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Chapter 4

Negation in Kambaata

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The Ethiopian language Kambaata (Cushitic) has five distinct negative inflectional suffixes that negate (i) declarative main verbs and non-verbal predicates, (ii) imperatives, (iii) jussives and benedictives, (iv) converbs and (v) relative verbs. Affirmative and negative verb forms often do not match each other in a one-to-one relation, but paradigmatic and constructional asymmetries can be observed. Depending on the verb type, aspectual and modal distinctions are neutralized under negation, the number of different subject indexes is reduced, the distinction between same subject and different subject forms is lost, and changes occur in the morphological makeup of verb forms. Finally, not all affirmative paradigms have dedicated negative counterparts. Most noteworthy from a typological point of view are Kambaata's negative relative verbs. Unlike affirmative relative verbs, which have exclusively verbal morphology, negative relative verbs are almost perfect verb-adjective hybrids with their combination of verbal and adjectival inflection. They index the person, gender, number and honorificity of their subject, and agree in case and gender with their head noun. Apart from inflectional means of negation, Kambaata has a productive caritive derivation *-beel* 'less' that generates adjectives from nouns.

Keywords: Cushitic, inflectional negation, derivational negation, asymmetry, negative participle.

1 The language

1.1 General information

The Kambaata language (ISO: ktb, Glottocode: kamb1316) is spoken by the Kambaata, Xambaaro and Donga people, who are settled around the Hambarriicho massif in southern Ethiopia, about 300 km southwest of the Ethiopian capital Addis Ababa. According to the last published census, Kambaata (endonym:



Kambaatissáta) has more than 600,000 speakers (Federal Democratic Republic of Ethiopia Census Commission 2010: 91), the large majority of whom live in the Kambaata-Xambaaro Zone of the Southern Nations, Nationalities and Peoples' Region. Kambaata belongs to the Highland East Cushitic branch of the Cushitic family (Afroasiatic phylum). There are possibly slight regional differences in prosody, grammar and lexicon (whose exact nature is still to be explored) across the Kambaata-speaking area, but these do not impact mutual intelligibility. The immediate neighbors of the Kambaata are speakers of other Highland East Cushitic languages (Hadiyya and Alaaba) and Ometo languages of the Omotic family (Wolaitta and Dawro). Amharic, the Ethiopian lingua franca, is the most important second language of Kambaata speakers. Kambaata is used as a medium of instruction in public primary schools and is taught as a subject up to grade 12. In 2018, Wachamo University started a Kambaata language BA program on its Duuraame campus. Despite having been taught in schools since 1997, Kambaata remains an overwhelmingly oral language, while Amharic is the written language in private and official contexts. Overall, Kambaata is still linguistically vital. Intergenerational transmission seems stable in rural areas yet threatened in towns. Amharic is dominant in certain communication contexts, such as social media, TV, religious services, political meetings, offices, courts, schools, and parts of the retail and gastronomic industries. Kambaata is increasingly being restricted to communication within the family, with friends and neighbors.

The official Kambaata orthography is based on the Roman script (Treis 2008: 73–80; Alemu 2016) and follows the spelling conventions of the Oromo Qubee orthography. The official Kambaata orthography is adopted for all data transcription in this contribution with one important addition: Phonemic stress is marked by an acute accent. The following Kambaata graphemes are not in accordance with IPA conventions: <ph> /p'/, <x> /t'/, <q> /k'/, <j> /dʒ/, <c> /tʃ'/, <ch> /tʃ/, <sh> /ʃ/, <y> /j/ and <'> /ʔ/. Geminate consonants and long vowels are marked by doubling the grapheme, e.g. <shsh> /ʃ:/ and <ee> /e:/. Nasalization is marked by a macron, e.g. <ā> /ã/. The data for this paper comes from my recorded corpus of narratives and conversations (marked by the recorded speaker's initials, the date, and the file number or name), my field notes of volunteered or elicited data as well as a corpus of locally published written Kambaata texts. The structure of the paper follows the questionnaire provided by the editors (Miestamo 2025 [this volume]).

1.2 Typological profile

Kambaata is agglutinating-fusional and strictly suffixing. Its constituent order is consistently head-final; hence all modifiers precede the noun in the NP, and all dependent clauses precede independent main clauses. The last constituent in a sentence is usually a fully finite main verb or a copula. The following open word classes are defined on morphosyntactic grounds: nouns, adjectives, verbs, ideophones, and interjections.

Kambaata is a nominative-accusative language. The nominative is the subject case; the accusative marks direct objects and certain adverbial constituents, and also serves as the citation form of nouns and adjectives. Nouns are marked for gender (masculine vs. feminine); the assignment of grammatical gender is mostly arbitrary, with the exception of nouns referring to human beings and higher animals, where it is sex-based. Nouns distinguish nine case forms (nominative, accusative, genitive, dative, ablative, instrumental, locative, oblique, predicative), all of which are marked by a segmental suffix and a specific stress pattern.

Adnominal adjectives, numerals and demonstratives agree with their head noun in case and gender. The case system of adnominals is reduced to three forms, namely nominative, accusative and oblique, with the oblique form marking agreement with non-nominative/non-accusative head nouns.

All verbs, with the exception of verbal nouns, carry simple or bipartite subject indexes, as exemplified by the structures of an affirmative declarative main verb in Figure 1 and a jussive main verb in Figure 2.

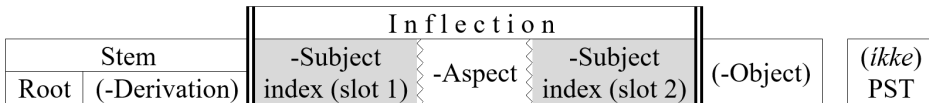


Figure 1: Affirmative declarative main verb with bipartite subject marking

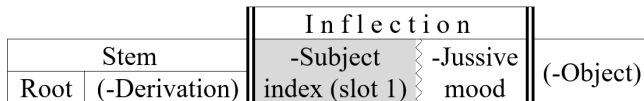


Figure 2: Affirmative jussive main verb with simple subject marking

Verbs inflect for aspect (imperfective, perfective, perfect, progressive), mood (declarative, imperative, jussive, benedictive, apprehensive), polarity (affirmative, negative) and dependency status (main verbs, relative verbs, converbs, pur-

posive verbs); the morphemes realizing these grammatical categories are placed in the slot after the first subject index. Inflectional morphemes tend to fuse into inseparable portmanteau morphemes and are therefore often unsegmented in the examples. Direct and indirect objects can be expressed by suffixed pronouns at the right edge of the inflected verb. The use of these pronominal object suffixes is partly pragmatically determined and depends on the referential prominence of the object. If a declarative verb is marked for past tense, the free morpheme *ikke* is the last element of the verbal complex (Figure 1). Derivational morphemes (passive, causative and middle morphemes, or combinations of these) are found between root and inflection. The inflectional potential of dependent clause verbs is less rich than that of main verb forms: certain person/gender and aspectual distinctions are neutralized, they cannot be marked for mood, and only some of them allow for object suffixes.

Ideophones and interjections are morphologically invariant. Interjections constitute utterances of their own. Ideophones are integrated into the clause through light verbs, *y-* ‘say’ or *ih-* ‘be(come)’ in intransitive clauses and *a’-* ~ *ass-* ‘do’ in transitive clauses.

1.3 Earlier research on negation

Borelli’s linguistic data appendix (1890: 463–482) is the earliest published source on the Kambaata language. Though the section on negative verbs remains empty in his questionnaire, there are five negative verb forms in his list of common phrases (*phrases usuelles*), e.g. the negated imperfective *ossaamba* [ossa’áamba’a] ‘I don’t sleep’, the negated non-imperfective *amé timba* [ameetimbá’a] ‘I did not go, have not gone, am not going’, and the negated imperative *agoti* [ággooti] ‘don’t drink’.¹ Leslau (1952) gives the first coherent presentation of negative paradigms. Some relevant examples in Korhonen et al. (1986: 90–108) demonstrate slight morphological differences in the non-imperfective negation of Kambaata (proper) and Xambaaro as well as the closely related language Alaaba. As far as more recent publications are concerned, Treis (2012a) is a detailed discussion of the negation of relative verbs, Treis (2012c: 86–90) deals with negative converbs, and Treis (2012b) analyzes clausal negation in Kambaata from a comparative Highland East Cushitic perspective.

¹English translations mine.

2 Clausal negation

As in many languages in the world, the affirmative and negative verb forms and paradigms do not neatly match each other in a one-to-one relation. Rather, paradigmatic and constructional asymmetries (Miestamo 2013) can be observed: Not all affirmative paradigms have dedicated negative counterparts, aspectual and modal distinctions may be neutralized under negation, and negation may trigger changes in the morphological makeup of verb forms. Kambaata has five inflectional negation suffixes (Table 1), which will be treated in the following subsections (§2.1–§2.4). Negative morphemes are always located after the subject indexes and aspectual morphology, and before tense marking; their position relative to mood and object marking depends on the type of verb they combine with. Information on the order of morphemes will be given in the respective sections below.

Table 1: Inflectional negation morphemes

<i>-ba('a)</i>	NEG	Declarative main verbs, existential verb <i>yoo-</i> , non-verbal predicates
<i>'-oot</i>	NEG.IMP	Imperatives
<i>'-ka</i>	NEG.JUSS	Jussives
<i>-u'nnáachch</i>	NEG.CVB	Converbs
<i>-umb</i>	NEG.REL	Relative verbs

2.1 Standard negation

Standard negation is marked with the suffix *-ba('a)* (NEG). Two declarative negative constructions need to be kept apart in the following presentation: negative imperfective and negative non-imperfective. As shown in Table 2 and Table 3, affirmative declarative main verbs distinguish four aspectual categories: imperfective, perfective, perfect and progressive, all of which are marked by an aspect morpheme (printed in bold in the tables) wedged between the bipartite subject index.² Under negation, the aspectual distinctions are reduced to two: imperfective (1) vs. non-imperfective (2).

²Illustrations of the use of affirmative declarative main verbs are found in the following examples: The last verb of (1) is an imperfective main verb, the reporting clause of (5) contains a perfective main verb, the last verb of (27) is a perfect main verb, and the last verb of (21) is marked for the progressive.

- (1) *Af-óon áff-ee waas-á it-áno-ba'a,*
 mouth-M.LOC seize-3M.PRF.REL enset.food-M.ACC eat-3M.IPFV-NEG
tú=y-í agúrr=ke'éechch waal-áno.
 spit.IDEO=say-[3M.]PFV.CVB³ leave.[3M.]PFV.CVB=SEQ come-3M.IPFV
 (Somebody hears about the death of a loved one.) 'He does not swallow
 (lit. eat) the food that he has in his mouth, he spits it out (and) then
 comes (to the house of the deceased).' (Recorded conversation,
 EK2016-02-23_003)
- (2) *Hikkanneení-i teesuhá-a bajig-g-im-bá'a.*
 PRO.MED.M.LOC-ADD again-ADD be(come).happy-3F-NIPFV-NEG
 'Even with this, she was still not happy.' (Recorded conversation,
 TD2016-02-11_001)

In the imperfective aspect, the affirmative and negative paradigms are largely symmetrical (Table 2); they only differ in the presence of the standard negator.⁴ In contrast, we observe the following paradigmatic and constructional asymmetries in negative non-imperfective verbs (Table 3): (i) the second subject slot of the affirmative counterpart is dropped under negation, which leads to a reduction of the number of distinct subject indexes from seven to five, with 1SG=3M and 2SG=3F/3PL; (ii) a dedicated aspect morpheme, the non-imperfective suffix *-im'*,⁵ is used in the negative but not in any affirmative verb paradigm; (iii) the palatalization and gemination of stem-final consonants in certain 1SG and 3M affirmative verb forms is absent in the domain of negation; and (iv) the stress pattern of the negative non-imperfective paradigm is unlike the patterns of its affirmative counterpart.

If one compares the two declarative negative paradigms in Table 2 and Table 3 with each other, differences in the relative position of the object morpheme (OBJ) and the negator become apparent: The negator follows the object suffix in the imperfective (3) but precedes it in the non-imperfective (4).

- (3) (...) *isso'óot kaa'll-itáa xa'mm-úta hór-a-n*
 3PL.NOM help-3F.IPFV.REL question-F.ACC all-F.OBL-EMPH
xa'mm-itáa-'nne-ba'a.
 ask-3F.IPFV-2PL.OBJ-NEG
 '(...) they never ask you any useful questions.'⁶ (de Saint-Exupéry 2018: 19)

³Subject indexes that are realized as \emptyset are glossed in [square brackets] in the examples.

⁴Ignoring certain morphophonological changes triggered by the standard negator.

⁵In the Xambaaro-variant of Kambaata, the corresponding aspect marker is *-um* (Korhonen et al. 1986: 101).

Table 2: Negation of the imperfective

	Affirmative Imperfective ^a	Negative Imperfective ^b
1SG	-∅- áa - <i>m(m)</i> ^c -(OBJ)	-∅- áa - <i>m</i> -(OBJ)- <i>ba'a</i>
2SG	- <i>t</i> - áa - <i>nt(i)</i> -(OBJ)	- <i>t</i> - áa - <i>nti</i> -(OBJ)- <i>ba'a</i>
3M	-∅- á - <i>no</i> -(OBJ)	-∅- á - <i>no</i> -(OBJ)- <i>ba'a</i>
3F/3PL	- <i>t</i> - áa -('u)- (OBJ)	- <i>t</i> - áa -(OBJ)- <i>ba'a</i>
3HON	- <i>éen</i> -∅- <i>no</i> -(OBJ)	- <i>éen</i> -∅- <i>no</i> -(OBJ)- <i>ba'a</i>
1PL	- <i>n</i> - áa - <i>m(m)</i> -(OBJ)	- <i>n</i> - áa - <i>m</i> -(OBJ)- <i>ba'a</i>
2PL/2HON	- <i>teen</i> - á - <i>nta</i> -(OBJ)	- <i>teen</i> - á - <i>nta</i> -(OBJ)- <i>ba'a</i>

^aMorpheme order: subject index 1, aspect (in bold), subject index 2 and (optional) object.

^bMorpheme order: subject index 1, aspect (in bold), subject index 2, (optional) object and negator. In this and in all following tables, the negator is given in gray.

^cElements in round brackets are added or left out depending on what follows.

- (4) (...) *teesuuhá-a hikkuuní-i duus-im-bá-se.*
 again-ADD PRO.MED.M.NOM-ADD satisfy-[3M.]NIPFV-NEG-3F.OBJ
 '(But) this still did not satisfy her either.' (Recorded conversation,
 TD2016-02-11_001)

2.2 Negation in non-declaratives

Main verbs in non-declarative sentences are marked for imperative, jussive/benedictive or apprehensive mood. Imperatives and jussives/benedictives have dedicated negation strategies. The apprehensive, a paradigm of main verb forms expressing warnings and threats (Treis forthcoming), has no corresponding negative paradigm.

2.2.1 Negation of imperatives

Affirmative imperatives are the simplest verb forms in Kambaata, as they lack the expected first subject index slot. Under negation (Table 4), however, the subject indexes 2SG *-t* and 2PL/2HON *-teen* do occur.⁷ After the subject slot follows the

⁶Examples from de Saint-Exupéry (2018) are translated literally from the Kambaata version.

⁷As in other verb forms, the subject indexes of the first slot undergo regular morphophonological changes (Treis 2008: 60–72).

Table 3: Negation of non-imperfective aspects

	Affirmative ^a Perfective	Affirmative Perfect	Affirmative Progressive	Negative ^b Non-imperfective
1SG ^c	$[-C_{PAL/GEM}]$ [-CC:]	'-Ø- oo -m(m)-(OBJ) Ø- ée -m(m)-(OBJ)	'-Ø- ee -m(m)-(OBJ) Ø- ée -m(m)-(OBJ)	'-Ø- im - bá ('a)-(OBJ)
2SG	t- oo -nt(i)-(OBJ)	'-t- ee -nt(i)-(OBJ)	-t- áyyoo -nt(i)-(OBJ)	-t- im - bá ('a)-(OBJ)
3M	$[-C_{PAL/GEM}]$ [-CC:]	'-Ø- o -(OBJ) Ø- ée -('u)-(OBJ)	'-Ø- ee -('u)-(OBJ) Ø- ée -('u)-(OBJ)	'-Ø- im - bá ('a)-(OBJ)
3F/3PL	t- oo -('u)-(OBJ)	'-t- ee -('u)-(OBJ)	-t- áyyoo -('u)-(OBJ)	-t- im - bá ('a)-(OBJ)
3HON	éem-Ø- ma -(OBJ)	éem-Ø- maa ('u)-(OBJ)	- een-áyyoo - mma -(OBJ)	- een-im - bá ('a)-(OBJ)
1PL	n- oo -m(m)-(OBJ)	'-n- ee -m(m)-(OBJ)	-n- áyyoo -m(m)-(OBJ)	-n- im - bá ('a)-(OBJ)
2PL/2HON	téen-Ø- nta -(OBJ)	-téen-Ø- ntaa ('u)-(OBJ)	- teen-áyyoo - nta -(OBJ)	- teen-im - bá ('a)-(OBJ)

^aMorpheme order: subject index 1, aspect (in bold), subject index 2 and (optional) object.^bMorpheme order: subject index 1, aspect (in bold), negator (in gray) and (optional) object.^cIn the perfective and perfect paradigms (but not in the progressive and negative paradigm), the realization of the 1SG and 3M forms depends on whether the verb stem ends in a single consonant (C) or cluster (CC). The 1SG and 3M perfective and perfect forms of verb stems ending in a consonant cluster (CC) seem identical, but they can be shown to follow different stress rules under relativization.

imperative negator *'-oot* (NEG.IMP) – which is realized palatalized and geminate (*'-oochch*) in the plural –, the respective singular (5) or plural (6) imperative morpheme, and, if present, an object suffix.⁸

Table 4: Affirmative and negative imperative endings

	Affirmative imperative V-IMP-(OBJ)	Negative imperative V-SBJ ₁ -NEG.IMP-IMP-(OBJ)
2SG	<i>'-i</i> -(OBJ)	<i>'-t-oot</i> <i>-i</i> -(OBJ)
2PL/2HON	<i>[-C_{PAL/GEM}:]</i> <i>-é</i> -(OBJ) <i>[-CC:]</i> <i>-iyyé</i> -(OBJ)	<i>-téén-oochch</i> <i>-e</i> -(OBJ) <i>~ -téén-oochch</i> <i>-iyye</i> -(OBJ)

- (5) *“Bux-ichch-í min-í aag-ís-s-oot-e-’e”*
 poor-SGV-M.GEN house-M.ACC enter-CAUS-2SG-NEG.IMP-2SG.IMP-1SG.OBJ
y-éé’u buur-í hoof-íchch-u.
 say-3M.PFV butter-M.GEN wrapping.material-SGV-M.NOM
 “Don’t make me enter a poor man’s house!” said the butter wrapping.
 (Proverb, Alamu & Alamaayyo 2017: 33⁹)

- (6) *Mikk-mill=y-itéen-oochch-e.*
 move-move.IDEO=say-2PL-NEG.IMP-2PL.IMP
 (Police to robbers:) ‘Don’t you (PL) move!’ (Volunteered¹⁰ 2016)

For information on the apprehensive, whose second person form is in many contexts considered functionally equivalent to the negative imperative, see §4.6.1.

Kambaata has a handful of indexical imperative-only verbs (Table 5), which can neither be negated nor be inflected in a non-imperative mood. The entirely invariant directive interjections, of which Kambaata has several dozen (Table 6), cannot be negated either.

⁸In the Xambaaro-variant of Kambaata, the negative 2PL imperfective form is *-tóon-oochch-e* (Korhonen et al. 1986: 99).

⁹I have segmented, glossed and translated examples from published sources and added stress marks.

¹⁰Examples that are labelled “volunteered” were either provided by consultants as further illustrations during the transcription and translation of recorded texts, or they originate from illustrative dialogues dictated to me by native speakers. Volunteered examples do not originate from translation elicitation.

Table 5: Imperative-only verbs

2SG	2PL/2HON	Translation
<i>ám-i</i>	<i>amm-é</i>	‘Come (to me for an instant)!’
<i>ī</i>	<i>i-yyé</i>	‘Take (what I have in my hands)!’
<i>mée</i>	<i>mee-yyé</i>	‘Give (me what you have in your hands)!’
<i>ashshám-i</i>	<i>ashshamm-é</i>	‘Hang in there!’ (Greeting to people working)
<i>kárag-i</i>	<i>káragg-e</i>	‘Listen up!’
<i>híkkarag-i</i>	<i>híkkaragg-e</i>	‘Listen up!’

Table 6: Some examples of directive interjections

Interjection	Translation
<i>ná''a</i>	(to children:) ‘Eat!’
<i>gá''a</i>	(to children:) ‘Drink!’
<i>sá</i>	‘Shush!’
<i>hág</i>	(to donkeys:) ‘Keep going, go away!’
<i>kút</i>	(to chicken:) ‘Go away!’
<i>háa</i>	(to cattle:) ‘Stay calm!’
<i>hirká</i>	(to cattle:) ‘Go into the pen!’
<i>sú</i>	(to dogs:) ‘Catch!’

2.2.2 Negation of jussives and benedictives

The jussive is used for first and third person directives and expresses what should or may be done (Table 7). The first person singular jussive is predominantly used in questions, e.g. *áag-u* ‘May I come in?’. Whereas the imperative (§2.2.1) can be used to bless and curse second persons, e.g. *lé'-oot-i át* (grow-[2SG.]¹¹NEG.IMP-2SG.IMP 2SG.NOM) ‘Don’t (you) grow!’, blessings and curses of first and third persons are expressed by a dedicated verb form, the benedictive (7).

(7) *Magán-u áass-u.*

God-M.NOM give-[3M.]BDV

‘May God give (to you in return)!’ (i.e. ‘Thank you.’) (Blessing, overheard)

¹¹The 2SG subject index *-t* is predictably omitted after a glottal stop.

Table 7: Affirmative and negative jussive/benedictive endings

	Affirmative Jussive	Affirmative Benedictive ^a	Negative Jussive/Benedictive
1SG	-Ø-ó ~ ´-Ø-u-(OBJ)	-Ø-ó	-Ø-ún-ka-(OBJ)
3M	´-Ø-un-(OBJ)	´-Ø-u-(OBJ)	-Ø-ún-ka-(OBJ)
3F/3PL	´-t-un-(OBJ)	´-t-u-(OBJ)	-t-ún-ka-(OBJ)
3HON	-éen-un-(OBJ)	-éen-u	-een-ún-ka-(OBJ)
1PL	-n-ó ~ ´-n-u ~ ´-n-un-(OBJ)	(n.a.)	-n-ún-ka-(OBJ)

^aOnly two benedictive forms with object pronouns are attested in my database so far.

Under negation (Table 7), the distinction between jussive and benedictive is neutralized. The morpheme ´-ka (NEG.JUSS) is the negator of both verb types; it follows the subject index and mood morpheme -un and precedes the object suffix (8).

- (8) *Lankaann-í híl-u, land-í kotím-u,*
 paternal.uncle-M.GEN bad-M.NOM leather.dress-M.GEN short-M.NOM
Laadd-í gid-u gambá=y-ún-ka-he!
 PN-M.GEN cold-M.NOM encounter.IDEO=say-[3M.]JUSS-NEG.JUSS-2SG.OBJ
 ‘May a bad uncle, a skimpy leather dress, (and) the cold of Laadda (= windy place) not catch up with you!’ (Blessing, Alamu & Alamaayyo 2017: 101)

As Table 7 shows, the negative jussive/benedictive is almost entirely based on the affirmative jussive (with the exception of the 1SG form). However, the addition of the jussive negator triggers a shift of stress from the stem to the mood morpheme.

2.2.3 Negation of questions

Negated polar questions are built on negative declarative main clauses. They are marked by the interrogative suffix -ndo; see the negated non-verbal and verbal predicates in (9) and (10), respectively. The speaker suspects the answer to their question to be affirmative and asks the addressee to confirm this expectation. Negative questions are also seen in (34) and (35).

- (9) *Hikkúun qaláall-a-a xáh-a-ba-ndo?*
 PRO.PROX.M.NOM easy[Amh.]-M.PRED-M.COP.ASC issue-M.PRED-NEG-Q
 ‘Isn’t this an easy problem?’ (Recorded conversation, EK2016-02-12_003)
- (10) *Cii’-áta sharr-itaantí=g-a ik-k-im-bá-ndo?*
 birds-F.ACC chase-2SG.IPFV.REL=SIMV-M.OBL be(come)-2SG-NIPFV-NEG-Q
 ‘Haven’t you reached the bird-chasing stage (yet)?’ (lit. ‘Haven’t you become like you chase birds?’) (Recorded conversation, EK2016-02-23_001)

For information on the use of negative questions for strongly assertive statements, see §4.6.3.

2.3 Negation in stative predications

The standard negator *-ba(a)* (NEG) (§2.1) is used with all types of non-verbal predicates, irrespective of whether the predicate expresses equation (11), proper inclusion (12),¹² attribution (13), location (14) or possession (15), and irrespective of the type of copula used. The following examples illustrate the use of the non-verbal copulas *-ha(a)/-ta(a)* (M/F.COP.ASC) and *-Vt* (COP.ID); for information on their intricate distribution, see Treis (2008: 397–436).

- (11) *Isú agud-áyyoo[’u] bagáan (.) íso-oti-ba’a.*
 3M.ACC resemble-3M.PROG CNTR 3M.NOM-COP.ID-NEG
 ‘He resembles him, but it’s not him.’ (John 9: 9; lit. translation from the Kambaata version) (The Bible Society of Ethiopia 2023)
- (12) *Od-éet asúss-a-ta-ba’a.*
 tree.sp-F.NOM seedling-F.PRED-F.COP.ASC-NEG
 (Speaker correcting interlocutor’s word choice:) ‘Sycamore fig trees are not (i.e. do not qualify as) “seedlings”.’ (de Saint-Exupéry 2018: 21)
- (13) *“Húj-it hór-a<n>t baréed-a-ta”*
 work-F.NOM all-F.NOM<EMPH> good-F.PRED-F.COP.ASC
y-aanó-na “Hór-a<n>t húj-it
 say-3M.IPFV.REL-COORD all-F.NOM<EMPH> work-F.NOM

¹²See also (57).

baréed-a-ta-ba'a *y-aanó* *boq-ó* *xaw-í*
 good-F.PRED-F.COP.ASC-NEG say-3M.IPFV.REL head-F.GEN topic-M.GEN
al-éen (...) *lámuanne* *beeh-an-téen* *oodamm-iyyé.*
 top-M.LOC in.two.groups divide-PASS-2PL.PFV.CVB discuss-2PL.IMP
 ‘Split into two groups and discuss the hypotheses “All (kinds of) work are respectable (lit. good)” and “Not all (kinds of) work are respectable (lit. all work is not good)”!’ (Kambaata Education Bureau 1989 E.C.: 7.102)

- (14) (...) *kook-í* *láal-ut* *re'-aa'i-ihu*
 peach-M.GEN fruit-F.NOM be(come).edible-3F.IPFV.REL-NMLZ.M.NOM
haqq-í *al-éene-et* *bagáan* (.) *giir-áane-eb-ba'a.*
 tree-M.GEN top-M.LOC-COP.ID CNTR fire-F.LOC-COP.ID-NEG
 ‘It is on the tree and not on the fire that a peach becomes edible.’¹³
 (Kambaata Education Bureau 1989 E.C.: 4.49)

- (15) *Tí* *maccoo-teenantá* *láag-a<n>t* *ées*
 ADN.PROX.F.NOM hear-2PL.IPFV.REL word-F.NOM<EMPH> 1SG.ACC
sokk-ó *Ánn-i-ta* *bagáan* (.)
 send-3M.PFV.REL father-M.GEN-F.COP.ASC CNTR
ii-taa-ba'a.
 1SG.GEN-F.COP.ASC-NEG
 ‘The word which you hear is the Father’s who sent me but not mine.’
 (John 14: 24; lit. translation from the Kambaata version) (The Bible Society of Ethiopia 2023)

The negator is found at the right edge of the non-verbal predicate. It is preceded by the copula (11–15) or, if the copula is realized as zero or has shifted to a modifier,¹⁴ it directly follows the predicative or other case suffix (16).

- (16) (...) *hittiin* *ii-taa* *lúus-a-ba'a.*
 PRO.MED.F.NOM 1SG.GEN-F.COP.ASC fault-F.PRED-NEG
 ‘This is not my fault.’ (de Saint-Exupéry 2018: 12)

¹³The Kambaata verb *re'*- is polysemous and can mean ‘ripen’ and ‘be cooked, become done’.

¹⁴As explained in Treis (2008: 414–420), the copula *-ha(a)/-ta(a)* (M/F.COP.ASC) is mobile and its position depends on the internal syntax of the nominal predicate. If the predicate is modified by an adjective, genitive noun or relative clause, it shifts to the modifier, see (16). If the modifier of the nominal predicate is a numeral or a demonstrative, the copula is zero. Kambaata’s other identificational-attribitional copula, *-Vt* (COP.ID), is not mobile.

The standard negator is also used for the negation of the defective verb *yoo-* (COP.EX) ‘exist, be (located), be (for a possessor)’, which is used in existential (17), locative-presentative (18) and possessive (19) predication. In possessive constructions, the negator follows the object suffix referring to the possessor (19).

- (17) *Arráb-i-se* *ful-táa=b-eechch-u*
 tongue-F.NOM-3F.POSS come.out-3F.IPFV.REL=PLC-SGV-M.NOM
yóo-ba’a.
 COP.EX.3F-NEG
 ‘There was no place for her tongue to come out.’ (lit. ‘A place at which her tongue comes out does not exist.’) (Recorded conversation, TD2016-02-11_001)
- (18) *Hall-eechch-óon lám-it* *gár-it* *yóo-ba’a*.
 shade-SGV-F.LOC two-F.NOM truth-F.NOM COP.EX.3F-NEG
 ‘There are no two truths in the shade (i.e. the elders under a shady tree always work out the (one) truth and pass a judgment).’ (Proverb, Alamu & Alamaayyo 2017: 71)
- (19) A: *Qenéf-u* *me’-íqqi-a* *bár-i?*
 birth.ceremony-M.NOM how.many-ORD-M.COP.ASC day-M.PRED
 ‘The *qenefa*-ceremony is (on) which (lit. the how-many-eth) day?’
 B: *Bár-u* *yóo-si-ba’a*, *isíi*.
 day-M.NOM COP.EX.3M-3M.OBJ-NEG 3M.DAT
 ‘It doesn’t have a (fixed) day.’ (lit. ‘A day is not for him (= *qenefa* m.)’) (Recorded conversation, EK2016-02-23_002)

All negative examples presented in this section differ from their affirmative counterparts only in the presence of the negator, which is most evident in (13). So, at first sight, the negation of stative predications does not seem to differ from standard negation (§2.1). However, §2.4.2 shows that negated existential predicates do not follow the relativization strategy of other verbal predicates.

2.4 Negation in non-main clauses

In complex sentences only the last verb is usually a fully finite main clause verb (or a copula),¹⁵ while verbs in preceding clauses are either based on converbs,

¹⁵Exceptions to this rule are sentences with coordinated final main verbs and with non-final main verbs in embedded reported speech. Furthermore, contrastive clauses with *bagáan* ‘but’

relative verbs, purposive verbs or verbal nouns. Negation strategies in non-main clauses differ significantly from those in main clauses (§2.1–§2.3): A dedicated negative converb is used for converb clauses (§2.4.1), a negative participle for relative and purposive clauses (§2.4.2, §2.4.3), and a periphrastic strategy for the negation of verbal nouns (§2.4.4).

2.4.1 Negation of converb clauses

Kambaata makes a distinction between perfective (general) and imperfective (explicitly simultaneous) converbs; both affirmative converb types are obligatorily marked for switch-reference (*-yan DS*)¹⁶ if the subject changes between the converb and the superordinate clause (Treis 2012c). In the converb paradigms, five persons are distinguished (in contrast to main verbs, which distinguish seven) (Table 8). Perfective converbs consist essentially of a verb stem and the first subject index; in addition, the 1SG/3M form is marked by the palatalization and gemination of single stem-final consonants or – after stem-final clusters – by a stressed vowel suffix *-í*. Imperfective converbs consist of a verb stem, the indexes of the first subject index slot and an ending *-án*. The parentheses in the top half of Table 8 indicate that affirmative converbs can only receive object suffixes in their different subject form.¹⁷

Converbs are negated with a dedicated converb negator, which is realized by three allomorphs in free variation: *-u'nnáachch* (20), *-u'nnáan* (21) or *-ú'nna* (22) (NEG.CVB) (for reasons of space only the first allomorph is given in Table 8 and Table 1). The converb negator is positioned after the subject index. Under negation, the distinction between imperfective and perfective converbs is neutralized. Negative converbs are not sensitive to and, consequently, not marked for switch-reference. They take object morphemes either as suffixes or infixes (20) to the converb negator.¹⁸ Negative converb clauses express events posterior to the event in the superordinate clause ('before VERB-ing') or the absence of accompanying events ('without VERB-ing').

(§4.5) and the apodosis of hypothetical and counterfactual conditional clauses contain main verb forms.

¹⁶In (22), for instance, the switch from a 1PL to a 2SG subject is marked by the DS marker on the imperfective converb.

¹⁷An exception is that same subject converbs may be used as final verbs in questions; in this function, they can carry object suffixes.

¹⁸The first allomorph, *-u'nnáachch*, takes object infixes or suffixes (Table 8); the second allomorph, *-u'nnáan*, takes only suffixes. On the third allomorph, *-ú'nna*, the object can be realized as a suffix, even though this is rarely attested in my database and not accepted by all speakers.

Table 8: Affirmative and negative converb endings

	Perfective converb (PFV.CVB)	Imperfective converb (IPFV.CVB)
1SG/3M	[-C _{PAL/GEM} :] '∅-(DS-(OBJ)) [-CC:] ∅-í-(DS-(OBJ))	-∅-án-(DS-(OBJ))
2SG/3F/3PL	'-t-(DS-(OBJ))	-t-án-(DS-(OBJ))
3HON	-éen-(DS-(OBJ))	-een-án-(DS-(OBJ))
1PL	'-n-(DS-(OBJ))	-n-án-(DS-(OBJ))
2PL/2HON	-téen-(DS-(OBJ))	-teen-án-(DS-(OBJ))
Negative converb (NEG.CVB)		
1SG/3M	-∅- u'nnáachch (<OBJ> or -OBJ)	
2SG/3F/3PL	-t- u'nnáachch (<OBJ> or -OBJ)	
3HON	-een- u'nnáachch (<OBJ> or -OBJ)	
1PL	-n- u'nnáachch (<OBJ> or -OBJ)	
2PL/2HON	-teen- u'nnáachch (<OBJ> or -OBJ)	

- (20) (...) *mexx-uhú-u kaa'll-u'нна<'ée>chch*
 single-M.NOM-ADD help-[3M.]NEG.CVB<1SG.OBJ>
 (= *kaa'll-u'nnáachchi-'e*) *dág-u has-íshsh-o-'e*.
 = help-[3M.]NEG.CVB-1SG.OBJ know-M.NOM want-CAUS-3M.PFV-1SG.OBJ
 '(...) I was obliged to find (a solution) without anybody helping me.'
 (de Saint-Exupéry 2018: 22)

The negative converb is also used in two complex verb forms: (i) in combination with the defective verb *yoo-* (COP.EX) 'exist' (21), it expresses 'not yet' (see Treis 2021 for details), (ii) in combination with the verb *fa'*- 'remain' (22), it serves as a periphrasis for a morphologically negated verb.¹⁹ The semantic difference between a morphologically and periphrastically negated verb is not yet clear and remains to be investigated.²⁰

¹⁹See also (30).

²⁰Deginet Wotango Doyiso (personal communication) tends to translate the periphrastic construction with *fa'*- as 'not have the occasion to VERB, miss the opportunity to VERB'. Banti (2010: 62, 64–65) shows that the combination of a negative converb plus a negated superordinate verb 'remain' expresses a strong assertion ('certainly VERB' = 'not remain un-VERB-ing') in the Lowland East Cushitic languages Saho and Afar.

- (21) (...) *sú'mm-u-s* *xáll-u* *ba'-u'nnáan* *yóo*
 name-M.NOM-DEF only-M.NOM be.lost-[3M.]NEG.CVB COP.EX.3M
bagáan (.) *húj-i-s* (...) *tees-ó* *qalanch-áan*
 CNTR work-F.NOM-DEF now-F.GEN generation-F.LOC
fa'-án *hab-an-t-án* *waal-táyyoo'u*.
 remain-[3F.]IPFV.CVB forget-PASS-3F-IPFV.CVB come-3F.PROG
 (Speaking about the customs on the *masaala*-holiday:) '(...) only the
 names (of these customs) are not yet lost, but (...) the work is being
 forgotten in the young generation.' (Volunteered 2003)

- (22) *Kank-áta* *j-eechch-úta* *barg-ám-m*
 that.much-F.ACC time-SGV-F.ACC add-PASS-1PL.PFV.CVB
he'-nn-áni-yan *káan* *dag-g-ú'nna*
 live-1PL-IPFV.CVB-DS PRO.PROX.M.ACC know-2SG-NEG.CVB
*fa'-oontí-ihu*²¹ *íi* *luus-áane-et*.
 remain-2SG.PFV.REL-NMLZ.M.NOM 1SG.GEN mistake-F.ICP-COP.ID
 'It is my fault (lit. by my fault) that you have not learned (lit. known) this
 in the whole time that we have been living together.' (de Saint-Exupéry
 2018: 34)

2.4.2 Negation of relative clauses

Affirmative relative verbs are based on declarative main verbs and differ from them, as far as the segmental realization is concerned, only minimally – note only that if the inflectional complex ends in *-u* (see e.g. *-táa-'u* 3F.IPFV in Table 2) this element is dropped. There are regular stress differences between perfective and imperfective main vs. relative verbs; in contrast, the stress pattern is identical for perfect and progressive main and relative forms (see Treis 2012a for details). Relativization is ubiquitous in Kambaata. Many subordinate clauses – e.g. temporal (63), causal, conditional (25), concessive, simulative (10) – are relative-based. Cleft sentences are a common focusing device; here, the focused information is expressed in a non-verbal predicate, the backgrounded information in a headless relative clause (22). While affirmative relative verbs – like declarative main verbs – distinguish between four aspectual values (imperfective (3), perfective (64), perfect (23), progressive), these values are neutralized under negation. The relative

²¹The morphologically negated verb equivalent of *daggú'nna fa'oontíihu* in (22) would be *dag-g-umb-úu* (know-2SG-NEG.REL-NMLZ.M.NOM).

negator is *-umb* (NEG.REL) and its position in the verb is illustrated in Figure 3. Note the absence of an aspect morpheme.

Stem (-Derivation)		Verbal Inflection	Adjectival inflection	(-Object)
		-Subject index (slot 1) <i>-umb</i>	Case/Gender	
Root				

Figure 3: The structure of negative relative verbs

Unlike affirmative relative verbs, which only have verbal morphology, negative relative verbs are almost perfect verb-adjective hybrids with their combination of verbal and adjectival morphemes (Treis 2012a, 2017). They index the person, gender, number and honorificity of their subject, and agree in case and gender with their head noun. The case/gender inflection is shown in Table 9.

Table 9: Endings of negative participles (= negative relative verbs)

	-M.ACC	-M.NOM	-M.OBL
1SG/3M	-∅- <i>umb</i> -ú	-∅- <i>úmb</i> -u	-∅- <i>úmb</i> -o ~ -∅- <i>úmb</i> -ua
2SG/3F/3PL	-t- <i>umb</i> -ú	-t- <i>úmb</i> -u	-t- <i>úmb</i> -o ~ -t- <i>úmb</i> -ua
3HON	-een- <i>umb</i> -ú	-een- <i>úmb</i> -u	-een- <i>úmb</i> -o ~ -een- <i>úmb</i> -ua
1PL	-n- <i>umb</i> -ú	-n- <i>úmb</i> -u	-n- <i>úmb</i> -o ~ -n- <i>úmb</i> -ua
2PL/2HON	-teen- <i>umb</i> -ú	-teen- <i>úmb</i> -u	-teen- <i>úmb</i> -o ~ -teen- <i>úmb</i> -ua
	-F.ACC	-F.NOM	-F.OBL
1SG/3M	-∅- <i>umb</i> -úta	-∅- <i>úmb</i> -ut	-∅- <i>úmb</i> -o ~ -∅- <i>úmb</i> -uta
2SG/3F/3PL	-t- <i>umb</i> -úta	-t- <i>úmb</i> -ut	-t- <i>úmb</i> -o ~ -t- <i>úmb</i> -uta
3HON	-een- <i>umb</i> -úta	-een- <i>úmb</i> -ut	-een- <i>úmb</i> -o ~ -een- <i>úmb</i> -uta
1PL	-n- <i>umb</i> -úta	-n- <i>úmb</i> -ut	-n- <i>úmb</i> -o ~ -n- <i>úmb</i> -uta
2PL/2HON	-teen- <i>umb</i> -úta	-teen- <i>úmb</i> -ut	-teen- <i>úmb</i> -o ~ -teen- <i>úmb</i> -uta

In (23), the nominative head noun is modified by a numeral and two juxtaposed relative modifiers; the first relative clause ends in a negative participle, the second in an affirmative relative verb. The negative participle agrees in nominative case and feminine gender with the head noun; it is indexed for an honorific/impersonal subject. The affirmative relative verb does not agree with the head noun; it is indexed for a third person masculine subject (referring to the unexpressed stimulus of confusion), marked for perfect aspect and carries an object suffix (referring to the target of confusion, i.e. the grammatically feminine beetle).

- (23) [[*mát-it*] [*hann-óochch waal-tóo-ndo dag-éen-úmb-ut*]_{Relative 1}
 one-F.NOM where-F.ABL come-3F.PFV-Q know-3HON-NEG.REL-F.NOM
 [*zahh-ée-se*]_{Relative 2} [*boomb-éechch-ut*]_{Head noun (...)}
 confuse-[3M.]PRF-3F.OBJ.REL beetle.sp-SGV-F.NOM
yaaran-áta gaffár-ti-yan (...)
 loud.sound-F.ACC release-3F.PFV.CVB-DS
 ‘(...) when a confused beetle (F), which came from goodness knows
 where, released a loud noise (lit. when a beetle, (of) which one does/did
 not know where she came from and which (something) had confused,
 released a loud noise) and (...).’ (de Saint-Exupéry 2018: 45–46)

In (24), the locative noun *hixéen* ‘over grass’ is modified by a negative participle, which agrees with it in feminine gender and case – note that the oblique case of modifiers shows agreement with non-nominative/accusative head nouns. As the head noun is coreferent with the subject of the participle clause in this particular example, the 3F subject index of the participle also points to the grass.

- (24) [[*Kaa'll-it-úmb-o-ssa*]_{RELATIVE CLAUSE MODIFIER} [*hix-éen*]_{HEAD NOUN}
 help-3F-NEG.REL-F.OBL-3PL.OBJ grass-F.LOC
ba'án-t goof-fóo'u.
 quarrel(.PASS)-3F.PFV.CVB finish-3F.PFV
 ‘They²² quarreled over grass that had no use for them.’ (i.e. It was a
 needless fight.) (Volunteered 2019)

Example (24) shows that negative participles, like affirmative relative verbs (23), can carry object morphology, which in this case is *-ssa* ‘them’ (3PL.OBJ). Interestingly, the (verbal) object morphemes are located at the right edge of the participle, still after the adjectival case/gender morphology.

Only a single verb follows a different negative relative strategy: The defective existential verb *yoo-* (COP.EX) ‘exist, be (located), be (for a possessor)’ (§2.3) uses the standard negator *-ba('a)* in relative clauses. The negator is realized as *-ba'í* in its relative form (25).

- (25) *Mateemínn-it yoo-ba'í=dda*
 shortage.of.manpower-M.NOM COP.EX.3F-NEG.REL=COND
shool-uhá-a iill-itáa'u.
 four-M.ACC-ADD reach-3F.IPFV
 ‘If there is no shortage of manpower, she (= the young mother) is
 confined (indoors) for as long as (lit. she reaches) four (months).’
 (Recorded conversation, EK2016-02_23_002)

2.4.3 Negation of purposive clauses

Kambaata has two purposive paradigms, i.e. dependent verb forms used in purpose and certain complement clauses and marked for switch-reference (Treis 2010). The verb forms in *-óta* are used in same subject contexts, e.g. *hab-óta* (forget-[3M.]PURP.SS) ‘so that he (= ss) forgets’; the verb forms in *-unta* in different subject contexts, e.g. *bá'-unta* (spoil-[3M.]PURP.DS) ‘so that he (= DS) is spoilt’. There is no negative purposive paradigm. Instead negative purpose clauses are based on negative relative clauses (§2.4.2) plus the similitive marker =g ‘manner; like’ (see Treis 2017 on the multifunctionality of =g). The distinction between ss and DS purposive is neutralized under negation; see (26–27), where the same verb form is used in same and different subject contexts.

- (26) “(...)” *y-ée’u qakk-íchch-u láah-u, barg-í*
 say-3M.PFV small-SGV-M.NOM prince-M.NOM add-[3M.]PFV.CVB
zákk-o ká xah-á
 later-M.OBL ADN.PROX.M.ACC words-M.ACC
hab-úmb-o=g-a.
 forget-[3M.]NEG.REL-M.OBL=SIMV-M.OBL
 “(...)”, said the Little Prince again so that he (= ss) wouldn’t forget these words later.’ (de Saint-Exupéry 2018: 74)

- (27) *Zuug-gaa-sí=r-u boq-o-ssá múumm-u*
 scrape-3F.IPFV-DEF.REL=NMLZ-M.NOM head-F.GEN-3PL.POSS hair-M.NOM
hoog-óon ba'-úmb-o=g-a
 enset.juice-F.ICP spoil-[3M.]NEG.CVB-M.OBL=SIMV-M.OBL
shom-úta wo'rr-ítee'u.
 type.of.headgear-F.ACC put.on.MID-3F.PRF
 (Description of a picture:) ‘Those of them who are scraping (the enset sheaths) are wearing headgear (made from enset leaves) so that their hair (= DS) is not damaged by the (acidic) enset juice.’ (Volunteered 2003)

2.4.4 Negation of verbal noun clauses

Verbal nouns consist of a verbal stem plus a case/gender marker *-ú* (M.ACC) in the citation form, e.g. *ta'mm-ú* ‘using’ (28), and inflect like any other noun (Treis 2012a). They may function as arguments and as adverbial constituents, and are used, among other things, as final verbs in purpose, manner and complement clauses. Verbal nouns cannot be negated morphologically but require

a periphrastic negation with *hoog-* ‘not do’. The negative verb takes the verbal noun as a direct object (28).

- (28) *Mát-e Kambaata-iss-á laag-á goof-óon i-hé*
 one-F.OBL Kambaata-GLOT-F.GEN word-F.GEN end-M.LOC i-F.GEN
tá'mm-uhu-u ta'mm-ú hóog-uhu-u
 use-M.NOM-ADD use-M.ACC not.do-M.NOM-ADD
qood-am-anó-ohu láag-a-s
 decide-PASS-3M.IPFV.REL-NMLZ.M.NOM word-F.NOM-3M.POSS
anabbab-[an-táa=g-iine-et].
 read-PASS-3F.IPFV.REL=SIMV-M.ICP-COP.ID

‘The use of “i” (lit. using and not using “i”) at the end of a Kambaata word is determined by the way it is pronounced (lit. read).’ (Maatewoos 1992: 16 [corrected by Deginet Wotango Doyiso])

2.5 Negative lexicalizations

The use of the inherently negative verb *hoog-* ‘not do; miss, lack, not have; be tired’ as periphrastic negator has already been exemplified in (28). Alemu (2022) makes ample use of the verb in his monolingual definitions of idiomatic expressions (29–30); note that verbal head entries of his dictionary are given in their accusative verbal noun form.

- (29) *wozán-u saqal-am-ú = fooloocc-ú hoog-ú.*
 heart-M.NOM hang-PASS-M.ACC rest-M.ACC not.do-M.ACC
 [Entry] ‘of heart, to be hung’ = [Definition] ‘not to rest’ (Alemu 2022)
- (30) *godáb-u mool-ú = il-áta hinát-e-n*
 belly-M.NOM be(come).dry-M.ACC progeny-F.ACC totality-M.OBL-EMPH
il-ée'nna²³ fá'-ú; il-ú hoog-ú.
 give.birth-3HON.NEG.CVB remain-M.ACC give.birth-M.ACC not.do-M.ACC
 [Entry] ‘(of) belly, to be(come) dry’ = [Definition] ‘to never have (lit. to remain totally without bearing) children; not to bear (children)’ (Alemu 2022)

See §4.6.3 for information on the use of the converb form of *hoog-* ‘not do’ as a disjunctive.

Kambaata’s second inherently negative verb, *waayy-* ‘probably not do’, is often used in its perfective converb form as an adverbial modifier to another verb (31).

However, my fieldwork corpus also shows instances of main verb use (32), if it is clear from the context what probably does not happen. Note that the following examples contain no morphological negators.

- (31) *Kabár xeená ubb-ó=da ba'-nn-óta-at!*
 today.M.OBL rain-M.ACC fall-3M.PFV.REL=COND be.lost-1PL-PURP.SS-COP.ID
Ati-sí-i daanxil-á waayy-ít
 2SG.NOM-DEF-ADD umbrella-M.ACC **probably.not.do**-2SG.PFV.CVB
af-fáant.
 seize-2F.IPFV
 ‘We are going to be in trouble (lit. lost) if it rains today. You probably don’t have an umbrella with you either.’ (Volunteered 2019)

- (32) *Kám, waayy-áno.*
 oh.no **probably.not.do**-3M.IPFV
 (A states that Duuballa is not as rich as Handiso. B, however, thinks that they are equally rich. He replies:) ‘Come on, this is probably not (true).’
 (Volunteered 2014)

Kambaata does not have a lexicalized negative verb ‘not exist’. Among Highland East Cushitic languages, negative existential verbs are only attested in Hadiyya and Libido (Treis 2012b: 32).

3 Non-clausal negation

3.1 Negative replies

Positive questions are answered positively with *áá* ‘yes’ or, as seen in (33), negatively with *ā’á’ā* ‘no’.

- (33) A: *Át núr Ameerík-a-a*
 2SG.NOM last.year.M.OBL PN-M.PRED-M.COP.ASC
mar-toontí-ihu?
 go-2SG.PFV.REL-NMLZ.M.NOM
 ‘Did you go to America last year?’
 B: *Ā’á’ā, Ĵermán-a-a.*
 no PN-M.PRED-M.COP.ASC
 ‘No, to Germany.’ (Elicited 2019)

The negative interjection $\bar{a}'\acute{a}'\bar{a}$ 'no' is not attested as a polarity-reversing particle in reply to a negative question. Interestingly, the positive interjection $\acute{a}\bar{a}$ 'yes' is found both in replies that confirm (34) or disconfirm negative questions (35). In (34), $\acute{a}\bar{a}$ 'yes' signals agreement with the (negative) polarity of the question. In (35), in contrast, it signals agreement with the speaker's implicit assumption of the negative question (§2.2.3), namely that the addressee can see the people on the horizon.

- (34) A: *Shariif-á dag-gáanti-ba-ndo?*
 PN-M.ACC know-2SG.IPFV-NEG-Q
 'Don't you know Shariifa (= a place)?'
 B: $\acute{A}\bar{a}$, *án waayy-í márr*
 yes 1SG.NOM probably.not.do-[1SG.]PFV.CVB go.[1SG.]PFV.CVB
kas-áamm.
 do.ever-1SG.IPFV
 'No (lit. yes), (I don't know it,) I have probably never been there.'
 (Volunteered 2019)
- (35) A: *Kóo, (...) ká'e qée'rr-a*
 2M.VOC PRO.CNTR.M.OBL far-M.OBL
lall-it-im-bá-he-ndo?
 occur-3F-NIPFV-NEG-2SG.OBJ-Q
 'Hey, (...) can't you see them (lit. don't they occur to you) far over there?'
 B: $\acute{A}\bar{a}$, *hikkada xíshsh=á'-nn maram-moommí=da*
 yes then strongly.IDEO=do-1PL.PFV.CVB walk-1PL.PFV.REL=COND
iill-ináan-sa.
 reach-1PL.IPFV-3PL.OBJ
 'Yes, (I can see them,) so we can (still) catch up with them if we walk fast (lit. strongly).' (Volunteered 2016)

A frequent negative reply to questions in natural conversation is *kám* 'oh no, come on, far from it, forget it, don't worry'. The word class categorization of *kám* is difficult. It originates from the 2SG imperative form $kám[i]$ ²⁴ of the full verb *kam-* 'hold back, not give, forbid, remove, protect from, deprive of', the corresponding 2PL form being *kammé*. As a negative reply, however, *kám* is no

²⁴The bracketed vowel of the imperative is not pronounced word-finally but resurfaces when other morphemes are added.

- (38) A: (...) *agan-áan agan-áan mám-maté áa'll-u*
 month-M.LOC month-M.LOC RED-one-MULT wash-M.NOM
ih-áno-ba-ndo?
 be(come).enough-3M.IPFV-NEG-Q
 'Isn't it enough to wash once a month?'
 B: *Ih-áno-ba'a.*
 be(come).enough-3M.IPFV-NEG
 'No.' (lit. 'It isn't enough.') (Kambaata Education Bureau 1989 E.C.: 4.118)

For another type of negative reply, see (50).

3.2 Negative indefinites and quantifiers

Kambaata does not have any inherently negative indefinites. If interrogative pronouns are combined with the additive suffix ('also, even'),²⁵ they can serve as free-choice indefinite pronouns ('WH-ever', 'any-WH') in affirmative contexts and be translated as negative indefinite pronouns under negation ('nobody', 'nothing', 'nowhere', 'never', etc.) (Treis 2015); see the additive-marked interrogative phrases in (39–40).²⁶

- (39) *Fanqashsh-ú-s ay-í-i dag-áno-ba'a.*
 answer-M.ACC-DEF **who-M.NOM-ADD** know-3M.IPFV-NEG
 'Nobody (lit. even who) knows the answer.' (Elicited 2019)
- (40) (...) *háтта j-aatá-a méxx-o min-í*
which.F.ACC time-F.ACC-ADD single-M.OBL house-M.GEN
aaz-éen gag-á iitt-uhú-u gar-ití-i
 interior-M.LOC self-M.ACC love-M.NOM-ADD truth-F.NOM-ADD
hanqaphph-án-t he'-íiha dand-itáa-ba'a.
 embrace.MID-PASS-3F.PFV.CVB live-M.DAT be.able-3F.IPFV-NEG
 '(...) self-love and truth (i.e. selfishness and justice) can never live together in one and the same house (lit. cannot live together even (at) what time).' (Kambaata Education Bureau 1989 E.C.: 6.124)

²⁵Dependent on the quality of the final vowel and the stress pattern of the host, the additive suffix is either realized as a lengthening of the final vowel or as *-nii*.

²⁶As predicted by the semantic map in Haspelmath (1997: 64), who was pointed out to me by an anonymous reviewer, Kambaata's additive interrogative pronouns are also used in indirect negation (e.g. 'I don't think that anyone (lit. even who) knows the answer') and in comparatives (e.g. 'She knows about it more than anyone (lit. than even who)').

Alternatively, additive-marked noun phrases with *mexx-ú* (M)/*mexx-íta* (F) ‘single’, used either as the head or the modifier of the phrase, express ‘nothing’, ‘nobody’, ‘no N’ etc. under negation; see (20) and (41). See also the noun phrase *mexx-e-níi* (single-MULT-ADD), literally ‘also/even a single time’, which would express ‘never’ under a negative predicate.

- (41) (...) *ká* *heess-á* *méxx-o* *man-ch-iihá-a*
 ADN.PROX.M.ACC story-M.ACC single-M.OBL people-SGV-M.DAT-ADD
ku'll-im-bá'a.
 tell.MID-[1SG.]NIPFV-NEG
 ‘(...) I have not told this story to anybody (lit. to even a single person).’
 (de Saint-Exupéry 2018: 91)

3.3 Negative derivation

Kambaata has a caritive derivational morpheme *-beel*, which generates denominal adjectives with the meaning ‘[N]-less, [not having] N’. It either attaches to the nominal stem or the genitive form and is followed by the case and gender markers *-ú* (M)/*-úta* (F) in the citation form (accusative). Treis (2008: 277) has too hastily characterized the caritive derivation as “seldom used”,²⁷ whereas Alemu’s (2016) dictionary shows that it is in fact fairly productively applicable – at least in a certain genre, namely written texts (including schoolbooks) (42).²⁸

- | | | | | | |
|------|------------------------|----------------------------|---|----------------|-------------|
| (42) | <i>bonx-beel-ú(ta)</i> | ‘leafless, without leaves’ | < | <i>bonx-á</i> | ‘leave(s)’ |
| | <i>muum-beel-ú(ta)</i> | ‘hairless, without hair’ | < | <i>muumm-í</i> | ‘hair’ |
| | <i>seer-beel-ú(ta)</i> | ‘illegal, without rules’ | < | <i>seer-á</i> | ‘rule, law’ |

The use of the caritive derivation in speech remains little attested, and clausal constructions of the type ‘which does not have N’ are clearly preferred. Furthermore, most caritive adjectives attested in my written corpus are best considered semantically transparent adhoc creations and the result of the generalization of a hitherto only weakly productive derivational schema. Examples of caritives that are not adhoc creations but widely shared across the speech community are given in (43). Note that many of these established caritives are lexically idiosyncratic derivations.

²⁷In Treis (2008), the label “privative” rather than “caritive” is used for the derivation with *-beel*.

²⁸Alemu (2016) alone contains 128 different caritive adjectives, most of which are used in the monolingual definitions.

(43)	<i>wol-beel-ú(ta)</i>	‘countless’	<	<i>woll-úta</i>	‘counting, number’
	<i>wozan-beel-ú(ta)</i>	‘forgetful’ (lit. heartless)	<	<i>wozan-á</i>	‘heart’
	<i>su’mm-beel-é²⁹</i>	‘first week of July’ (lit. nameless)	<	<i>su’mm-á</i>	‘name’
	<i>maq-ee-beel-úta</i>	‘pregnant’ (lit. powerless)	<	<i>maq-ée</i> F.GEN	‘of power’
	<i>hagar-beel-ú(ta)</i>	‘indescribable, uncategorizable, ugly’ (lit. without type)	<	<i>hagar-á</i>	‘type’
	<i>man-beel-(ch)³⁰-ú(ta)</i>	‘foreign, without relatives in the area’ (lit. without people)	<	<i>mann-á</i>	‘people’

Kambaata does not have an adposition or a case marker expressing ‘without’. Hence absence is expressed in a negative converb clause or a circumstantial relative clause as ‘not having seized N’ (44) or as ‘N not being present’.

- (44) *Meqqéerr-at úull-a úb-b huur-á*
 afterbirth-F.NOM ground-F.OBL fall-3F.PFV.CVB dirt-M.ACC
af-f-ú’nna ke’-áa-ba’a.
 seize-3F-NEG.CVB get.up-[3F.]IPFV-NEG
 ‘When the afterbirth falls to the ground, it does not get up without dirt
 (lit. without having seized dirt).’ (Proverb, Alamu & Alamaayyo 2017: 113)

4 Other aspects of negation

4.1 The scope of negation

The negation of a final main or relative verb generally has scope over a preceding same subject general converb – e.g. *beeqq-am-éen* in (45).

- (45) (...) *nugguss-áan-ch-u he’-áni-yan maal-á*
 circumcise-AGT-SGV-M.NOM live-[3M.]IPFV.CVB-DS meat-M.ACC
beeqq-am-éen it-éenno-ba’a.
 share.MID-PASS-3HON.PFV.CVB eat-3HON.IPFV-NEG
 ‘(...) if there is a (newly) circumcised (boy in the household), one (does

²⁹The case/gender-morpheme *-é* is the accusative morpheme of the largest declension of feminine proper nouns (Treis 2008: 103).

³⁰The *-ch*-morpheme marks the singulative.

not) share the meat among (the family members) and does not eat it (together).’ (Recorded conversation, EK2016-02-23_001)

The scope of negation is often narrowed down to a specific constituent (an NP, a clause etc.) through a cleft construction (46); see also (66). The focussed constituent is the non-verbal predicate (marked by a copula), which is negated by *-ba(’a)* (NEG); the backgrounded part of the sentence is expressed in a headless, nominative-marked relative clause.

- (46) *Lag-áakk-at kaa’ll-ittaa’í-i(hu) maranch-áa*
 river-PLV-F.NOM be.uscd-3F.IPFV.REL-NMLZ.M.NOM transport-F.DAT
xall-íiha-ab-ba’á.
 only-M.DAT-COP.ID-NEG
 ‘The rivers are not only used for the transport (of goods).’ (lit. ‘It is not only for the transport that the rivers are used.’) (Kambaata Education Bureau 1989 E.C.: 3.54)

Whereas all the examples presented so far in this chapter show that the inflectional negators are affixed to the predicate, an ellipsis construction from a recorded conversation and elicited data triggered by this natural example prove that the standard negator can also directly attach to (pro)noun phrases in order to restrict the scope of negation (47).³¹

- (47) *Antab-eechch-úta min-í aag-ís-i, gamball-áb-ba’á,*
 chicken-SGV-F.ACC house-M.ACC enter-CAUS-2SG.IMP black-F.ACC-NEG
wojj-úta!
 white-F.ACC
 ‘Bring the hen into the house; not the black one, the white one!’ (Elicited 2019)

4.2 Negative polarity

The additive-marked indefinite pronouns discussed in §3.2 can count as negative polarity items, as they cannot be used in affirmative, non-free choice contexts, e.g. in reference to specific individuals, as in *Someone was looking for you*.

³¹As pointed out to me by an anonymous reviewer, languages are often more liberal in the placement of negative markers in ellipsis constructions than in independent clauses, e.g. *I invited John but not Bill* vs. **I invited not Bill*.

- B: *Hór-a-nii!*
all-M.OBL-ADD
 ‘Not at all!’ (Volunteered 2015)

A negated verb can also be reinforced through a verbal noun copy, as in (51). The verbal noun is marked for the accusative case, which does probably not mark it as a direct object in this particular example but rather as an adverbial adjunct (§1.2).³²

- (51) (...) *etar-íin-ta-s* *yóo* *Sabir-ó* ***dag-ú<n>ka***
 behind-M.ICP-LNK-3M.POSS COP.EX.3M.REL PN-M.ACC **notice-M.ACC**
dag-im-bá’a
notice-[3M.]NIPFV-NEG
 ‘(...) it (= the leopard) did not at all notice Sabiro (lit. did not notice noticing Sabiro), who was standing behind it.’ (Kambaata Education Bureau 1989 E.C.: 8.23)

Kambaata’s third strategy to reinforce a negative clause is through an experiential perfect construction (Treis 2021: 327–331), which expresses ‘have (n)ever (once) VERB-ed’ (52). The construction consists of a perfective converb plus a phonologically independent, non-inflecting element *kása* ‘ever’, or plus an inflected verb *kas-* ‘do ever’. The converb and the adjacent ‘ever’ constitute a periphrastic verb form that cannot be separated by an intervening constituent.

- (52) *Hitt* *gaararéem-at* *kará* *xúud-d*
 ADN.PROX.F.NOM chameleon-F.NOM PRO.PROX.M.PL.ACC see-3F.PFV.CVB
kása-ba’a
ever-NEG
 ‘The chameleon had never seen these (animals).’ (Recorded conversation, TD2016-02-11_001)

The positive construction is predominantly used in questions (‘Has SBJ ever VERB-ed?’), as in the first part of (53); it is rarely attested in declarative clauses, where it stresses that SBJ has as only VERB-ed once, as in the second part of (53).

- (53) A: *Ajjoor-í* *faam-á* *xúud-d* ***kása?***
 PN-M.GEN waterfalls-M.ACC see-2SG.PFV.CVB **ever**
 ‘Have you ever seen the Ajjoora falls?’

³²Even intransitive verbs can take verbal noun copies, which suggests that the latter is not a direct object.

- B: *Áā, xúujj kása.*
 yes see.[1SG.]PFV.CVB **ever**
 ‘Yes, I have seen them (only) once.’ (Volunteered 2021)

The negative construction is most common in declarative clauses (‘SBJ has never/not once VERB-ed’) (52). The time in which the subject never VERB-ed is usually the span of their existence (‘never (in SBJ’s life time)’) (52), but may also be a period from a given starting point onward, e.g. the time when the addressee in (54) promised to call.

- (54) *Mexx-é dawwal-tóont, dawwal-áamm y-ít*
 single-MULT call-2SG.PFV call-1SG.IPFV say-2F.PFV.CVB
ba’-óont hikkannúichch ka=b-á
 disappear-2SG.PFV PRO.MED.M.ABL PRO.PROX.M.ACC=PLC-M.ACC
dawwál-t kása-ba’a.
 call-2F.PFV.CVB **ever-NEG**
 ‘You called (me) once; (then) you said “I will call (again)”, (but) you disappeared, and up to now you have never called (again).’ (Volunteered 2017)

4.5 Negation, coordination and complex clauses

Kambaata does not have any special negative coordinators. Main, complement and adverbial clauses are coordinated with the additive morpheme (ADD) irrespective of their polarity; see the coordinated benedictive clauses in (55) and the coordinated verbal noun clauses in (56). In the same way as other modifiers in the noun phrase, relative clauses are coordinated with *-na* (COORD), irrespective of their polarity; in (56), the gods are modified by a negative and an affirmative relative clause in coordination.³³

- (55) *Maadd-u-’né-e horajj-áata*
 eating.place-M.NOM-2PL.POSS-ADD all.times-F.ACC
haráar-u-nii gáa’nn-u-nii.
 be(come).wide-[3M.]BDV-ADD be(come).fat-[3M.]BDV-ADD
hór-a-n xuqq-ún-ka-nii
 all-F.OBL-N be(come).narrow-[3M.]JUSS-NEG.JUSS-ADD

³³Compare with the coordination of two affirmative relative clauses in (13).

qac-ún-ka-nii.

be(come).thin-[3M.]JUSS-NEG.JUSS-ADD

‘And may your eating place always be wide (i.e. with many family members) and fat (i.e. with plenty of food); may it never be narrow and thin.’
(Blessing on the *masaala*-holiday, Volunteered 2003)

- (56) (...) *it-iihá-a* *hansuus-iihá-a* *dand-it-umb-ú³⁴-na*
eat-M.DAT-ADD smell-M.DAT-ADD be.able-3F-NEG.REL-M.ACC-COORD

(...) *mann-í* *ang-áan* *wez-eemmá* *kiil-á*
people-M.GEN hand-M.ICP make-3HON.PFV.REL sorcery-F.GEN

magan-n-aakk-áa *saggad-deen[án]ta.*

god-PLV-PLV-F.DAT prostrate-2PL.IPFV

‘(...) you will prostrate before gods that cannot (...) eat and smell, and that were made by human hands (...)’ (Deuteronomy 4: 28; lit. translation from the Kambaata version) (The Bible Society of Ethiopia 2023)

Contrastive negation is expressed by two main clauses conjoined with the conjunction *bagáan* ‘but’ (CNTR), which belongs prosodically to the first clause. The possible pause is indicated by (.) in (57) and similar examples. Mostly, the second clause is negated (‘p but not q’), as in (57)³⁵ – note, however, that in an idiomatic English translation the order of clauses is reversed (‘not q but p’). The conjunction *bagáan* is not inherently negative and also used to contrast two affirmative clauses.

- (57) *Kúun* *búud-u* *yóo-si-a*
PRO.PROX.M.NOM horn-M.NOM COP.EX.3M-3M.OBJ.REL-M.COP.ASC
hambúl-a *bagáan* (.) *hóol-ch-u-ta-ba’a.*
ram-M.PRED CNTR sheep-SGV-F.PRED-F.COP.ASC-NEG

‘This is not a ewe but (this is) a ram with horns.’ (de Saint-Exupéry 2018: 14)

Kambaata does not have inherently negative subordinators. See §2.4 for information on the negation of subordinate clauses.

³⁴It is unclear why the masculine marker is used here, although the head of the NP is feminine.

³⁵Cf. (11), (14) and (15). See, however, (21) for a contrastive example in which the first clause is negative.

4.6 Miscellaneous aspects of negation

4.6.1 Negation through inference

There are (at least) two constructions that regularly invite a negative inference even in the absence of an overt negative morpheme. The first construction contains the equative demonstrative (and by extension: intensifier) *kank-á* ‘that much/many; very much/many’. If used predicatively (lit. ‘it is that/very much’) (58), the demonstrative often invites a negative interpretation (‘it is not that/very much’) (see also Treis 2019: 195).

- (58) *Gíir-at katam-í mann-íi aass-itáa tám-it*
 fire-F.NOM town-M.GEN people-M.DAT give-3F.IPFV.REL use-F.NOM
kánk-a-anta.
that.much-F.PRED-F.COP.ASC<EMPH>

‘The use that fire has (lit. gives) for townspeople is not that much (lit. is that much).’ (Kambaata Education Bureau 1989 E.C.: 4.56)

The apprehensive verb form (Treis forthcoming) is a fully grammaticalized main verb paradigm that is used in warnings of looming dangers and in threats (59a-59c).

- (59) a. *bu<m>bókkoomm*
 burn<1PL>APPR
 ‘(take care, otherwise) we might burn’
 b. *eeb-bókkooont*
 bring-2SG.APPR
 ‘(take care, otherwise) you might bring/cause (something)’
 c. *ag-ókkoo-kke*
 drink-3M.APPR-2SG.OBJ
 ‘(take care, otherwise) (it) might drown (lit. drink) you’

Whereas the second person apprehensive can be used as a warning of an imprudent realization of an undesirable event, as in (59b), it is also very common to employ the second person apprehensive as a negative command and thus as synonymous to the negative imperative (§2.2.1). See (60), where the second person apprehensive and the negative imperative occur in the same context, and Treis (forthcoming: §3.3) for details.

- (60) *Bookk-íta it-téen-oochch-iyye; (...) resh-á-ssa-n*
 pigs-F.ACC eat-2PL-NEG.IMP-2PL.IMP carcass-M.ACC-3PL.POSS-EMPH
ul-teenókkooonta.
 touch-2PL.APPR

‘Don’t eat pork; (...) don’t touch their carcasses.’ (Deuteronomy 14: 8; lit. translation from the Kambaata version) (The Bible Society of Ethiopia 2023)

4.6.2 Metalinguistic negation

Kambaata does not have a dedicated strategy for metalinguistic negation. Instead, as (61) proves, the contrastive construction (cf. 57) is employed. The disputable word choice is negated in clause 2.

- (61) *Wóm-m-at gashsh-itáa bagáan (.) mát-ua=rr-ii*
 king-PLV-F.NOM reign-3F.IPFV CNTR one-M.OBL=NMLZ-M.GEN
ann-á ik-káa-ba’a.
 owner-M.ACC be(come)-3F.IPFV-NEG

(The businessman interrupts the little prince mid-sentence and corrects his word choice:) ‘They rather “reign over” (their kingdom); kings do not “own” anything.’ (de Saint-Exupéry 2018: 47)

A different conversational pattern equivalent to metalinguistic negation is illustrated in (62). A does not negate B’s word choice, as in (61), but first quotes it in a question. The preferred wording is then expressed in an isolated *bagáan*-clause.

- (62) *Árr-u fúll-ee’u y-áano-ndo? Hór-a buss-áyyoo*
 sun-M.NOM come.out-3M.PRF say-3M.IPFV-Q all-M.OBL burn-3M.PROG
bagáan.
 CNTR

(A says: ‘The sun is shining (lit. has risen).’ – B corrects A’s word choice.) ‘The sun is not shining but really burning.’ (lit. ‘Does one say “The sun has come out”? Rather “(It) really burns.”’) (Elicited 2019)

4.6.3 Non-negative use of negative constructions

This section discusses two non-negative uses of negative constructions. Firstly, the fossilized 3M perfective converb form, *hóogg* lit. ‘(he) not being’, of the lexically negative verb *hoog-* ‘not do’ (§2.5) serves as a disjunctive between phrases and clauses (‘or’), especially in locally produced written material (63), where it is

possibly triggered by the need to find a handy translation for Amharic *wäy* ‘or’ in Kambaata.

- (63) (...) *mán-ch-u-s* *shuma'-anó* *j-áata*
 people-SGV-M.NOM-DEF pee-3M.IPFV.REL time-F.ACC
hóogg *wól-e* *gajaajj-óon* *mal-á-s*
 not.do.[3M.]PFV.CVB other-F.OBL reason-F.ICP pustule-F.ACC-DEF
úll (...)
 touch.[3M.]PFV.CVB
 ‘(...) when the person pees or when he touches the pustules for another reason (...)’ (Kambaata Education Bureau 1989 E.C.: 6.133)

Kambaata has a construction that bilingual speakers regularly translate as a negative question in English. It is marked by question intonation and the morpheme *-bay* (64). However, questions marked by *-bay* are not intended to solicit an answer. They are possibly best characterized as rhetorical questions and are, as such, also found in the middle of monologues. They can express (i) a strong expectation on the side of the speaker that the addressee will fully agree, (ii) the speaker’s surprise that the addressee has expressed the opposite, forgotten about something or not realized something obvious (64), or (iii) the speaker’s comment about a surprising encounter or discovery (65). So even though the construction comes in the form of a negative question, it is a strongly non-negative assertive statement.

- (64) *Ayichch-é=b-a* *mán-n* *shaf-an-tóo*
 Mum-F.GEN=PLC-M.ACC go-1PL.PFV.CVB churn-PASS-3F.PFV.REL
az-úta *a<n>gim-báy?!*
 milk-F.ACC drink<1PL>NIPFV-*bay*
 (A asks B to explain to her what “churned milk” is. B is surprised by the question and says:) ‘Remember, we drank churned milk when we went to Mum’s place!’ (lit. ‘Didn’t we drink churned milk when we went to Mum’s place?!’) (Volunteered 2019)
- (65) A: *Xáh-u* *waal-áyyoo-bay?!*
 issue-M.NOM come-3M.PROG-*bay*
 ‘Oh, (here/now) comes the problem!’
 B: *Āā* (...).
 yes
 (Comment from the audience during a recording of a narrative) ‘Yes, (...)’ (B explains the turning point of the story again.) (Recorded conversation EK2016-02-12_003)

The morpheme *-bay* is possibly segmentable into the standard negator *-ba* (§2.1) plus an undetermined *-y*. However, even though speakers tend to translate it as a negative interrogative in English or provide it as a rough equivalent of the *-ba-ndo*-form in (9–10), the categorization of *-bay* as a negator is not entirely certain. On the one hand, it is attested after the non-imperfective morpheme *-im* (64), which is an aspect category exclusive to negative polarity (recall Table 3), and thus this combination is an argument in favor of interpreting *-bay* as a negator. On the other hand, *-bay* is also attached to progressive verbs (65), where the standard negator never occurs. Furthermore, *-bay* can combine with an already negated verb, the result being a double negative question (lit. ‘Wasn’t it not by chance?’), which serves as a strongly assertive negative statement (66), often after a surprising discovery (e.g. ‘Oh, it was not by chance!’). If the standard negator (NEG) in (66) were dropped, the sentence would again be an assertive affirmative statement (lit. ‘Wasn’t it by chance?’ for ‘Oh, it was by chance!’).

- (66) (...) *qée’rr-aa=bb-aan maran-t-áni-yan*
 far-M.OBL=PLC-M.LOC walk-2SG-IPFV.CVB-DS
gambá=y-inoommí-i(hu) áda
 meet=say-1PL.PFV.REL-NMLZ.M.NOM DM
dangítt-a-ne-eb-ba-bay?!
 chance-M.OBL-LNK-COP.ID-NEG-*bay*
 (Speaker realizes that he was mistaken:) ‘So it was not by chance that you were walking along in this remote place (...)?!’ (de Saint-Exupéry 2018: 82)

There are two possible positions of *-bay*: It can be suffixed to the main predicate (64–66) or a focused constituent (67). In the latter case, the sentence-final predicate undergoes final vowel-lengthening whose functional motivation is not yet clear.

- (67) *Tá abbabbáann-uta mann-aakk-á=g-a-bay*
 ADN.PROX.F.ACC grown.up-F.OBL people-PLV-F.GEN=SIMV-M.OBL-*bay*
haasaaww-itáyyoonti-i?!
 talk-2SG.PROG-VV
 (Speaker surprised:) ‘You talk *like the grown-ups!*’ (de Saint-Exupéry 2018: 28)

4.6.4 Diachronic notes and observations

The diachrony of the Kambaata negative morphology is still unexplored. A study of verbal negation in Highland East Cushitic (Treis 2012b) has shown that the languages apply fairly divergent means of standard negation. There are four non-cognate standard negators: (i) Hadiyya *-yyo*, Libido *-ssho*, (ii) Kambaata and Alaaba *-ba'(a)*, K'abeena *-ba*, Gedeo *-baa* and *-bo'*, (iii) Sidaama *di=*, and (iv) Burji *-ey'i*. Given that the Highland East Cushitic languages are closely related, some standard negators must be fairly recent innovations. Negators with initial *b* are found in the standard negation of Kambaata, Alaaba, K'abeena and Gedeo as well as in Hadiyya and Libido, which have a dedicated negative existential verb *bee'e* 'not exist'. *Bee'e* is probably cognate with Kambaata *-ba'(a)* (NEG). Sasse (1982: 22) expresses the tentative hypothesis that the Highland East Cushitic negators with initial *b* are "borrowed from Omotic" – but without providing any supporting evidence.

5 Summary

The five negative inflectional suffixes of Kambaata are summarized in Table 10.

Table 10: Summary of inflectional negators in Kambaata

Negator	Function	Section
<i>-ba'(a)</i>	Negation of declarative main verbs	§2.1
	Negation of non-verbal predicates	§2.3
	Constituent negation	§4.1
<i>'-oot</i>	Negation of imperatives	§2.2.1
<i>'-ka</i>	Negation of jussive and benedictives	§2.2.2
<i>-u'nnáachch</i> ~ <i>-u'nnáan</i> ~ <i>-ú'nna</i>	Negation of perfective and imperfective converbs	§2.4.1
<i>-umb</i>	Negation of relative verbs	§2.4.2
	Negation of purposive verbs	§2.4.2

Non-morphological means, i.e. periphrases with a lexically negative verb, are needed to negate verbal nouns. As shown in §2.1 and §2.3, only negated imperfective main verbs and non-verbal predicates are fully symmetrical to their affir-

mative counterparts. Everywhere else the following paradigmatic asymmetries are observed:

- Reduction or neutralization of aspectual distinctions – see non-imperfective main verbs (§2.1), converbs (§2.4.1) and relative verbs (§2.4.2).
- Reduction of the set of subject indexes – see non-imperfective main verbs (§2.1) and relative verbs (§2.4.2).
- Neutralization of a modal distinction – see jussives/benedictives (§2.2.2).
- Neutralization of the same subject/different subject distinction – see converbs (§2.4.1) and purposive verbs (§2.4.3).

The following constructional asymmetries are observed:

- Different means of subject indexing:
 - Type 1: Bipartite subject indexing is reduced to simple subject indexing – see non-imperfective main verbs (§2.1) and relative verbs (§2.4.2).
 - Type 2: Covert subject indexing in the affirmation vs. overt subject indexing in the negation – see imperatives (§2.2.1).
- Optional object marking in the negation, but incompatibility of object marking in the affirmation – see converbs (§2.4.1).
- Fully verbal morphology in the affirmation, but verb-adjective hybrids in the negation – see relative verbs (§2.4.2).
- Neutralization of the distinction between relative-based and purposive-based purpose verb forms (§2.4.3).

Apart from inflectional means of negation, Kambaata has a productive caritative derivation *-beel* ‘-less’ that generates adjectives on the basis of nouns (§3.3). Kambaata has no negative indefinite pronouns and instead uses additive-marked interrogatives and quantifiers to express ‘nobody, nothing, nowhere etc.’ under negation (§3.2).

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Abbreviations

1	first person	IPFV	imperfective
2	second person	JUSS	jussive
3	third person	LNK	linker
ADN	adnominal	LOC	locative
ABL	ablative	M	masculine
ACC	accusative	MED	medial
ADD	additive	MID	middle
AGT	agentive	MIT	mitigator <i>-la</i>
APPR	apprehensive	MULT	multiplicative
ASC	ascriptive (copula -(h)a(a) (M)/-ta(a) (F))	n.a.	not attested
ASSOC	associative plural	NEG	negator
BAY	rhetorical question	NIPFV	non-imperfective
BDV	benedictive	NMLZ	nominalizer
CAUS	simple causative	NOM	nominative
CNTR	contrastive	OBJ	object
COND	conditional	OBL	oblique
COP	copula	ORD	ordinal
COORD	coordinative	PAL	palatalization
CVB	converb	PASS	passive
DAT	dative	PFV	perfective
DEF	definite	PL	plural
DS	different subject	PLC	place
E.C.	Ethiopian calendar	PLV	plurative
EMPH	emphasis	PN	proper noun
EX	existential (copula)	POSS	possessive
F	feminine	PRAG	<i>-be</i> -suffix (function yet to be determined)
GEM	gemination	PRED	predicative
GEN	genitive	PRF	perfect
GLOT	glottonym	PRO	pronominal
HON	honorific (impersonal)	PROG	progressive
ICP	instrumental- comitative-perlative	PROX	proximal
ID	identificational (copula -Vt)	PST	past
IDEO	ideophone	PURP	purposive converb
IMP	imperative	Q	question
		RED	reduplication
		REL	relative

SBJ ₁	first subject index	SS	same subject
SEQ	sequential	STD	standard (negator)
SG	singular	VOC	vocative
SGV	singulative	VV	vowel lengthening
SIMV	similative, manner nominalizer		

References

- Alamu Banta & Alamaayyo G/ Tsiyoon. 2017. *Hambarrichcho yaanata: Kambaatissa-Amaarsa hayyo'ooma yannaakkata* [Spices of Mount Hambarrichcho: Kambaata-Amharic proverbs]. Addis Ababa: Addis Ababa University.
- Alemu Banta Atara. 2016. *Kookaata: Kambaatissa-Amaarsa-Ingiliizissa laaga doonnuta* [Kambaata-Amharic-English dictionary]. Addis Ababa: Berhanena Selam Printing.
- Alamu Banta Ataara. 2022. *Daambiliqa: Kambaatissa finka* [Intellectual advancement: Kambaata metaphors]. Duuraame: [n.p.]
- Banti, Giorgio. 2010. Remarks on the typology of converbs and their functional equivalents in East Cushitic. *Frankfurter Afrikanistische Blätter* 19. 31–80.
- Borelli, Jules. 1890. *Éthiopie méridionale. Journal de mon voyage aux pays Amhara, Oromo et Sidama (septembre 1885 à novembre 1888)*. Paris: Quantin.
- de Saint-Exupéry, Antoine. 2018. *Qakkichchu laaha* [The little prince]. Trans. by Deginet Wotango Doyiso & Yvonne Treis. Neckarsteinach: Tintenfaß.
- Federal Democratic Republic of Ethiopia Census Commission. 2010. *The 2007 population and housing census of Ethiopia*. Vol. 5: *Results for country level, statistical report*. Addis Ababa: Central Statistical Agency. https://www.statsethiopia.gov.et/wp-content/uploads/2019/06/National_Statistical.pdf (18 August, 2022).
- Haspelmath, Martin. 1997. *Indefinite pronouns* (Oxford Studies in Typology and Linguistic Theory). Oxford: Oxford University Press. DOI: 10.1093/oso/9780198235606.001.0001.
- Kambaata Education Bureau (ed.). 1989 E.C. *Kambaatissata: Rosaanchi maxaafa* [Kambaata language: School book]. Grade 1-8. Hawassa: Southern Nations, Nationalities, and Peoples' Regional State.
- Korhonen, Elsa, Mirja Saksa & Ronald J. Sim. 1986. A dialect study of Kambaata–Hadiyya. *Afrikanistische Arbeitspapiere* 5. 5–41, 6. 71–122.
- Leslau, Wolf. 1952. Notes on Kambatta of southern Ethiopia. *Africa* 22. 348–359. DOI: 10.2307/1156918.

- Maatewoos Shagana. 1992. *Kambaatissa xifati seerrata* [Kambaata spelling rules]. Liiranso Wotango & Tiitoos Hegana (eds.). Duuraame: Educational Department of the Kambaata-Alaaba-Xambaaro Zone.
- Miestamo, Matti. 2013. Symmetric and asymmetric standard negation. In Matthew S. Dryer & Martin Haspelmath (eds.), *WALS Online*. Leipzig: Max Planck Institute for Evolutionary Anthropology. <https://wals.info/chapter/113>.
- Miestamo, Matti. 2025. Questionnaire for describing the negation system of a language. In Matti Miestamo & Ljuba Veselinova (eds.), *Negation in the world's languages I: Africa*, 21–36. Berlin: Language Science Press. DOI: 10.5281/zenodo.17788121.
- Sasse, Hans-Jürgen. 1982. *An etymological dictionary of Burji*. Hamburg: Helmut Buske.
- The Bible Society of Ethiopia. 2023. *Xummaanchu matsaafa* [The Bible in Kambaata]. Addis Ababa: The Bible Society of Ethiopia.
- Treis, Yvonne. 2008. *A grammar of Kambaata*. Part 1: *Phonology, morphology, and non-verbal predication*. Cologne: Rüdiger Köppe.
- Treis, Yvonne. 2010. Purpose-encoding strategies in Kambaata. *Afrika und Übersee* 91. 1–38.
- Treis, Yvonne. 2012a. Categorical hybrids in Kambaata. *Journal of African Languages and Linguistics* 33(2). 215–254. DOI: 10.1515/jall-2012-0009.
- Treis, Yvonne. 2012b. Negation in Highland East Cushitic. In Ghil'ad Zuckermann (ed.), *Burning issues in Afro-Asiatic linguistics*, 20–61. Newcastle-on-Tyne: Cambridge Scholars Publishing.
- Treis, Yvonne. 2012c. Switch-reference and Omotic-Cushitic language contact in Southwest Ethiopia. *Journal of Language Contact* 5. 80–116. DOI: 10.1163/187740912X624469.
- Treis, Yvonne. 2015. The additive -V in Kambaata. Paper presented at 48th Annual Meeting of the Societas Linguistica Europaea, Workshop *Additives across languages*, 2–5 September 2015, Leiden. <https://hal.archives-ouvertes.fr/hal-01505627>.
- Treis, Yvonne. 2017. Similitative morphemes as purpose clause markers in Ethiopia and beyond. In Yvonne Treis & Martine Vanhove (eds.), *Similitative and equative constructions: A cross-linguistic perspective*, 91–142. Amsterdam: John Benjamins. DOI: 10.1075/tsl.117.05tre.
- Treis, Yvonne. 2019. Similitative and equative demonstratives in Kambaata. *Faits de Langues* 51(1). 175–201. DOI: 10.1163/19589514-05001013.
- Treis, Yvonne. 2021. The expression of phasal polarity in Kambaata (Cushitic). In Raija Kramer (ed.), *The expression of phasal polarity in African languages*, 311–334. Berlin: De Gruyter Mouton. DOI: 10.1515/9783110646290-014.

Treis, Yvonne. Forthcoming. The apprehensive in Kambaata (Cushitic): Form, meaning and origin. In Martina Faller, Marine Vuillermet & Eva Schultze-Berndt (eds.), *Apprehensional constructions in a cross-linguistic perspective*. Berlin: Language Science Press.

