

Sumsgiwa

liujip0

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Contents

Util	4
0.1 gen - language text generator	4
1 Introduction	5
2 Typology	6
2.1 Word Order	6
2.2 Morphological Typology	6
2.2.1 Synthesis	6
2.2.2 Fusion	6
2.2.3 Morphological Processes	6
3 Phonology	7
3.1 Consonants	7
3.2 Vowels	7
3.3 Syllable Structure	7
3.4 Stress	8
4 Grammar	9
4.1 Parts of Speech	9
4.1.1 Nouns	9
4.1.1.1 Noun Phrases	9
4.1.1.2 Noun Cases	9
4.1.1.3 Gender	9
4.1.2 Verbs	10
4.1.2.1 Verb Phrases	10
4.1.2.2 Mood	10
4.1.2.3 Aspect	10
4.1.2.4 Agreement with Nouns	11
4.1.2.4.1 Subject Gender	11

4.1.2.4.2	Agent Gender	11
4.1.2.4.3	Patient Gender	11
4.1.3	Adjectives	11
4.1.3.1	Agreement with Nouns	11
4.1.3.1.1	Case	12
4.1.3.1.2	Gender	12
4.1.4	Adverbs	12
4.1.4.1	Agreement with Verbs	12
4.1.4.1.1	Aspect	12
4.1.4.2	Agreement with Adjectives	12
4.1.4.2.1	Gender	13
4.1.5	Pronouns	13
4.1.5.1	Human	14
4.1.5.2	Animate	14
4.1.5.3	Inanimate	15
4.1.6	Adpositions	15
4.2	Noun and Noun-Phrase Operations	15
4.2.1	Noun-Noun Compounding	15
4.2.2	Denominalization	15
4.2.3	Adjectivization	15
4.2.4	Determiners	16
4.2.4.1	Demonstratives	16
4.2.4.2	Distributive Determiners	16
4.2.4.3	Determiners of Difference	16
4.3	Verb and Verb-Phrase Operations	17
4.3.1	Negation	17
4.3.2	Interrogatives	17
4.3.2.1	Yes/No Questions	17
4.3.2.2	Content Questions	17
4.3.3	Imperatives	18
4.3.3.1	Polite Imperatives	18
4.3.4	Causatives	18
4.3.5	Possessor Raising	18
4.3.6	Argument Omission	18
4.3.7	Verb Compounding	18
4.3.7.1	Noun Incorporation	18
4.3.7.1.1	Subject/Agent Incorporation	18
4.3.7.1.2	Patient Incorporation	18
4.3.7.2	Verb-Verb Incorporation	18
4.3.8	Nominalization	19
4.3.8.1	Action Nominalization	19
4.3.8.2	Agent/Subject Nominalization	19
4.3.8.3	Patient Nominalization	19
4.3.8.4	Instrument Nominalization	19
4.3.8.5	Location Nominalization	19

4.3.8.6	Product Nominalization	19
4.3.9	Adjectivization	19
4.4	Adjective and Adverb Operations	19
4.4.1	Derivational Morphology	19
4.4.2	Comparatives and Superlatives	20
4.5	Clause Operations	20
4.5.1	Left-Dislocation	20
4.5.2	Cleft Constructions	21
4.6	Simple Sentences	21
4.6.1	Simple Declarative Sentences	21
4.6.2	Predicate Nominals	21
4.6.3	Predicate Adjectives	21
4.6.4	Predicate Locatives	21
4.6.5	Existentials	21
4.6.6	Possessive Clauses	21
4.7	Clause Combinations	21
4.7.1	Complement Clauses	21
4.7.2	Adverbial Clauses	22
4.7.3	Relative Clauses	22
4.7.4	Coordination	22
4.7.4.1	Conjunction	22
4.7.4.2	Disjunction	22
5	Quantifiers	23
5.1	Numerals	23
5.1.1	Human	23
5.1.2	Animate	24
5.1.3	Inanimate	26
5.2	D-Quantifiers	28
5.3	A-Quantifiers	29
6	Lexicon	30
7	Translations	34
7.1	Conlang Syntax Test Cases	34
Glossary		45
Acronyms		45
Glossing Abbreviations		45

Util

0.1 gen - language text generator

<https://www.zompist.com/gen.html>

[Categories are in the source code]

[Syllable types are in the source code]

1 Introduction

2 Typology

2.1 Word Order

The default sentence structure in Sumsgiya is VAP/VS (VSO). Negative clauses are AVP/SV (SVO), and nouns can be topicalized by moving them to the front of the clause.

2.2 Morphological Typology

2.2.1 Synthesis

Sumsgiya is a somewhat polysynthetic language, with many morphemes occurring in each word.

2.2.2 Fusion

Sumsgiya is highly agglutinative, with most morphemes having only one meaning.

2.2.3 Morphological Processes

Sumsgiya inflects its words mostly through the use of prefixes. There are also a few suffixes and stem modifications.

3 Phonology

3.1 Consonants

	Bilabial		Alveolar		Postalveolar		Palatal	Labiovelar	Velar	
Plosive	[p ^h] /p/ $\langle p \rangle$	[b] /b/ $\langle b \rangle$	[t ^h] /t/ $\langle t \rangle$	[d] /d/ $\langle d \rangle$					[k ^h] /k/ $\langle k \rangle$	[g] /g/ $\langle g \rangle$
Nasal			[m] /m/ $\langle m \rangle$	[n] /n/ $\langle n \rangle$					[ŋ] /ŋ/ $\langle \tilde{n} \rangle$	
Fricative			[s] /s/ $\langle s \rangle$	[z] /z/ $\langle z \rangle$	[ʃ] /ʃ/ $\langle \check{s} \rangle$	[ʒ] /ʒ/ $\langle \check{z} \rangle$				
Approximant							[j] /j/ $\langle y \rangle$	[w] /w/ $\langle w \rangle$		
Affricate			[ts] /ts/ $\langle c \rangle$	[dz] /dz/ $\langle \check{z} \rangle$	[tʃ] /tʃ/ $\langle \check{c} \rangle$	[dʒ] /dʒ/ $\langle j \rangle$				

3.2 Vowels

	Front	Back
Close	[i] /i/ $\langle i \rangle$	[u] /u/ $\langle u \rangle$
Mid	[e ~ ε] /e/ $\langle e \rangle$	[o] /o/ $\langle o \rangle$
Open	[a] /a/ $\langle a \rangle$	

3.3 Syllable Structure

Syllables in Sumsgiwa consist of an onset, a nucleus, and a rhyme. Most syllables are open. Syllable possibilities:

CV(N)

C = p, b, t, d, k, g, m, n, ň, s, z, š, ž, y, w, c, ž, č, j

V = i, u, e, o, a

N = m, n, ň

SPV(N)

S = s, š

P = b, d, g

V = i, u, e, o, a

N = m, n, ň

3.4 Stress

Stress always falls on the penultimate syllable of the word stem and does not move when prefixes or suffixes are added.

4 Grammar

4.1 Parts of Speech

4.1.1 Nouns

4.1.1.1 Noun Phrases

Noun phrases are structured as follows:

[Adposition]
[Ordinal]
Case-NOUN STEM-[Augmentative/Diminutive]
[Adjective(s)]
[Comparative]
[Cardinal/Quantifier]
[Demonstrative]
[Genitive]
[Relative Phrase]

[] = optional part of noun phrase

4.1.1.2 Noun Cases

There are 5 cases in Sumsgiwa indicated using prefixes:

Nominative nom Subject of an intransitive verb

Ergative erg Agent of a transitive verb

Accusative acc Patient of a transitive verb

Dative dat Indirect object of a verb

Genitive gen Modifier of another noun

Nominative NOM	$\langle ja \rangle -$	ј
Ergative ERG	$\langle di \rangle -$	đ
Accusative ACC	$\langle ša \rangle -$	š
Dative DAT	$\langle šo \rangle -$	š
Genitive GEN	$\langle ne \rangle -$	н

4.1.1.3 Gender

There are 3 genders, and nouns are categorized purely through semantics, rather than through phonology or spelling.

Human h Humans, body parts, nouns relating to language

Animate an Animals, thoughts

Inanimate inan Objects, plants, fungi

Both adjectives and verbs must agree with nouns in gender.

4.1.2 Verbs

4.1.2.1 Verb Phrases

Verb phrases are structured as follows:

[Question Particle]

Mood-Aspect-VERB STEM-Gender of S-Gender of A-Gender of P

[Adverb(s)]

[] = optional part of verb phrase

4.1.2.2 Mood

Verbs have 4 moods marked using prefixes:

Indicative ind Default, all realis statements

Optative opt Wishes, hopes, and desires

Deontic deo How things “ought” to be

Subjunctive sjv All other irrealis statements

Indicative IND	Ø- or ⟨s⟩-	□
Optative OPT	⟨šd⟩-	□
Deontic DEO	⟨šuč⟩-	□
Subjunctive SJV	⟨y⟩-	□

Imperative statements use the deontic mood. [See 4.3.3 Imperatives]

4.1.2.3 Aspect

Verbs have 4 aspects marked with prefixes:

Perfective pfv Complete action as a single event in time

Habitual hab Habitual actions (repetition over multiple occasions)

Iterative iter Repeated actions (repetition at a single occasion)

Progressive prog Action in progress at a specific time (incl. continuous)

Perfective PFV	-Ø- or -⟨e⟩-	𠂇
Habitual HAB	-⟨ini⟩-	𠂇𠂇
Iterative ITER	-⟨i⟩-	𠂇
Progressive PROG	-⟨a⟩-	𠂇

4.1.2.4 Agreement with Nouns

Verbs agree with their subject, agent, and patient arguments in gender.

4.1.2.4.1 Subject Gender

Human H	-⟨po⟩	𠁻
Animate AN	-⟨žu⟩	𠁼
Inanimate INAN	-⟨šbi⟩	𠁼

4.1.2.4.2 Agent Gender

Human H	-⟨jo⟩-	𠁻
Animate AN	-⟨če⟩-	𠁻
Animate AN	-⟨sba⟩-	𠁼

4.1.2.4.3 Patient Gender

Human H	-⟨pon⟩	𠁻𠁻
Animate AN	-⟨šum⟩	𠁼𠁻
Inanimate INAN	-⟨žo⟩	𠁼

4.1.3 Adjectives

Adjectives are structured as follows:

Case-ADJECTIVE STEM-Gender

4.1.3.1 Agreement with Nouns

Adjectives agree with the nouns they modify in case and gender.

4.1.3.1.1 Case

Nominative NOM	$\langle \text{ča} \rangle\text{-}$	č
Ergative ERG	$\langle \text{ti} \rangle\text{-}$	č
Accusative ACC	$\langle \text{ša} \rangle\text{-}$	š
Dative DAT	$\langle \text{šo} \rangle\text{-}$	š
Genitive GEN	$\langle \text{ne} \rangle\text{-}$	n

4.1.3.1.2 Gender

Human H	-⟨po⟩	◐
Animate AN	-⟨žu⟩	◑
Inanimate INAN	-⟨šbi⟩	●

4.1.4 Adverbs

Adverb structure:

Aspect-ADVERB STEM

or

ADVERB STEM-Gender

4.1.4.1 Agreement with Verbs

Adverbs follow the verbs they modify and agree with them in aspect.

4.1.4.1.1 Aspect

Perfective PFV	\emptyset -	
Habitual HAB	$\langle ni \rangle$ -	
Iterative ITER	$\langle neye \rangle$ -	 
Progressive PROG	$\langle na \rangle$ -	

4.1.4.2 Agreement with Adjectives

Adverbs follow the adjectives they modify and agree with them in gender.

4.1.4.2.1 Gender

Human H	-⟨po⟩	𠎤
Animate AN	-⟨šu⟩	𠎥
Inanimate INAN	-⟨šbe⟩	𠎦

4.1.5 Pronouns

There are different pronoun forms for each of the 5 cases. Pronouns in Sumsgiya distinguish between 1st person exclusive and 1st person inclusive, and there are 3 politeness levels for 2nd person pronouns. In addition, there are 3 sets of pronouns for each of the 3 genders.

First person exclusive 1ex 1st person, excluding the hearer

First person inclusive 1in 1st person, including the hearer

Second person polite 2pol 2nd person, used in formal or neutral circumstances

Second person humiliative 2hum 2nd person, used when speaking to figures of authority, elders, etc.

Second person familiar 2fam 2nd person, used when speaking to friends and/or family members

Third person 3 3rd person

4.1.5.1 Human

	Nominative NOM	Ergative ERG	Accusative ACC	Dative DAT	Genitive GEN
First person exclusive 1EX	⟨yem⟩ ယော	⟨ya⟩ ယ	⟨yu⟩ ယူ	⟨yežo⟩ ယံ့စွာ	⟨yañi⟩ ယံ့အို
First person inclusive 1IN	⟨žem⟩ ဇံ့မြေ	⟨ža⟩ ဇံ	⟨žu⟩ ဇံ့ဗု	⟨žežo⟩ ဇံ့စွာ	⟨žinī⟩ ဇံ့အို
Second person polite 2POL	⟨jišbem⟩ ၂၂၁ၢာ	⟨jišba⟩ ၂၃၁ၢာ	⟨jišbu⟩ ၂၃၁ၢု	⟨jižo⟩ ၂၃၁ၢွာ	⟨jiši⟩ ၂၃၁ၢ္ာ
Second person humiliative 2HUM	⟨žešbem⟩ ၂၃၁ၢာ	⟨žešba⟩ ၂၃၁ၢာ	⟨žešbu⟩ ၂၃၁ၢု	⟨žežo⟩ ၂၃၁ၢွာ	⟨žeši⟩ ၂၃၁ၢ္ာ
Second person familiar 2FAM	⟨šbem⟩ ၂၃၁	⟨šba⟩ ၂၃	⟨šbu⟩ ၂၃ၢု	⟨šežo⟩ ၂၃၁ၢွာ	⟨šbiñi⟩ ၂၃၁ၢို
Third person 3	⟨čem⟩ ၂၃၁	⟨ča⟩ ၂၃	⟨ču⟩ ၂၃ၢု	⟨čužo⟩ ၂၃၁ၢွာ	⟨čañi⟩ ၂၃၁ၢ္ာ

4.1.5.2 Animate

	Nominative NOM	Ergative ERG	Accusative ACC	Dative DAT	Genitive GEN
Second person 2	⟨consi⟩ ၂၄၁ၢူ	⟨consan⟩ ၂၄၁ၢးၢူ	⟨conso⟩ ၂၄၁ၢ်ၢူ	⟨sonsuče⟩ ၂၄၁ၢ်ၢူၢူ	⟨consuči⟩ ၂၄၁ၢ်ၢူၢ္ာ
Third person 3	⟨si⟩ ၂ၢူ	⟨san⟩ ၂ၢးၢူ	⟨so⟩ ၂ၢ်ၢူ	⟨suče⟩ ၂ၢ်ၢူၢူ	⟨suči⟩ ၂ၢ်ၢူၢ္ာ

4.1.5.3 Inanimate

	Nominative NOM ERG	Ergative ERG ACC	Accusative ACC DAT	Dative DAT GEN	
Third person 3	⟨yo⟩ 𠁧	⟨zin⟩ 𠁮𠁤	⟨je⟩ 𠁮	⟨sayo⟩ 𠁮𠁧	⟨zeyo⟩ 𠁮𠁯

4.1.6 Adpositions

Sumsgiya uses prepositions that take uninflected nouns. The prepositional phrases follow the verb. However, some functions usually covered by adpositions in other languages are covered by the dative case. When a pronoun acts as the object of a adposition, it takes the dative case.

4.2 Noun and Noun-Phrase Operations

4.2.1 Noun-Noun Compounding

Nouns are compounded by juxtaposition, with the new combined form inflected as one word.

4.2.2 Denominalization

There are two ways nouns can be verbalized, with different meanings. In both cases, morphological changes are applied to the uninflected forms of the nouns.

The prefix ⟨do⟩- converts the noun into a verb meaning “to become [noun].”

- (1) 𠁮𠁧𠁮𠁨𠁮𠁤
dočuzipo čem
 Ø- Ø- do- čuzi-po čem
 IND-PFV-VBZ-man-H 3.H.NOM
 “He became a man.” (e.g. “He transitioned.”)

The prefix ⟨ke⟩- changes the noun into a verb that means “to have [noun].”

- (2) 𠁮𠁧𠁮𠁨𠁮𠁤
 sakebišepo čem
 s- a- ke- biše -po čem
 IND-PROG-VBZ-table-H 3.H.NOM
 “They own tables.”

4.2.3 Adjectivization

A noun can take adjectival case and gender markings to become an adjective meaning “similar to [noun].”

- (3) **ဂုဏ်သိမ်ခြင်းများ**
 jakengo žeši čadezužu
ja- *kengo* *žeši* *ča-* *dezu* -žu
 NOM-action 2HUM.H.GEN NOM.ADJZ-jaguar-AN.ADJZ
 “Your actions are jaguar-like!”

4.2.4 Determiners

4.2.4.1 Demonstratives

Demonstratives agree with the nouns they modify in gender, and are split into 3 categories. They go after the nouns they modify.

Proximal prox Close to the speaker

Medial med Close to the listener

Distal dist Far from both the speaker and the listener

	Proximal PROX	Medial MED	Distal DIST
Human H	⟨keši⟩ ကျို့	⟨zišgo⟩ ၏၏	⟨simsbe⟩ ပူးပေါ်
Animate AN	⟨gunzin⟩ မှုပ်ကုပ်	⟨sgaku⟩ ဘု၏	⟨densi⟩ နီးပူး
Inanimate INAN	⟨dazo⟩ ဝါ၏	⟨yezi⟩ ဗို၏	⟨šosu⟩ ဇူးပူး

Sumsgiya does not have demonstrative pronouns, so it uses a demonstrative adjective and a generic noun to specify the same meaning.

4.2.4.2 Distributive Determiners

Distributive determiners agree with the nouns they modify in gender.

See 5.2 D-Quantifiers.

4.2.4.3 Determiners of Difference

Determiners of difference agree with the nouns they modify in gender.

	“another/other”
Human H	⟨dimži⟩ ମୁହଁଜି
Animate AN	⟨tuže⟩ ମୁଝେ
Inanimate INAN	⟨žosa⟩ ମୋତ୍ତା

4.3 Verb and Verb-Phrase Operations

4.3.1 Negation

When verbs are negated, the first consonant of the verb stem changes from a voiced consonant to an unvoiced one, or vice versa, and the clause-level word order changes from VAP/VIS (VSO) to AVP/SV (SVO). If the initial consonant is ⟨y⟩ or ⟨w⟩, it becomes ⟨n⟩, ⟨m⟩, or ⟨ñ⟩, and vice versa. Which one the consonant becomes is unpredictable and must be memorized on a per-word basis.

4.3.2 Interrogatives

4.3.2.1 Yes/No Questions

Yes/no questions are marked by placing the question particle ⟨šgezu⟩ at the beginning of the sentence.

4.3.2.2 Content Questions

Content questions use the same interrogative marker as yes/no questions, ⟨šgezu⟩, but also use the following question words in situ:

Nominative Noun	⟨sensu⟩	ମୁଁବୁ
Ergative Noun	⟨senyu⟩	ମୁଁବୁ
Accusative Noun	⟨senge⟩	ମୁଁବୁ
Dative Noun	⟨senbi⟩	ମୁଁବୁ
Genitive Noun	⟨senžo⟩	ମୁଁବୁ
Time Adverb	⟨šanbi⟩	ମୁଁବୁ
Location Adverb	⟨šanzim⟩	ମୁଁବୁ
Manner Adverb	⟨šanže⟩	ମୁଁବୁ
Purpose/Reason Adverb	⟨šansum⟩	ମୁଁବୁ

4.3.3 Imperatives

Imperatives are in the deontic mood and have either the imperative particle ⟨sesum⟩ or the negative imperative particle ⟨dosika⟩ in front of the sentence. When the speaker is telling the hearer to do something, the agent is dropped and the patient goes into the nominative case.

When both the agent and patient are present in the sentence, the speaker is telling the hearer to ask the agent to perform the action.

4.3.3.1 Polite Imperatives

Polite imperatives use the optative mood instead of the deontic mood. Additionally, the agent is explicitly expressed using either the second person polite 2POL or second person humiliating 2HUM pronouns.

4.3.4 Causatives

Causatives in Sumsgiya are marked with the prefix ⟨kaga⟩- on the fully-inflected verb. The tense/aspect inflections are still for the action itself rather than for causing the action. The causer takes the ergative case while the causee will take either the accusative or dative cases. The dative case is when the causee has little agency in the situation, while the accusative case is when they have some amount of agency.

4.3.5 Possessor Raising

Intransitive verbs with possessed subjects can be expressed as transitive verbs with the possessee as the agent and the possessor as the patient.

4.3.6 Argument Omission

Any argument of a verb can be omitted as long as the omitted noun is clear from context.

4.3.7 Verb Compounding

4.3.7.1 Noun Incorporation

4.3.7.1.1 Subject/Agent Incorporation

Subjects and agents are incorporated by moving their uninflected forms before the verb stem. Any prefixes that go on the verb will move to before the incorporated noun.

4.3.7.1.2 Patient Incorporation

Patients are incorporated by moving their uninflected forms after the verb stem. Any suffixes the verb may take will go after the incorporated patient.

4.3.7.2 Verb-Verb Incorporation

Verbs are compounded by juxtaposition, with inflections applied to the new combined word.

4.3.8 Nominalization

4.3.8.1 Action Nominalization

Action nominalization is achieved by adding case markings onto the uninflected form of the verb.

4.3.8.2 Agent/Subject Nominalization

Sumsgiya nominalizes the typical agent or subject of a verb by adding the prefix ⟨juzi⟩- to its uninflected form.

4.3.8.3 Patient Nominalization

The typical patients of verbs are nominalized by adding the suffix -(sokuñ) to the verbs' uninflected forms.

4.3.8.4 Instrument Nominalization

Sumsgiya nominalizes the typical instruments of a verb by adding the suffix -⟨sodise⟩ to its uninflected form.

4.3.8.5 Location Nominalization

Sumsgiya nominalizes the typical locations where a verb happens by adding the suffix -⟨gomsa⟩ to its uninflected form.

4.3.8.6 Product Nominalization

Sumsgiya nominalizes the typical products of the action represented by a verb by adding the suffix -⟨sigo⟩ to its uninflected form.

4.3.9 Adjectivization

A verb can be turned into an adjective that describes nouns that have had the action done to them using the suffix -⟨žuša⟩ on the uninflected form of the verb.

- (4) 
jašikunso čažumsežušabi
ja- *šikunso* *ča-* *žumse-* *žuša* *-šbi*
NOM-ball NOM-break -ADJZ-INAN
“The ball is broken.”

4.4 Adjective and Adverb Operations

4.4.1 Derivational Morphology

Any adjective can take adverbial grammar markings, and vice versa.

4.4.2 Comparatives and Superlatives

The comparative form of an adjective or adverb is formed by reduplicating the first syllable of the word stem.

- (5) **žužušo**
žu~ žušo
CMPR~pretty
“prettier”

There are two comparative constructions in Sumsgiya.

The construction used for both adjectives and adverbs is splitting up the statement into two sentences. The adjective or adverb is in the comparative form, and the second, repeated, verb takes no grammatical markings.

- (6) **siniñizužu nibibišen japođe | ñizu nikukuše jašumzan**
s- ini- ñizu-žu ni- bi~ bišen ja- pode
IND-HAB-walk-AN HAB-CMPR~quickly NOM-cat

ñizu ni- ku~ kuše ja- šumzan
walk HAB-CMPR~slowly NOM-dog

“Cats walk quicker than dogs do.” (lit. “Cats walk quickly, dogs walk slowly.”)

The second comparative construction only applies to adjectives. To compare two nouns, the comparative verb *{kogu}* is used. It is only inflected for the gender of the comparee noun using the ergative suffixes. The comparee noun takes the ergative case and the standard noun takes the dative case and the comparative adjective in question.

- (7) **kogujo dikiže šosdandi šožužušopo**
kogu -jo di- kiže šo- sdandi šo- žu~ žušo -po
COMP-H ERG-boy DAT-girl DAT-CMPR~pretty-H
“The boy is prettier than the girl.”

4.5 Clause Operations

4.5.1 Left-Dislocation

Any argument of a verb can be left-dislocated by adding the suffix -⟨sugu⟩.

4.5.2 Cleft Constructions

Sumsgiya has cleft constructions consisting of the noun phrase, the predicate nominal copula [See 4.6.2 Predicate Nominals], and a headless relative clause [See 4.7.3 Relative Clauses], in that order.

4.6 Simple Sentences

4.6.1 Simple Declarative Sentences

Simple declarative sentences in Sumsgiya are expressed with VAP/VVS word order. Transitive verbs agree with both the agent and patient, and intransitive verbs agree with the subject [See 4.1.2.4 Agreement with Nouns].

4.6.2 Predicate Nominals

Predicate nominals use a defective copula COP verb, ⟨se⟩, that inflects for mood but not aspect or gender. These constructions encompass proper inclusion, where something is asserted to be among the class specified by the nominal predicate, and equative clauses, where two things are asserted to be the same.

4.6.3 Predicate Adjectives

Predicate adjectives in Sumsgiya consist of the noun and properly inflected adjective juxtaposed with each other, with no copular verbs or particles.

4.6.4 Predicate Locatives

Predicate locative constructions use the locative adposition, ⟨šim⟩, as a defective verb, inflecting it for mood but not for aspect or gender.

4.6.5 Existentials

Existentials use the same copular verb as predicate nominals, ⟨se⟩, and also only inflect it for mood.

4.6.6 Possessive Clauses

Possessive clauses use the same verb as predicate locatives, ⟨šim⟩, also only inflected for mood. The possessor is placed in the genitive case.

4.7 Clause Combinations

4.7.1 Complement Clauses

Sumsgiya forms complement clauses by adding a case-marking prefix onto the verb.

4.7.2 Adverbial Clauses

Adverbial clauses use an adposition combined with a relative clause. The word expressing the function of the adverbial clause and the relativizer are shortened into one word.

⟨dašo⟩, shortening of ⟨dasbu šužon⟩, is used for temporal clauses meaning “when”.

4.7.3 Relative Clauses

Relative clauses come after the head noun. They are introduced with the relativizer ⟨šužon⟩ and use a pronoun retention strategy for case recoverability. All clause elements can be relativized.

4.7.4 Coordination

4.7.4.1 Conjunction

There is no special morphosyntax for conjunction, with clauses simply juxtaposed next to each other. So, any two clauses in Sumsgiya can be said to be conjoined.

4.7.4.2 Disjunction

Disjunction is expressed with the particle ⟨ziše⟩ inserted between the two clauses.

5 Quantifiers

5.1 Numerals

There are 3 numeral systems in Sumsgiya, each modifying a different gender of noun. The inanimate numerals are used for counting.

5.1.1 Human

Numerals modifying human nouns are base 8.

Octal	Decimal	Sumsgiwa	
0_8	0_{10}	⟨punžon⟩	𢂔𢂕𢂕
1_8	1_{10}	⟨žaňe⟩	𢂎𢂕
2_8	2_{10}	⟨šite⟩	𢂔𢂕
3_8	3_{10}	⟨žoye⟩	𢂎𢂚
4_8	4_{10}	⟨daži⟩	𢂎𢂚
5_8	5_{10}	⟨kindu⟩	𢂔𢂕𢂚
6_8	6_{10}	⟨šoku⟩	𢂔𢂕
7_8	7_{10}	⟨pažu⟩	𢂔𢂚
10_8	8_{10}	⟨yesa⟩ ⟨žayeša⟩	𢂎𢂚 𢂎𢂚𢂕
11_8	9_{10}	⟨yesa žaňe⟩ ⟨žayeša žaňe⟩	𢂎𢂚𢂎𢂕 ^{𢂎𢂚𢂕}
12_8	10_{10}	⟨yesa šite⟩ ⟨žayesa šite⟩	𢂎𢂚𢂔𢂕 ^{𢂎𢂚𢂕}
...			
20_8	16_{10}	⟨šiyeša⟩	𢂔𢂚𢂕
21_8	17_{10}	⟨šiyeša žaňe⟩	𢂔𢂚𢂕𢂎𢂚
...			
30_8	24_{10}	⟨žoyeša⟩	𢂎𢂚𢂕
40_8	32_{10}	⟨dayesa⟩	𢂎𢂚𢂚
50_8	40_{10}	⟨kinyesa⟩	𢂔𢂚𢂚𢂚
60_8	48_{10}	⟨šoyeša⟩	𢂔𢂚𢂕

Octal	Decimal	Sumsgiwa	
70_8	56_{10}	⟨payesa⟩	𠁠𠁧𠁩
...			
100_8	64_{10}	⟨žemdo⟩ ⟨žazemdo⟩	𠁰𠁩𠁩 𠁰𠁩𠁩
101_8	65_{10}	⟨žemdo puyesa žaňe⟩ ⟨žazemdo puyesa žaňe⟩	𠁰𠁩𠁩𠁨𠁪𠁩𠁩 𠁰𠁩𠁩𠁨𠁪𠁩𠁩
102_8	66_{10}	⟨žemdo puyesa šite⟩ ⟨žazemdo puyesa šite⟩	𠁰𠁩𠁩𠁨𠁪𠁩𠁩 𠁰𠁩𠁩𠁨𠁪𠁩𠁩
...			
110_8	72_{10}	⟨žemdo yesa⟩ ⟨žazemdo žayeša⟩	𠁰𠁩𠁩𠁧 𠁰𠁩𠁩𠁧𠁤
120_8	80_{10}	⟨žemdo šiješa⟩ ⟨žazemdo šiješa⟩	𠁰𠁩𠁩𠁨𠁤 𠁰𠁩𠁩𠁨𠁤
...			
200_8	128_{10}	⟨šizemdo⟩	𠁨𠁩𠁩
300_8	192_{10}	⟨zozemdo⟩	𠁮𠁩𠁩
400_8	256_{10}	⟨dažemdo⟩	𠁮𠁭𠁩𠁩
500_8	320_{10}	⟨kižemdo⟩	𠁨𠁭𠁩𠁩
600_8	384_{10}	⟨sozemdo⟩	𠁮𠁭𠁩𠁩
700_8	448_{10}	⟨pažemdo⟩	𠁨𠁭𠁩𠁩

5.1.2 Animate

Numerals modifying animate nouns are base 10.

Decimal	Sumsgiwa	
0_{10}	⟨žanžu⟩	𠁮𠁣𠁣
1_{10}	⟨gasdi⟩	𠁮𠁣
2_{10}	⟨dosde⟩	𠁮𠁣
3_{10}	⟨šikim⟩	𠁨𠁣𠁣
4_{10}	⟨beku⟩	𠁨𠁣

Decimal	Sumsgiwa	
5_{10}	$\langle \text{cinsi} \rangle$	៥ᬸ᭕
6_{10}	$\langle \text{šasdum} \rangle$	៥᭟᭕
7_{10}	$\langle \text{kišge} \rangle$	᭟᭔᭕
8_{10}	$\langle \text{žiso} \rangle$	᭟᭕
9_{10}	$\langle \text{zenbe} \rangle$	᭟᭕᭕
10_{10}	$\langle \text{kumsgi} \rangle$	᭟᭕᭕
	$\langle \text{gakumsgi} \rangle$	᭟᭕᭕᭕
11_{10}	$\langle \text{kumsgi gasdi} \rangle$	᭟᭕᭕᭕᭕
	$\langle \text{gakumsgi gasdi} \rangle$	᭟᭕᭕᭕᭕᭕
12_{10}	$\langle \text{kumsgi dosde} \rangle$	᭟᭕᭕᭕᭕᭕
	$\langle \text{gakumsgi dosde} \rangle$	᭟᭕᭕᭕᭕᭕᭕
...		
20_{10}	$\langle \text{dokumsgi} \rangle$	᭟᭕᭕᭕᭕
21_{10}	$\langle \text{dokumsgi gasdi} \rangle$	᭟᭕᭕᭕᭕᭕
...		
30_{10}	$\langle \text{šikumsgi} \rangle$	᭟᭕᭕᭕᭕
40_{10}	$\langle \text{bekumsgi} \rangle$	᭟᭕᭕᭕᭕
50_{10}	$\langle \text{cikumsgi} \rangle$	᭟᭕᭕᭕᭕
60_{10}	$\langle \text{šasgumsi} \rangle$	᭟᭕᭕᭕᭕
70_{10}	$\langle \text{kišgumsi} \rangle$	᭟᭕᭕᭕᭕
80_{10}	$\langle \text{žikumsgi} \rangle$	᭟᭕᭕᭕᭕
90_{10}	$\langle \text{zekumsgi} \rangle$	᭟᭕᭕᭕᭕
...		
100_{10}	$\langle \text{dužo} \rangle$	᭟᭕
	$\langle \text{gadužo} \rangle$	᭟᭕᭕
101_{10}	$\langle \text{dužo žakumsgi gasdi} \rangle$	᭟᭕᭕᭕᭕᭕᭕᭕᭕
	$\langle \text{gadužo žakumsgi gasdi} \rangle$	᭟᭕᭕᭕᭕᭕᭕᭕᭕᭕
102_{10}	$\langle \text{dužo žakumsgi dosde} \rangle$	᭟᭕᭕᭕᭕᭕᭕᭕᭕᭕
	$\langle \text{gadužo žakumsgi dosde} \rangle$	᭟᭕᭕᭕᭕᭕᭕᭕᭕᭕᭕

Decimal	Sumsgiwa	
	...	
110_{10}	$\langle \text{dužo kumsgi} \rangle$ $\langle \text{gadužo gakumsgi} \rangle$	ମରାତ୍ତାନ୍ତିକ ମରାତ୍ତାନ୍ତିକ
120_{10}	$\langle \text{dužo dokumsgi} \rangle$ $\langle \text{gadužo dokumsgi} \rangle$	ମରାତ୍ତାନ୍ତିକ ମରାତ୍ତାନ୍ତିକ
	...	
200_{10}	$\langle \text{dodužo} \rangle$	ମରାତ୍ତାନ୍ତିକ
300_{10}	$\langle \text{šiduzo} \rangle$	ମରାତ୍ତାନ୍ତିକ
400_{10}	$\langle \text{bedužo} \rangle$	ମରାତ୍ତାନ୍ତିକ
500_{10}	$\langle \text{cidužo} \rangle$	ମରାତ୍ତାନ୍ତିକ
600_{10}	$\langle \text{šaduzo} \rangle$	ମରାତ୍ତାନ୍ତିକ
700_{10}	$\langle \text{kidužo} \rangle$	ମରାତ୍ତାନ୍ତିକ
800_{10}	$\langle \text{židuzo} \rangle$	ମରାତ୍ତାନ୍ତିକ
900_{10}	$\langle \text{zedužo} \rangle$	ମରାତ୍ତାନ୍ତିକ

5.1.3 Inanimate

Numerals modifying inanimate nouns are base 12.

Dozenal	Decimal	Sumsgiwa	
0_{12}	0_{10}	$\langle \text{kamda} \rangle$	ମରାତ୍ତାନ୍ତିକ
1_{12}	1_{10}	$\langle \text{šudo} \rangle$	ମରାତ୍ତାନ୍ତିକ
2_{12}	2_{10}	$\langle \text{kiše} \rangle$	ମରାତ୍ତାନ୍ତିକ
3_{12}	3_{10}	$\langle \text{češin} \rangle$	ମରାତ୍ତାନ୍ତିକ
4_{12}	4_{10}	$\langle \text{sgonti} \rangle$	ମରାତ୍ତାନ୍ତିକ
5_{12}	5_{10}	$\langle \text{žago} \rangle$	ମରାତ୍ତାନ୍ତିକ
6_{12}	6_{10}	$\langle \text{pižu} \rangle$	ମରାତ୍ତାନ୍ତିକ
7_{12}	7_{10}	$\langle \text{šdeke} \rangle$	ମରାତ୍ତାନ୍ତିକ
8_{12}	8_{10}	$\langle \text{semendum} \rangle$	ମରାତ୍ତାନ୍ତିକ
9_{12}	9_{10}	$\langle \text{cuše} \rangle$	ମରାତ୍ତାନ୍ତିକ
χ_{12}	10_{10}	$\langle \text{šodu} \rangle$	ମରାତ୍ତାନ୍ତିକ

Dozenal	Decimal	Sumsgiwa	
ξ_{12}	11_{10}	⟨žudan⟩	៥៥ᬸ
10_{12}	12_{10}	⟨boša⟩ ⟨šubosa⟩	៥᭔ ᭕᭘᭔
11_{12}	13_{10}	⟨boša šudo⟩ ⟨šubosa šudo⟩	᭔᭕᭖᭓ ᭕᭘᭔᭖᭓
12_{12}	14_{10}	⟨boša kiše⟩ ⟨šubosa kiše⟩	᭔᭕᭖᭗ ᭕᭘᭔᭖᭗
...			
20_{12}	24_{10}	⟨kiboša⟩	᭕᭘᭔
21_{12}	25_{10}	⟨kibosa šudo⟩	᭕᭘᭔᭖᭓
...			
30_{12}	36_{10}	⟨čeboša⟩	᭔᭘᭔
40_{12}	48_{10}	⟨sgoboša⟩	᭔᭘᭔
50_{12}	60_{10}	⟨žabosa⟩	᭕᭘᭔
60_{12}	72_{10}	⟨piboša⟩	᭔᭘᭔
70_{12}	84_{10}	⟨šdeboša⟩	᭕᭘᭔
80_{12}	96_{10}	⟨sempoša⟩	᭔᭘᭔᭖᭔
90_{12}	108_{10}	⟨cubosa⟩	᭔᭘᭔
$\chi 0_{12}$	120_{10}	⟨šobosa⟩	᭕᭘᭔
$\xi 0_{12}$	132_{10}	⟨žubosa⟩	᭕᭘᭔
...			
100_{12}	144_{10}	⟨košim⟩ ⟨šukošim⟩	᭔᭘᭔ ᭕᭘᭔᭖᭔
101_{12}	145_{10}	⟨košim kamposa šudo⟩ ⟨šukošim kamposa šudo⟩	᭔᭘᭔᭖᭔᭘᭔᭖᭔᭖᭓ ᭕᭘᭔᭖᭔᭘᭔᭖᭔᭖᭓
102_{12}	146_{10}	⟨košim kamposa kiše⟩ ⟨šukošim kamposa kiše⟩	᭔᭘᭔᭖᭔᭘᭔᭖᭔᭖᭔ ᭕᭘᭔᭖᭔᭘᭔᭖᭔᭖᭔
...			
110_{12}	156_{10}	⟨košim boša⟩	᭔᭘᭔᭖᭔

5.2 D-Quantifiers

D-quantifiers agree with nouns in gender.

	Human H	Animate AN	Inanimate INAN
none/zero	⟨zosi⟩ 召 _ム	⟨sodi⟩ 召 _ミ	⟨šugi⟩ 召 _ミ
some/a few	⟨diňšu⟩ 些 _チ	⟨pošu⟩ 些 _チ	⟨čogi⟩ 召 _チ
many/most	⟨šesbun⟩ 多 _チ	⟨sbeso⟩ 多 _ビ	⟨šbase⟩ 多 _バ
each/every	⟨žiže⟩ 各 _ビ	⟨kašo⟩ 各 _カ	⟨žešo⟩ 各 _カ

5.3 A-Quantifiers

Explicit A-quantifiers are not applicable to perfective and progressive aspects.

Meaning	TAM	Adverb	
usually/often	Positive Habitual	⟨tindu⟩	תַּינְדָּעַ
usually doesn't/ only rarely	Negative Habitual	⟨kupišo⟩	תַּקְפִּישָׁוּ
always	Positive Habitual	⟨siyuži⟩	תַּסְיֻזֵּי
never	Negative Habitual	⟨kežin⟩	תַּקְבִּזְזִין
Specified number of repetitions	Positive Iterative	⟨žedun⟩ + INAN numeral	תַּסְלִין

6 Lexicon

https://docs.google.com/spreadsheets/d/1W3hW0CICs0Jzt5hmA5ESSs0ZLXcQeZ_dR1PPZJA39RSg/edit?usp=sharing

piše ፩፭ /piše/ *adj.* • sad.

puža ፩፭ /puža/ *inan. n.* • Unit of length.
A bit longer than an inch.

pešin ፩፭ /pešin/ *v.* • to avoid.

pode ፩፭ /pode/ *an. n.* • cat.

pan ፩፭ /pan/ *advp.* • at; on top of.

biše ፩፭ /bise/ *inan. n.* • table.

bišen ፩፭ /bišen/ *adv.* • quickly.

bižina ፩፭ /bižina/ *v.* • to laugh; to laugh at.

bu ፩ /bu/ *advp.* • following.

bumšon ፩፭ /bumʃon/ *inan. n.* • morning.

tikodo ፩፭ /tikodo/ *v.* • to leave.

timža ፩፭ /timža/ *inan. n.* • solstice.

tiñzim ፩፭ /tiñzim/ *inan. n.* • flower.

tunžu ፩፭ /tunžu/ *adj.* • happy.

tego ፩፭ /tego/ *inan. n.* • Unit of length,
 $1000_{12} = 1728_{10}$ šudo. About one-third of a mile.

težuñ ፩፭ /težuñ/ *inan. n.* • everywhere.

dizuža ፩፭ /dizuža/ *v.* • to lose (an object).

dižen ፩፭ /dižen/ *h. n.* • sibling.

du ፩ /du/ *advp.* • near; next to.

dugaša ፩፭ /dugaša/ *inan. n.* • rainwater.

duzo ፩ /duzo/ *adj.* • wild, barbaric.

dušdudi ፩፭ /dušdudi/ *an. n.* • robin.

dušam ፩፭ /dušam/ *h. n.* • person, human.

dem ፩ /dem/ *advp.* • inside; at (a time), when.

dem ፩ /dem/ *v.* • to sit.

dempi ፩፭ /dempi/ *an. n.* • river current.

demzu ፩፭ /demzu/ *adv.* • already.

denšañ ፩፭ /denšañ/ *an. n.* • summer.

denžu ፩፭ /denžu/ *v.* • to write.

desbo ፩ /desbo/ *v.* • to be born.

desige ፩፭ /desige/ *adv.* • again.

dese ፩ /dese/ *adv.* • probably, likely.

dezu ፩ /dezu/ *h. n.* • jaguar.

do ፩ /do/ *advp.* • toward.

dosen ᠮᠤᠱ /dosen/ *inan.* *n.* • evening.

došbi ᠮᠶ /došbi/ *v.* • to stop, to finish.

dožešo ᠮᠶᠱ /dodžešo/ *v.* • to jump; to hop.

danšu ᠮᠶᠱ /danšu/ *an.* *n.* • fire.

dasbu ᠮᠶ /dasbu/ *inan.* *n.* • point in time.

kibešu ᠮᠶᠱ /kibešu/ *h.* *n.* • neighbor.

kiken ᠮᠶᠱ /kiken/ *adj.* • neat.

kisgan ᠮᠶᠱ /kisgan/ *v.* • to pick up (a person).

kiši ᠮᠶ /kiši/ *inan.* *n.* • light.

kišudin ᠮᠶᠱ /kišudin/ *adj.* • old.

kiže ᠮᠶ /kiže/ *h.* *n.* • boy.

ku ᠮ /ku/ *v.* • to go.

kuše ᠮᠶ /kuše/ *adv.* • slowly.

kengo ᠮᠶᠱ /kengo/ *an.* *n.* • action.

keñ ᠮᠶ /keñ/ *adv.* • now; currently.

kešde ᠮᠶ /kešde/ *inan.* *n.* • there (medial, near listener). Can refer to specific place or anywhere near speaker depending on context. In contrast to ⟨sbiža⟩ and ⟨žanti⟩.

kešgi ᠮᠶ /kešgi/ *v.* • to roll.

keše ᠮᠶ /keše/ *adv.* • in the past, a long time ago.

keša ᠮᠶ /keša/ *adj.* • good; well.

kon ᠮᠶ /kon/ *v.* • to eat.

kon ᠮᠶ /kon/ *adv.* • with (comitative).

kože ᠮᠶ /kože/ *inan.* *n.* • town; village.

kaži ᠮᠶ /kaži/ *inan.* *n.* • nighttime.

gidum ᠮᠶ /gidum/ *inan.* *n.* • daytime.

ginsbu ᠮᠶ /ginsbu/ *v.* • to rise.

gise ᠮᠶ /gise/ *inan.* *n.* • mountain.

getu ᠮᠶ /getu/ *adv.* • soon.

goda ᠮᠶ /goda/ *inan.* *n.* • door.

gošbi ᠮᠶ /gošbi/ *adj.* • black.

gošo ᠮᠶ /gošo/ *adv.* • be able to; can.

gaši ᠮᠶ /gaši/ *v.* • to run.

gažesu ᠮᠶ /gažesu/ *an.* *n.* • animal.

ñizu ᠮᠶ /ñizu/ *v.* • walk (of an animal).

ñeke ᠮᠶ /ñeke/ *an.* *n.* • mist, fog.

s- /s/ *aff.* • indicative verb.

sbiža ᠮᠶ /sbiža/ *inan.* *n.* • here (proximal).

Can refer to specific place or anywhere near speaker depending on context. In contrast to ⟨kešde⟩ and ⟨žanti⟩.

sbo ᠮ /sbo/ *adv.* • facing; across from.

sbaga ʂ̥baɣ /sbaga/ *h.* *n.* • sister.

sde ʂ̥də /sde/ *v.* • to have; to own.

sdandi ʂ̥dən̥di /sdandi/ *h.* *n.* • girl.

sinzi ʂ̥z̥i /sinzi/ *v.* • to come.

sukin ʂ̥k̥i /sukin/ *adj.* • bright.

sedo ʂ̥də /sedo/ *h.* *n.* • woman.

seni ʂ̥ni /seni/ *inan.* *n.* • jungle; forest.

seza ʂ̥n̥i /seza/ *v.* • to wait.

sožašbe ʂ̥ʂ̥ʃ̥be /sožaʃbe/ *v.* • to cooperate.

zige ʂ̥t̥i /zige/ *adv.* • around; surrounding.

zeboyu ʂ̥t̥ju /zebodʒu/ *v.* • to sing.

zom ʂ̥t̥m /zom/ *h.* *n.* • father.

zosdi ʂ̥t̥d̥i /zosdi/ *v.* • to sail in a small boat.

-šbi ʂ̥bi /ʃbi/ *aff.* • verb with inanimate subject.

šbedim ʂ̥b̥edim /ʃbedim/ *adv.* • tomorrow.

šdimša ʂ̥d̥imʂ̥a /ʃdimʃa/ *inan.* *n.* • place, location.

šdeki ʂ̥d̥ekɪ /ʃdeki/ *h.* *n.* • brother.

šgomzi ʂ̥g̥omzɪ /ʃgomzi/ *v.* • to visit.

šikunso ʂ̥k̥unʂ̥o /ʃikunso/ *inan.* *n.* • ball.

šikapo ʂ̥k̥apɔ /ʃikapo/ *v.* • to vacation; to travel.

šinže ʂ̥inʐ̥e /ʃinʒe/ *adj.* • very young; child.

šudo ʂ̥du /ʃudo/ *inan.* *n.* • Unit of length, $10_{12} = 12_{10}$ puža. A bit longer than a foot.

šugu ʂ̥gu /ʃugu/ *an.* *n.* • monkey.

šumzan ʂ̥umʂ̥an /ʃumzan/ *an.* *n.* • dog.

šun ʂ̥n /ʃun/ *adv.* • for (a duration). Does not apply to the perfective aspect.

šebe ʂ̥b̥e /ʃebe/ *v.* • to sleep.

šede ʂ̥d̥e /ʃede/ *h.* *n.* • child.

šemdin ʂ̥emʂ̥in /ʃemdin/ *h.* *n.* • baby.

šo ʂ̥o /ʃo/ *v.* • to look, to see.

šoge ʂ̥g̥e /ʃoge/ *an.* *n.* • winter.

šogo ʂ̥g̥o /ʃogo/ *an.* *n.* • river; stream.

šonyu ʂ̥n̥ɔ /ʃondʒu/ *v.* • to fall.

šožidu ʂ̥ʂ̥ʃ̥du /ʃožidu/ *v.* • to play.

žika ʐ̥ka /ʒika/ *adv.* • very; too.

žinden ʐ̥d̥ində /ʒinden/ *v.* • to dance.

žiwo ʐ̥wɔ /ʒiwo/ *v.* • to hunt.

-žu ʐ̥u /ʒu/ *aff.* • verb with animate subject.

-žu ʐ̥u /ʒu/ *aff.* • animate adjective.

žumse ʐ̥mʂ̥e /ʒumse/ *v.* • to break; to cut.

žuň ڇڳ /ʒuŋ/ *adp.* • after.

žušo ڇڳ /ʒuʃo/ *adj.* • pretty, beautiful, handsome.

žege ڇڳ /ʒege/ *inan. n.* • sky.

žeše ڇڳ /ʒeʃe/ *v.* • to perform.

žokaki ڇڳ /ʒokaki/ *v.* • to live in the wilderness; to live away from civilization.

žojem ڇڳ /ʒodʒem/ *inan. n.* • sun.

žam ڇڳ /ʒam/ *adp.* • to (a location).

žanti ڇڳ /ʒanti/ *inan. n.* • there (distant, far from both listener and speaker). Can refer to specific place or anywhere near speaker depending on context. In contrast to ⟨sbiža⟩ and ⟨kešde⟩.

wisi ۾ /wisi/ *v.* • to know; to understand.

ci ڦ /tsi/ *adp.* • away from.

cižon ڦ /tsižon/ *inan. n.* • school.

že ڌ /dze/ *v.* • to give.

čuzi ڌ /tʃuzi/ *h. n.* • man.

čo ڌ /tʃo/ *adp.* • surrounded by, inside.

čošdaže ڌ /tʃoʃdaže/ *v.* • to shout, to yell.

ča- ڌ /tʃa/ *aff.* • nominative adjective.

ji ڌ /dʒi/ *adp.* • for the purpose of; in order to.

jinka ڌ /dʒinka/ *adv.* • yesterday.

ja- ڌ /dʒa/ *aff.* • nominative noun.

i- ۾ /i/ *aff.* • perfective verb.

a- ۽ /a/ *aff.* • progressive verb.

7 Translations

7.1 Conlang Syntax Test Cases

https://web.archive.org/web/20130603121930/http://fiziwig.com/conlang/syntax_tests.html

- (CSTC.1) ឃិនីសបាដូជីមេសកិសិ
sinižesbažo dižojem šakiši
s- ini- že -sba -žo di- žojem ša- kiši
IND-HAB-give-INAN-INAN ERG-sun ACC-light
“The sun shines.” (lit. “The sun gives light.”)
- (CSTC.2) ឃិកុងិនីសបាដូជីមេសកិសិ
šgezu sinižesbažo dižojem šakiši
šgezu s- ini- že -sba -žo di- žojem ša- kiši
YN HAB-PROG-give-INAN-INAN ERG-sun ACC-light
“Does the sun shine?” (lit. “Does the sun give light?”)
- (CSTC.3) ឃិសីសបាដូជីមេសកិសិ
sežesbažo dižojem šakiši
s- e- že -sba -žo di- žojem ša- kiši
IND-PFV-give-INAN-INAN ERG-sun ACC-light
“The sun shone.” (lit. “The sun gave light.”)
- (CSTC.4) ឃិយិនីសបាដូជីមេសកិសិ
yežesbažo dižojem šakiši
y- e- že -sba -žo di- žojem ša- kiši
SVJ-PFV-give-INAN-INAN ERG-sun ACC-light
“The sun will shine.” (lit. “The sun will give light.”)
- (CSTC.5) ឃិសីសបាដូជីមេសកិសិ
sažesbažo dižojem šakiši
s- a- že -sba -žo di- žojem ša- kiši
IND-PROG-give-INAN-INAN ERG-sun ACC-light
“The sun has been shining.” (lit. “The sun has been giving light.”)

(CSTC.6) ပဲပို့မှုအပ္ပါန်မှုနဲ့ရာတိမြတ်စွာ
 sažesbažo nadesige dižojem šakiši
 s- a- že -sba -žo na- desige di- žojem ša- kiši
 IND-PROG-give-INAN-INAN PROG-again ERG-sun ACC-light
 “The sun is shining again.” (lit. “The sun is giving light again.”)

(CSTC.7) ပဲပို့မှုအပ္ပါန်မှုနဲ့ရာတိမြတ်စွာ
 yežesbažo šbedim dižojem šakiši
 y- e- že -sba -žo Ø- šbedim di- žojem ša- kiši
 SJV-PFV-give-INAN-INAN PFV-tomorrow ERG-sun ACC-light
 “The sun will shine tomorrow.” (lit. “The sun will give light tomorrow.”)

(CSTC.8) မူမှုပဲပို့မှုအပ္ပါန်မှုနဲ့ရာတိမြတ်စွာ
 sinižesbažo nasukin dižojem šakiši
 s- ini- že -sba -žo na- sukin di- žojem ša- kiši
 IND-HAB-give-INAN-INAN PROG-bright ERG-sun ACC-light
 “The sun shines brightly.” (lit. “The sun gives light brightly.”)

(CSTC.9) မူမှုပဲပို့မှုအပ္ပါန်မှုနဲ့ရာတိမြတ်စွာ
 sinižesbažo dižojem tisukinšbi šakiši
 s- ini- že -sba -žo di- žojem ti- sukin -šbi ša- kiši
 IND-HAB-give-INAN-INAN ERG-sun ERG-bright-INAN ACC-light
 “The bright sun shines.” (lit. “The bright sun gives light.”)

(CSTC.10) ပဲပို့ကဲ့မှုအပ္ပါန်မှုနဲ့ရာတိမြတ်စွာ
 sasinzišbi nakeñ jažojem
 s- a- sinzi-šbi na- keñ ja- žojem
 IND-PROG-come-INAN PROG-now NOM-sun
 “The sun is rising now.” (lit. “The sun is coming now.”)

(CSTC.11) မဲ့ဂဲ့ရာတိမြတ်စွာ
 čošdažepo jadušam žiže
 Ø- Ø- čošdaže-po ja- dušam žiže
 IND-PFV-shout -H NOM-person all.H
 “All the people shouted.”

- (CSTC.12) မူကိုရောက်တဲ့မြန်မြန်
čošdažepo jadušam diňšu
 Ø- Ø- čošdaže -po ja- dušam diňšu
 IND-PFV-shout -H NOM-person some.H
 “Some of the people shouted.”

(CSTC.13) မူမူကိုရောက်စူးစူးမြန်မြန်မြန်မြန်
sičošdažepo žedun kiše jadušam šesbun
 s- i- čošdaže-po žedun kiše ja- dušam šesbun
 IND-ITER-shout -H times two.INAN NOM-person many.H
 “Many of the people shouted twice.”

(CSTC.14) မူမူမူကိုရောက်ပူးပူးဖူးဖူး
siničošdažepo jadušam čatunžupo
 s- ini- čošdaže-po ja- dušam ča- tunžu -po
 IND-HAB-shout -H NOM-person NOM-happy-H
 “Happy people often shout.”

(CSTC.15) မင်္ဂလာရောက်မူနှံနှံမြန်မြန်
dožešožu dožege japode čašinžežu
 Ø- Ø- dožešo-žu do- žege ja- pode ča- šinže -žu
 IND-PFV-jump -AN toward-sky NOM-cat NOM-very_young-AN
 “The kitten jumped up.”

(CSTC.16) မင်္ဂလာရောက်မူနှံနှံမူတဲ့မြန်မြန်
dožešožu žambiše japode čašinžežu
 Ø- Ø- dožešo-žu žam-biše ja- pode ča- šinže -žu
 IND-PFV-jump -AN to_table NOM-cat NOM-very_young-AN
 “The kitten jumped onto the table.”

(CSTC.17) မူ၍ရောက်မူနှံနှံမူတဲ့မြန်မြန်
ñizužu dožanti japode čašinžežu yañi
 Ø- Ø- ñizu-žu do- žanti ja- pode ča- šinže -žu
 IND-PFV-walk-AN toward-there_DIST NOM-cat NOM-very_young-AN
 yañi
 1 EX.H.GEN
 “My little kitten walked away.”

- (CSTC.18) ပြန်စွာပုံစံဖြစ်ဖြတ်
 sašonyušbi jadugaša
 s- a- šonyu-šbi ja- dugaša
 IND-PROG-fall -INAN NOM-rainwater
 “It’s raining.” (lit. “Rainwater is falling.”)
- (CSTC.19) အေးပြန်စွာပုံစံဖြတ်
 šonyušbi jadugaša
 Ø- Ø- šonyu-šbi ja- dugaša
 IND-PFV-fall -INAN NOM-rainwater
 “The rain came down.” (lit. “Rainwater fell.”)
- (CSTC.20) ပြန်စွာပုံစံဖြတ်တောင်းပါးပြန်စွာပုံစံ
 sašožidužu čodugaša japode čašinžežu
 s- a- šožidu-žu čo- dugaša ja- pode ča šinže -žu
 IND-PROG-play -AN surrounded_by-rainwater NOM-cat NOM-very_young-AN
 “The kitten is playing in the rain.”
- (CSTC.21) ပျော်ပြန်စွာပုံစံဖြတ်
 došbišonyušbi jadugaša
 Ø- Ø- došbi-šonyu-šbi ja- dugaša
 IND-PFV-stop-fall -INAN NOM-rainwater
 “The rain has stopped.”
- (CSTC.22) ပျော်ပြန်စွာပုံစံဖြတ်
 došbišonyušbi getu jadugaša
 Ø- Ø- došbi-šonyu-šbi Ø- getu ja- dugaša
 IND-PFV-stop-fall -INAN PFV-soon NOM-rainwater
 “Soon the rain will stop.”
- (CSTC.23) ရိပ်ပြန်စွာပုံစံဖြတ်
 šdedošbi-šonyušbi getu jadugaša
 šd- e- došbi-šonyu-šbi Ø- getu ja- dugaša
 OPT-PFV-stop-fall -INAN PFV-soon NOM-rainwater
 “I hope the rain stops soon.”

- (CSTC.24) **ပုစ္မာန်ရှာတိမ္မပဲ့၏။**
 se keše čosbiža jagažesu čaduzožu
 $\emptyset\text{-} se \emptyset\text{-} keše čo\text{-} sbiža ja\text{-} gažesu ča\text{-} duzo\text{-} žu$
 IND-COP PFV-in_the_past inside-here_PROX NOM-animal NOM-wild-AN
 “Once wild animals lived here.”
- (CSTC.25) **ပုဇ္မရာတိမ္မပဲ့၏။**
 sašojožo nakuše ča šatežuñ
 $s\text{-} a\text{-} šo -jo\text{-} žo na\text{-} kuše ča ša\text{-} težuñ$
 IND-PROG-look-H-INAN PROG-slowly 3.H.ERG ACC-everywhere
 “Slowly she looked around.” (lit. “Slowly she looked at everywhere.”)
- (CSTC.26) **ပုပူဇ္မန်**
 sesum šučekupo
 $sesum šuč\text{-} e\text{-} ku-po$
 IMP DEO-PFV-go-H
 “Go away!”
- (CSTC.27) **ဂုဇ္မတိမ္မ**
 šdekupo žem
 $šd\text{-} e\text{-} ku-po žem$
 OPT-PFV-go-H 1IN.H.NOM
 “Let’s go!”
- (CSTC.28) **ဇူဇ္မန်တိမ္မ**
 šučekupo jišbem
 $šuč\text{-} e\text{-} ku-po jišbem$
 DEO-PFV-go-H 2POL.H.NOM
 “You should go.”
- (CSTC.29) **ဂုဇ္မတိမ္မ။**
 yekupo tunžu
 $y\text{-} e\text{-} ku-po \emptyset\text{-} tunžu$
 SBJV-PFV-go-H PFV-happily
 “I will be happy to go.” (lit. “I will go happily.”)

- (CSTC.30) የሱዝቦ ገቱ ፊምር
yesinzipo getu čem
y- e- sinzi -po Ø- getu čem
SBJV-PFV-come-H PFV-soon 3.H.NOM
“He will arrive soon.”
- (CSTC.31) ተሸጋሽብ ገዢ የሚስኑ ማጥቃቻ
kešgišbi cisbiža jašikunsa nešemdin
Ø- Ø- kešgi-šbi ci- sbiža ja- šikunsa ne- šemdin
IND-PFV-roll -INAN away_from-here_PROX NOM-ball GEN-baby
“The baby’s ball has rolled away.”
- (CSTC.32) በዚሁ ስዕስ ተስፋዎች
sasožašbepo jakiže šite
s- a- sožašbe -po ja- kiže šite
IND-PROG-cooperate-H NOM-boy two.H
“The two boys are working together.”
- (CSTC.33) የሩቱ የሚስኑ ማጥቃቻ
yekužu dese cisbiža jañeke gunzin
y- e- kužu Ø- dese ci- sbiža ja- ñeke
SBJV-PFV-go-AN PFV-probably away_from-here_PROX NOM-mist
gunzin
DEM.PROX.H
“This mist will probably clear away.” (lit. “This mist will probably go away from here.”)
- (CSTC.34) የመሬት የሚስኑ ማጥቃቻ
šim čotežuñ jatiñžim čažušošbi
Ø- šim čo- težuñ ja- tiñžim ča- žušo šbi
IND-COP.LOC inside-everywhere NOM-flower NOM-pretty-INAN
“Lovely flowers are growing everywhere.” (lit. “Pretty flowers are everywhere.”)
- (CSTC.35) ሁኔታ ሁኔታ ሁኔታ ሁኔታ
sinikonjo nibišen ya | šučinikonjo nikuše
s- ini- kon-jo ni- bišen ya
IND-HAB-eat -H HAB-quickly 1IN.H.ERG
šuč- ini- kon-jo ni- kuše
DEO-HAB-eat -H HAB-slowly
“We should eat more slowly.” (lit. “We eat quickly, we should eat slowly.”)

- (CSTC.36) မူစိဂုစ်မှုတ္ထုတုပုံမြေ
sinzipo getu žika jišbem
 \emptyset - \emptyset - sinzi -po \emptyset - getu \emptyset - žika jišbem
IND-PFV-come-H PFV-soon PFV-very 2POL.H.NOM
“You have come too soon.”

(CSTC.37) တိပုလိုက်ရွှေမှုနှင့် နှိမ့်ချိန်ရွှေမှုနှင့်
jišba sinitenžujo nikiken | šučinidenžujo nikiken
jišba s- ini- tenžu -jo ni- kiken
2POL.H.ERG IND-HAB-NEG\write-H HAB-neatly
šuč- ini- denžu-jo ni- kiken
DEO-HAB-write -H HAB-neatly
“You must write more neatly.” (lit. “You do not write neatly, you should write neatly.”)

(CSTC.38) ပုစိဝါဘုရားနှင့်အန္တရာဇ်
se sbosbiža jašdimša čažušo
 \emptyset - se sbo- sbiža ja- šdimša ča- žušo
IND-COP across_from-here_PROX NOM-place NOM-beautiful
“Directly opposite stands a wonderful place.” (lit. “Across from here there is a beautiful place.”)

(CSTC.39) ပုစ်ရာနှင့်ပို့တွေ့နှင့်
sadizuža diyenyi šašumzan
s- a- dizuža-jo-šum di- yeniyi ša- šumzan
IND-PROG-lose -H-AN ERG-Henry ACC-dog
“Henry’s dog is lost.” (lit. “Henry lost [his] dog.”)

(CSTC.40) တုစ်ပုံတို့တဲ့မှုပါ။
japode yañi čagošbižu
ja- pode yañi ča- gošbi-žu
NOM-cat 1EX.H.GEN NOM-black-AN
“My cat is black.”

(CSTC.41) တုစ်ဖုတီရာနှင့်စို့တွေ့နှင့်ပုံပြုခြေား
jageñbo nesdandi nešinžepo čažumsežušašbi
ja- genbo ne- sdandi ne- šinže -po ča- žumse-žuša -šbi
NOM-doll GEN-girl GEN-very_young-H NOM-break-ADJZ-INAN
“The little girl’s doll is broken.”

- (CSTC.42) ឃុំទូទីពុំទិន្នន័យទូទិន្នន័យ
sinišebeopo nikešapo nitindupo
s- *ini-* *šebe* -*po* *ni-* *keša* *ni-* *tindu*
IND-HAB-sleep-H HAB-well HAB-usually
“I usually sleep soundly.”

(CSTC.43) ការុំទិន្នន័យទិន្នន័យ
gašipo bujako jašede
Ø- *Ø-* *gaši*-*po* *bu*- *jako* *ja-* *šede*
IND-PFV-run -H following-Jack NOM-child
“The children ran after Jack.”

(CSTC.44) ឃុំទិន្នន័យទិន្នន័យទិន្នន័យទិន្នន័យ
yašožidupo nagošo žuñdašo yinitikodopo šocižoñ yem
y- *a-* *šožidu*-*po* *na-* *gošo* *žuñ-* *dašo-* *y-* *ini-* *tikodo* -*po*
SBJV-PROG-play -H PROG-able_to after-time_when-SBJV-HAB-leave -H
šo- *cižoñ* *yem*
DAT-school 1EX.H.NOM
“I can play after school.”

(CSTC.45) ឃុំទិន្នន័យទិន្នន័យទិន្នន័យ
kupto žamkože jišgomzi yem
Ø- *Ø-* *ku*-*po* *žam*-*kože* *ji*- *šgomzi* *yem*
IND-PFV-go-H to-village for-visit 1EX.H.NOM
“We went to the village for a visit.”

(CSTC.46) ឃុំទិន្នន័យទិន្នន័យ
kupto panšogo yem
Ø- *Ø-* *ku*-*po* *pan*-*šogo* *yem*
IND-PFV-go-H at-river 1EX.H.NOM
“We arrived at the river.”

(CSTC.47) បុបុរាណទិន្នន័យទិន្នន័យសិន្នន័យ
sasezapo nakeñ nademzu yem
s- *a-* *seza*-*po* *na-* *keñ* *na-* *demzu* *yem*
IND-PROG-wait-H PROG-now PROG-already 1EX.H.NOM
“I have been waiting for you.”

- (CSTC.48) ပုဂ္ဂန်တဲ့ရှိမီပွဲနဲ့ဖူးရှိမဲ့
 sadempo zigedanšu jajuzižokaki
s- a- dem-po zige- dansu ja- juzi- žokaki
 IND-PROG-sit -H around-fire NOM-NMLZ-live_in_wilderness
 “The campers sat around the fire.”
- (CSTC.49) ပုဂ္ဂန်တဲ့ရှိမီပွဲနဲ့ဖူးရှိမဲ့ပုဂ္ဂန်တဲ့ရှိမီပွဲနဲ့ဖူးရှိမဲ့
 sadempo duyežo jasdandi čašinžepo šužon sasdejošum ča šapode šašinžežu
s- a- dem-po du- yežo ja- sdandi ča- šinže -po šužon
 IND-PROG-sit -H near-1EX.H.DAT NOM-girl NOM-very_young-H RELZ
s- a- sde -jo-šum ča ša- pode ša- šinže -žu
 IND-PROG-have-H-AN 3.Hg.ERG ACC-cat ACC-very_young-AN
 “A little girl with a kitten sat near me.”
- (CSTC.50) ပုပ္ပက်စာမျက်နှာတဲ့ရှိမီပွဲနဲ့ဖူးရှိမဲ့
 sasezapo sbogoda jiyešojopon šazom jašede
s- a- seza-po sbo- goda ji- y- e- šo -jo-pon ša- zom ja- šede
 IND-PROG-wait-H facing-door for-SBJV-PFV-see-H-H ACC-father NOM-child
 “The child waited at the door for her father.”
- (CSTC.51) နံ့ရှိမဲ့ပွဲနဲ့ဖူးရှိမဲ့နံ့ရှိမဲ့ပွဲနဲ့ဖူးရှိမဲ့
 dižužajošum jinka disdandi šužon kogujo demkože ča šosdandi žiže šokikišud-inpo šapode šašinžežu čaňi
Ø- Ø- dižuža-jo-šum Ø- jinka di- sdandi šužon kogu -jo
 IND-PFV-lose -H-AN PFV-yesterday ERG-girl RELZ COMP-H
dem- kože ča šo- sdandi žiže šo- ki~ kišudin-po ša- pode
 inside-village 3.Hg.ERG DAT-girl all.H DAT-CMPR~old -H ACC-cat
ša- šinže -žu čaňi
 ACC-very_young-AN 3.Hg.GEN
 “Yesterday the oldest girl in the village lost her kitten.” (lit. “Yesterday the girl, who in the village is older than all girls, lost her very young cat.”)
- (CSTC.52) နံ့ရှိမဲ့ပွဲနဲ့ဖူးရှိမဲ့
 šgezu desbopo demkože jišbem
šgezu Ø- Ø- desbo -po dem- kože jišbem
 YN IND-PFV-be_born-H inside-village 2POL.H.NOM
 “Were you born in this village?”

- (CSTC.53) ቅጂ የዕስ አገዛ ስንደቅ ተዕስ ተሸቻ ተቀባዩ
 šgezu yinižindenpo nikeša nigošo jašdeki jiši
 šgezu y- ini- žinden-po ni- keša ni- gošo ja- šdeki jiši
 YN SBJV-HAB-dance -H HAB-well HAB-able_to NOM-brother 2POL.H.GEN
 “Can your brother dance well?”
- (CSTC.54) ቅጂ ተከዶሮ ግል
 šgezu tikodopo jačuzi
 šgezu Ø- Ø- tikodo-po ja- čuzi
 YN IND-PFV-leave -H NOM-man
 “Did the man leave?”
- (CSTC.55) ቅጂ ማስታዕዥ ማስታዕዥ ማስታዕዥ ማስታዕዥ
 šgezu sinzipo jiyekisganjopon jišbu jasbaga jiši
 šgezu Ø- Ø- sinzi-po ji- y- e- kisgan -jo-pon jišbu ja- sbaga
 YN IND-PFV-come-H for-SBJV-PFV-pick_up-H-H 2POL.H.ACC NOM-sister
 jiši
 2POL.H.GEN
 “Is your sister coming for you?”
- (CSTC.56) ቅጂ የሰንዕዥ ማስታዕዥ ማስታዕዥ
 šgezu yasinzipo našbedim nagošo jišbem
 šgezu y- a- sinzi-po na- šbedim na- gošo jišbem
 YN SBJV-PROG-come-H PROG-tomorrow PROG-able_to 2POL.H.NOM
 “Can you come tomorrow?”
- (CSTC.57) ቅጂ ተከዶሮ ማስታዕዥ ማስታዕዥ
 šgezu tikodopo cisbiža jiyepesiňjošum šašoge jakibešu
 šgezu Ø- Ø- tikodo-po ci- sbiža ji- y- e- pešin -jošum
 YN IND-PFV-leave -H away_from-here_PROX for-SBJV-PFV-avoid -H-AN
 ša- šoge ja- kibešu
 ACC-winter NOM-neighbor
 “Have the neighbors gone away for the winter?”
- (CSTC.58) ቅጂ ማስታዕዥ ማስታዕዥ
 šgezu sinizeboyužu čodugaša jadušdudi
 šgezu s- ini- zeboyu-žu čo-dugaša ja- dušdudi
 YN IND-HAB-sing -AN in-rainwater NOM-robin
 “Does the robin sing in the rain?”

- (CSTC.59) ቅጋጥቃሚነትናወጣይበሱትናጥና
 šgezu yekupo žamžešegomsa konyežo jišbem
šgezu y- e- ku-po žam-žeše -gomsa kon- yežo jišbem
 YN SBJV-PFV-go-H to- perform-NMLZ with-1EX.H.DAT 2POL.H.NOM
 “Are you going with us to the concert?”
- (CSTC.60) ቅጋብቃቃሙትስምትናጥና
 šgezu sašikapopo čoseni nakeše jišbem
šgezu s- a- šikapo-po čo- seni na- keše jišbem
 YN IND-PROG-travel-H inside-jungle PROG-in_the_past 2POL.H.NOM
 “Have you ever traveled in the jungle?”
- (CSTC.61) በጋሽተቃሚነትናወጣይሁትና
 sazosdipo budempi šuntego šbase žem
s- a- zosdi-po bu- dempi šun-tego šbase žem
 IND-PROG-sail -H following-river_current for- tego many.INAN 1IN.H.NOM
 “We sailed down the river for several miles.” (lit. “We sailed following the river current for many *tego* [about 1/3 mile].”)
- (CSTC.62) በእሮጥንወስኑጥና
 sawisijožo didušam žiže šažiwo
s- a- wisi -jo-žo di- dušam žize ša- žiwo
 IND-PROG-understand-H -INAN ERG-person all.H ACC.NMLZ-hunt
 “Everyone knows about hunting.”
- (CSTC.63) ባዕለሰተዋዕስሚነትናወጣይሁትና
 tikodopo dogise dembumšon žuñtimža dašo jažojem časukinšbi žem
Ø- Ø- tikodo-po do- gise dem-bumšon žuñ- timža dašo ja- žojem ča- sukin -šbi žem
 IND-PFV-leave -H toward-mountain at- morning after-solstice when.RELZ
 “On a sunny morning after the solstice we started for the mountains.”
- (CSTC.64) ባቃቃሚነትናወጣይሁትና
 sabižinajožo ditomo šadožešo nešugu
s- a- bižina-jo-žo di- tomo ša- dožešo ne- šugu
 IND-PROG-laugh-H -INAN ERG-Tom ACC.NMLZ-jump GEN-monkey
 “Tom laughed at the monkey’s tricks.” (lit. “Tom laughed at the monkey’s jumping.”)

Glossary

agent	The argument of a transitive verb that is performing the action 6	patient	The argument of a transitive verb that is receiving the action 7
irrealis	A certain situation or action that is not known to have happened at the moment the speaker is talking 8	realis	A statement of fact 7
		subject	The sole argument of an intransitive verb 6, 26, 27

Acronyms

TAM tense-aspect-mood 25

Glossing Abbreviations

1EX	first person exclusive	DEO	deontic
1IN	first person inclusive	DIST	distal
2FAM	second person familiar	ERG	ergative
2HUM	second person humiliative	GEN	genitive
2POL	second person polite	H	human
2	second person	HAB	habitual
3	third person	IMP	imperative
ACC	accusative	INAN	inanimate
ADJZ	adjectivizer	IND	indicative
AN	animate	ITER	iterative
CMPR	comparative	LOC	locative
COMP	complementizer	MED	medial
COP	copula	NEG	negative
DAT	dative	NMLZ	nominalizer
DEM	demonstrative	NOM	nominative

OPT	optative	SBJV	subjunctive
PFV	perfective	SJV	subjunctive
POS	positive	VBZ	verbalizer
PROG	progressive	YN	yes/no question
PROX	proximal		