Functioning of the Verb *tăjti* in Kazym and Shuryshkar Dialects of Khanty

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Abstract—The article presents an overview of the functioning of the verb tăjti 'have' used to encode possessive relations in Kazym and Shuryshkar dialects of the Khanty language. The analysis encompasses data obtained from a text corpus of 41 texts (3275 sentences) in Kazym dialect and a corpus of 26 texts (1865 sentences) in Shuryshkar dialect. In its major function as a means of encoding predicative possession in both dialects the verb tăjti 'have' is used to express the main conceptual features of possession (permanent, abstract, physical, alienable, inalienable, inanimate). Besides, this verb forms combinations with other parts of speech (e.g. nouns, converbs) to help convey other semantics. As a part of such word combinations, the verb can be used in the forms of both the subjective and objective conjugation and passive voice.

Index Terms—Khanty language, Shuryshkar dialect, Kazym dialect, predicative possession, have-verb.

I. INTRODUCTION

Kazym and Shurashkar are northern dialects of the Khanty language that are distributed in the coastal areas of downstream of the river Ob and in the basins of its major tributaries: Poluj, Sob, Synya, Kunovat, Kazym, etc. [1]. The northern Khany settle in north-west Siberia in the Khanty-Mansi and Yamal-Nenets Autonomous Districts (the Tyumen region of the Russian Federation).

Khanty is one of the Finno-Ugric languages. Together with the Mansi and Hungarian languages, it forms the Ugric language group and together with the Mansi language – the Ob-Ugric subgroup. Nowadays nearly all the Khanty are bilingual and tend to abandon their ethnic language in favour of the Russian language that gives access to greater social mobility and economic opportunities.

Due to the vast area and sparse population, Khanty divides into numerous dialects. Currently, two main dialect clusters are distinguished: the western and the eastern dialects. A few Eastern dialects (e.g. dialect of Vasyugan Khanty) are highly endangered. Dialects belonging to the western cluster have previously been distinguished as southern and northern ones [2] and are at present used unequally. The dialects formerly classified as southern ones (e.g. Priirtysh dialect) have entirely been assimilated with only Kyshikovsk variant left [3]. The northern group comprises Priural (Obdorsk), Kazym and Shuryshkar dialects, each spoken by the Khanty residing in some distant northern villages. Tegi, the language of the settlement Tegi, is considered as a transitional dialect

between Kazym and Shuryshkar [4] or as a variant of the Kazym dialect [3]. Two northern Khanty dialects – Kazym and Shuryshkar – are examined in the present study with the purpose to describe functional and semantic peculiarities of the verb *tăjti* 'have', which has never been the focus in previous studies.

In the present study, functions of the verb *tājti* 'have' in Kazym and Shuryshkar dialects are analyzed from the perspective of the functional and typological approach. The methodology is based on the works by L. Stassen [5], B. Heine [6], H. Seiler [7] and others.

Language data in the Kazym dialect are obtained from various sources: 33 texts are from the text corpus of Western Khanty dialects edited by E. V. Kashkin (2012–2014), electronic publication is available at https://osf.io/uraqx/files/; four texts are from the text corpus "Ob-Ugric languages: conceptual structures, lexicon, constructions, categories" edited by E. Skribnik (2009–2012), available at http://www.babel.gwi.uni-muenchen.de/index.php?abfrage= KK_corpus&subnavi=corpus_pub; four text samples are from the edition "Kazym dialect of Khanty" by A. D. Kaksin [1]. In addition to that, some elicitations were obtained from I. M. Moldanova, a native speaker of the Kazym dialect. All in all, 3275 sentences from 41 texts in Kazym are examined.

The primary sources of the Shuryshkar data are twelve texts obtained from the edition "Expedition materials on the languages of the peoples of Siberia (1995–2012)" [8], eleven text samples were found in the "Ostyak Grammar and Chrestomathy" by W. Steinitz [9] and three fairy-tales were chosen from the corpus of West Khanty dialects edited by E.V. Kashkin (2012–2014). The volume of the examined corpus in Shuryshkar amounts to 1865 sentences (26 texts).

In section 2 of the present article, primary function of the verb $t\check{a}jti$ 'have' will be described. An analysis of other functional and semantic characteristics of the verb $t\check{a}jti$ 'have' in the two Khanty dialects will be presented in Section 3. All examples will be given following the pattern: line (a) – a source dialect name. The text title is in brackets followed by the number of the sentence in the text; line (b) – a text example in the orthography accepted in the corresponding corpus; line (c) – glossing of the example using the Leipzig Glossing Rules; line (d) – translation of the example into English. Examples are numbered from one (1) onwards throughout the article. For morpheme boundaries we follow glossing traditions of other authors.

II. PRIMARY FUNCTION OF THE VERB TĂJTI 'HAVE'

As it is observed in other Khanty dialects, the verb *tăjti* 'have' functions as a major means to encode possessive

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relations in both the Kazym and Shuryshkar dialects [10]. To this end, the verb is used in a predicative construction known as the transitive one. Schematically, this construction can be represented as:

Modal 1. Predicative possessive construction

(Possessor) – Possessed – tăi-S.PM

The conspicuous feature of the transitive construction is the presence of the semi-transitive have-verb [5]. While expressing the possessive meaning, the verb *tăjti* 'have' functions as a bivalent verb, its subject is the possessor and its direct object is the possessed. As an element of the possessive predicative construction, the verb *tăjti* 'have' may be marked only by the suffixes of the subjective conjugation. The possessee never takes the possessive suffixes in this construction. The examples illustrating the use of the predicative possessive construction with the verb *tăjti* 'have' in the Kazym and Shuryshkar dialects are:

1. Kazym (Khujtunkistan 7)

in **ike-n** əhŋəldak jaŋ **laraś** this **man-POSS.2SG** also ten **chest tăj-əl.**

have-NPST.3SG.S

This man has also ten chests.

2. Shuryshkar (Mouse 183)

ma in ar lūxəs tăj-l-em.

1SG now many friend have-NPST-1SG.S

I have many friends now.

3. Kazym (Fieldwork 2018)

Амп-эн ьал кур тай-эл. dog-POSS.2SG four leg have-NPST.3SG.S A dog has four legs.

4. Shuryshkar (The tale of the she-bear 17) läŋkər-əl-n pa xir tăj-əl. shoulder-POSS.3SG-LOC but sack have-NPST.3SG.S (He) has a sack on the shoulder.

5. Kazym (Eagle 208)

mołti **piś** ki ănt **tăj-l-ən** tăta śi any **cunning** if NEG **have-NPST-2SG** here FOC joxət-l-a-j-mən.

come-NPST-PAS-1DU.S

If **you** do not **have** any **cunning**, he will catch up with us now.

It should be noted that the possessor in this construction can denote both an animate (as in examples 1–5) and inanimate object (example 6–7).

6. Kazym (River Earth Man and Ob Earth Man 96)

śi xoras-əp won nəxr-ətthis appearance-ADJ big pine.nut-PLtăj-əł.

have-NPST.3SG.S

It (cedar) has such big pine-nuts.

7. Tegi (Winged creature 17)

śăta **jekər lət** mŏj **ńuorəm lət** there lowlnd place what swamp place **tăj-əs**

have-PST.3SG.S

There was a lowland, a swamp.

The possessee, in its turn, can be either animate (2) or

inanimate (1), abstract (5) or concrete (4).

The predicative possessive construction with the verb *tăjti* may allow a structural variant in which the possessor can be expressed implicitly. See example 4–5, 7 for illustrations.

Thus, it can be concluded that the possessive predicative construction (PR) – PE – $t\check{a}j^{-S,PM}$ is commonly and widely used for coding possession in Kazym and Shuryshkar dialects.

III. FUNCTIONAL AND SEMANTIC VARIANTS OF THE VERB $T \check{a} t t \check{t}$

Along with encoding possession, the verb *tăjti* in both dialects can be involved in conveying other semantics as well. In such cases, according to the obtained data, the verb *tăjti* displays its polysemous nature and may be used in the forms of both subjective and objective conjugation [11]-[13]. The semantics of the verb itself is highly dependent on the word it is combined with and its grammatical behavior.

IV. THE VERB $T\check{A}JTI$ IN THE FORMS OF THE SUBJECTIVE CONJUGATION

Let us now consider examples in which the verb *tăjti* 'have' is used in the forms of the subjective conjugation in both dialects to help convey meanings other than possessive. All in all, examples of this kind encompass 15 % out of all selected samples.

One of the meanings conveyed by the verb *tăjti* is 'to keep, to hold'. The idea of keeping something and holding something or somebody expressed in combination with an object and a localizator indicating the location of the object (see example 8).

8. Kazym (The boy from the side where the sun rises and the girl from the side where the sun sets 43)

toxelt pɛl-a ăŋkərt-əs sawnɛ
thither to-DAT take.a.look-PST.3SG magpie
ńol-əl-ən molti wurti pəxśa-ije
beak-3SG-LOC something red big.thing-DIM
tăj-əl.

have-NPST.3SG.S

He looked there: a magpie holds something red in his beak.

When used in the forms of the subjective conjugation, the verb $t\check{a}jti$ can help express the idea of giving birth to somebody or bringing somebody up. In such cases, the object is expressed by the words denoting relatives or off-springs, e.g. ewi 'daughter', $p\check{o}\chi$ 'son', $\acute{n}awrəm$ 'child', $po\check{s}\partial\chi$ 'cub, nestlings' etc. Examples 9–10 illustrate this idea.

9. Shuryshkar (Beautiful crown-woman 12)

Пошэх-д-антăй-а,нăң уд-а.nestling-Pl-POSS.2SGhave-IMP2SG be-IMPBring up nestlings, live by yourself.

10. Kazym (Eagle 140)

xuw wo-s-ŋən wan wo-s-ŋən long live-PST-3DU short live-PST-3DU.S

pŏχ tăj-s-aŋən.

son have-PST-2DU.S

Whether they long lived or short lived, **they gave birth to a son.**

The dependence of the verb semantics on that of an

adjacent object can be exemplified by the following sentences. In example 11, the verb *tăjti* is followed by an abstract object *ŏš* 'mind', which seems to highlight the meaning of understanding conveyed by the word combination.

11. Kazym (Fieldwork 2018)

nan mŏj isa **ŏš** ăn **tăj-l-ən**?

2SG what always mind NEG have-NPST.2SG.S

You don't understand, do you?

The verb combination with an abstract object $w\varepsilon r$ 'affair' conveys the idea of getting used to doing something (12), with the object *nomos* 'thought' – the idea of thinking (13), with wus 'hole' (14) – being unable to do something.

12. Kazym (My dog 7)

łuw porśant-ti wer tăj-əł.

3SG bite-IPFV.PTCP matter have-NPST.3SG.S

It gets used to biting.

13. Shuryshkar (The tale of the priest and of his workman Balda 41)

sek-ti oli-moli **noməs tăj-əl**.

beat-IPFV.PTCP fool **thought have-NPST.3SG.S**

He thinks that Balda will beat him.

14. Kazym (A woman with children left in an empty camping-ground 85)

in ńawrem-ət, want-tɨ, ăn

now child-PL look-IMP.2PL NEG

nom-ti ńawrem-ət moj potərt-ti

remember-IPFV.PART **child-PL** whatsay-IPFV.PART **wus tăj-l-ət**.

hole иметь-NPST-3PL.S

And children in fact, you see, at the age of nothing remembering children and **cannot speak**.

When the verb $t\check{a}jti$ combines with the object $w\varepsilon r$ 'affair' and the postpositive element $\chi osa \delta a$ 'by, at' or $k\varepsilon \delta \delta a$ 'for', its semantics is close to 'deal with somebody' (see example 15).

15. Kazym (Resourceful servant 8)

ma łuw keš-eł-a i **wer tăj-l-əm**.

1SG 3SG for-3SG-DAT one affair have-NPST-1SG.S

I have to **deal with him**.

The verb *tăjti* marked by the subjective suffixes can participate in conveying the meaning of managing something (see example 16).

16. Kazym (Khujtunkistan 73)

śərəskiməl-a joxt-əs i xǫ

sea edge-DAT come-PST.3SG one person

et-əs xoləm piti xəptərka

go.out-PST.3SG three black female.deer

tăj-əl.

have-NPST.3SG.S

He came to the sea and saw: someone is riding, **running** by three black female deer.

In summation, the examples presented in this section point to the fact that the verb *tăjti* 'have' can form a sort of analytical combination with various nouns, like 'to have a swim / smoke / chat' in English, to verbalize different semantics.

V. THE VERB TĂJTI IN THE FORMS OF THE OBJECTIVE CONJUGATION OR PASSIVE VOICE

The verb tăjti may be marked by the suffixes of the

objective conjugation or passive voice. In the examined corpus of texts, the number of examples of this type is around 20 %. It should be noted that the verb *tăjti* in the forms of the objective conjugation or passive voice can occur as an independent element or in combination with the converb form of another notional verb.

First, let us consider sentences with the notional verb *tăjti* used independently. In such examples, it tends to combine with an animate or inanimate object to express the meaning of keeping or preserving something or treating somebody (see example 17–18). The indication of the localization of the object is obligatory. Examples 17, 19 illustrate the verb *tăjti* in the forms of the objective conjugation, example 18 – in the form of the passive voice.

17. Shuryshkar (Nephew of a woman 8)

χutəm χătļ jŏtən **tăj-s-ətə**, χut-mit

three day at.home keep-PST-S.SG:O.SG three-ORD

ătļ-na śuk-ə tăχi-ja

day-LOC grief-ADJ place-LAT

tu-s-te.

bright-NPST-S.3SG:O.SG

She **kept him** at home for three days, on the third day she carried him to the cemetery.

18. Kazym (About deer 5)

ma kǫśa-j-εm-n atm-a

1SG owner-EP-1SG-LOC bad-ADV

tăj-l-a-j-əm.

have-NPST-PAS-EP-1SG

The owner treats (keeps) me badly.

Combining with an inanimate object, the verb helps convey the meaning of being situated somewhere (example 19).

19. Kazym (River Earth Man and Ob Earth Man 46)

in noxes soxel luw tăj-l-elle met this sable skin 3SG have-NPST-S.3SG:SG right

łuw ołam-s-ałłe. 3SG steal-PST-S.3SG:O.SG

This sable **skin is located at him**, he stole it.

In the meaning 'to take somebody for somebody or something' the verb *tăjti* combines with the object marked by the dative suffix (example 20).

20. Tegi (Son of Czarevitch 46)

pa jastə-l-ət ne ki

and say-NPST-3PL.S woman if apśi-j-a tăj-l-əw

younger.sister-EP-DAT have-NPST-S.1PL:O.SG.

xuo ki pa apśi-j-a

man if ADD younger.brother-EP-DAT

tăj-ł-ew.

have-NPST-S.1PL:O.SG.

If you are a woman, say, we'll **take** you **for a younger** sister, if you're a man, we'll **take** you **for a younger brother**.

In the form of the objective conjugation or passive voice the verb $t \breve{a} j t i$ can combine with the objects denoting clothes or shoes and convey the idea of wearing something (examples 21-22).

21. Kazym (Three wise words)

mŏj wɛr-tɨ lop-əs

what do-IPFV.PART say-PST.3SG.S

kọśa-j-əł tọp năŋ səpek-ŋəl-an

owner-EP-POSS.3SG just 2SG boot-DU-POSS.2SG sora tăj-s-alən. quickly have-PST-S.2SG:O.DU/PL

What to do, the owner said, you boots quickly wore out.

22. Kazym (Three wise words 14)

noməs-əl ja səpek möj xuw tăj-l-a. think-NPST PRTC **boot** what long **have NPST-PAS** He thinks if it is long to have **boots worn out**.

Secondly, let us turn to the sentences in which the verb *tăjti* forms an analytical construction with the converb. The verb *tăjti* in the forms of the objective conjugation or passive voice can be used as a part of the analytical construction in combination with a converb marked by the suffix *-man*. The construction can be schematically presented by the following model:

Model 2. Analytical construction with the verb tăjti

V-man^{CNV} – tăj-^{S.O./PAS.PM}

The semantics of the construction depends on the non-finite form of the verb marked by the converb suffix. Non-finite forms of the verb are known to have no morphological category of the voice in analyzed dialects [13]. But in the construction with the verb *tăjti* the converb form expresses a passive meaning while the verb *tăjti* conveys the idea of keeping. Examples below (23–25), elicited from the text corpus, illustrate the use of the analytical construction with the verb *tăjti* marked by the suffixes of the objective conjugation (23–24) and passive voice (25).

23. Kazym (The youngest daughter of the sun 56) săm-əł jăx-t-ał-ən joxi heart-POSS.3SG go.away-EVID.NPST-3SG-LOC at.home **xāj-man tāj-l-əlle.**

leave-CNV have-NPST-S.3SG:O.SG

When he went, he **left his** (he kept his heart left) heart at home.

24. Shuryshkar (How did the surnames appear? 48)

«Йант-ман тай-а-лэн», ун play-CNV have-IMP-S.DU/PL:O.SG old хуй-эд йас-т-эд. man-POSS.3SG speech-VRBL-NPST.3SG.S

"Have fun him (keep him played)", the older man says.

25. Shuryshkar (The tale of the fisherman and the fish 153)

pojar-ət-n pa taś-əŋ jox-ən boyar-PL-LOC and wealth-ADJ people-LOC

kerət-man tăj-l-a.

go.round-CNV have-NPST-PAS.3SG

She is surrounded by boyars and rich people.

Examples 26–30 included in the analysis are field recordings of the speech in the Kazym dialect elicited as a result of questioning of the native speaker. They all illustrate the dependent use of the verb $t\check{a}jti$ in the analytical construction.

26. Kazym (Fieldwork 2018)

Щи мойлэпс-єм **шави-ман** this present-POSS.1SG **keep-CNV**

тай-л-єм.

have-NPST-S.1SG:O.SG

I preserved my gift (keep my gift preserved).

27. Kazym (Fieldwork 2018)

Щи авкайєм иса **вантыйл-ман** щи this hand deer **look-CNV** this **тай-л-єм.**

have-NPST-S.1SG:O.SG

I watch over this hand-deer (I keep this hand-deer watched over).

28. Kazym

Кўр йувэр-ты сухнэлам така **йувэрт-ман** legs tie-IPFV.PTCP fabric tight **wrap-CNV тăй-л-э-лам**. (Fieldwork 2018)

have-NPST-EP-S.1SG:O.PL

I always **wear** footcloths (I keep legs wrapped).

29. Kazym (Fieldwork 2018)

Нăн вонт-ән йäңх-ты мäр-эн-ән 2SG forest-LOC go-IPFV.РТСР time-POSS.2SG-LOC

хот-эн **вант-ман тай-**л- ϵ м.

house-POSS.2SG look-CNV have-NPST-S.1SG:O.SG

While you're walking in the woods, I'm holding your house (I keep your house guarded).

30. Kazym (Fieldwork 2018)

Нăн пурмэс-л-анлупас-әншави-ман2SG thing-PL-POSS.2SGstorage-LOCkeep-CNVтăй-л-э-ллам.

have-NPST-EP-S.1SG:O.PL

I **store** your things in the storage.

Thus, it can be inferred that the verb *tăjti* can be used in the forms of both subjective and objective conjugation, and combine with nouns and other notional verbs in the converb form to encode a wider range of meanings as compared to its key possessive semantics.

VI. CONCLUSION

In Kazym and Shuryshkar dialects of the Khanty language the verb *tăjti* 'have' can be used in the forms of the subjective and objective conjugation and passive depending on the intended semantics. In the forms of the subjective conjugation the verb primarily encodes possessive relations or forms an analytical combination with nouns in the function of the object to convey a more concrete meaning of holding, keeping, thinking etc. In such combinations the meaning of the verb is affected by the semantics of the object-noun.

In the forms of the objective conjugation and passive voice the verb is used to convey a wider range of meanings due to the fact that it combines with another notional verb in the converb form. It is the semantics of the other verb in the combination that is conveyed while the verb *tăjti* functions as an auxiliary element.

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ABBREVIATIONS

ADJ – adjectivizer, ADV – adverbilizer, CNV– converb, DAT – dative, DIM – diminutive, DU – dual, FOC – focus, EP – epenthetic vowel, IMP – imperative, LAT – lative, LOC – locative, NEG – negative, NPST – non-past tense, O –

objective conjugation, ORD – ordinals, PAS – passive, PM – personal markers, PL – plural, IPFV.PTCP – present participle, PRTC – particle, PST – past tense, POSS – possessive suffix, SG – singular, S – subjective conjugation, VRBL – verbalizer.

REFERENCES

- A. D. Kaksin, Kazym Dialect of Khanty Language, Khanty-Mansiysk, 2007
- [2] W. Steinitz, Ostjakische Volksdichtung und Erzählungen aus Zwei Dialekten, Tartu, 1939.
- [3] V. N. Solovar, G. L. Nakhracheva, and A. A. Shiyanova, *Dialects oh Khanty*, Khanty-Mansiysk, 2016.
- [4] I. A. Nikolaeva, *Ostyak*, München, Newcastle: Lincom Europa, 1999.
- [5] L. Stassen, *Predicative Possession*, New York, Oxford University Press, 2009.
- [6] B. Heine, Cognitive Sources, Forces and Grammaticalization. Cambridge Studies in Linguistics, Cambridge, 1997.
- [7] H. Seiler, Possession as an Operational Dimension of Language, Tübingen, 1983.
- [8] N. B. Koshkaryova, E. V. Kovgan, F. G, Tarasova, A. A. Shiyanova, and J. G. Miljahova, "Text samples in Shuryshkar dialect of Khanty," in *Expedition Materials on the Languages of the Peoples of Siberia* (1995-201222.), N. N. Shirobokova, ed., Novosibirsk, 2012, pp. 261-291.
- [9] W. Steinitz, Ostjakische Grammatik und Chrestomathie, Leipzig, 1950.
- [10] V. Vorobeva and I. Novitskaya, (March 2018). "The domain of predicative possession in Kazym and Tegi," in *Proc. 5th International Multidisciplinary Scientific Conference on Social Sciences and Arts SGEM* 2018. [Online]. 5(3). pp 469-476. Available: https://sgemworld.at/ssgemlib/spip.php?article5572&lang=en
- [11] V. N. Solovar, Paradigm of the Simple Sentence in the Khanty Language (Kazym Dialect), Yoshkar-Ola, 2009.
- [12] V. N. Solovar, The Khanty-Russian Dictionary, St. Petersburg, 2006.
- [13] S. I. Valgamova, N. B. Koshkaryova, S. V. Onina, and A. A. Shijanova, Dialectological Dictionary of Khanty Language (Shuryshkar and Obdorsk Dialects, N. B. Koshkaryova, ed., Ekaterinburg, 2011.



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