³³ ka ³¹

No	Gloss	Bantang	Bisu	Cauho	Tsukong
149	husband	ʔo ³³ miu ³³	ʔaŋ ³³ bloŋ ³⁵	m ³³ boŋ ³⁵	ʔa ³³ boŋ ³⁵
150	wife	k ^h am ³¹ ma ^{ʔ33}	k ^h a ³¹ ba ³³	k ^h a ³¹ ba ³¹	ʔa ³³ bi ³¹
151	elder sibling	ʔa ³³ c ^h i ³¹ /ʔa ³³ moŋ ³⁵¹	ʔa ³³ ʔal ³³³ /ʔa ³³ tsi ³³³	m ³³ l ¹ ʔ ³³ /moŋ ³⁵	ʔa ³³ boŋ ³⁵ /ʔa ³³ c ^h i ³¹
152	younger sibling	ʔo ³³ ci ³¹	ʔa ³³ p ^h æ ³³ /ʔa ³³ po ³⁵¹	ŋ ³³ ji ³⁵	ʔa ³³ ji ³⁵
153	friend	mak ³⁵¹	ʔaŋ ³³ tsaŋ ³⁵¹	ʔæ ³³ ka ^{ʔ31}	ʔa ³³ jo ³¹ ŋi ³⁵
154	name	ʔo ³³ miəŋ ³³	ʔaŋ ³³ meŋ ³³	miŋ ³⁵	ʔa ³³ mi ³⁵
155	head	ʔo ³³ tu ³¹	ʔaŋ ³³ tu ³³	ŋ ³³ tu ³¹	ʔa ³³ tu ³¹
156	face	miə ³³ p ^h u ³³	mæ ³³ ka ³⁵¹	na ³¹ jeŋ ³⁵	miə ³⁵ p ^h a ³¹
157	brain	tu ³¹ c ^h i ³³	tun ³¹ no ³¹	no ^{ʔ31}	ʔa ³³ do ³¹
158	hair	sam ³³ k ^h iəŋ ³³	cam ³³ kiŋ ³³	tam ³³ k ^h iŋ ³⁵	sa ³⁵ k ^h im ³⁵
159	forehead	miə ³³ k ^h oŋ ³³	mæ ³¹ ʔ ^h oŋ ³³	ŋa ³¹ ʔ ^h oŋ ³¹⁵	mi ³³ p ^h u ³³
160	eyebrow	miə ³³ mi ³¹	mæ ³¹ kiəw ³³ mi ³³	me ³¹ mi ³¹ k ^h oŋ ³⁵	miə ³³ mi ³¹
161	eye	mi ^{ʔ33} ni ^{ʔ33}	mæ ³¹ ni ³¹	na ³¹ mi ^{ʔ33}	miə ³³ si ³¹
162	nose	na ³³ mæ ³³	na ³³ k ^h aŋ ³³	na ³¹ tun ³⁵	niŋ ³⁵ k ^h aŋ ³⁵
163	check	pə ³¹ pa ^{ʔ33}	pa ³¹ pa ³³	pa ³¹ kæm ³¹⁵	pa ³¹ pa ³¹ ba ³¹ c ^h i ³⁵
164	ear	ʔo ³³ na ³¹	na ³¹ siŋ ³¹	na ³¹ k ^h oŋ ³¹	ʔa ³³ na ³¹
165	mouth	me ³¹ ʔ ^h oŋ ³³	man ³¹ poŋ ³¹	man ³¹ sæn ³⁵¹	ma ³¹ ʔ ^h oŋ ³¹
166	tongue	mi ³¹ la ³⁵	man ³¹ la ³¹	ŋ ³³ la ³⁵	ka ³¹ ka ³⁵
167	saliva	k ^h a ³¹ tü ³¹	kan ³¹ laŋ ³¹	k ^h a ³¹ laŋ ³¹⁵	mi ³¹ ʔ ^h i ³¹
168	tooth	ʔo ³³ su ³¹	so ³¹ p ^h e ³¹	ŋ ³³ so ³¹	ʔa ³³ so ³¹
169	gums	su ³¹ k ^h oŋ ³³	man ³¹ k ^h o ³⁵	sok ³¹ k ^h oŋ ³¹⁵	ma ³¹ kaŋ ³¹
170	chin	mi ³¹ pi ³⁵	man ³¹ tiŋ ³¹	man ³¹ pi ³¹⁵	ma ³¹ pi ³⁵
171	beard	mi ³¹ mi ^{ʔ33}	man ³¹ mi ³¹	man ³¹ ni ³³	ma ³¹ mi ³¹
172	shave (beard)	mi ³¹ mi ^{ʔ33} c ^h u ³⁵ ʔo ³³ ka ³³ lam ³³	man ³¹ mi ³¹ k ^h u ³¹⁵	man ³¹ ni ³³ sut ³³ tam ³³	ma ³¹ mi ³¹ c ^h o ³¹ le ³⁵
173	neck	naŋ ³³ c ^h i ^{ʔ31}	liŋ ³⁵ si ³⁵¹	niŋ ³¹ ʔ ^h i ³¹	la ³⁵ tsi ³¹

No	Gloss	Bantang	Bisu	Cauho	Tsukong
174	shoulder	p ^h a ³¹ p ^h u ³³	pa ³¹ hu ³¹	la ³¹ p ^h a ³¹⁵	p ^h a ³¹ p ^h u ³⁵
175	back	na ³³ k ^h u ³³	ta ³¹ k ^h a ³¹	ni ³³ po ³¹⁵	ta ³¹ k ^h a ³⁵ la ³⁵
176	abdomen	bu ³¹ po ³³	po ³¹ po ³⁵	pa ³¹ po ³⁵	ʔu ³³ po ³³
177	navel	c ^h aet ³⁵ to ³¹	sa ³³ to ³³	ʔu ³¹ c ^h a ³¹	ʔu ³³ li ³⁵
178	heart	ni ³³ ma ³³ ʃ ³¹	ni ³³ ba ³³	net ³¹ ba ³³ c ^h i ³¹	ni ³⁵ ba ³¹
179	lungs	ʔo ³³ map ³³	ʔa ³³ mau ³³	m ³³ p ^h ap ³¹	ʔa ³³ p ^h am ³¹
180	liver	ʔo ³³ p ^h e ³¹	ʔa ³³ tsin ³¹	m ³³ t ^h if ³¹	ʔa ³³ p ^h e ³¹
181	intestines	ʔo ³³ ʔu ³³	ʔa ³³ ʔu ³³	ʔu ³¹ ʔu ³⁵	ʔa ³³ ʔu ³⁵
182	hand	ʔo ³³ la ³¹	lap ³¹ pu ³¹	la ³¹	ʔa ³³ la ³¹
183	elbow	la ³³ c ^h i ³³ to ³¹	pa ³¹ si ³¹ to ³¹	la ³¹ t ^h i ³³ to ³¹	la ³¹ to ³¹ tsi ³¹
184	armpit	la ³³ c ^h a ³³ k ^h e ³¹ ʃi ³¹	ka ³¹ lop ³¹ ka ³¹ lip ³⁵	la ³¹ ko ³³ to ³¹	ta ³¹ k ^h e ³¹ le ³⁵
185	palm	la ³³ te ³³	lau ³ wa ³¹	la ³¹ ba ³⁵	la ³¹ p ^h a ³⁵
186	finger	la ³³ ʔu ³⁵	la ³¹ ʃum ³³	la ³¹ nu ³¹⁵	la ³¹ lu ³⁵
187	nail	la ³³ c ^h e ³¹	pa ³¹ si ³¹	la ³¹ c ^h i ³³	la ³¹ si ³¹
188	buttocks	to ³¹ k ^h o ³³	to ³¹ k ^h o ³¹	to ³¹ p ^h um ³³	to ³¹ ta ³⁵
189	leg	ʔo ³³ k ^h i ³³	la ³¹ k ^h i ³¹	to ³¹ p ^h a ³¹	ʔa ³³ k ^h i ³⁵
190	thigh	ʔo ³³ po ³³	po ³⁵ tu ³⁵	to ³¹ p ^h a ³¹ to ³³	ʔa ³³ po ³⁵
191	knee	pi ³³ c ^h i ³¹	pa ³¹ tu ³³	p ^h a ³¹ t ^h i ³⁵ tu ³³	pi ³⁵ tsi ³¹
192	calf	ko ³³ po ³¹ c ^h i ³¹	ko ³¹ kæ ³⁵	k ^h ə ³¹ p ^h u ³⁵	ma ³¹ ka ³⁵ ʔa ³³ tu ³³
193	shin	ku ³¹ ke ³³	ko ³¹ kæ ³⁵	man ³¹ ka ³³	ma ³¹ ka ³⁵ ka ³⁵ c ^h i ³⁵
194	foot	ʔo ³³ ki ³³ p ^h i ³¹ tæ ³³	la ³¹ k ^h i ³¹	ŋ ³³ h ³⁵	ʔa ³³ k ^h i ³⁵
195	heel	p ^h a ³³ to ³¹	la ³¹ k ^h i ³¹ pa ³⁵ to ³¹ si ³³	p ^h a ³³ to ³¹ ma ³¹ næ ³³	p ^h a ³¹ to ³¹
196	bone	ʔo ³³ ʃu ³¹	ʔa ³³ kau ³³	ŋ ³³ kif ³¹	ʔa ³³ ʃi ³¹
197	rib	nam ³³ piə ³³	ʔa ³³ piə ³³ si ³¹	nam ³¹ p ^h iə ³⁵ kif ³¹	ʔa ³³ nam ³⁵ ʃi ³¹
198	flesh	sa ³¹	ʔa ³³ ma ³³	ŋ ³³ sa ³¹	ʔa ³³ sa ³¹
199	fat	ya ³¹ c ^h i ³³	ʔa ³³ tsi ³³	ba ³¹ t ^h i ³¹ ʔi ³⁵	ʔa ³³ ʃi ³⁵

No	Gloss	Bantang	Bisu	Cauho	Tsukong
200	skin	c ^h u ³¹ ʔa ³³ k ^h u ³³	ʔa ³³ k ^h o ³¹	n ³³ lu ³³	ʔa ³³ hu ³¹
201	blood	ʃi ³¹	c ^h i ³¹	c ^h i ³¹	si ³¹
202	sweat	ku ³¹ c ^h u ³¹ na ³³ f ³³ c ^h a ³³	mu ³¹ ni ³¹	lu ³¹ la ³¹	ku ³³ c ^h o ³⁵
203	pus	ʔo ³³ piəm ³³	ʔa ³³ ʔum ³⁵	m ³³ piŋ ³⁵	ho ³³ piŋ ³⁵
204	excrement	ʔeŋ ³¹	ʔeŋ ³¹	ʔeŋ ³¹	ja ³¹
205	urine	ʔi ³¹ ʃi ³⁵	ʔi ³¹ c ^h i ³¹	ʔi ³¹	ʔa ³³ si ³⁵
206	smell	na ³³ mai ³¹	nam ³¹	m ³¹ pat ³¹	nam ³⁵ me ³⁵
207	see	mo ³³ ʔai ³¹	miəŋ ³³	miəŋ ³³ c ^h i ³³	miəŋ ³⁵ ŋe ³⁵
208	wink	mi ³³ ni ³³ mi ³³ ʔai ³¹	mæ ³¹ ni ³¹ blum ³⁵	na ³³ mit ³³ mit ³³ ʔai ³³	mien ³⁵ la ³³ dam ³³
209	weep	ʔu ³³ ŋai ³¹	ʔuŋ ³⁵	ʔu ³³ ŋai ³³	ʔuŋ ³⁵ ŋe ³⁵
210	eat	ca ³³ ʔai ³¹	tʂa ³¹	tai ³¹	sa ³¹
211	swallow	mi ³³ pi ³⁵ ka ³¹ lam ³³	naŋ ³⁵	naŋ ³¹ ŋa ³¹ ha ³¹ næ ³³	bwe ³⁵
212	drink	to ³³ ʔai ³¹	laŋ ³³ ta ³³	laŋ ³³ ta ³³ ʔai ³¹	taŋ ³⁵ ŋe ³⁵
213	vomit	p ^h i ³³ ʔai ³¹	pa ³¹ p ^h æ ³¹ p ^h æ ³³	p ^h at ³¹ ʔai ³¹	p ^h e ³¹ k ^h a ³⁵
214	spit	t ^h u ³³ ʔai ³¹	k ^h an ³¹ la ³¹ p ^h it ³⁵	k ^h at ³¹ la ³³ p ^h it ³¹ ʔai ³¹	k ^h a ³⁵
215	cough	c ^h ü ³³ ʔai ³¹	tsau ³¹ ʔuŋ ³¹	t ^h ig ³¹ ʔai ³¹	c ^h u ³¹ ʔe ³⁵
216	sneeze	ha ³³ p ^h i ³³ ʃi ³³	hat ³⁵ c ^h əi ³¹	hat ³¹ si ³¹ ʔai ³¹	ha ³⁵ ts ³¹
217	sick	nai ³⁵	daŋ ³³	da ³³ ʔai ³³	da ³⁵
218	medicine	sa ³¹ ka ³¹	tsi ³¹ ka ³¹	ja ³⁵ ʔai ³³	c ^h i ³¹
219	itch	ja ³³ ʔai ³¹	hiə ³¹	ja ³¹ tæ ³³	tsi ³³
220	scratch	pi ³³ lo ³³ kai ³¹	keŋ ³⁵	k ^h ie ³³ ʔai ³³	pe ³¹
221	shiver	cu ³³ lu ³¹ cu ³³ ʔai ³¹	ʃik ³¹ ʔiŋ ³⁵	kiŋ ³³ ʔai ³³	tsu ³¹ la ³⁵
222	swell	p ^h u ³¹ la ³⁵ la ³¹	puŋ ³⁵	puŋ ³⁵ ʔai ³³	p ^h u ³¹ la ³⁵
223	live	co ³³ lam ³³	diŋ ³⁵	ca ³¹ ʔai ³¹	te ³¹
224	die	ʃi ³³ vo ³³ bl ³¹	c ^h i ³³	c ^h i ³³ ʔai ³³	si ³⁵ ʔe ³⁵
225	ghost	neŋ ³¹ ŋa ³¹	dæ ³¹ ja ³¹	dæt ³¹	diə ³¹

No	Gloss	Bantang	Bisu	Cauho	Tsukong
226	yawn	fiə ³¹⁵	c ^h ɔ ³¹ miə ³⁵ l ^h ai ³⁵	kap ³¹ miə ³⁵ l ^h ai ³³	ʔa ³³ hwa ³⁵ he ³⁵
227	sleep	ju ³¹ po ³³ vj ³¹	ju ³¹	nu ³¹ ʔəm ³³ c ^h l ³³	ju ³¹ ʔe ³⁵
228	dream	ju ³¹ ma ³³ ma ³³ ʔai ³¹	mæ ³¹ bij ³³ bin ³³	nu ³¹ pæ ³¹ pæ ³¹ ʔai ³¹⁵	ju ³¹ ba ³³
229	snore	lə ³⁵ toŋ ³¹ ma ³³ ʔai ³¹	mæ ³¹ bij ³³ klaf ³⁵	na ³¹ toŋ ³⁵ mi ³³ ʔai ³³	la ³⁵ toŋ ³¹ l ^h loŋ ³¹ mi ³³ ʔe ³⁵
230	breath	ʔo ³³ sak ³¹ ko ³³ ʔai ³¹	ʔaŋ ³³ sa ³¹ kaŋ ³¹⁵	ŋ ³³ sak ³¹ ka ³³ ŋai ³¹⁵	ʔa ³³ sa ³¹ kaŋ ³⁵ ŋe ³⁵
231	whistle	bi ³¹ c ^h u ³³ c ^h u ³³ ʔai ³¹	ʔu ³³ c ^h en ³³ c ^h en ³³	kon ³¹ son ³³ son ³³ ʔai ³¹⁵	c ^h o ³⁵ c ^h o ³¹ c ^h o ³⁵ ʔe ³⁵
232	blow	mi ³³ ʔai ³¹	mi ³⁵	mi ³³ ʔai ³¹⁵	mi ³³ ʔe ³⁵
233	suck	nu ³³ ʔai ³¹	c ^h ok ³¹ ʔun ³⁵	taŋ ³¹ ʔai ³¹⁵	du ³¹ ŋe ³⁵
234	lick	miək ³³ ʔai ³¹	bæŋ ³¹	mæ ³¹ ʔai ³¹⁵	biə ³¹⁵
235	bite	t ^h ə ³³ ʔai ³¹	tsæŋ ³¹	t ^h æ ³³ ʔai ³¹⁵	c ^h e ³¹ ŋe ³⁵
236	laugh	ʔi ³¹ ʔai ³¹	ʔi ³³	ʔu ³³ ʔai ³¹⁵	ʔuŋ ³⁵ ŋe ³⁵
237	speak	kiəw ³¹ ʔai ³¹	ci ³¹	ce ³¹ ʔai ³¹⁵	ca ³⁵
238	shout	ʔo ³³ ʔai ³¹	hau ³³	ʔaŋ ³¹ ʔai ³¹⁵	na ³³ hu ³³ ʔe ³³
239	hear	na ³⁵ ʔai ³¹	kiəŋ ³¹	kiə ³³ ʔai ³¹⁵	pi ³³ ŋe ³⁵
240	answer	top ³³	no data	top ³¹ ʔai ³¹⁵	ca ³¹ tem ³⁵ me ³⁵
241	lie, fib	ki ³⁵ ʔai ³¹	jɔp ³¹ ʔim ³⁵	kat ³³ le ³³ ci ³³ ʔai ³¹⁵	ke ³¹ ʔe ³⁵
242	sing	kap ³¹ ʔai ³¹	peŋ ³¹ loŋ ³⁵	p ^h iŋ ³¹ t ^h o ³⁵ ʔai ³³	he ³⁵
243	think	tu ³³ le ³¹ ʔai ³¹	kit ³⁵ ʔin ³⁵	ʔau ³¹ ʔai ³¹⁵	nu ³¹ ʔe ³⁵
244	know	nu ³³ ʔai ³¹	bæŋ ³⁵	c ^h iə ³³ kal ³³	do ³¹ ŋe ³⁵
245	forget	coŋ ³¹ la ³³ la ³³ wai ³¹	luŋ ³³	lu ³³ wə ³⁵ si ³³	biŋ ³¹ sa ³⁵
246	choose	c ^h e ³¹ ʔai ³¹	tsæŋ ³³	lək ³¹ ʔai ³¹⁵	c ^h e ³⁵
247	love	p ^h i ³¹ ü ³³ ka ³¹	lak ³¹ ʔim ³⁵	hak ³¹ ʔa ³¹ laŋ ³¹ ka ³¹⁵	k ^h a ³⁵ sa ³⁵
248	hate	pi ³³ læ ³¹ ʔai ³¹	bə ³¹ so ³³	nai ³⁵ ʔe ³³	niŋ ³¹ ba ³¹ p ^h e ³⁵
249	wait	toŋ ³³ læ ³³ ʔai ³¹	loŋ ³¹	taŋ ³¹ ʔai ³¹⁵	taŋ ³¹ ŋe ³⁵
250	count	nap ³³ ʔai ³¹	nap ³¹ ʔin ³⁵	nap ³³ ʔai ³¹⁵	kə ³⁵
251	sit	na ³³ ʔai ³¹	diŋ ³³	niŋ ³⁵ ʔai ³¹⁵	niŋ ³⁵ ŋe ³⁵

No	Gloss	Batang	Bisu	Cauho	Tsukong
252	stand	ja ³¹ paɪ ³¹	cuf ³⁵	t ^h a ³¹ ʔai ³¹⁵	ʔap ³¹ ŋe ³⁵
253	kneel	bi ³¹ t ^h o ³⁵	k ^h uk ³⁵ k ^h au ³¹	p ^h a ³¹ t ^h ʔ ³⁵ ja ³³ t ^h o ³⁵ ʔai ³¹⁵	naŋ ³¹
254	lie down	ʔup ³⁵ ʔai ³¹	ju ³¹ ŋ ³⁵¹	nu ³¹ ʔe ³³ ten ³³ ʔai ³¹⁵	ju ³¹ ʔa ³³ ŋe ³⁵
255	walk	ʔi ³⁵ ʔai ³¹	ʔo ³¹	ʔi ³³ ʔai ³¹⁵	ʔe ³⁵
256	crawl	tu ³¹ ʔai ³¹	to ³¹	to ³¹ ʔai ³¹⁵	ʔi ³³
257	come	lau ³⁵¹	la ³⁵	lau ³⁵¹	la ³⁵
258	enter	ʔoŋ ³³ lau ³³	ʔoŋ ³³	ʔoŋ ³⁵ la ³⁵ ʔau ³¹⁵	ʔo ³³ la ³⁵
259	return	ʔi ³³ leo ³¹	pik ³¹ lan ³⁵	je ³⁵ ʔe ³⁵ ʔau ³¹⁵	tem ³⁵ ʔe ³⁵
260	turn	p ^h ie ³⁵ pliu ³¹	lew ³⁵	je ³⁵ ʔe ³⁵ k ^h o ³¹ ʔ ³¹ lau ³¹⁵	kap ³⁵ ko ³¹ ʔe ³⁵ poŋ ³¹ ʔe ³⁵
261	push	te ³¹ liu ³⁵	tan ³¹	hi ³³ ʔai ³¹⁵	tan ³¹ ne ³⁵
262	pull	ki ³¹ lau ³⁵	ca ^k ³¹ ʔin ³⁵	gin ³⁵ ʔai ³¹⁵	so ³⁵ ʔe ³⁵
263	kick	ʔi ³⁵ t ^h u ³³ ʔai ³¹	tæ ³¹ ʔin ³⁵	te ³³ ʔai ³¹⁵	t ^h u ³⁵ ʔe ³⁵
264	throw away	ci ³⁵ liu ³⁵	wiŋ ³⁵	bi ^t ³¹ ʔai ³¹⁵	pen ³¹ sa ³⁵
265	throw (get fruit)	pen ³¹ liu ³⁵	laŋ ³¹ liŋ ³¹ si ³¹ c ^h u ³⁵	bi ^t ³¹ ʔai ³¹⁵	pen ³¹ ʔa ³³ ʔe ³⁵
266	fall	kiə ³¹ vo ³³ vi ³¹	klaŋ ³⁵	ka ³³ c ^h i ³³	ka ³¹ ʔe ³⁵
267	fly	piə ³³ mai ³¹	piəm ³³	piəm ³⁵ mai ³¹⁵	piəm ³⁵ ma ³³ ʔe ³⁵
268	swim	ʔa ³³ c ^h u ³¹ ʔoŋ ³³ ʔai ³¹	laŋ ³³ loɪ ³⁵¹	laŋ ³³ loɪ ³¹ ʔai ³¹⁵	ʔoŋ ³¹ ʔe ³⁵
269	float (object)	pu ³⁵ və ³³ ga ³¹ vi ³¹	laŋ ³³ ʔoɪ ³⁵¹	pu ³³ ʔai ³¹⁵	piəm ³¹ la ³⁵
270	sink	kiə ³¹ vi ³³ ga ³¹ vi ³¹	cum ³³	com ³³ ʔai ³³	ni ³¹ ʔe ³⁵
271	flow	ʔoŋ ³³ ʔe ³³ ʔai ³¹	lai ³³ ʔin ³⁵	pu ³³ ʔai ³¹⁵	ju ³⁵ ʔe ³⁵
272	give	pi ³¹ lai ³¹	pi ³¹	pi ³¹ ʔai ³¹⁵	pi ³¹ ʔe ³⁵
273	take	ʔi ³³ c ^h o ³¹ lai ³¹	c ^h i ³¹ ʔi ³³ læ ³³	han ³¹ si ³³ ʔe ³¹ ʔi ³⁵ ʔai ³¹⁵	ju ³⁵ ʔe ³⁵
274	tie	p ^h i ³³ ʔai ³¹	p ^h iŋ ³⁵	næ ³¹ p ^h i ³¹ ʔai ³¹⁵	p ^h i ³¹ ʔe ³⁵
275	wipe	ʔi ³³ ʔai ³¹	ce ^t ³¹ ʔin ³⁵	pat ³¹ ʔai ³¹⁵	c ^h i ³³ ʔe ³⁵
276	rub, scrub	k ^h i ³³ ʔai ³¹	ce ^t ³¹ ʔin ³⁵	hi ³³ ʔai ³¹⁵	k ^h i ³⁵ soŋ ³¹ c ^h i ³³ ʔe ³⁵
277	wash (dishes)	ʔi ³³ ʔai ³¹	can ³³ bæn ³³ co ³⁵¹	t ^h i ³¹ ʔai ³¹⁵	tsap ³¹ me ³⁵

No	Gloss	Bantang	Bisu	Cauho	Tsukong
278	wash (vegetables)	ca ³⁵ ko ³³ ʃ ³³ ʔai ³¹	kaŋ ³¹ pa ³¹ si ³¹	kaŋ ³¹ pak ³³ l ³¹ ʔai ³¹⁵	c ^h l ³³ ʔe ³⁵
279	launder	ʔo ³³ kiəm ³¹ ca ³³ ve ³¹	ʔaŋ ³³ kaŋ ³¹ tun ³³ cau ³⁵	ŋ ³³ ciŋ ³¹ cap ³³ ʔai ³¹⁵	ʔa ³³ ka ³¹ pen ³⁵ tsap ³¹ me ³⁵
280	wring	cup ³⁵ ʔai ³¹	tsuŋ ³⁵	t ^h up ³⁵ ʔai ³¹⁵	tsu ³¹ ki ³⁵ ʔe ³⁵
281	bathe	ʔa ³³ c ^h u ³¹ c ^h u ³³ ʔai ³¹	laŋ ³³ kla ^u ³⁵	laŋ ³³ hi ³¹ ʔai ³¹⁵	la ³⁵ c ^h o ³¹ l ^h o ³¹ le ³⁵
282	hit	ti ³³ lo ³³ kai ³¹	ti ³¹	teo ³⁵ ʔai ³¹⁵	ti ³¹ laŋ ³³ ka ³⁵
283	split	p ^h a ³³ ʔai ³¹	plak ³¹	p ^h a ³¹ ʔai ³¹⁵	ce ³¹ p ^h a ³⁵
284	cut (hair)	sa ³³ k ^h iəm ³⁵ p ^h e ³¹	cam ³³ k ^h iŋ ³³ jam ³⁵ iŋ ³⁵	tam ³³ k ^h iŋ ³³ tæ ³¹ nai ³¹⁵	t ^h a ³¹ ne ³⁵
285	stab	t ^h aŋ ³³ ʔai ³¹	tsau ³⁵	t ^h iŋ ³³ ʔai ³¹⁵	tsam ³¹ da ³⁵
286	grind	le ³³ ʔai ³¹	bot ³¹	m ^o ³³ ʔai ³¹⁵	mo ³⁵ ʔe ³⁵
287	plant	tu ³³ waj ³¹	klaŋ ³⁵	k ^h a ³¹ ʔai ³¹⁵	k ^h a ³⁵
288	dig	k ^h i ³³ ʔai ³¹	tun ³¹	tu ³¹ ʔai ³¹⁵	tu ³¹ ʔe ³⁵
289	bury (a corpse)	p ^h a ³³ mup ³³	liŋ ³³ tsa ³⁵ klau ³⁵ tun ³⁵	t ^h um ³³ ʔai ³¹⁵	p ^h im ³¹ me ³⁵
290	winnow (rice)	yal ³³	ko ³¹ ŋaŋ ³³	kie ³³ ʔai ³¹⁵	ga ³⁵
291	to dry	la ³¹ piu ³³	ʔaŋ ³³ kaŋ ³¹ tum ³³ lau ³³	ŋ ³³ cəŋ ³³ lap ³³ ʔai ³¹⁵	pam ³¹ ki ³¹ ʔe ³⁵
292	pound (rice)	ku ^ʔ ³⁵ ʔoŋ ³³ ʔai ³¹	ko ³³ ʔoŋ ³⁵	ko ³¹ ʔoŋ ³¹ ʔai ³¹⁵	t ^h oŋ ³¹ ŋe ³⁵
293	cook (a meal)	c ^h a ³³ k ^h at ³¹ to ³³ cai ³¹	kaŋ ³¹ p ^h a ³¹ tæŋ ³¹	ʔaŋ ³¹ ko ³⁵ ko ³⁵ ʔai ³¹⁵	t ^h oŋ ³⁵ ŋe ³⁵
294	steam	ho ³³ ʔam ³⁵ ʔai ³¹	haŋ ³¹ buŋ ³⁵	haŋ ³¹ hu ³³ ʔai ³¹⁵	ʔim ³⁵ me ³⁵
295	boil	pa ³¹ ʔau ³³	p ^h uŋ ³¹	t ^h u ³⁵ ʔai ³¹⁵	c ^h u ³⁵ la ³⁵
296	burn	p ^h i ³³ ʔai ³¹	p ^h i ³⁵	p ^h i ³¹ ʔai ³¹⁵	p ^h i ³⁵ ʔe ³⁵
297	extinguish (fire)	ba ³¹ ʔi ³³ kap ³⁵	bi ³¹ to ³¹ c ^h uŋ ³¹	bi ³¹ ʔai ³¹	miəw ³¹ tse ³⁵ le ³⁵
298	sew	ku ³³ ʔai ³¹	kuŋ ³¹	k ^h iŋ ³³ ʔai ³¹⁵	ku ³¹ ʔe ³⁵
299	work	ʔo ³³ ʃi ³¹ kai ³¹	lak ³¹ kan ³³ wa ³³	m ³³ bik ³³ tæŋ ³³ ʔai ³¹⁵	kan ³¹ he ³⁵
300	play	ni ³⁵ kai ³³ ʔai ³¹	bo ³¹	teen ³³ nai ³¹⁵	ca ³⁵ ʔa ³⁵ ne ³⁵
301	dance	ji ³³ ʔai ³¹	pe ³¹ iŋ ³⁵	jen ³⁵ ʔai ³¹⁵	jan ³¹ ne ³⁵
302	shoot	pe ³³ ʔai ³¹	peŋ ³⁵	pi ³³ ʔai ³¹⁵	pe ³¹ ʔe ³⁵
303	hunt	sa ³¹ ka ³³ wa ³³ ʔi ³³ ʔai ³¹	tsəŋ ³¹ koŋ ³¹ sat ³⁵ c ^h əŋ ³⁵	ko ³¹ loŋ ³⁵ kuə ³³ ca ³³ ŋe ³³	naŋ ³¹ ho ³¹ ʔe ³⁵

No	Gloss	Bantang	Bisu	Cauho	Tsukong
304	kill	ʃi ³³ ʔai ³¹	sæ ³¹	c ^h æt ³¹ ʔai ³¹⁵	se ³¹
305	fight	ti ³³ lo ³³ kai ³¹	to ³¹ suj ³⁵	lop ³¹ ʔa ³¹ laŋ ³¹ kai ³¹⁵	ti ³¹ laŋ ³⁵ ka ³⁵
306	buy	ʔu ³⁵ ʔai ³¹	wif ³³	bɪ ³⁵ ʔai ³¹⁵	gu ³⁵ ʔe ³⁵
307	sell	koŋ ³⁵ ʔai ³¹	koŋ ³¹	koŋ ³¹ ʔai ³¹⁵	goŋ ³¹ ŋe ³⁵
308	exchange	ʔoŋ ³³ ni ³¹ pi ³³ lai ³¹	pen ³¹ kaŋ ³⁵	pen ³⁵ ʔa ³¹ laŋ ³¹ kai ³¹⁵	p ^h a ³⁵ ʔe ³⁵
309	steal	c ^h o ³⁵ c ^h u ³¹	kau ³¹ ʔin ³⁵	t ^h aŋ ³¹ k ^h ɪŋ ³⁵ i	xu ³¹ ʔe ³⁵
310	one	t ^h i ³³	t ^h i ³¹	t ^h ə ³¹	ti ³¹
311	two	ni ³³	soŋ ³¹	he ³¹	ŋi ³¹
312	three	sam ³⁵	sam ³³	sam ³¹	sem ³⁵
313	four	ʔu ³³	si ³¹	si ³³	hin ³⁵
314	five	ha ³⁵	ha ³⁵	ha ³¹	ŋa ³¹
315	six	hok ³⁵	hok ³⁵	hok ³⁵	k ^h o ³¹
316	seven	ce ³⁵	ce ³⁵	ce ³⁵	si ³¹
317	eight	pæ ³⁵	pæ ³⁵	pæ ³¹	c ^h e ³¹
318	nine	kau ³⁵	kau ³⁵	kau ³¹	ki ³¹
319	ten	sip ³⁵	tik ³¹ sæ ³¹	sip ³³	c ^h e ³⁵
320	hundred	t ^h ə ³³ lo ³⁵	ti ³¹ lo ³¹	t ^h a ³³ lo ³³	c ^h a ³⁵
321	thousand	ti ³¹ p ^h an ³³	ti ³¹ pan ³³	p ^h an ³¹	pan ³¹
322	many	mie ³³ k ^ə ³³	lai ³³	lai ³³	biə ³¹⁵
323	all	t ^h ɪŋ ³¹ pit ³⁵	mot ³⁵ mu ³¹	t ^h əŋ ³¹ k ^h a ³¹ ca ³³	k ^h o ³⁵ le ³⁵
324	some	ti ³¹ p ^h ɪŋ ³³	ka ³³ jaŋ ³⁵ ka ³⁵	t ^h ɪ ³¹ mü ³³	biə ³⁵ ka ³¹
325	few	ʔa ³³ ju ³⁵ ya ³¹	ʔa ³¹ ʔi ³⁵ i	ʔa ³¹ ja ³⁵ ja ³¹	c ^h i ³¹ ʔe ³⁵
326	half	t ^h i ³¹ peo ³³	tik ³¹ k ^h liŋ ³⁵ i	te ³¹ k ^h ɪŋ ³⁵ ja ³¹	ti ³¹ p ^h a ³⁵
327	tall	mo ³³ ŋai ³¹	ʔa ³³ moŋ ³¹	na ³¹ ʔai ³¹⁵	moŋ ³¹ ŋe ³⁵
328	short (height)	ja ³³ mai ³¹	ʔaŋ ³³ ju ³¹	tam ³⁵ ʔai ³¹⁵	mi ³¹ me ³⁵
329	long	mu ³³ ŋai ³¹	ʔa ³³ moŋ ³⁵	mo ³³ ʔai ³¹⁵	no ³¹ ʔe ³⁵

No	Gloss	Bantang	Bisu	Cauho	Tsukong
330	short (length)	ʔa ³³ jam ³⁵ ka ³¹	ʔaŋ ³³ jum ³⁵	ɲum ³¹ ʔai ³¹⁵	ʔu ³¹ ʔe ³⁵
331	big	hi ³³ ʔai ³¹	ʔaŋ ³³ hi ³⁵¹	bə ³¹ ʔai ³¹⁵	k ^h ʔ ³¹ ʔe ³⁵
332	small	ʔa ³³ ɲu ³⁵ ʔai ³¹	ʔaŋ ³³ ɲi ³⁵	ʔi ³⁵ ʔai ³¹⁵	ʔi ³⁵ ʔe ³⁵
333	thick	t ^h u ³³ ʔai ³¹	ʔaŋ ³³ tu ³⁵	t ^h u ³³ ʔai ³¹⁵	t ^h u ³⁵ ʔe ³⁵
334	thin	pa ³³ la ³³ ya ³¹	ʔaŋ ³³ pa ³⁵¹	pa ³¹ ʔai ³¹⁵	pa ³¹ ʔe ³⁵
335	fat	jo ³⁵ ʔai ³¹	ʔaŋ ³³ tuŋ ³⁵¹	tuŋ ³³ ʔai ³¹⁵	tuŋ ³¹ ʔe ³⁵
336	skinny	ʔo ³³ joŋ ³⁵ ʔai ³¹	ʔaŋ ³³ hiuŋ ³⁵	joŋ ³⁵ ʔai ³¹⁵	jom ³¹ me ³⁵
337	wide, broad	ke ³³ ʔai ³¹	ʔaŋ ³³ kli ³⁵	kuəŋ ³⁵ ʔai ³¹⁵	geŋ ³¹ ʔe ³⁵
338	narrow	ʔo ³³ ɲiŋ ³¹ ʔai ³¹	ʔaŋ ³³ t ^h əŋ ³⁵¹	k ^h əp ³¹ ʔai ³¹⁵	ʔa ³¹ geŋ ³¹ ʔe ³⁵
339	deep	na ³³ ʔai ³¹	ʔaŋ ³³ na ³³	na ³¹ ʔai ³¹⁵	na ³⁵
340	shallow	ta ³¹ tam ³⁵ ya ³¹	ban ³¹ na ³³	tam ³⁵ ʔai ³¹⁵	ʔa ³¹ na ³⁵
341	round	to ³³ lo ³³	ʔaŋ ³³ bun ³³	mon ³⁵ nai ³¹⁵	lu ³¹ luŋ ³⁵ ka ³¹
342	full (container)	ʔo ³³ piəŋ ³³	ʔaŋ ³³ piŋ ³⁵	piŋ ³³ ʔai ³¹⁵	piŋ ³¹ ʔe ³⁵
343	right side	la ³¹ men ³³	la ³¹ ma ³¹	ʔa ³¹ la ³¹ pa ³¹ k ^h ʔ ³⁵¹	ʔa ³³ ma ³⁵ ka ³⁵
344	left side	la ³¹ kam ³⁵	la ³¹ sal ³³	ʔa ³¹ bə ³¹ pa ³¹ k ^h ʔ ³⁵¹	ʔa ³³ ʔa ³⁵ ka ³⁵
345	straight	cu ³³ ʔai ³¹	ʔaŋ ³³ si ³³	ɲ ³³ miŋ ³⁵	po ³⁵ loŋ ³⁵ ka ³⁵
346	near	ni ³³ ni ³³ ya ³¹	ʔaŋ ³³ t ^h əŋ ³³	di ³³ di ³⁵ ja ³¹	di ³¹ ʔe ³⁵
347	far	ʔi ³³ ʔai ³¹	ʔaŋ ³³ wə ³⁵¹	bə ³¹ ba ³¹ bə ³⁵¹	go ³¹ ʔe ³⁵
348	this	ni ³³ kie ³³	nu ³⁵	ʔi ³¹ tə ³⁵	ja ³⁵
349	that	t ^h i ³³ kia ³³	həŋ ³³	læ ³¹	k ^h a ³⁵
350	black	na ³³ la ³³	ʔaŋ ³³ pləŋ ³³	ɲ ³³ kəŋ ³⁵	da ³⁵ la ³⁵
351	white	p ^h u ³³ lu ³³	ʔaŋ ³³ pon ³¹	ɲ ³³ cin ³³	p ^h u ³⁵ lu ³⁵
352	red	ni ³³ li ³³	ʔaŋ ³³ nə ³³	ɲ ³³ nə ³¹	ne ³⁵ ne ³⁵
353	green	ɲu ³³ luŋ ³³	ʔaŋ ³³ keo ³³	ɲ ³¹ juŋ ³⁵	ɲu ³⁵ luŋ ³⁵
354	yellow	si ³³ li ³³	ʔaŋ ³³ c ^h ʔ ³⁵	ɲ ³³ c ^h ʔ ³⁵	si ³⁵ liŋ ³⁵
355	dirty	ʔo ³³ ʔai ³¹	ʔaŋ ³³ soŋ ³³ sa ³³	bin ³⁵ ʔai ³¹⁵	c ^h a ³¹ ʔe ³⁵

No	Gloss	Bantang	Bisu	Cauho	Tsukong
356	new	ʔo ³³ siK ³³	ʔaf ³³ c ^h i ³³	ŋ ³³ si ³¹	ʔa ³³ si ³¹
357	old	ʔo ³³ ʔi ³³	ʔaf ³³ ʔan ³⁵	ŋ ³³ ʔan ³⁵	ʔa ³³ ʔin ³⁵
358	bright	pie ³¹ vo ³³ vi ³¹	ʔaf ³³ plæn ³⁵	ceŋ ³³ ʔai ³¹ 5	pa ³¹ ʔe ³⁵
359	same	t ^h i ³³ ju ³³ ʔa ³¹	ʔaf ³³ tuŋ ³³ ka ³¹	t ^h i ³¹ saŋ ³³ ja ³¹	ti ³¹ k ^h o ³¹ lo ³⁵ tu ³⁵ ʔe ³⁵
360	different	t ^h i ³³ ju ³³ ʔa ³¹ ma ³³ ʔa ³⁵	ba ³¹ tuŋ ³³ ka ³¹	ba ³¹ tu ³⁵ laŋ ³¹ ka ³³	ʔa ³³ tu ³⁵ ʔe ³⁵
361	sweet	c ^h u ³³ waj ³¹	ʔaf ³³ c ^h au ³⁵	siŋ ³⁵ ʔai ³¹ 5	c ^h i ³³ ʔe ³⁵
362	sour	ʔo ³³ c ^h en ³³	ʔaf ³³ c ^h en ³⁵	sæn ³³ ʔai ³¹ 5	c ^h an ³⁵ ne ³⁵
363	bitter	k ^h a ³³ ʔai ³¹	ʔaf ³³ k ^h a ³¹	k ^h a ³¹ ʔai ³¹ 5	k ^h a ³¹ ʔe ³⁵
364	spicy, hot	p ^h i ³³ ʔai ³¹	ʔaf ³³ p ^h i ³³	p ^h i ³⁵ ʔai ³¹ 5	p ^h i ³⁵ ʔe ³⁵
365	rotten	ʔo ³³ pup ³¹	ʔan ³³ pu ³⁵	pu ³¹ pə ³⁵ si ³³	nam ³⁵ me ³⁵
366	dry	ʔo ³³ ʔi ³³	ʔaf ³³ ki ³¹	gi ³¹ ʔe ³³ pa ³¹	ʔa ³³ ki ³⁵
367	wet	ʔo ³³ cen ³³	ʔaf ³³ cen ³³	cen ³³ no ³⁵ si ³³	ʔa ³³ can ³⁵
368	hot	lo ³³ ʔai ³¹	ʔaf ³³ loŋ ³³	loŋ ³¹ ʔe ³¹	hoŋ ³⁵ ʔe ³⁵
369	cold	c ^h o ³³ ʔai ³¹	ʔaf ³³ si ³³	c ^h æŋ ³¹ ʔæ ³¹	c ^h o ³¹ ʔe ³⁵
370	sharp	t ^h a ³³ ʔai ³¹	ʔaf ³³ t ^h a ³³	t ^h a ³¹ ʔai ³¹ 5	t ^h a ³¹ ʔe ³⁵
371	blunt	tun ³³ ʔai ³¹	k ^h i ³¹ lim ³³	ŋ ³³ tum ³⁵	ʔa ³³ tin ³¹
372	heavy	k ^h ieŋ ³³ ʔai ³¹	ʔaf ³³ han ³⁵	fian ³¹ ʔai ³¹ 5	k ^h iŋ ³¹ ʔe ³⁵
373	hard	k ^h a ³³ ʔai ³¹	ʔaf ³³ kæn ³⁵	k ^h a ³¹ ʔai ³¹ 5	k ^h a ³⁵ ʔe ³⁵
374	smooth	t ^h i ³³ li ³³	ʔaf ³³ peŋ ³³	saŋ ³¹ ne ³¹ pa ³¹	lem ³¹ me ³⁵
375	fast	k ^h eo ³³ ʔai ³¹	ʔaf ³³ wai ³³	men ³¹ nai ³¹ 5	k ^h æŋ ³⁵ ʔe ³⁵
376	slow	lo ³³ lo ³³ ya ³¹	ʔaf ³³ klam ³⁵	dap ³¹ ʔai ³¹ 5	je ³¹ je ³¹
377	strong	hai ³³ ʔai ³¹	ʔaf ³³ kæn ³⁵ k ^h a ³³	k ^h æŋ ³³ heŋ ³¹	ka ³¹ k ^h æŋ ³⁵ je ³⁵
378	weak	ma ³³ fai ³¹	ʔaf ³³ doŋ ³⁵ ja ³⁵	ba ³¹ k ^h æŋ ³³ heŋ ³¹	ka ³¹ ʔa ³³ kai ³⁵
379	tired	k ^h a ³¹ tu ³³ tu ³³ ʔai ³¹	ʔaf ³³ mit ³⁵	du ³¹ ʔe ³³	ka ³¹ du ³¹ ʔe ³⁵
380	blind	miəp ³⁵ kai ³¹	mæ ³³ pə ³³	na ³¹ mit ³³ m ³³ pok ³³	mi ³⁵ c ^h in ³⁵
381	deaf	na ³³ pə ³³	na ³¹ ʔaf ³³	na ³¹ ʔaf ³¹	na ³¹ pa ³¹

No	Gloss	Bantang	Bisu	Cauho	Tsukong
382	bald	tɪ ³³ tɪ ³⁵	tuk ³¹ kɪen ³¹	ŋ ³³ tut ³⁵ lon ³⁵	pa ³⁵ lan ³⁵ ba ³¹
383	hungry	me ³³ ʔai ³¹	haŋ ³¹ bæŋ ³¹	haŋ ³¹ bat ³¹ ʔæ ³³	be ³¹⁵
384	full, satisfied	pu ³³ bo ³³ vi ³¹	koŋ ³³	ʔo ³¹ ʔa ³¹ pin ³³ pa ³⁵	po ³¹ le ³⁵
385	thirsty	ʔa ³³ ʔum ³¹ me ³³ ʔai ³¹	laŋ ³³ bæŋ ³⁵¹	laŋ ³³ bat ³¹ ʔæ ³³	ki ³¹ le ³⁵
386	drunk	ma ³³ ʔai ³¹	tæ ³¹ k ³¹ a ³¹ mau ³⁵¹	mau ³¹ ʔai ³¹⁵	c ^h e ³¹ le ³⁵
387	afraid	k ^h i ³³ ʔai ³¹	k ^h æŋ ³⁵	k ^h at ³¹ ʔæ ³³	k ^h e ³⁵ ʔe ³⁵
388	angry	ʔo ³³ ʔai ³¹	niŋ ³³ ba ³³ ka ³¹ ʔaf ³⁵¹	ne ³¹ ban ³³ sut ³¹ ʔæ ³³	niŋ ³¹ ba ³¹ p ^h e ³⁵ la ³⁵
389	good	mi ³³ ʔai ³¹	ʔaŋ ³³ mæŋ ³⁵¹	bi ³¹ ʔai ³¹⁵	biŋ ³¹ je ³⁵
390	bad	m ³³ mi ³³	ba ³¹ mæŋ ³⁵¹	ba ³¹ bi ³⁵¹	ʔa ³¹ biŋ ³¹ je ³⁵
391	correct	p ^h o ³¹ ʔai ³³ ʔai ³¹	ʔaŋ ³³ ka ³⁵¹	kiə ³¹ ʔa ³¹ pa ³⁵	tsaŋ ³¹ je ³⁵
392	wrong	m ³³ p ^h o ³³ la ³³	ba ³¹ ka ³⁵¹	p ^h it ³³ ʔai ³¹⁵	ʔa ³¹ tsaŋ ³¹ je ³⁵
393	when?	ha ³⁵ ʔup ³¹ ʔam ³³ ba ³³ lai ³¹	ʔa ³³ lom ³⁵¹	ʔa ³³ juŋ ³⁵ ʔa ³¹ mə ³³	ʔa ³³ hi ³⁵ jam ³⁵
394	where?	ha ³⁵ kiə ³³ cua ³¹ le ³¹	lau ³⁵ kəŋ ³⁵¹	ʔa ³³ juŋ ³⁵ ka ³¹ ʔə ³³	ʔa ³³ hwa ³⁵ ta ³⁵
395	who?	ʔa ³³ su ³³ le ³¹	ʔa ³³ səŋ ³⁵	ʔa ³³ juŋ ³⁵ ŋa ³³ ŋə ³³	ʔa ³³ səŋ ³⁵
396	what?	m ³³ nu ³³ le ³¹	ba ³⁵ cə ³⁵	ʔa ³³ təŋ ³⁵ jo ³¹ ʔə ³³	ʔa ³³ lə ³¹
397	how many?	ha ³⁵ ʔup ³¹ lam ³³ lai ³¹	ʔa ³³ lo ³⁵	ʔa ³³ ʔop ³⁵ pan ³⁵ nə ³⁵	ʔa ³³ ho ³⁵ lo ³¹

APPENDIX B

PAYYAP UNIVERSITY

WORDLISTS USED FOR LEXICOSTATISTICS

The following table shows the 100 words sorted alphabetically by gloss.

	Gloss	Ban- tang	Bisu	Cau- ho	Lao- pin	Lao- seng	Mpi	Sinsali	Cantan	Lao- pan	Tsu- kong	Phong- ku	Phong- set	Lao- mian	Pyen	Coong
1	abdomen	bu ³¹ poŋ ³³	poŋ ³¹ poŋ ³⁵	pa ³¹ poŋ ³⁵	pa ³¹ poŋ ³⁵	pa ³¹ poŋ ³⁵	ʔo ³¹ th ^h a ³³	bo ³³ poŋ ³³	poŋ ³¹ ba ³¹	poŋ ³¹ poŋ ³⁵	ʔu ³³ poŋ ³³	po ³¹ poŋ ³⁵¹	po ³¹ poŋ ³⁵¹	poŋ ³¹ poŋ ³⁵	p ^h a ³³ poŋ ³⁵	poŋ ³⁵ ma ³⁵
2	afraid	k ^h i ³³ th ^h ɛŋ ³¹	k ^h æŋ ³⁵ k ^h at ³¹	k ^h e ³³ k ^h at ³³	k ^h e ³³ k ^h at ³³	k ^h e ³³ k ^h at ³³	k ^h e ³³ k ^h at ³³	k ^h at ³³ k ^h at ³³	k ^h a ³⁵ k ^h at ³⁵	k ^h e ³⁵ k ^h at ³⁵	k ^h a ³⁵ k ^h at ³⁵	k ^h a ³⁵ k ^h at ³⁵	k ^h a ³⁵ k ^h at ³⁵	k ^h æ ³⁵ k ^h æ ³⁵	k ^h e ³⁵ k ^h e ³⁵	no data
3	all	th ^h ɛŋ ³¹ pit ³⁵	mo ^t ³⁵ mu ³¹	th ^h ɛŋ ³¹ k ^h a ³¹	th ^h ɛŋ ³¹ pik ³⁵	ca ³³ miaw ³⁵	ca ³³ miaw ³⁵	th ^h ɛŋ ³¹ pit ³⁵	th ^h ɛŋ ³¹ pit ³⁵	k ^h o ³⁵ k ^h o ³³	k ^h o ³⁵ le ³⁵	th ^h ɛŋ ³¹ pit ³⁵	th ^h ɛ ³¹ pit ³⁵	k ^h a ³⁵ k ^h u ³¹	ʔaŋ ³³ kəŋ ³¹	no data
4	ashes	k ^h a ³³ la ³³	k ^h a ³³ ləŋ ³⁵	k ^h a ³⁵ la ³⁵	k ^h a ³⁵ la ³⁵	k ^h o ³¹ lo ³⁵	k ^h o ³¹ lo ³⁵	k ^h a ³⁵ la ³⁵	k ^h ɛ ³³ la ³³	k ^h a ³⁵ la ³⁵	k ^h i ³⁵ lɔ ³⁵	k ^h a ³⁵ la ³³	k ^h a ³³ la ³³	k ^h a ³⁵ la ³⁵	k ^h a ³⁵ mi ³³	ha ³⁵ li ³⁵
5	bark	c ^h e ³³	k ^h o ³¹	k ^h o ³¹	k ^h o ³¹	k ^h wæ ³³ l	k ^h wæ ³³ l	k ^h o ³³ k ^h o ³³	ko ³⁵ ko ³⁵	ka ³¹	la ³¹	k ^h o ³¹	k ^h o ³¹	k ^h o ³¹	k ^h o ³¹	no data
6	big	hi ³³	hi ³⁵¹	bə ³¹	hi ³¹	bək ³¹	hi ³¹	bə ³¹	bi ³¹	hi ³¹	k ^h i ³¹	bə ³¹	bə ³⁵	hi ³¹	hi ³¹	hi ³¹
7	bird	ha ³³ ya ³¹	ha ³³ ja ³¹	ha ³³ ja ³³	hi ³⁵ ja ³¹	jæ ³⁵ lo ³¹	jæ ³⁵ lo ³¹	hi ³³ ja ³¹	hi ³⁵ ja ³¹	hai ³⁵ ja ³¹	ha ³³ ga ³¹	hai ³⁵ jo ³¹	hai ³⁵ ja ³¹	hai ³⁵ ja ³¹	hai ³⁵ ja ³¹	ha ³⁵ ja ³¹
8	bite	th ^h ɛ ³³	tsæŋ ³¹	th ^h æ ³³	th ^h ɛ ³¹	th ^h æ ³¹⁵	th ^h æ ³¹⁵	th ^h ɛ ³¹	th ^h ɛ ³¹	c ^h æŋ ³¹	c ^h ɛ ³¹	th ^h ɛ ³¹	th ^h ɛ ³⁵	c ^h æ ³¹	c ^h ɛ ³¹	c ^h ɛ ³⁵
9	black	na ³³	plaf ³³	keŋ ³⁵	pieŋ ³⁵	da ³³	næ ³³	da ³¹	da ³³	plaf ³⁵	da ³⁵	do ³³	dā ³¹	paŋ ³⁵	plaf ³⁵	na ³³
10	blood	fj ³¹	c ^h i ³¹	c ^h i ³¹	fj ³¹	si ³³	si ³³	si ³¹	si ³³	fj ³¹	si ³¹	si ³⁵	si ³⁵	fj ³¹	fj ³¹	ci ³¹
11	bone	jü ³¹	kau ³³	kiŋ ³¹	kau ³¹	ʔi ³³	ʔi ³³	jau ³¹	jau ³¹	jau ³³	ji ³¹	jau ³³	jau ³³	kau ³¹	jau ³¹	jə ³¹
12	breath	sak ³¹	sa ³¹	sak ³¹	sa ³¹	sg ³¹	sg ³¹	sa ³¹	sa ³¹	sa ³¹	sa ³¹	so ³¹	sa ³⁵	sa ³¹	sa ³¹	no data
13	burn	p ^h i ³³	ka ³¹⁵	ka ³³	kaŋ ³⁵	ko ³⁵¹	ko ³⁵¹	ka ³³	ka ³³	kaŋ ³¹	kaŋ ³⁵	kaŋ ³⁵	kaŋ ³¹	kaŋ ³⁵	kaŋ ³⁵	no data

Gloss	Ban-tang	Bisu	Cau-ho	Lao-pin	Lao-seng	Mpi	Sinsali	Cantan	Lao-pan	Tsu-kong	Phong-ku	Phong-set	Lao-mian	Pyen	Coong
14	child	ya ³¹	ja ³¹	ja ³¹	ja ³¹	lo ³¹	ja ³¹	ja ³¹	ja ³³	ka ³¹	jo ³¹	ja ³³	ja ³¹	ja ³¹	ja ³¹
15	cloud	mo ³³ mu ³³ 5	siŋ ³¹ tam ³³	ciŋ ³¹ t ^h um ³¹	caŋ ³³ t ^h am ³¹	fə ³¹⁵	ca ³³ t ^h am ³¹	ca ³³ t ^h am ³¹	c ^h aŋ ³³ t ^h um ³¹	caŋ ³¹ si ³¹	caŋ ³¹ t ^h aŋ ³¹	caŋ ³⁵ t ^h am ³³	tam ³³ t ^h am ³³	caŋ ³³ t ^h um ³³	caŋ ³⁵ se ³¹
16	cold	c ^h o ³³	c ^h aŋ ³¹	tsi ³¹	ci ³³	c ^h o ³¹⁵	ci ³¹	ci ³³⁵	ci ³³	c ^h o ³¹	ci ³³⁵	ci ³⁵	c ^h o ³¹	c ^h o ³¹	c ^h o ³¹
17	come	lau ³⁵¹	lau ³⁵¹	lau ³⁵¹	lau ³⁵¹	lo ³³⁵	la ³³	lau ³⁵¹	la ³⁵	la ³⁵	lo ³⁵	la ³¹	la ³⁵	la ³⁵	no data
18	cut (hair)	k ^h im ³ 3	t ^h æ ³¹	t ^h a ³¹	kap ³¹	k ^h i ³⁵	t ^h an ³¹	t ^h an ³¹	t ^h a ³¹	t ^h a ³¹	kap ³¹	t ^h an ³⁵	t ^h an ³¹	t ^h an ³¹	t ^h aŋ ³³
19	die	fi ³³	c ^h i ³³	fi ³⁵	si ³⁵	si ³⁵	si ³⁵	si ³³	fi ³⁵	si ³⁵	si ³³	si ³¹	fi ³⁵	fi ³⁵	si ³⁵
20	dig	k ^h i ³³	tu ³¹	tu ³¹	tu ³¹	tu ³¹	tu ³¹⁵	tu ³¹	tu ³¹	tu ³¹	tu ³¹	tu ³⁵	tu ³¹	t ^h i ³¹	no data
21	dog	k ^h i ³³	k ^h i ³¹	k ^h i ³¹	k ^h i ³¹	k ^h i ³³	k ^h i ³³	k ^h i ³¹	k ^h i ³³	k ^h i ³¹	k ^h i ³¹	k ^h i ³⁵	k ^h i ³¹	k ^h i ³³	k ^h i ³¹
22	drink	to ³³	ta ³³	taŋ ³⁵	taŋ ³⁵	toŋ ³³	tā ³⁵	taŋ ³³	taŋ ³¹	taŋ ³⁵	taŋ ³³	tāŋ ³³	taŋ ³⁵	taŋ ³⁵	taŋ ³⁵
23	ear	na ³¹	na ³¹	na ³¹	na ³¹	no ³¹	la ³¹	na ³¹	na ³¹	na ³¹	na ³¹	na ³⁵	na ³¹	la ³¹	na ³¹
24	earth, soil	naŋ ³⁵ c ^h aŋ ³³ 1	niŋ ³³ t ^h aŋ ³³	liŋ ³³ t ^h a ³¹	mi ³³ toŋ ³⁵	ʔa ³¹ pe ³³	mi ³⁵ tōŋ ³³	mi ³⁵ tō ³⁵	ŋ ³³ c ^h a ³¹	mi ³⁵ t ^h a ³¹	mi ³³ c ^h o ³³⁵	mi ³³ tōŋ ³³	liŋ ³⁵ c ^h a ³¹	niŋ ³¹ t ^h a ³⁵	mi ³⁵ c ^h a ³¹
25	eat	ca ³³	ta ³¹⁵	t ^h a ³¹	ca ³¹	co ³¹⁵	ca ³¹	ca ³¹	caŋ ³¹	sa ³¹⁵	cau ³¹	ca ³⁵	t ^h a ³¹	t ^h a ³¹	t ^h a ³³
26	egg	ʔo ³³	ʔu ³³	ʔu ³⁵	ʔu ³⁵	ʔu ³³⁵	ʔu ³¹	ʔu ³⁵	ʔu ³⁵	ʔu ³³	ʔu ³³	ʔu ³¹	ʔu ³³	ʔu ³¹	ʔu ³⁵
27	eye	mi ³³ ni ³³	na ³¹ mi ³³	mi ³³ ni ³⁵	ʔaŋ ³³ biə ³³	me ³¹ c ^h o ³³¹	ʔa ³³ biə ³³	ʔa ³³ biə ³³	mi ³³ ni ³⁵	miə ³³ si ³¹	mi ³³ ni ³³	ʔa ³³ biə ³⁵¹	mæ ³³ ni ³⁵	mi ³³ ni ³³	me ³³ ni ³⁵
28	fall	kie ³¹	ka ³³	kie ³⁵	kie ³¹	ko ³¹	ta ³³	tan ³³	kla ³¹	ka ³¹	kle ³³⁵	gie ³¹	ka ³³	k ^h la ³¹	no data
29	far	ʔi ³³	bə ³¹	wə ³¹	kan ³⁵	hə ³³	kan ³⁵	kan ³⁵	və ³¹	go ³¹	kan ³⁵	kan ³³	və ³¹	wə ³¹	ko ³¹
30	fat	ya ³¹ c ^h i ³³	ba ³¹ t ^h i ³¹	ʔaŋ ³³ tsi ³⁵	wa ³¹ fi ³¹	ʔa ³¹ t ^h i ³⁵	wa ³¹⁵ si ³⁵	wa ³¹ c ^h i ³⁵	wa ³¹ si ³³	ʔa ³³ fi ³⁵	wa ³¹ c ^h i ³⁵	wa ³¹ c ^h i ³⁵¹	ʔaŋ ³³ c ^h i ³⁵	ʔaŋ ³³ c ^h i ³⁵	ʔaŋ ³³ c ^h i ³⁵
31	feather	mi ³¹	mü ³³	mi ³¹	mi ³¹	mi ³¹	mo ³³	mi ³¹	mi ³¹	mi ³¹	mi ³¹	mut ³³	mi ³¹	mi ³¹	no data
32	fire	mi ³³ lam ³⁵	m ³³ bi ³¹	mi ³¹ t ^h o ³¹	bi ³¹	mi ³¹	bi ³¹	bi ³³	bi ³¹	mi ³¹ t ^h a ³¹	bi ³¹ lam ³⁵	bi ³¹ co ³³	mi ³¹ t ^h o ³¹	bi ³¹ t ^h o ³¹	mi ³¹ sa ³¹

Gloss	Ban- tang	Bisu	Cau- ho	Lao- pin	Lao- seng	Mpi	Sinsali	Cantan	Lao- pan	Tsu- kong	Phong- ku	Phong- set	Lao- mian	Pyen	Coong
33	naŋ ³³ tɿ ³³	loŋ ³³ tæ ³¹	loŋ ³¹ tæ ³⁵	luŋ ³¹ tæ ³¹	no ³³ tæ ³¹	ŋo ³⁵¹	juŋ ³¹ tæ ³³	ho ³³ tæ ³⁵	noŋ ³¹ tæ ³⁵	ten ³³ ne ³³	ŋuŋ ³¹ tæ ³⁵	no ³⁵ tæ ³¹	tæ ³³ sɿ ³¹	ni ³¹ te ³¹	ʔaŋ ³³ t ^h o ³¹
34	sa ³¹	ma ³³	sa ³¹	sa ³¹	sa ³¹	so ³¹	ca ³¹	ci ³¹	c ^h a ³¹	sa ³¹	sau ³¹	sa ³¹	sa ³¹	sa ³¹	sa ³¹
35	piə ³³	piəm ³³	piəm ³⁵	piəm ³⁵	pa ³¹	piə ³⁵	fa ³⁵	va ³³	piə ³⁵	piəm ³⁵	piəm ³³	piə ³³	pæm ³	piəm ³	no data
36	ʔo ³³ ki ³³	la ³¹ k ^h i ³¹	ŋ ³³ k ^h i ³⁵	p ^h au ³³ wa ³³	la ³¹ k ^h i ³¹	la ³¹ t ^h i ³⁵	lə ³¹ k ^h i ³⁵	ʔa ³³ k ^h i ³⁵	la ³¹ k ^h i ³³	ʔa ³³ k ^h i ³⁵	la ³³ k ^h i ³⁵	la ³¹ k ^h i ³⁵¹	p ^h au ³ l ^h wa ³¹	p ^h a ³¹ wa ³¹	k ^h i ³⁵ t ^h e ³⁵
37	piəŋ ³ (container)	piŋ ³⁵	piŋ ³³	piŋ ³⁵	piŋ ³³	pji ³⁵	piŋ ³³	piŋ ³³	pli ³³	piŋ ³¹	pliŋ ³⁵	piŋ ³⁵¹	piŋ ³⁵	tæm ³	no data
38	pi ³¹	pi ³¹	pi ³¹	pi ³¹	pi ³¹	pe ³⁵	piu ³¹⁵	peŋ ³¹	pi ³¹	pi ³¹	peŋ ³¹	peŋ ³⁵	pi ³³	pi ³¹	pi ³¹
39	mi ³³	mæŋ ³⁵¹	bi ³¹	mæn ³¹	men ³¹	mi ³¹	mi ³¹	men ³¹	men ³¹	biŋ ³¹	mən ³¹	mən ³⁵	mæn ³	men ³	mi ³³
40	ju ³³	keo ³³	juŋ ³⁵	ju ³⁵	ju ³⁵	ju ³³	ju ³⁵	ju ³⁵	ju ³⁵	ju ³⁵	ju ³⁵	ju ³³	nu ³⁵	ju ³⁵	nu ³⁵
41	sam ³³ k ^h iŋ ³³	cam ³³ kiŋ ³³	tam ³³ k ^h iŋ ³⁵	sam ³⁵ k ^h iŋ ³⁵	sam ³³ k ^h iŋ ³⁵	k ^h i ³⁵ k ^h iŋ ³⁵	sam ³⁵ k ^h iŋ ³³	sam ³³ k ^h iŋ ³³	sam ³¹ k ^h iŋ ³⁵	sa ³⁵ k ^h im ³⁵	c ^h am ³⁵ k ^h iŋ ³⁵	c ^h am ³⁵ k ^h iŋ ³⁵	sam ³⁵ k ^h iŋ ³⁵	sam ³⁵ k ^h iŋ ³⁵	ʔaŋ ³³ c ^h am ³⁵
42	la ³¹	lap ³¹	la ³¹	la ³¹	la ³¹	la ³¹	lə ³³	la ³³	la ³¹	la ³¹	la ³³	la ³¹	la ³¹	la ³¹	la ³¹
43	tu ³¹	tu ³³	tu ³¹	tu ³¹	tu ³¹	tu ³¹	tu ³¹	tu ³¹	tu ³³	tu ³¹	tu ³¹	tu ³¹	tu ³¹	tu ³¹	tu ³¹
44	na ³⁵	kiəŋ ³¹	kiə ³³	kiə ³¹	ca ³⁵	kiəw ³¹	ca ³⁵	ca ³⁵	kiə ³¹	pi ³³	kiəw ³¹	kiə ³⁵	na ³⁵	kiə ³¹	no data
45	niŋ ³³ ma ³³ ɿ ³¹	niŋ ³³ ba ³³	ne ³¹ ba ³³ c ^h i ³¹	liŋ ³⁵ ba ³⁵ ɿ ³¹	ni ³⁵ ba ³⁵ ɿ ³¹	ho ³³ cai ³¹	lō ³⁵ c ^h u ³¹ ɿ ³¹	nu ³⁵ su ³¹ c ^h i ³¹	niŋ ³¹ ba ³¹ ɿ ³³	niŋ ³⁵ ba ³¹	ni ³³ bo ³⁵ tsi ³¹	ni ³¹ ba ³⁵ ɿ ³¹	liŋ ³³ ba ³⁵	niŋ ³⁵ ba ³⁵ ɿ ³¹	niŋ ³⁵ ma ³⁵
46	horn	kiəw ³⁵	k ^h iŋ ³⁵	k ^h iəw ³⁵	k ^h iəw ³⁵	k ^h i ³⁵	c ^h au ³⁵	k ^h iəw ³⁵	k ^h iəw ³⁵	c ^h i ³⁵	k ^h iəw ³⁵	k ^h iəw ³³	k ^h eo ³	k ^h iəw ³⁵	k ^h e ³⁵

	Gloss	Ban-tang	Bisu	Cau-ho	Lao-pin	Lao-seng	Mpi	Sinsali	Cantan	Lao-pan	Tsu-kong	Phong-ku	Phong-set	Lao-mian	Pyen	Coong
47	kill	fj ³³	sæ ³¹	c ^h æ ³¹	ʃe ³¹	sat ³¹	sə ³¹	sat ³¹	sat ³¹	c ^h æ ³¹	se ³¹	sat ³¹	sat ³⁵	ʃæ ³¹	ʃe ³¹	c ^h e ³³
48	knee	pi ³³ c ^h i ³¹	pa ³¹ tu ³³	p ^h a ³¹ t ^h i ³⁵ tu ³³	ba ³⁵ tu ³⁵ si ³¹	mɔ ³⁵ kɔ ³³	mɔ ³⁵ kɔ ³³	ba ³¹ tu ³⁵ si ³¹	bə ³¹ tu ³⁵ c ^h i ³¹	p ^h a ³¹ tu ³⁵	pi ³⁵ tsi ³¹	p ^h a ³¹ tu ³⁵	p ^h a ³¹ tu ³⁵ si ³¹	pi ³¹ tu ³⁵	p ^h a ³³ tu ³⁵	no data
49	know	nu ³³	bæŋ ³¹⁵	c ^h iə ³³	ca ³³	ca ³³	si ³¹	ca ³¹	ca ³³	bæn ³⁵	do ³¹	ca ³³	cau ³⁵	bæ ³¹	bə ³¹	no data
50	leaf	p ^h a ³³ 1	pa ³¹	p ^h a ³¹ p ^h a ³¹	p ^h a ³¹	p ^h a ³¹	p ^h a ³¹	p ^h a ³¹	p ^h a ³¹	p ^h a ³¹	p ^h a ³¹	p ^h ɔ ³¹	p ^h a ³¹	p ^h a ³¹	p ^h a ³¹	t ^h a ³¹
51	liver	p ^h e ³¹	tsin ³¹	t ^h iŋ ³¹	ʃi ³¹	ʃiŋ ³¹	t ^h i ³¹	səi ³¹	c ^h iŋ ³¹	c ^h iŋ ³³	p ^h e ³¹	c ^h i ³¹	c ^h iŋ ³³	c ^h iŋ ³¹	c ^h iŋ ³¹	p ^h e ³¹
52	long	mu ³³	mɔŋ ³⁵	mɔŋ ³⁵	mɔŋ ³⁵	mɔŋ ³⁵	si ³³	mɔ ³⁵	mɔ ³⁵	mɔŋ ³³	no ³¹	mɔŋ ³⁵	mɔŋ ³⁵	mɔŋ ³⁵	mɔŋ ³⁵	no data
53	louse	c ^h i ³³	tsen ³³	sæn ³³	ʃen ³³	sən ³⁵	se ³⁵	sən ³³	sin ³³	ʃen ³⁵	san ³⁵	sin ³⁵	sən ³⁵	c ^h iŋ ³⁵	han ³³	san ³⁵
54	man	ka ³³ p ^h a ³³ ya ³¹	ka ³¹ p ^h a ³¹ ja ³³	ka ³¹ p ^h a ³¹ ja ³¹	k ^h a ³³ p ^h iə ³¹	ka ³³ p ^h iə ³¹	ko ³¹ p ^h o ³⁵	ka ³¹ p ^h iə ³¹	ka ³¹ p ^h iə ³³	ka ³¹ p ^h a ³³ ja ³³	no ³¹ ci ³⁵	k ^h ap ³³ pi ³³ jo ³¹	k ^h a ³¹ p ^h iə ³¹	k ^h a ³¹ p ^h a ³⁵ ja ³¹	ka ³¹ p ^h ai ³¹ ja ³¹	loŋ ³³ c ^h i ³⁵ ma ³³
55	many	miə ³³	lai ³³	lai ³³	biə ³¹	ba ³⁵	miəw ³⁵ 1	lam ³¹	pen ³¹	biə ³¹	bai ³¹⁵	pi ³⁵	bie ³¹	biə ³¹	biə ³¹	no data
56	moon	pi ³³ la ³¹	ʔu ³³ la ³³	p ^h o ³³ la ³⁵	ʔu ³³ la ³⁵	wa ³¹ la ³³	bi ³¹ lo ³¹	fa ³¹ la ³¹	hu ³³ la ³⁵	ʔu ³³ la ³⁵	pe ³¹ la ³⁵	hu ³¹ lo ³¹	ʔu ³³ la ³⁵	ʔu ³³ la ³³	ʔu ³³ ʃa ³¹	pi ³¹ la ³⁵
57	mountain	kaŋ ³¹ kiə ³³	ta ³¹ tsæ ³³	tap ³³ p ^h up ³⁵	k ^h ɔŋ ³³ kiə ³³	tu ³¹ lu ³¹	pe ³¹ ʔo ³⁵	tæ ³³ c ^h u ³¹	kin ³¹ t ^h æ ³⁵	tə ³¹ p ^h u ³⁵	ʔaŋ ³³ kiŋ ³¹	t ^h o ³¹ p ^h up ³⁵	kiŋ ³⁵ t ^h æ ³¹ / ʔa ³³	k ^h ɔŋ ³³ ʔa ³³	k ^h ɔŋ ³³ ʔa ³³	xoŋ ³⁵ kiŋ ³¹
58	mouth	me ³¹ t ^h oŋ ³³	man ³¹ sæn ³⁵	man ³¹ sæn ³⁵	man ³¹ poŋ ³¹	man ³¹ poŋ ³¹	ʔa ³¹ k ^h oi ³¹	bam ³³ poŋ ³¹	ban ³³ poŋ ³³	man ³¹ tu ³⁵	me ³¹ t ^h oŋ ³¹	man ³¹ tu ³⁵	man ³⁵ poŋ ³³	man ³³ tu ³⁵	men ³³ ʔa ³¹	man ³³ t ^h oŋ ³¹
59	nail	la ³³ c ^h əŋ ³³ 1	pa ³¹ siŋ ³¹	la ³¹ c ^h iŋ ³³	la ³¹ ʃiŋ ³¹	la ³¹ ʃiŋ ³¹	la ³¹ si ³³	li ³³ sə ³¹	lə ³³ c ^h iŋ ³³	la ³¹ siŋ ³³	la ³¹ si ³¹	la ³³ siŋ ³¹	la ³¹ siŋ ³³	la ³¹ ʃiŋ ³¹	la ³¹ siŋ ³¹	la ³¹ siŋ ³¹

Gloss	Ban-tang	Bisu	Cau-ho	Lao-pin	Lao-seng	Mpi	Sinsali	Cantan	Lao-pan	Tsu-kong	Phong-ku	Phong-set	Lao-mian	Pyen	Coong
60	name miəŋ ³ 3	meŋ ³³	miŋ ³⁵	miŋ ³⁵	miŋ ³⁵	mi ³⁵	mi ³³	mi ³³	miŋ ³⁵	mi ³⁵	mi ³⁵	mi ³³	me ³⁵	meŋ ³ 5	miŋ ³⁵
61	neck naŋ ³³ c ^h i ³¹ ɲ ³¹	liŋ ³⁵ si ³⁵¹	niŋ ³¹ t ^h i ³¹	niŋ ³⁵ si ³¹	k ^h ɔŋ ³¹ ba ³³	ŋ ^l i ³¹ ɲ ³⁵	ʔa ³³ li ³³	ʔa ³³ liŋ ³⁵	niŋ ³⁵ c ^h i ³³	la ³⁵ tsi ³¹	ʔu ³³ liŋ ³⁵¹	ʔu ³³ liŋ ³⁵¹	liŋ ³⁵ c ^h i ³¹	niŋ ³⁵ c ^h i ³¹	niŋ ³⁵ c ^h i ³¹
62	new sik ³³	c ^h i ³³	si ^{ʔ31}	si ³¹	sik ³¹	si ^{ʔ31}	si ³¹	si ³¹	ʃi ^{ʔ31}	si ³¹	si ³¹	si ³¹	ʃi ³¹	si ³⁵	si ³¹
63	night ʔo ³³ yaŋ ³³	muŋ ³¹ k ^h i ³¹	k ^h i ³¹ koŋ ³³	miŋ ³¹ k ^h i ³¹	k ^h i ³³ koŋ ³¹	ʔoŋ ³¹ k ^h oi ³⁵¹	k ^h i ³¹ kū ³⁵	k ^h i ³¹ k ^h ə ³³ va ³³	ŋ ³³ k ^h i ³ k ^h i ³¹ li ³ 31,ŋə ³⁵	miŋ ³¹ c ^h i ³⁵	k ^h i ³¹ koŋ ³⁵	k ^h i ³⁵ koŋ ³¹	k ^h i ³¹ t ^h aŋ ³⁵	mi ³¹ k ^h i ³¹	mu ³¹ k ^h i ³¹ taŋ ³⁵
64	nose na ³³ mæ ³³	na ³³ k ^h aŋ ³³	na ³¹ tuŋ ³⁵	na ³³ k ^h aŋ ³⁵	na ³³ k ^h aŋ ³⁵ tu ³³	na ³¹ k ^h ɔ ³⁵	la ³³ ka ³⁵	lə ³³ ka ³⁵ t ^h o ³³	na ³¹ k ^h aŋ ³⁵	niŋ ³⁵ k ^h aŋ ³⁵	na ³⁵ k ^h aŋ ³⁵	na ³¹ kaŋ ³³	na ³⁵ k ^h aŋ ³ 5	na ³³ k ^h aŋ ³ 5	na ³⁵ toŋ ³¹
65	one t ^h i ³³	t ^h i ³¹	t ^h ə ³¹	t ^h i ³¹	t ^h i ³¹	t ^h u ³¹	t ^h i ³⁵	t ^h a ³¹	t ^h u ³¹	t ^l i ³¹	t ^l i ³¹	t ^h i ³¹	t ^h i ³¹	t ^h i ³¹	tem ³¹
66	person c ^h oa ³ 1	tsaŋ ³³	t ^h aŋ ³⁵	tsaŋ ³⁵	saŋ ³⁵	c ^h ɔ ³⁵	sə ³⁵	saŋ ³³	c ^h aŋ ³⁵	t ^h a ³⁵	c ^h aŋ ³⁵	c ^h aŋ ³³	c ^h aŋ ³ 5	tsaŋ ³⁵	c ^h aŋ ³³
67	rain mo ³³ ho ³⁵	muŋ ³¹ ho ³¹	moŋ ³³ ho ³⁵	biŋ ³¹ ho ³³	ma ³¹ ho ³¹	ho ³³ ho ³⁵	bo ³¹ ho ³³	bo ³¹ ho ³⁵	bi ³¹ ho ³¹	mo ³⁵	bo ³¹ ho ³⁵	bo ³³ ho ³⁵	miŋ ³³ ho ³¹	mi ³¹ ho ³¹ li ³⁵	miŋ ³¹ ho ³⁵
68	red ni ³³	næ ³³	næ ³¹	næ ³⁵	næ ³⁵	nə ³⁵¹	ŋə ³⁵	næ ³³	næ ³⁵	ne ³⁵	ŋə ³⁵	ŋə ³³	næ ³⁵	ni ³⁵	ne ³⁵
69	road, path kiəm ³ 3ma ³¹	kim ³³ ba ³³	kæ ³³ laŋ ³⁵¹	kiə ³⁵ ba ³¹	ka ³¹ ba ³³	k ^h aŋ ³¹ luŋ ³³	ca ³³ baŋ ³¹	kam ³⁵ ba ³¹	ka ³³ ba ³³	ka ³⁵ ba ³³	ka ³¹ boŋ ³⁵	ge ³¹ baŋ ³⁵	kæ ³⁵ ba ³¹	ka ³⁵ ba ³¹	te ³⁵ ma ³⁵
70	root c ^h e ³³	c ^h e ³³	sæ ³¹⁵	ʃe ³⁵	sæ ³¹	c ^h ə ³⁵	c ^h e ³³	sæ ³³	c ^h e ³⁵	c ^h e ³⁵	c ^h e ³³	c ^h e ³³	c ^h i ³⁵	c ^h e ³⁵	no data
71	round lo ^{ʔ33}	bun ³³	moŋ ³⁵	lum ³¹	lon ³³	lo ³⁵	bon ³³	bon ³³	bun ³¹	luŋ ³⁵	mun ³¹	bon ³⁵	lum ³¹	lum ³¹	no data
72	sand ʃi ³¹	sa ³¹	sa ³¹	sa ³¹	sa ³¹	si ³⁵¹	sa ³¹	sa ³¹	sa ³³	si ³¹	sa ³¹	sa ³³	sa ³³	sa ³¹	si ³¹
73	see mo ³³	miəŋ ³³	miəŋ ³³	miəŋ ³⁵	miəŋ ³⁵	miəw ³⁵	miə ³³	miə ³⁵	miəŋ ³³	miəŋ ³⁵	miə ³³	miəw ³³	miəŋ ³ 5	miəŋ ³ 5	no data
74	seed (grain)	jau ³¹	ma ³³	tsi ³⁵	ken ³³	ti ^{ʔ33}	ŋi ³¹	ŋi ³³	ŋit ³⁵	ji ³³	ŋi ³³	ken ³³	jau ³¹	ŋiŋ ³³	ko ³³
75	sit na ³³	diŋ ³³	niŋ ³⁵	diŋ ³⁵	niŋ ³⁵	ŋi ³³	niu ³³	diŋ ³⁵	niu ³⁵¹	niŋ ³⁵	di ³⁵	ŋi ³⁵	diŋ ³³	diŋ ³⁵	niŋ ³⁵

	Gloss	Ban- tang	Bisu	Cau- ho	Lao- pin	Lao- seng	Mpi	Sinsali	Cantan	Lao- pan	Tsu- kong	Phong- ku	Phong- set	Lao- mian	Pyen	Coong
76	skin	k ^h u ³¹ ₃	k ^h o ³¹	lu ³³	k ^h o ³³	lap ³³	k ^h o ³⁵	ju ³¹	ju ³¹	k ^h o ³¹	hu ³¹	ju ³¹	ju ³³	k ^h o ³⁵	k ^h o ³³	no data
77	sleep	ju ³¹	ju ³¹	nu ³¹	ju ³¹	ju ³¹	t ^h o ³⁵	ju ³¹	ju ³¹	ju ³¹	ju ³¹	ju ³¹	ju ³⁵	ju ³¹	ju ³¹	no data
78	small	ju ³⁵	ʔi ³⁵	ʔi ³⁵	ʔi ³³	ci ³⁵	ʔi ³³	ci ³⁵	ci ³⁵	ji ³⁵	ʔi ³⁵	ci ³⁵	ji ³⁵	ʔi ³⁵	ʔi ³⁵	no data
79	smoke	mi ³³	bi ³¹	bi ³¹	mi ³¹	bi ³¹	mi ³¹	ba ³³	bə ³¹	bi ³¹	mi ³¹	bi ³¹	bi ³¹	mi ³¹	bi ³¹	no data
80	speak	k ^h u ³¹	k ^h əŋ ³¹	k ^h əŋ ³¹	k ^h au ³¹	k ^h au ³¹	k ^h u ³¹	k ^h au ³¹	k ^h au ³³	k ^h au ³³	k ^h u ³¹	k ^h au ³¹	k ^h au ³³	k ^h au ³	k ^h au ³	no data
81	stand	kiəw ³	ci ³¹	ce ³¹	ci ³¹	lom ³¹	ce ³³	lom ³¹	ce ³¹	baŋ ³⁵	ca ³⁵	bun ³¹⁵	ʔup ³⁵	ʔup ³¹	ci ³¹	no data
82	star	ja ³¹	cuŋ ³¹⁵	t ^h a ³¹	cuŋ ³⁵	cuŋ ³¹	həŋ ³¹	coŋ ³³	cuŋ ³¹	cu ³⁵	jeŋ ³¹	co ³¹	fiəp ³⁵	cuŋ ³¹	cuŋ ³¹	ja ³¹
83	stone	pi ³³	ʔu ³³	p ^h i ³³	ʔu ³³	ho ³³	bi ³¹	vi ³¹	bi ³¹	ʔu ³³	pi ³¹	hu ³¹	ʔu ³³	ʔo ³³	ʔo ³³	pi ³¹
84	sun	ki ³⁵	ki ³³	ki ³³	ki ³³	ki ³³	ki ³³	vi ³¹	ki ³³	ki ³³	ki ³⁵	ki ³⁵	ki ³⁵	ki ³¹	ki ³¹	pi ³¹
85	swim	loŋ ³³	lo ³³	la ³¹	lo ³¹	la ³⁵	sa ³¹	lə ³³	p ^h u ³⁵	lo ³¹	ho ³³	lu ³¹	lu ³¹	lo ³³	ho ³¹	lu ³⁵
86	tail	maŋ ³³	p ^h u ³⁵	p ^h u ³⁵	ba ³¹	p ^h u ³⁵	lo ³⁵	p ^h u ³¹	ba ³¹	ba ³¹	ba ³³	p ^h u ³⁵	p ^h u ³⁵	ba ³¹	ba ³¹	ma ³⁵
87	that	naŋ ³³	muŋ ³¹	moŋ ³³	biŋ ³¹	moŋ ³¹	jo ³³	mū ³¹	mi ³⁵	moŋ ³³	mi ³¹	mū ³⁵	mu ³³	liŋ ³⁵	mi ³¹	miŋ ³¹
88	this	c ^h a ³³	niŋ ³¹	niŋ ³⁵	niŋ ³³	ni ³³	ni ³³	ni ³³	sa ³⁵	ni ³³	liŋ ³⁵	c ^h o ³¹	ni ³⁵	tsa ³⁵	niŋ ³¹	niŋ ³⁵
89	to dry	ʔoŋ ³³	loi ³⁵¹	loi ³¹	loi ³¹	loi ³¹	fai ³¹	ʔo ³³	loi ³¹	lui ³¹	ʔoŋ ³¹	ʔoŋ ³³	ʔoŋ ³⁵	val ³³	hjaŋ ³	no data
90	tongue	tom ³³	toŋ ³¹	to ³³	toŋ ³¹	toŋ ³³	m ³⁵	to ³³	kam ³⁵	k ^h a ³⁵	toŋ ³³	toŋ ³³	toŋ ³³	toŋ ³¹	toŋ ³¹	toŋ ³³
91	tooth	mi ³¹	ji ³³	m ³³	mi ³¹	mi ³¹	ba ³⁵	men ³³	ba ³³	ba ³¹	mi ³³	mi ³¹	mi ³³	mi ³¹	mi ³¹	mi ³¹
		kie ³³	hæŋ ³³	læ ³¹	kiŋ ³¹	t ^h aŋ ³³	nə ³⁵¹	fiəŋ ³¹	xiu ³⁵	kiŋ ³¹	k ^h a ³⁵	heo ³⁵	fiə ³⁵	he ³⁵	he ³⁵	no data
		ni ³³	nu ³⁵	təŋ ³⁵	ni ³⁵	pu ³⁵	hə ³³	nū ³⁵	nū ³⁵	nuə ³⁵¹	ja ³⁵	nū ³⁵	nə ³¹	ni ³⁵	niŋ ³³	no data
		la ³¹	lau ³³	lap ³³	lau ³¹	lap ³¹	læ ³¹	lap ³¹	lap ³¹	lau ³¹	ki ³¹	ja ³¹	lap ³⁵	ki ³³	hau ³¹	no data
		mi ³¹	man ³¹	ŋ ³³	man ³¹	man ³¹	ʔa ³¹	ʔa ³³	ʔa ³³	ma ³¹	ka ³¹	man ³¹	ʔa ³³	man ³	men ³	ka ³¹
		la ³⁵	la ³¹	la ³¹	la ³¹	la ³¹	lo ³⁵	ʔa ³³	la ³³	la ³³	ka ³⁵	lo ³⁵	la ³³	la ³¹	la ³¹	ka ³⁵
		ʔo ³³	so ³¹	ŋ ³³	so ³¹	sa ³¹	ʔa ³¹	si ³³	sa ³¹	so ³¹	ʔa ³³	si ³¹	so ³³	fo ³¹	sa ³¹	ʔaŋ ³³
		su ³¹	p ^h e ³¹	p ^h e ³¹	p ^h e ³¹	p ^h e ³¹	so ³³	p ^h e ³¹	p ^h e ³¹	p ^h e ³³	so ³¹	p ^h e ³¹	p ^h e ³⁵	p ^h e ³¹	p ^h e ³¹	so ³¹

	Gloss	Ban- tang	Bisu	Cau- ho	Lao- pin	Lao- seng	Mpi	Sinsali	Cantan	Lao- pan	Tsu- kong	Phong- ku	Phong- set	Lao- mian	Pyen	Coong
92	tree	hi ³¹ caŋ ³³	tsiŋ ³¹ tsiŋ ³³	ta ³¹ tiŋ ³⁵	tsiŋ ³¹ tsiŋ ³⁵	ciŋ ³⁵	ʔa ^{31,435}	ci ³⁵	ciŋ ³⁵	si ³¹ si ³⁵	si ³¹ ciŋ ³³	ci ³¹ ciŋ ³⁵	si ³¹ ciŋ ³⁵	tsa ³¹ tsiŋ ³⁵	ʔaŋ ³³ ciŋ ³⁵	
93	two	ni ³³	soŋ ³¹	he ³¹	ni ³¹	hi ³¹	ni ³⁵¹	ni ³⁵	ni ³¹	ni ³³	ni ³¹	hi ³¹	ni ³⁵	ni ³¹	ni ³¹	nim ³¹
94	walk	ʔ ³⁵	jo ³¹	ji ³³	jo ³¹	jo ³¹	lo ³¹	ja ^{ʔ31}	ja ^{ʔ35}	jo ³¹	ʔe ³⁵	fi ^{ʔ31}	jo ³⁵	jo ³¹	joŋ ³¹	no data
95	water	c ^h u ^{ʔ3} 1	laŋ ³³	laŋ ³³	laŋ ³⁵	laŋ ³⁵	c ^h o ^{ʔ35}	la ³³	laŋ ³⁵	laŋ ³⁵	c ^h o ^{ʔ1}	laŋ ³⁵	laŋ ³³	c ^h o ^{ʔ1}	laŋ ³⁵	laŋ ³⁵
96	what?	nu ³³	ba ³⁵	tæn ³⁵	maŋ ³⁵	ce ³⁵	t ^h oŋ ³¹⁵	ce ³⁵¹	ci ³⁵	ci ³³	t ^h o ^{ʔ1}	ce ³⁵	de ³⁵	maŋ ³ 3	tse ³¹⁵	no data
97	white	p ^h iu ³ 3	pon ³¹	cin ³³	pon ³¹	pa ³³	po ³³	pa ^{ʔ31}	p ^h lu ³³	pon ³¹	p ^h u ³⁵	po ^{ʔ33}	pā ³¹	pon ³¹	pon ³¹	p ^h i ³⁵
98	who?	su ³³	saŋ ³¹⁵	juŋ ³⁵	saŋ ³⁵	saŋ ³⁵	se ³⁵	sā ³³	sa ³⁵	sa ³³	saŋ ³⁵	ki ³⁵	sā ³⁵	saŋ ³¹	saŋ ³³	no data
99	woman	k ^h a ³³ ma ³³ ya ³¹	k ^h a ³¹ ba ³³ ja ³³	k ^h a ³¹ b a ³³	k ^h a ³³ ba ³³ ja ³¹	k ^h am ³³ biə ³¹	k ^h o ^{ʔ1} mo ³⁵	k ^h e ³⁵ biə ³³	k ^h a ³¹ biə ³³	k ^h a ³¹ ba ³³ ja ³³	ta ³¹ kau ³¹ ba ³⁵	k ^h a ³³ bai ³⁵ jo ³¹	k ^h i ³¹ biə ³³	k ^h a ³¹ ba ³⁵ ja ³¹	k ^h a ³¹ ba ³⁵ ja ³¹	kaŋ ³³ kaŋ ³³ ma ³³
100	yellow	si ³³	c ^h i ³⁵	c ^h i ³⁵	si ³⁵	ʔan ³⁵	lo ³³	ʔan ³³	ʔan ³³	ʔi ³⁵	si ³⁵	ʔan ³⁵	ʔan ³³	ʔi ³⁵	si ³⁵	si ³⁵

APPENDIX C

PAYYAP UNIVERSITY

ROOT WORD FORMS OF SELECTED FOUR BISOID SPEECH VARIETIES

The following table shows phonetic transcription of root word forms sorted by gloss of selected four Bisoid speech varieties. This table is used to consider for the phonological description as well as comparative description.

Order	Gloss	Bantang	Bisu	Cauho	Tsukong
1	a fly1	–	mæŋ ³³	ɲaŋ ³³	jam ³⁵
2	a fly2	pin ³¹	ba ³³	–	ba ³¹
3	abdomen1	bu ³¹	poŋ ³¹	pa ³¹	–
4	abdomen2	poŋ ³³	poŋ ³⁵	poŋ ³⁵	poŋ ³³
5	afraid	k ^h i ³³	k ^h æŋ ³⁵	k ^h at ³¹	k ^h e ³⁵
6	all1	t ^h iŋ ³¹	mot ³⁵	t ^h əŋ ³¹	k ^h o ³⁵
7	all2	pit ³⁵	mu ³¹	k ^h a ³¹	le ³⁵
8	angry1	ʔo ³³	niŋ ³³	ne ³¹	niŋ ³¹
9	angry2	–	ba ³³	ban ³³	ba ³¹
10	answer	tɔp ³³	no data	tɔp ³¹	tem ³⁵
11	armpit1	kə ³¹	ka ³¹	ko ³³	kæ ³¹
12	armpit2	–	lɔp ³¹	toŋ ³¹	le ³⁵
13	arrow	mi ³¹	no data	ba ³¹	ba ³¹
14	ashes1	k ^h a ³³	k ^h a ³³	k ^h ə ³³	k ^h i ³⁵
15	ashes2	la ³³	la ³⁵	lɔŋ ³⁵	li ³⁵
16	back1	naŋ ³³	taŋ ³¹	niŋ ³³	ta ³¹
17	back2	k ^h u ³³	k ^h aŋ ³¹	po ³¹⁵	k ^h a ³⁵
18	bad1	m ³³	ba ³¹	ba ³¹	–
19	bad2	mi ³³	mæŋ ³⁵¹	bi ³⁵¹	biŋ ³¹
20	bald	ti ³⁵	klæn ³¹	lɔn ³⁵	lan ³⁵
21	bamboo	poŋ ³³	k ^h lɔŋ ³³	p ^h ai ³³	–
22	bamboo shoot1	ha ³³	–	–	–
23	bamboo shoot2	mi ^{ʔ31}	mit ³⁵¹	mit ³³	mi ³¹
24	banana1	hat ³³	ʔa ³³	hat ³¹	ho ³³
25	banana2	ʃi ³¹	tsi ³¹	si ³¹	lom ³³

26	bark	c ^h e ³³	k ^h ɔ ³¹	k ^h ɔ ³³	la ³¹
27	bathe	c ^h u ³³	klau ³⁵¹	hi ³¹	k ^h o ³¹
28	bean1	moŋ ³³	t ^h u ³³	–	nom ³³
29	bean2	pi ³³	lin ³³	pat ³³	pe ³³
30	bear	k ^h am ³⁵	wam ³³	ʔam ³⁵	k ^h am ³⁵
31	beard	mi ³³	mi ³¹	ni ³³	mi ³¹
32	bee	pæ ³¹	piə ³¹	piə ³³	piə ³¹
33	big	hi ³³	hi ³⁵¹	bə ³¹	k ^h i ³¹
34	bird nest	pam ³¹	pam ³¹	pam ³⁵¹	pam ³¹
35	bird1	ha ³³	ha ³³	hat ³³	ha ³³
36	bird2	ɣa ³¹	ja ³¹	ja ³³	ga ³¹
37	bite	t ^h ə ³³	tsæŋ ³¹	t ^h æt ³³	c ^h e ³¹
38	bitter	k ^h a ³³	k ^h a ³¹	k ^h a ³¹	k ^h a ³¹
39	black	na ³³	pləŋ ³³	keŋ ³⁵	da ³⁵
40	blanket	p ^h u ³¹	pen ³¹	k ^h u ³⁵	p ^h i ³¹
41	blind	kai ³¹	pɔ ³³	pɔk ³³	c ^h i ³⁵
42	blood	ʃi ³¹	c ^h i ³¹	c ^h i ³¹	si ³¹
43	blow	mi ³³	mi ³⁵	mit ³³	mi ³³
44	blunt1	–	–	–	–
45	blunt2	tun ³³	lim ³³	tum ³⁵	tin ³¹
46	boat	jam ³³	lɔŋ ³³	laŋ ³¹	xəŋ ³¹
47	boil	pə ³¹	p ^h uŋ ³¹	t ^h u ³⁵	c ^h u ³⁵
48	bone	ji ³¹	kau ³³	kiŋ ³¹	ji ³¹
49	brain	c ^h i ³³	nɔ ³¹	nɔ ³¹	do ³¹
50	branch1	lak ³³	laŋ ³¹	lak ³⁵	la ³¹
51	branch2	ŋa ³¹	ŋam ³³	ŋa ³¹	–
52	breath1	sak ³¹	sa ³¹	sak ³¹	sa ³¹
53	breath2	ko ³³	kaŋ ³⁵	ka ³³	kaŋ ³⁵
54	bright	piə ³¹	plæn ³⁵	ceŋ ³³	pə ³¹
55	buffalo1	pɔ ³³	pɔŋ ³¹	jo ³³	pan ³¹
56	buffalo2	nat ³⁵	na ³³	–	na ³³
57	burn	p ^h i ³³	p ^h i ³⁵	p ^h it ³¹	p ^h i ³⁵
58	bury (a corpse)1	p ^h a ³³	tɔŋ ³⁵	t ^h um ³³	p ^h im ³¹
59	bury (a corpse)2	mup ³³	–	–	–
60	butterfly1	no data	tɔ ³³	pu ³³	pi ³¹
61	butterfly2	no data	lɔ ³³	lup ³⁵¹	li ³⁵

62	buttocks1	–	–	–	–
63	buttocks2	toŋ ³¹	təŋ ³¹	toŋ ³¹	toŋ ³¹
64	buttocks3	k ^h əŋ ³³	k ^h ləŋ ³¹	p ^h um ³³	taŋ ³⁵
65	buy	ʔu ³⁵	wiŋ ³³	bi ³⁵	gu ³⁵
66	calf1	ko ³³	kɔ ³¹	k ^h ə ³¹	–
67	calf2	poŋ ³¹	kæŋ ³⁵¹	p ^h uŋ ³⁵¹	–
68	calf3	c ^h i ³¹	–	–	–
69	candle1	–	–	–	–
70	candle2	soŋ ³¹	təŋ ³¹	soŋ ³¹	ten ³⁵
71	candle3	si ³³	c ^h i ³¹	si ³¹⁵	ne ³⁵
72	cat	mi ³³	meŋ ³³	mæŋ ³³	mi ³³
73	cave	le ³³	tam ³¹	t ^h am ³¹⁵	k ^h əŋ ³¹
74	cheek1	pə ³¹	pa ³¹	pa ³¹	pa ³¹
75	cheek2	pa ³³	pa ³³	kæm ³¹⁵	pa ³¹
76	chicken	ja ³³	hiə ³¹	ja ³³	xa ³¹
77	child	ʔa ³¹	ja ³³	ja ³¹	ka ³¹
78	chin1	pi ³⁵	–	pi ³¹⁵	pi ³⁵
79	chin2	–	tiŋ ³¹	–	–
80	choose	c ^h e ³¹	tsæŋ ³³	lək ³¹	c ^h e ³⁵
81	cloud1	mo ³³	fa ³³	siŋ ³¹	caŋ ³¹
82	cloud2	mu ³⁵	–	tam ³³	si ³¹
83	cockroach	no data	piə ³¹	sap ³⁵	p ^h a ³⁵
84	cold	c ^h o ³³	tsi ³³	c ^h æŋ ³¹	c ^h o ³¹
85	comb1	to ³³	tu ³³	tu ³¹	tu ³¹
86	comb2	k ^h iə ³³	k ^h iə ³³	k ^h iəp ³³	k ^h a ³⁵
87	come	lau ³⁵¹	la ³⁵	lau ³⁵¹	la ³⁵
88	cook (a meal)	to ³³	tæŋ ³¹	ko ³⁵	t ^h əŋ ³⁵
89	cooked rice (sticky)1	ho ³³	haŋ ³¹	haŋ ³¹	haŋ ³¹
90	cooked rice (sticky)2	miəŋ ³³	miŋ ³³	miŋ ³⁵	–
91	cooking pot1	po ³³	ʔu ³³	p ^h o ³¹	pəŋ ³¹
92	cooking pot2	loŋ ³³	ləŋ ³¹	ləŋ ³¹	mi ³⁵
93	corn1	sa ³³	k ^h au ³¹	sa ³⁵¹	tsa ³¹
94	corn2	ləŋ ³¹	p ^h ot ³¹	–	tu ³³
95	correct	p ^h ə ³¹	ka ³⁵¹	kiə ³¹	tsaŋ ³¹
96	cough	c ^h u ³³	tsau ³¹	t ^h iŋ ³¹	c ^h u ³¹
97	count	nap ³³	nap ³¹	nap ³³	kə ³⁵

98	cow	ni ³⁵	miəŋ ³³	miəŋ ³⁵	–
99	crawl	tu ³¹	tɔ ³¹	to ³¹	ʔi ³³
100	crossbow1	saŋ ³¹	tan ³³	siŋ ³¹	si ³¹
101	crossbow2	naŋ ³³	nu ³³	ŋa ³¹	la ³⁵
102	cucumber1	c ^h i ³¹	tsi ³¹	si ³¹	si ³¹
103	cucumber2	k ^h o ³³	k ^h ɔ ³¹	k ^h o ³¹	k ^h ɔ ³¹
104	cut (hair)1	p ^h e ³¹	jam ³⁵¹	t ^h æ ³¹	t ^h a ³¹
105	cut (hair)2	p ^h e ³¹	–	–	–
106	dance	ŋi ³³	pət ³¹	jen ³⁵	jan ³¹
107	day	naŋ ³¹	liŋ ³¹	niŋ ³⁵¹	niŋ ³³
108	deaf	pɔ ³³	paŋ ³³	paŋ ³¹	pa ³¹
109	deep	na ³³	na ³³	na ³¹	na ³⁵
110	deer	c ^h et ³⁵	pəŋ ³¹	t ^h æt ³³	c ^h e ³³
111	dew	c ^h o ³³	məi ³³	siŋ ³¹	c ^h u ³¹
112	die	ʃi ³³	c ^h i ³³	c ^h i ³³	si ³⁵
113	different1	ma ³³	ba ³¹	ba ³¹	ʔa ³³
114	different2	ʔa ³⁵	tuŋ ³³	tu ³⁵	tu ³⁵
115	dig	k ^h i ³³	tuŋ ³¹	tu ³¹	tu ³¹
116	dirty	jai ³¹	soŋ ³³	bin ³⁵	c ^h a ³¹
117	dog	k ^h i ³³	k ^h i ³¹	k ^h i ³¹	k ^h i ³¹
118	door1	ko ³¹	laŋ ³³	k ^h a ³¹	ko ³³
119	door2	p ^h i ³¹	kɔ ³³	to ³⁵	p ^h i ³¹
120	dream1	ma ³³	biŋ ³³	pæ ³¹	ba ³³
121	dream2	ma ³³	bin ³³	pæ ³¹	–
122	drink	to ³³	taŋ ³³	ta ³³	taŋ ³⁵
123	drum1	t ^h aŋ ³¹	kəŋ ³³	kəŋ ³⁵	t ^h uŋ ³¹
124	drum2	ma ³³	man ³³	–	–
125	drunk	ma ³³	mau ³⁵¹	mau ³¹	c ^h e ³¹
126	dry	gi ³³	ki ³¹	gi ³¹	ki ³⁵
127	duck	pi ³³	kau ³¹	kap ³⁵¹	kap ³⁵
128	dust1	k ^h a ³³	k ^h a ³³	k ^h ɔ ³³	k ^h o ³⁵
129	dust2	la ³³	la ³³	ləŋ ³³	lu ³⁵
130	ear1	na ³¹	na ³¹	na ³¹	na ³¹
131	ear2	–	siŋ ³¹	k ^h ɔ ³¹	–
132	earth, soil1	naŋ ³⁵	niŋ ³³	niŋ ³³	mi ³⁵
133	earth, soil2	c ^h a ³¹	t ^h a ³¹	t ^h a ³¹	t ^h a ³¹

134	eat	ca ³³	tsa ³¹	tai ³¹⁵	sa ³¹⁵
135	egg	ʔok ³³	ʔu ³³	ʔu ^{ʔ33}	ʔu ³³
136	eight	pæ ³⁵	pæ ³⁵	pæ ³¹	c ^h e ³¹
137	elbow1	c ^h i ³³	si ³¹	t ^h i ^{ʔ33}	–
138	elbow2	toŋ ³¹	toŋ ³¹	toŋ ³¹	toŋ ³⁵
139	elder sibling1-1	moŋ ³⁵¹	ʔai ³³	moŋ ³⁵	boŋ ³⁵
140	elder sibling1-2	–	–	–	–
141	elder sibling2	c ^h i ³¹	tsi ³³	t ^h i ³³	c ^h i ³¹
142	elephant1	ja ³³	ja ³³	saŋ ³⁵	c ^h a ³³
143	elephant2	ma ³³	ba ³³	–	ba ³³
144	enter1	ʔoŋ ³³	ʔoŋ ³³	ʔoŋ ³⁵	ʔo ³³
145	enter2	lau ³³	–	la ³⁵	la ³⁵
146	exchange1	pi ³³	pen ³¹	pen ³⁵	p ^h a ³⁵
147	exchange2	–	kaŋ ³⁵	–	–
148	excrement	ʔeŋ ³¹	ʔæŋ ³¹	ʔeŋ ³¹	jaŋ ³¹
149	extinguish (fire)1	ba ³¹	bi ³¹	bi ³¹	mau ³¹
150	extinguish (fire)2	ti ³³	tɔ ³¹	t ^h i ³¹	–
151	eye1	mi ^{ʔ33}	mæ ³¹	na ³¹	miə ³³
152	eye2	ni ^{ʔ33}	ni ³¹	mi ^{ʔ33}	–
153	eyebrow	mi ³¹	mi ³³	mi ³¹	mi ³¹
154	face1	miə ³³	mæ ³³	na ³¹	miə ³⁵
155	face2	p ^h u ³³	ka ³⁵¹	jeŋ ³⁵	p ^h a ³¹
156	fall1	kiə ³¹	klaŋ ³⁵	ka ³³	ka ³¹
157	fall2	–	–	–	–
158	far	ʔi ³³	wə ³⁵¹	bə ³⁵¹	go ³¹
159	fast	k ^h eo ³³	wai ³³	men ³¹	k ^h aŋ ³⁵
160	fat	jo ³⁵	tuj ³⁵¹	tuj ³³	tuj ³¹
161	fat1	ʔa ³¹	–	ba ^{ʔ31}	–
162	fat2	c ^h i ³³	tsi ³³	t ^h i ³¹	ʃi ³⁵
163	father	pu ³¹	boŋ ³³	pu ³⁵	pu ³³
164	feather	mit ³¹	mi ³³	mu ³³	mi ³¹
165	few	ju ³⁵	ʔit ³⁵¹	ja ^{ʔ35}	c ^h i ³¹
166	field	ja ³³	hiə ³³	ja ³⁵	c ^h a ³⁵
167	fight1	ti ³³	tɔ ³¹	–	ti ³¹
168	fight2	lo ³³	suŋ ³⁵	lop ³¹	–
169	fight3	–	–	–	laŋ ³⁵

170	finger1	la ³³	la ³¹	laʔ ³¹	la ³¹
171	finger2	ju ³⁵	jum ³³	nun ³¹⁵	luŋ ³⁵
172	fire1	mi ³³	bi ³³	bi ³¹	mi ³¹
173	fire2	lam ³⁵	t ^h ɔ ³¹	–	t ^h sa ³¹
174	firewood1	mi ³³	bi ³³	bi ³¹	mi ³¹
175	firewood2	t ^h uʔ ³¹	t ^h ɔ ³¹	t ^h um ³⁵	t ^h sa ³¹
176	fish1	naŋ ³³	lɔŋ ³³	lɔŋ ³¹	–
177	fish2	ti ³³	tæ ³¹	tæʔ ³⁵	ten ³³
178	five	ha ³⁵	ha ³⁵	ha ³¹	ŋa ³¹
179	flesh	sa ³¹	ma ³³	sa ³¹	sa ³¹
180	float (object)	pu ³⁵	loi ³⁵¹	pu ³³	piəm ³¹
181	flow	le ³³	lai ³³	pu ³³	ju ³⁵
182	flower1	jiʔ ³³	wæ ³³	–	ji ³¹
183	flower2	–	ja ³³	bat ³³	–
184	flute1	ja ³⁵	k ^h lui ³¹	pi ³³	k ^h a ³⁵
185	flute2	sai ³¹	–	–	pi ³⁵
186	fly	piə ³³	piəm ³³	piəm ³⁵¹	piəm ³⁵
187	foot	ki ³³	k ^h i ³¹	k ^h i ³⁵	k ^h i ³⁵
188	forehead1	miə ³³	mæ ³¹	ɲat ³¹	mi ³³
189	forehead2	k ^h ɔŋ ³³	k ^h ɔŋ ³³	k ^h ɔŋ ³¹⁵	p ^h u ³³
190	forest1	sa ³¹	tsɔŋ ³¹	–	c ^h ɔŋ ³¹
191	forest2	k ^h aʔ ³³	kɔŋ ³³	k ^h ot ³¹	–
192	forget	la ³³	luŋ ³³	lu ³³	biŋ ³¹
193	four	ʔü ³³	si ³¹	si ³³	hin ³⁵
194	friend	mak ³⁵¹	tsaŋ ³⁵¹	jæk ³¹	jo ³¹
195	frog	p ^h a ³³	–	p ^h aʔ ³¹	p ^h a ³¹
196	frost	p ^h i ³³	no data	piŋ ³¹	ŋe ³⁵
197	fruit	ʃi ³¹	si ³³	si ³⁵	si ³¹
198	full (container)	piəŋ ³³	pliŋ ³⁵	piŋ ³³	piŋ ³¹
199	full, satisfied	pu ³³	kɔŋ ³³	pin ³³	po ³¹
200	garden1	k ^h iəm ³³	–	–	kaŋ ³¹
201	garden2	–	son ³¹	son ³³	c ^h a ³⁵
202	garlic1	p ^h ak ³¹	hɔm ³¹	p ^h ak ³¹	hom ³⁵
203	garlic2	t ^h em ³³	tem ³¹	t ^h em ³¹	–
204	ghost	neŋ ³¹	dæ ³¹	dæt ³¹	diə ³¹
205	gibbon1	naʔ ³⁵	mæ ³¹	naŋ ³³	p ^h u ³⁵

206	gibbon2	–	loŋ ³³	liŋ ³³	p ^h u ³⁵
207	ginger1	c ^h i ³³	miŋ ³³	jaŋ ³¹	caŋ ³⁵
208	ginger2	c ^h i ³¹	tsi ³¹	si ³³	c ^h i ³¹
209	give	pi ³¹	pi ³¹	pi ³¹	pi ³¹
210	gold	k ^h am ³¹	k ^h am ³¹	k ^h am ³¹	si ³⁵
211	gong1	hi ³¹	–	loŋ ³⁵	bi ³⁵
212	gong2	–	mɔ ³³	moŋ ³⁵	liŋ ³⁵
213	gong3	–	joŋ ³³	–	–
214	good	mi ³³	mæŋ ³⁵¹	bi ³¹	biŋ ³¹
215	grass1	mo ³¹	bu ³³	bo ³¹	mo ³¹
216	grass2	–	ka ³³	–	ka ³¹
217	green	ŋu ³³	keo ³³	ŋuŋ ³⁵	ŋu ³⁵
218	grind	lə ³³	bot ³¹	mɔ ³³	mo ³⁵
219	gums1	k ^h oŋ ³³	k ^h ɔ ³⁵	k ^h oŋ ³¹⁵	kaŋ ³¹
220	gums2	–	–	–	–
221	hail1	hu ³³	ho ³¹	ho ³⁵	ho ³⁵
222	hail2	lu ³¹	lə ³³	lə ³⁵	lə ³¹
223	hair1	sam ³³	cam ³³	tam ³³	sa ³⁵
224	hair2	k ^h iəŋ ³³	kiŋ ³³	k ^h iŋ ³⁵	k ^h im ³⁵
225	half1	t ^h i ³¹	tik ³¹	te ³¹	t ^h i ³¹
226	half2	peo ³³	k ^h liŋ ³⁵¹	k ^h iŋ ³⁵	p ^h a ³⁵
227	hand1	la ³¹	lap ³¹	la ³¹	la ³¹
228	hand2	–	pu ³¹	–	–
229	hard	k ^h a ³³	kæn ³⁵¹	k ^h a ³¹	k ^h a ³⁵
230	hate	læ ³¹	ba ³¹	nai ³⁵	ba ³¹
231	head	tu ³¹	tu ³³	tu ³¹	tu ³¹
232	hear	na ³⁵	kiəŋ ³¹	kiə ³³	pi ³³
233	heart1	niŋ ³³	niŋ ³³	net ³¹	niŋ ³⁵
234	heart2	ma ³³	ba ³³	ba ³³	ba ³¹
235	heart3	ʃi ³¹	–	c ^h i ³¹	–
236	heavy	k ^h iəŋ ³³	han ³⁵¹	fian ³¹	k ^h iŋ ³¹
237	heel1	p ^h a ³³	pa ³⁵	p ^h a ³³	p ^h a ³¹
238	heel2	toŋ ³¹	təŋ ³¹	toŋ ³¹	təŋ ³¹
239	hit	ti ³³	ti ³¹	teo ³⁵¹	ti ³¹
240	horn	k ^h i ³³	kau ³⁵	k ^h iŋ ³⁵	c ^h i ³⁵
241	hot	lə ³³	ləŋ ³³	ləŋ ³¹	hoŋ ³⁵

242	house	loŋ ³³	jum ³³	pam ³¹	jim ³⁵
243	house lizard1	k ^h a ³¹	cək ³¹	caŋ ³³	toŋ ³⁵
244	house lizard2	joɿ ³⁵	cək ³³	hən ³³	to ³¹
245	how many?	lam ³³	lɔ ³⁵	loɸ ³⁵	ho ³⁵
246	hundred	loi ³⁵	loi ³¹	loi ³³	c ^h a ³⁵
247	hungry1	–	haŋ ³¹	haŋ ³¹	–
248	hungry2	me ³³	bæŋ ³¹	bat ³¹	be ³¹⁵
249	hunt1	sa ³¹	tsəŋ ³¹	loŋ ³⁵	naŋ ³¹
250	hunt2	k ^h a ³³	kəŋ ³¹	kuə ³³	ho ³¹
251	husband	miu ³³	bləŋ ³⁵	bəŋ ³⁵	bəŋ ³⁵
252	intestines	ʔu ³³	ʔu ³³	ʔu ³⁵	ʔu ³⁵
253	iron	sam ³³	ʃam ³³	lek ³⁵	sam ³⁵
254	itch	ja ³³	hiə ³¹	ja ³¹	tsi ³³
255	kick	t ^h u ³³	tæ ³¹	te ³³	t ^h u ³⁵
256	kill	ʃi ³³	sæ ³¹	c ^h æt ³¹	se ³¹
257	kneel1	pi ³³	pa ³¹	p ^h a ³¹	pi ³⁵
258	knee2	c ^h i ³¹	tu ³³	t ^h i ³⁵	tsi ³¹
259	kneel1	bi ³¹	k ^h uk ³⁵	la ³³	naŋ ³¹
260	kneel2	t ^h o ³⁵	k ^h au ³¹	t ^h o ³⁵	–
261	knife1	miə ³³	miə ³³	t ^h ai ³⁵	ca ³⁵
262	knife2	ya ³¹	–	ja ³⁵	k ^h u ³¹
263	know	nu ³³	bæŋ ³⁵	c ^h ja ³³	do ³¹
264	lake1	loŋ ³³	no data	loŋ ³³	la ³⁵
265	lake2	maɿ ³³	no data	–	t ^h æn ³¹
266	laugh	ʔi ³¹	ʔi ³³	ʔu ³³	ʔuŋ ³⁵
267	laundry	ca ³³	cau ³⁵	cap ³³	tsap ³¹
268	leaf	p ^h aɿ ³¹	pa ³¹	p ^h aɿ ³¹	p ^h a ³¹
269	left side	kam ³⁵	sai ³³	bə ³¹	c ^h a ³⁵
270	leg	k ^h i ³³	k ^h i ³¹	p ^h a ³¹	k ^h i ³⁵
271	lick	miək ³³	bæŋ ³¹	me ³¹	biə ³¹⁵
272	lie down1	juɸ ³⁵	ju ³¹	ʔe ³³	ju ³¹
273	lie down2	–	–	ten ³³	–
274	lie, fib1	ki ³⁵	jəɸ ³¹	kat ³³	ke ³¹
275	lie, fib2	–	–	le ³³	ke ³¹
276	lightning1	moŋ ³³	muŋ ³¹	muŋ ³⁵¹	muŋ ³¹
277	lightning2	miəɸ ³³	blap ³³	bæn ³³	bat ³¹

278	liquor1	ti ³¹	tæ ³¹	te ³¹	te ³¹
279	liquor2	k ^h a ³³	k ^h a ³¹	k ^h a ³⁵	k ^h a ³⁵
280	live	co ³³	diŋ ³⁵	ca ³¹	te ³¹⁵
281	liver	p ^h e ³¹	tsin ³¹	t ^h iŋ ³¹	p ^h e ³¹
282	long	mu ³³	mɔŋ ³⁵	moŋ ³³	no ³¹
283	louse	c ^h i ³³	tsen ³³	sæn ³³	san ³⁵
284	love	lü ³³	lak ³¹	hak ³¹	k ^h a ³⁵
285	lungs	map ³³	mau ³³	p ^h ap ³¹	p ^h am ³¹
286	man1	ka ³³	ka ³¹	ka ³¹	no ³¹
287	man2	p ^h a ³³	p ^h a ³³	p ^h a ³¹	ci ³⁵
288	man3	ɣa ³¹	ja ³³	—	—
289	mango1	kaŋ ³³	mɔŋ ³¹	mak ³¹	pja ³⁵
290	mango2	ku ³¹	mɔŋ ³¹	moŋ ³¹	k ^h e ³¹
291	many	miə ³³	lai ³³	lai ³³	biəj ³¹⁵
292	mat1	ti ³³	tæ ³³	ta ³³	—
293	mat2	p ^h u ³¹	p ^h u ³³	p ^h u ³⁵¹	—
294	medicine1	sa ³¹	tsi ³¹	ja ³⁵	c ^h i ³¹
295	medicine2	ka ³¹	ka ³¹	—	—
296	mist1	c ^h oŋ ³³	məi ³³	si ³³	caŋ ³¹
297	mist2	ʃi ³¹	—	—	si ³¹
298	monkey1	miu ³³	ka ³³	mo ³⁵¹	miu ³¹
299	monkey2	—	səi ³¹	—	—
300	moon1	pi ³³	ɣu ³³	p ^h o ³³	pe ³¹
301	moon2	la ³¹	la ³³	la ³⁵	la ³⁵
302	morning1	si ³¹	sət ³¹	so ³³	sɔŋ ³¹
303	morning2	t ^h a ³¹	t ^h a ³¹	da ³³	ba ³³
304	mortar1	toŋ ³¹	tɔŋ ³¹	toŋ ³¹	tsem ³⁵
305	mortar2	c ^h am ³⁵	tsuŋ ³¹	t ^h um ³³	si ³¹
306	mosquito1	jæk ³³	mæŋ ³³	jæŋ ³³	jaŋ ³⁵
307	mosquito2	kau ³¹	mɔŋ ³³	k ^h iəŋ ³³	kɔ ³¹
308	mother	ma ³¹	ba ³³	ma ³⁵¹	ba ³³
309	mountain1	kaŋ ³¹	ta ³¹	tap ³³	—
310	mountain2	kiə ³³	tsæ ³³	p ^h up ³⁵	kiŋ ³¹
311	mouth1	me ³¹	man ³¹	man ³¹	ma ³¹
312	mouth2	t ^h oŋ ³³	pɔŋ ³¹	sæn ³⁵¹	t ^h oŋ ³¹
313	mud	pot ³¹	pən ³¹	pət ³³	tsa ³¹

314	mushroom	mũ ³³	məŋ ³³	mu ³¹	muŋ ³⁵
315	nail	c ^h ej ³¹	siŋ ³¹	c ^h iŋ ³³	si ³¹
316	name	miəŋ ³³	meŋ ³³	miŋ ³⁵	mi ³⁵
317	narrow	ʔiŋ ³¹	t ^h æŋ ³⁵¹	k ^h æp ³¹	geŋ ³¹
318	navel1	c ^h æt ³⁵	sa ³³	c ^h aʔ ³¹	li ³⁵
319	navel2	toŋ ³¹	toŋ ³³	–	–
320	near	nĩ ³³	t ^h æ ³³	di ³³	di ³¹
321	neck1	naŋ ³³	liŋ ³⁵	niŋ ³¹	la ³⁵
322	neck2	c ^h iʔ ³¹	si ³⁵¹	t ^h i ³¹	tsi ³¹
323	needle1	ko ³³	kəŋ ³¹	ku ³¹	ku ³¹
324	needle2	kiəp ³³	kau ³¹	kiəp ³¹	lap ³¹
325	new	sik ³³	c ^h i ³³	siʔ ³¹	si ³¹
326	night	ʔaŋ ³³	k ^h i ³¹	k ^h it ³¹	c ^h i ³⁵
327	nine	kau ³⁵	kau ³⁵	kau ³¹	ki ³¹
328	noon	t ^h oʔ ³¹	t ^h iəŋ ³¹	t ^h ej ³³	ko ³³
329	nose1	na ³³	na ³³	na ³¹	niŋ ³⁵
330	nose2	mæ ³³	k ^h aŋ ³³	tuj ³⁵	k ^h aŋ ³⁵
331	old	ʔi ³³	ʔan ³⁵	ʔan ³⁵	ʔin ³⁵
332	one	t ^h i ³³	t ^h i ³¹	t ^h ə ³¹	ti ³¹
333	opium1	næ ³³	ja ³¹	jaŋ ³³	je ³¹
334	opium2	jen ³³	fin ³³	jen ³⁵	jeŋ ³⁵
335	paddy rice1	kuʔ ³³	ko ³³	kot ³¹	ko ³³
336	paddy rice2	–	tsi ³¹	lum ³¹	–
337	palm	te ³³	wa ³¹	ba ³⁵¹	p ^h a ³⁵
338	papaya1	mak ³³	kui ³³	mak ³¹	la ³⁵
339	papaya2	hoŋ ³³	–	huŋ ³³	–
340	papaya3	–	pau ³¹	–	pi ³¹
341	paper1	–	ka ³³	ka ³¹	ka ³⁵
342	paper2	–	lat ³³	lat ³⁵	dat ³⁵
343	peanut1	t ^h i ³³	t ^h u ³³	t ^h o ³³	t ^h i ³⁵
344	peanut2	lin ³¹	lin ³³	din ³¹	lin ³³
345	person	c ^h oa ³¹	tsaŋ ³³	t ^h aŋ ³⁵	t ^h sa ³⁵
346	pestle1	toŋ ³¹	toŋ ³¹	toŋ ³¹	t ^h əŋ ³¹
347	pestle2	kü ³³	kan ³¹	kan ³³	c ^h en ³⁵
348	pig	ʔaʔ ³¹	wa ³¹	baʔ ³¹	wa ³¹
349	pillow1	ti ³³	tu ³¹	to ³³	tu ³¹

350	pillow2	kjam ³¹	k ^h u ³³	k ^h u ^{ʔ35}	kim ³¹
351	plant	tu ³³	klaŋ ³⁵	k ^h a ³¹	k ^h a ³⁵
352	plate1	–	can ³³	–	miə ³⁵
353	plate2	k ^h u ³⁵	–	t ^h oi ³⁵	–
354	plate3	p ^h e ³¹	–	le ³¹	–
355	play	ni ³⁵	bo ³¹	tæn ³³	ca ³⁵
356	porcupine1	ho ³³	ho ³³	ho ^{ʔ31}	ho ³³
357	porcupine2	c ^h u ³¹	c ^h u ³¹	ʃu ³³	c ^h u ³¹
358	pound (rice)	t ^h oŋ ³³	t ^h oŋ ³⁵¹	t ^h oŋ ³¹	t ^h oŋ ³¹
359	pounded rice	c ^h e ³³	c ^h en ³³	sæn ³⁵	tsan ³³
360	pull	ki ³¹	ca ³¹	gin ³⁵	sə ³⁵
361	pus	pjam ³³	ʔum ³⁵	piŋ ³⁵	piŋ ³⁵
362	push	te ³¹	tan ³¹	hi ³³	tan ³¹
363	rain1	mo ³³	muŋ ³¹	moŋ ³³	mo ³⁵
364	rain2	ho ³⁵	ho ³¹	ho ³⁵	–
365	rainbow1	tiŋ ³³	pi ³³	tiŋ ³³	c ^h i ³³
366	rainbow2	–	huŋ ³³	–	–
367	rat1	ho ³³	ho ³³	ho ^{ʔ31}	ha ³³
368	rat2	tam ³¹	tam ³¹	jum ³³	xi ³¹
369	rattan1	din ³³	tsaŋ ³¹	din ³¹	ne ³³
370	rattan2	–	laŋ ³¹	ni ³³	k ^h oŋ ³³
371	red	ni ³³	næ ³³	næ ³¹	ne ³⁵
372	red pepper1	la ³¹	la ^{ʔ31}	la ³¹	ca ³¹
373	red pepper2	p ^h i ³³	piŋ ³⁵	p ^h i ³¹⁵	p ^h i ³⁵
374	return1	ʔi ³³	pik ³¹	je ³⁵	tem ³⁵
375	return2	leo ³¹	lan ³⁵	le ³⁵	le ³⁵
376	rib1	nam ³³	–	nam ³¹	nam ³⁵
377	rib2	piə ³³	piəŋ ³³	p ^h iə ³⁵¹	–
378	rice husk1	p ^h i ³¹	pi ³⁵¹	p ^h i ³⁵¹	–
379	rice husk2	–	–	–	k ^h am ³¹
380	right side	men ³³	ma ³¹	la ³¹	ma ³⁵
381	ring1	loŋ ³⁵	la ³¹	pok ³³	la ³¹
382	ring2	c ^h oŋ ³¹	tsəŋ ³¹	mi ³⁵¹	c ^h oŋ ³¹
383	river1	lo ³⁵	laŋ ³³	laŋ ³³	la ³⁵
384	river2	k ^h am ³¹	ba ³³	ba ^{ʔ351}	k ^h am ³¹
385	road, path1	kiəm ³³	kim ³³	kæ ³³	ka ³⁵

386	road, path2	ma ³¹	ba ³³	laŋ ³⁵¹	ba ³³
387	roof	mu ³¹	muŋ ³⁵¹	mum ³⁵¹	c ^h i ³⁵
388	root	c ^h e ³³	c ^h e ³³	sæ ³¹⁵	c ^h e ³⁵
389	rotten	pup ³¹	pu ³⁵¹	pu ³¹	nam ³⁵
390	round1	to ³³	bun ³³	møn ³⁵	
391	round2	loŋ ³³	–	–	luŋ ³⁵
392	rub, scrub	k ^h i ³³	cet ³¹	hi ³³	k ^h i ³⁵
393	saliva	k ^h a ³¹	kan ³¹	k ^h at ³¹	mi ³¹
394	salt1	ha ³³	tsam ³¹	t ^h aŋ ³¹	tə ³³
395	salt2	təŋ ³³	mæ ³¹	–	–
396	same1	t ^h i ³³	tun ³³	t ^h i ³¹	ti ³¹
397	same2	ju ³³	–	saŋ ³³	k ^h o ³¹
398	same3	–	–	–	lo ³⁵
399	same4	ʔa ³¹	ka ³¹	ja ³¹	tu ³⁵
400	sand	ʃi ³¹	sai ³¹	sai ³¹	si ³¹
401	sarong1	p ^h ja ³¹	tiŋ ³¹	tiŋ ³¹	taŋ ³¹
402	sarong2	–	ka ³¹	ka ³¹	–
403	scratch	pi ³³	keŋ ³⁵	k ^h ia ³³	pəi ³¹⁵
404	see	mo ³³	miəŋ ³³	miəŋ ³³	miəŋ ³⁵
405	seed (grain)	jü ³¹	jau ³¹	ma ³³	ji ³³
406	sell	koŋ ³³	kəŋ ³¹	koŋ ³¹	goŋ ³¹
407	seven	cet ³⁵	cet ³⁵	cet ³⁵	si ³¹
408	sew	ku ³³	kuŋ ³¹	k ^h in ³³	ku ³¹
409	shade	–	c ^h um ³¹	ʃu ³³	sæn ³⁵
410	shadow (person) 1	–	ke ³³	–	laŋ ³⁵
411	shadow (person)2	hup ³³	ke ³³	ʔup ³⁵	–
412	shallow1	tam ³⁵	ban ³¹	tam ³⁵	na ³⁵
413	shallow2	–	na ³³	–	–
414	sharp	t ^h a ³³	t ^h a ³³	t ^h a ³¹	t ^h a ³¹
415	shave (beard)	c ^h u ³⁵	k ^h un ³⁵	sut ³³	c ^h o ³¹
416	shin1	–	–	man ³¹	ma ³¹
417	shin2	ku ³¹	kə ³¹	kaŋ ³³	ka ³⁵
418	shin3	ke ³³	kæŋ ³⁵¹	–	–
419	shirt1	k ^h aŋ ³¹	k ^h a ³¹	k ^h a ³³	k ^h a ³¹
420	shirt2	–	lau ³³	lap ³⁵	–
421	shiver	cu ³³	jik ³¹	kiŋ ³³	tsu ³¹

422	shoot	pə ³³	pəŋ ³⁵	pi ³³	pə ³¹
423	short (height)	ja ³³	jum ³¹	tam ³⁵	mi ³¹
424	short (length)	jam ³⁵	jum ³⁵	num ³¹	ʔu ³¹
425	shoulder1	p ^h a ³¹	pa ³¹	la ³¹	p ^h a ³¹
426	shoulder2	p ^h u ^{ʔ33}	huŋ ³¹	p ^h a ³¹⁵	p ^h u ³⁵
427	shout	ʔo ³³	hau ³³	ʔaŋ ³¹	hu ³³
428	sick	nai ³⁵¹	daŋ ³³	da ³³	da ³⁵
429	silver	p ^h iu ³³	p ^h lu ³³	p ^h u ³³	p ^h u ³⁵
430	sing	kap ³¹	peŋ ³¹	p ^h iŋ ³¹	he ³⁵
431	sink	–	cum ³³	com ³³	–
432	sit	na ³³	diŋ ³³	niŋ ³⁵	niŋ ³⁵
433	six	hok ³⁵	hok ³⁵	hok ³⁵	k ^h o ³¹
434	skin	k ^h u ^{ʔ33}	k ^h o ³¹	lu ³³	hu ³¹
435	skinny	joŋ ³⁵	hiuŋ ³⁵	joŋ ³⁵	jom ³¹
436	sky1	moŋ ³³	muŋ ³¹	moŋ ³³	muŋ ³¹
437	sky2	t ^h a ^{ʔ31}	–	t ^h a ³¹	–
438	sleep	ju ³¹	juŋ ³¹	nu ³¹	ju ³¹
439	slow	–	klam ³⁵¹	dap ³¹	je ³¹
440	small	ju ³⁵	ʔi ³⁵	ʔi ³⁵	ʔi ³⁵
441	smell	na ³³	nam ³¹	pat ³¹	nam ³⁵
442	smoke	k ^h u ^{ʔ31}	kau ³¹	k ^h əŋ ³¹	k ^h ui ³¹
443	smooth	ti ³³	peŋ ³³	saŋ ³¹	lem ³¹
444	snail1	pi ³³	ca ^{ʔ31}	pi ³³	pe ³¹
445	snail2	lü ^{ʔ35}	pæk ³¹	lju ³³	le ³⁵
446	snake1	ʔi ³³	ʔu ³³	ʔi ^{ʔ33}	ʔi ³³
447	snake2	lo ^{ʔ33}	laŋ ³³	–	laŋ ³³
448	sneeze1	ha ³³	hat ³⁵	hat ³¹	ha ³⁵
449	sneeze2	p ^h i ³³	c ^h əi ³¹	si ³¹	tsi ³¹
450	sneeze3	ji ³³	–	–	–
451	snore1	toŋ ³¹	–	toŋ ³⁵¹	toŋ ³¹
452	snore2	–	klaŋ ³⁵¹	–	k ^h loŋ ³¹
453	snore3	–	–	miŋ ³³	–
454	some1	ti ³¹	ka ³³	t ^h i ³¹	bja ³⁵
455	some2	p ^h iŋ ³³	jaŋ ³⁵¹	mü ³³	ka ³¹
456	sour	c ^h en ³³	c ^h en ³⁵	sæn ³³	c ^h an ³⁵
457	space under house1	k ^h an ³⁵	ko ³¹	p ^h in ³⁵	ko ³³

458	space under house2	–	lɔk ³⁵	–	lɔk ³³
459	speak	kau ³¹	ci ³¹	ce ³¹	ca ³⁵
460	spicy, hot	p ^h i ³⁵	p ^h i ³³	p ^h i ³⁵	p ^h i ³⁵
461	spider web	pam ³¹	ce ³¹	pam ³¹	kaŋ ³³
462	spider1	naŋ ³¹	lam ³³	mup ³⁵	la ³⁵
463	spider2	k ^h iə ³³	–	–	kaŋ ³³
464	spit1	–	k ^h an ³¹	k ^h at ³¹	k ^h a ³⁵
465	spit2	–	laŋ ³¹	laŋ ³³	–
466	spit3	–	p ^h it ³⁵¹	p ^h it ³¹	–
467	spit4	–	–	–	–
468	split1	p ^h a ³³	plak ³¹	p ^h a ³¹	p ^h a ³⁵
469	split2	–	–	–	–
470	spoon1	kɔn ³³	kɔn ³¹	sot ³¹	t ^h ɔŋ ³¹
471	spoon2	–	–	tam ³³	kin ³⁵
472	stab	t ^h aŋ ³³	tsau ³⁵	t ^h iŋ ³³	tsam ³¹
473	stand	ja ³¹	cuj ³⁵	t ^h a ³¹	jap ³¹
474	star1	pi ³³	ʔu ³³	p ^h i ³³	pja ³¹
475	star2	ki ³⁵	ki ³³	ki ³³	ki ³⁵
476	steal1	c ^h o ³⁵	–	t ^h aŋ ³¹	–
477	steal2	–	kau ³¹	k ^h iŋ ³⁵¹	xu ³¹
478	steal3	c ^h u ³¹	–	–	–
479	steam1	ho ³³	haŋ ³¹	haŋ ³¹	–
480	steam2	ʔam ³⁵	buŋ ³⁵	hu ³	ʔim ³⁵
481	stone1	loŋ ³³	lɔ ³³	la ³¹	ho ³³
482	stone2	maɪ ^{ʔ33}	ba ³³	p ^h u ^{ʔ35}	ba ³³
483	straight	cu ³³	si ³³	miŋ ³⁵	po ³⁵
484	strong	hai ³³	kæn ³⁵	k ^h ej ³³	k ^h aŋ ³⁵
485	suck	nuŋ ³³	c ^h ɔk ³¹	taŋ ³¹	duŋ ³¹
486	sugar cane1	poŋ ³¹	poŋ ³¹	pin ³³	poŋ ³¹
487	sugar cane2	c ^h i ³³	c ^h au ³¹	siŋ ³¹⁵	c ^h i ³⁵
488	sun	naŋ ³³	niŋ ³¹	niŋ ³⁵	liŋ ³⁵
489	swallow1	mü ³³	naŋ ³⁵	naŋ ³¹	bwe ³⁵
490	swallow2	pi ³⁵	–	–	–
491	sweat1	ku ³¹	muŋ ³¹	–	ku ³³
492	sweat2	c ^h u ³¹	ni ³¹	luŋ ³¹	c ^h o ³⁵
493	sweet	c ^h u ³³	c ^h au ³⁵	siŋ ³⁵	c ^h i ³³

494	swell	p ^h u ³¹	puŋ ³⁵	puŋ ³⁵	p ^h u ³¹
495	swim	ʔoŋ ³³	loi ³⁵¹	loi ³¹	ʔoŋ ³¹
496	tail1	tom ³³	təŋ ³¹	to ³³	təŋ ³³
497	tail2	mi ³¹	ji ³³	m̄in ³³	mi ³³
498	take	c ^h o ³¹	c ^h i ³¹	si ³³	ju ³⁵
499	tall	mo ³³	məŋ ³¹	na ³¹	məŋ ³¹
500	ten	sip ³⁵	sæ ³¹	sip ³³	c ^h e ³⁵
501	termite	pün ³³	hən ³¹	p ^h i ³³	pim ³¹
502	that	t ^h i ³³	hæŋ ³³	læ ³¹	k ^h a ³⁵
503	thick	t ^h u ³³	tu ³⁵	t ^h u ³³	t ^h u ³⁵
504	thigh	poŋ ³³	poŋ ³⁵	tə ³³	poŋ ³⁵
505	thin	pa ³³	pa ³⁵¹	pa ³¹	pa ³¹
506	think	tu ³³	kit ³⁵	ʔau ³¹	nu ³¹
507	thirsty	me ³³	bæŋ ³⁵¹	bat ³¹	ki ³¹
508	this	ni ³³	nu ³⁵	ʔi ³¹	ja ³⁵
509	thorn1	c ^h u ³¹	c ^h u ³¹	ʃu ³¹	tsu ³¹
510	thorn2	c ^h u ³¹	—	—	—
511	thousand	p ^h an ³³	pan ³³	p ^h an ³¹	pan ³¹
512	three	sam ³⁵	sam ³³	sam ³¹	sem ³⁵
513	throw (get fruit)1	pen ³¹	laŋ ³¹	bit ³¹	pen ³¹
514	throw (get fruit)2	—	liŋ ³¹	—	—
515	throw away1	ci ³⁵	wiŋ ³⁵	bit ³¹	pen ³¹
516	throw away2	—	—	—	—
517	thunder1	məŋ ³³	muŋ ³¹	məŋ ³³	məŋ ³¹
518	thunder2	ce ³³	ce ³³	ce ³¹	ce ³¹
519	tie	p ^h i ³³	p ^h iŋ ³⁵	p ^h i ³¹	p ^h i ³¹
520	tiger1	ca ³³	t ^h a ³¹	t ^h a ³³	c ^h a ³³
521	tiger2	la ³³	la ³³	la ³³	la ³¹
522	tired	tu ³³	mit ³⁵¹	du ³¹	du ³¹
523	to dry	la ³¹	lau ³³	lap ³³	ki ³¹
524	tomorrow1	nu ³¹	di ³¹	na ³⁵¹	ŋaŋ ³⁵
525	tomorrow2	si ³³	c ^h i ³³	ʔə ³¹⁵	—
526	tongue	la ³⁵	la ³¹	la ³⁵	—
527	tooth1	su ³¹	sə ³¹	sə ³¹	sə ³¹
528	tooth2	—	p ^h e ³¹	—	—
529	tree1	hi ³¹	tsiŋ ³¹	tat ³¹	si ³¹

530	tree2	caŋ ³³	tsiŋ ³³	tiŋ ³⁵	siŋ ³⁵
531	trousers1	ki ³³	tiŋ ³¹	–	–
532	trousers2	c ^h əŋ ³¹	tsəŋ ³¹	səŋ ³¹⁵	tse ³¹
533	turn	p ^h iə ³⁵	leo ³⁵	k ^h ot ³¹	ko ³¹
534	turtle1	tau ³³	ʔu ³³	–	piə ³¹
535	turtle2	k ^h am ³¹	hoŋ ³¹	poŋ ³⁵	piə ³⁵
536	two	ni ³³	səŋ ³¹	het ³¹	ji ³¹
537	urine1	ʔi ³¹	ʔi ³¹	ʔi ³¹	ʔa ²³
538	urine2	ʃi ³⁵	c ^h i ³¹	–	si ³⁵
539	village	k ^h əŋ ³¹	k ^h əŋ ³¹	k ^h əŋ ³¹	p ^h u ³⁵
540	vomit	p ^h i ³³	pa ³¹	p ^h at ³¹	p ^h e ³¹
541	wait	toŋ ³³	loŋ ³¹	taŋ ³¹	taŋ ³¹
542	walk	ʔi ³⁵	jo ³¹	ji ³³	ʔe ³⁵
543	wall (of house)	t ^h i ³¹	piə ³³	piə ³⁵	t ^h e ³¹
544	wash (dishes)	ʃi ³³	cə ³⁵¹	t ^h i ³¹	tsap ³¹
545	wash (vegetables)	ʃi ³³	si ³¹	t ^h i ³¹	c ^h i ³³
546	water	c ^h u ²³¹	laŋ ³³	laŋ ³³	c ^h o ³¹
547	weak1	ma ³³	–	ba ³¹	–
548	weak2	fai ³¹	–	k ^h ej ³³	ka ³¹
549	weep	ʔu ³³	ʔuŋ ³⁵	ʔu ³³	ʔuŋ ³⁵
550	wet	cen ³³	cen ³³	cen ³³	can ³⁵
551	what?	nu ³³	cə ³¹⁵	tæn ³⁵	t ^h ə ³¹
552	when?	lup ³¹	lɔm ³⁵¹	juŋ ³⁵	hi ³⁵
553	where?	kiə ³³	kəŋ ³⁵¹	ka ³¹	huə ³⁵
554	whistle1	c ^h u ³³	c ^h en ³³	sɔn ³³	c ^h o ³⁵
555	whistle2	c ^h u ³³	c ^h en ³³	sɔn ³³	c ^h o ³¹
556	white	p ^h iu ³³	pɔn ³¹	cin ³³	p ^h u ³⁵
557	who?	su ³³	saŋ ³⁵	ŋa ³³	saŋ ³⁵
558	wide, broad	ke ³³	kli ³⁵	kuəŋ ³⁵	geŋ ³¹
559	wife1	k ^h am ³¹	k ^h a ³¹	k ^h a ³¹	–
560	wife2	ma ²³³	ba ³³	ba ³¹	bi ³¹
561	wind1	hom ³³	haŋ ³³	ha ³³	ho ³⁵
562	wind2	me ³³	man ³³	man ³³	ban ³⁵
563	wing	toŋ ³³	təŋ ³³	toŋ ³⁵	toŋ ³⁵
564	wink	mi ³³	blum ³⁵	mit ³³	miən ³⁵
565	winnow (rice)	ʔai ³³	kə ³¹	kiə ³³	ga ³⁵

566	wipe	ʃi ³³	cet ³¹	pat ³¹	c ^h i ³³
567	woman1	k ^h a ³³	k ^h a ³¹	k ^h a ³¹	kau ³¹
568	woman2	ma ³³	ba ³³	bai ³³	ba ³⁵
569	woman3	ya ³¹	ja ³³	ja ³¹	—
570	work1	ʔo ³³	kan ³³	bik ³³	kan ³¹
571	work2	ji ³¹	wa ³³	tæŋ ³³	—
572	wring	cup ³⁵	tsuŋ ³⁵	t ^h up ³⁵¹	tsu ³¹
573	wrong1	m ³³	ba ³¹	—	—
574	wrong2	p ^h ət ³³	ka ³⁵¹	p ^h it ³³	tsaŋ ³¹
575	yawn	fiə ³¹³	miə ³¹	m̩iə ³⁵¹	huə ³⁵
576	year	ni ^{ʔ31}	pi ³¹	ni ³¹	xo ³¹
577	yellow	si ³³	c ^h i ³⁵	c ^h i ³⁵	si ³⁵
578	yesterday	mi ³³	miŋ ³³	m̩en ³⁵	mi ³⁵
579	younger sibling1-1	ci ³¹	p ^h æ ³³	ji ³⁵	ji ³⁵
580	younger sibling1-2	—	—	—	—
581	younger sibling2-1	ci ³¹	pɔ ³⁵¹	ji ³⁵	ji ³⁵
582	younger sibling2-2	—	—	—	—