# **Péter Szűcs** • University of Debrecen • szucspeter.uni@gmail.com **Complement clauses without the COMP functions:** a view from Hungarian

# **LFG18**

**University of Vienna** 

## The (X)COMP debate

#### Do we need COMP? a)

- Dalrymple & Lødrup 2000: yes, CPs may be COMPs or OBJs.
- Alsina et al. (2005): no, CPs may be OBJs or OBL<sub>o</sub>s (or OBJ<sub>o</sub>s?).
- See also: Forst (2006) no, Lødrup (2012) yes, Patejuk & Przepiórkowski (2016) – no, Belyaev et al. (2017) – yes.

### KEY POINTS

- There is a debate in LFG about the necessity of the COMP and XCOMP functions: as far as Hungarian is concerned, they are not needed.
- Both finite and nonfinite complement clauses are amenable to analyses in terms of other GFs.
- The analysis of complement GFs is framed in Falk's (2005) approach but it is possible that a more stripped-down inventory of GFs is preferable in the long run.

#### Do we need XCOMP? b)

- Alsina et al. (2005): no, XCOMP is just a special, functionally controlled COMP.
  - A new theory of LMT and functional control is needed (see e.g. Alsina (2008)).
- Falk (2005): yes and also other open complements to model GF-category correlations:
  - $\circ$  CP, S, IP  $\rightarrow$  COMP; InfP  $\rightarrow$  XCOMP (InfP  $\equiv$  VP, IP, CP – depending on the analysis); NP, DP  $\rightarrow$  SUBJ, OBJ;  $PP \rightarrow OBL$
  - It is possible for a language not to have +*c* functions, e.g. Norwegian.
  - The +*c* row is problematic (why only +*r*?, why unspecified for *o*?).

My goal here is not to decide the (X)COMP debate, but to add a Hungarian perspective to it. The claim is that Hungarian is also like Norwegian, a language without +c functions. Whether the -s functions are needed in the long run is another question.

## Hungarian complement clauses – equi and without control

Complementation possibilities:

d) infinitive  $\rightarrow$  all of these may be analyzed as having uniform GFs a) Lexical noun b) pronoun\* c) that(c)-clause\*

- <u>Az igazság</u> kellemetlen volt Katinak. (1) a.
  - the truth unpleasant was Kati.DAT

'The truth was unpleasant for Kate.'

**SUBJ** b-c. (<u>Az</u>) kellemetlen volt Katinak, <u>hogy</u> bevallotta az igazságot. that.NOM unpleasant was Kate.DAT that(c) admitted the truth.ACC 'It was unpleasant for Kate that she admitted truth.'

kellemetlen volt Katinak bevalla-ni d. az igazságot. admit-INF unnleasant was the truth Kato DAT

		- <b>r</b>	+ <i>r</i>	
		<b>+</b> S		<b>-</b> S
-C	-0	SUBJ	OBL <sub>O</sub>	XOBL <sub>O</sub>
	+0	OBJ	OBJ <sub>O</sub>	XOBJ <sub>Ə</sub>
+c	+/-0		COMP	XCOMP

GFs in Falk (2005). *r*: restricted, *o*: object-like c: complement, s: saturated

**Obligatory anaphoric control into SUBJ in Hungarian** Rákosi (2006:212)

- It was unpleasant for Kate [for Peter to admit the truth]. (i)
- (ii) \*Kellemetlen volt Katinak [Péternek bevallania igazságot]. αz

unpleasant was Kati.DAT Peter.DAT admit.INF.3SG the truth.ACC Overt pronominal infinitival SUBJs are possible (Szabolcsi (2009)). (iii) Kellemetlen volt Katinak, [csak neki, / \*csak Péternek] hazamennie.

(2) a.	'To admit the truth was unpleasant for Kate.' <i>Kati <u>ételt</u> akar.</i> Kate food.ACC wants 'Kate wants food.'	unpleasant was Kate.DAT only she.DAT only Peter.DAT go.home.INF.3SG 'It was unpleasant for Kate only for her to go home.'
OBJ b-c	. <i>Kati (<u>azt</u>) akarja, <u>hogy együnk</u>.</i> d. <i>Kati <u>en-ni</u> akar.</i> Kate that.ACC wants that(c) eat.SBJV Kate eat-INF wants approx. 'Kate wants (it) that we eat.' 'Kate wants to eat.'	<ul> <li>OBJ vs. OBL<sub>o</sub> infinitivals</li> <li>Szécsényi &amp; Szécsényi (2017), only OBJ triggers (long) definiteness agreement.</li> <li>(i) Kati <u>akar</u> / <u>akarja</u> [<sub>OBJ</sub> olvasni [<sub>OBJ</sub> <u>egy könyvet</u> / <u>a könyvet</u>]]. Kate wants.INDEF/ wants.DEF.3SG read.INF a book.ACC the book.ACC 'Kate wants to read [a book/ the book].'</li> <li>(ii) Kati <u>fél</u> / <u>*féli</u> [<sub>OBL</sub> olvasni [<sub>OBJ</sub> <u>egy könyvet</u> / <u>a könyvet</u>]]. Kate fears.INDEF fears.DEF.3SG read.INF a book.ACC the book.ACC 'Kate fears to read [a book/ the book].'</li> <li>(iii) -ja (from (ii) ((1OBJ)* OBJ DEF)=c +</li> </ul>
(3) a.	<i>Kati fél <u>az igazságtól</u>.</i> Kate fears the truth.from 'Kate fears the truth.'	
OBL <sub>⊖</sub> b-c	. <i>Kati (<u>attól</u>) fél, <u>hogy kiderül az igazság</u>. Kate that.from fears that(c) comes.out the truth. Kate fears that the truth comes out.'</i>	
d.	Kati fél <u>elmonda-ni az igazat</u> . Kate fears tell-INF the truth 'Kate fears to tell the truth.'	similar annotations for other person/number definiteness suffixes otherwise, default indefinite agreement applies
-	•	verb. If there is a pronoun, it is the argument and the clause is an adjunct to it.
	kosi & Laczkó (2005). <b>complements clauses – raising</b>	<b>Technical issues</b> Alsina (2008): the theory of structure-sharing for equi

'Kate seems to be Ann.'  $\rightarrow$  \*referential NP

smart girl-DAT

lány-nak

'Kate seems (like) a smart girl.'  $\rightarrow$  predicative NP

látszik.

seems

LMT

okos

- $PP \rightarrow XOBL_{\Theta}$ InfP  $\rightarrow$  XCOMP AP, NP  $\rightarrow$  XOBJ<sub> $\ominus$ </sub> Correlations in Falk (2005):
- InfP is quite restricted in Hungarian raising and it is never the only option  $\rightarrow$  XCOMP is not needed. (4) \*Kati b. *\*Kati* lánynak látszik. okos lenni látszik. az okos a. girl-dat seems Kate Kate the smart smart be.INF seems

### Alsina (2008): the theory of structure-sharing for equi

- Verbal categories must have a SUBJ  $\rightarrow$  the infinitives in (1-3)
- For structure-sharing (raising), one of the GFs involved must be nonthematic.

• In (1)-(3), the main clause SUBJ is the matic  $\rightarrow$  no structure-sharing

- 'Kate seems to be smart.'  $\rightarrow$  \*InfP
- látszik. okos-nak Kati С. smart-DAT Kate seems
- **XOBJ**<sub>⊖</sub> 'Kate seems nice.'  $\rightarrow$  AP
  - elnökké nyilvánították. Katit d. president.TR declared.3PL Kate.Acc
    - 'They declared Kate president.'  $\rightarrow$  oblique NP
- PPs are also not possible as raising complements  $\rightarrow$  XOBL<sub>e</sub> is not needed.
  - \*Kati magán kívül nyilvánították. magán kívül látszik. b. *\*Katit* (5) a. herself outside declared.3PL herself outside seems John Kate.Acc Intended: 'Kate seems out of her mind.' Intended: 'They declared Kate out of her mind.'

d. *Kati* 

Kate

 $\rightarrow$  Hungarian raising seems to rely on XOBJ<sub>e</sub>

REFERENCES Alsina, Alex. (2008). Raising in a Unified Theory of Structure-sharing in LFG. 
Alsina, A., Mohanan KP. & Mohanan T. (2005). How to get rid of the COMP. • Belyaev, O. (2017). In Defense of COMP: Complementation in Moksha Mordvin. • Dalrymple, M. & Lødrup, H. (2000). The grammatical functions of complement clauses. 🗢 Falk, Y. N. (2005). Open argument functions. 🗢 Forst, M. (2006) COMP in parallel grammar writing. 
Kibort, A. (2007). Extending the applicability of Lexical Mapping Theory. 
Patejuk & Przepiórkowski A. (2016). Reducing grammatical functions in LFG. • Rákosi Gy. (2006). Dative experiencer predicates in Hungarian. • Rákosi Gy. & Laczkó T. (2005). Verbal category and nominal function – Evidence from Hungarian Subject Clauses. Szabolcsi A. (2009). Overt Nominative Subjects in Infinitival Complements in Hungarian. Szécsényi K. & Szécsényi T. (2017). Definiteness Agreement in Hungarian Multiple Infinitival Constructions.

- $\rightarrow$  the infinitival's GF is provided with 'PRED pro'.
- For NP/DP complements in (1)-(3), no embedded SUBJ is needed  $\rightarrow$  unified analysis
- Kibort (2007): fixed valency template, map to least marked GF. -0/-r +0 -r -0
- Having an open complement (-*s*) should be lexically specified.
- *akar* 'want' [-*o*], [-*r*]  $\rightarrow$  <(SUBJ)(OBJ)> (1)(ii) *tűnik* 'seem' [-*o*], [+*o*,-*s*]  $\rightarrow$  (SUBJ) <(XOBJ<sub> $\Theta$ </sub>)> (iii) nyilvánít 'declare'  $[-o], [+o,-s], [-r] \rightarrow <(SUBJ)(XOBJ_{\Theta})>(OBJ)$

What about functionally controlled equi? Do we really need - <i>s</i> functions? Are there - <i>r</i> open functions (XSUBJ, XOBJ)?								
(6)	<i>Kati</i>	<u>kezd</u> /	<u>kezdi</u>	<i>szeretni</i>	<i>egy könyvet/ a könyvet.</i>			
	Kate	begins.INDEF	begins.DEF	like.INF	a book.Acc the book.Acc			