

EVIDENCE OF TELICITY MARKING BY NONMANUALS IN HZJ

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1) INTRODUCTION

1.1. Telicity

- Identified semantically as "having an end-State". Telic verbs describe an event with an end-State different from the beginning state. Atelic events lack an endpoint.
- In American SL (ASL) and Austrian SL (ÖGS), telic verbs have been identified phonologically as "being end marked", showing the end-State in their form, whereas atelic predicates do not.
- · Telic verb signs display a change in space, abrupt stop or contact with a part of the body.
- Atelic verb signs do not show these or other marks of telicity because they have homogenous structure (no end-State).

1.2. Nonmanuals

- an end-State, the mouth is also end marked. Since atelic verbs lack an end-State, there is no mouth end
- Schalber (2004) observed two types of adverbial mouth gestures in ÖGS: continuous (also 'posture' nonmanuals/P-NMs) discontinuous (also 'transition' nonmanuals/T-NMs)
- Discontinuous NMs are end-marked.
- · These two types of mouth gestures correlate with the event structure of predicates:
- Atelic verb signs co-occur with continuous mouth gestures, whereas
- Telic verb signs co-occur with both continuous and discontinuous mouth gestures.

In ASL, if the verb sign is end marked because it has Chu, Lee and Yu (2006) for Hong Kong SL (HKSL)

- identified imperfective viewpoint marker "ho" - a pulmonic egressive airstream passing through a constriction formed with pursed lips.
- · "ho" is obligatory in certain classifier constructions - it requires the imperfective viewpoint on the event.
- identified "puff cheek", which when added onto certain verb constructions consisting of posture verbs (STAND, SIT, LIE) or placement verbs (PUT, HANG), results in derived situations that are [+stative] and [+durative].

3.2. Nonmanual marking of telic events

2) METHODOLOGY

Participants

9 native Deaf HZJ signers (age > 18, 5 female, 4 male), who signed consent forms, were filmed in Zagreb. Croatia while interacting with a native signer.

· brief video clips of animals and people engaging in various activities (5 video clips):







• five pairs of pictures showing activities which are ongoing (4) and which have ended (5):





- target HZJ verbs in sentences (25 short signing narratives, asking several questions about the verbs in them):
- (6) My brother always CARRIES home wine from his travels. He travels at least two times a year. Last year he BROUGHT back seven bottles.
- (7) Ema likes to TRAVEL. Yesterday she TRAVELED AWAY to visit her sister in France.
- isolated target verb in pairs for grammatical judgments (250 pairs):
- (8) ČITATI PROČITATI (read read completely) PUTOVATI - OTPUTOVATI (travel - travel to) POKAZIVATI - POKAZATI (show (again and again) - show)

Research questions

- · How is telicity marked in HZJ?
- · Is telicity shown by nonmanuals with verb signs in HZJ?
- Do nonmanuals for telic and atelic verbs differ in HZJ? If they do, is it systematic?
- · Which nonmanuals correspond to telic and which to atelic verbs?

3) RESULTS

3.1. Nonmanual marking of atelic events



DIZATI-UŽETOM ...lift it up with a rope...

Verbs that occured with this NM: PLOVITI (sail), POKAZIVATI (show), PADATI (fall). PISATI (write)



puffed cheeks

razina-vode-RASTI ..the water is rising.



REZATI ..cutting.



..explain (all the time/a lot of times)..

Verbs that occured with this NM: POSTAVLJATI-NEŠTO (build something in)

Verbs that occured with this NM:

Verbs that occured with this NM:

OBLAČITI-SE (aettina dressed).

DOPLACIVATI (pay extra money),

ODNOSITI (take away),

PRIZNAVATI (allow)

ČEKATI (wait).

MISLITI (think)

PLANIRATI (plan).

PROMATRATI (observe),



ODUSTATI .give up (once)..

mouth closed \rightarrow open

dropped his teeth ...

 $[open \rightarrow closed]$ ZALITI

.water (just one flower)...

ZUBI - ISPASTI

Verbs that occured with this NM: SASTATI-SE (meet). ODUZETI (take away), POBIJEDITI (win). POKLOPITI (cover with a lid)

Verbs that occured with this NM:

Verbs that occured with this NM:

PREREZATI (cut in two pieces).

SKRENUTI (make a turn),

POJAVITI-SE (appear),

SPAZITI (notice),

PASTI (fall),

BACITI (throw)

UPASTI (fall in).

PRIHVATITI (accept)

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4) CONCLUSION

- Telicity is marked in HZJ manually and nonmanually.
- · Telicity in HZJ is visible by nonmanuals (mouth shapes), which differ for telic and atelic verbs, and it happens systematically
- NMs occurring with telic verb signs are [closed→open], [open→closed], [puff], and those occurring with atelic verb signs are [ph], [puffed cheeks], [mm], [jaw dropped].

Further research questions/aims:

- Do any verbs require a particular mouth?
- Do classifier constructions occur with particular mouth NMs?
- What is the relationship between types of reduplication (continuous. repeated/iterative) and mouth NMs? Is it a question of one large event with mini-events inside it – atelic marking with continuous (P-NMs), or it is viewed as a string of events and each event has its own mouth NM (T-NMs)?



OBJAŠNJAVATI

Acknowledgements

This study is supported in part by NSF grant (BCS-0345314), R. B. Wilbur, Pl. Croatian Ministry of Science, Education and Sports (2301).

We are grateful to the Deaf HZJ signers who participated in this study and willingly shared their insights with us.