2

...the range of constituents that can be "questioned" is actually quite small and, with one possible exception, is restricted to Noun Phrase and probably to the Determiner constituent of NP.

(Katz & Postal 1964: 98)

(1) Chukchi (Chukotko-Kamchatkan)

 req-ərkən-əm
 igirqej
 gə-nin
 ekək?

 do.what?-PROG-EMPH right.now
 2SG-POSS
 son.ABS

 'What is your son doing right now?'

(http://privatewww.essex.ac.uk/~spena/Chukchee/chapter4.html)

Certain interrogative pro-word types have been considered rare or even nonexistent.

This excludes the possibility of interrogative pro-verbs, as illustrated in (1), and must therefore be rejected.

3

...question words can "ask about" items belonging to major (or open) syntactic categories, but not minor (or closed) ones.

...it is much more economical to split the questions into an interrogative word 'who?' or 'what?' + one of the two verbs with a generic meaning, i.e. 'be' and 'do'

(Hagège 2003)

(Gil 2001)

This will allow for interrogative pro-verbs, but this is not very good either, for it fails to account for the fact that interrogative pro-verbs are a rare phenomenon.

Hagège (2003) advocates a principle of linguistic economy.

This cannot be a full answer either. Why would a two word construction be more economical than a one word construction?

4

5

Aims:

Elucidate further the issue of the rarity/ nonexistence of several types of interrogative pro-words against the background of a more general hypothesis on what constitutes a possible interrogative pro-word

General hypothesis

- a statement on the generality of the presupposition going with constituent questions
- a claim on the relevance of the endocentric vs. exocentric distinction

4

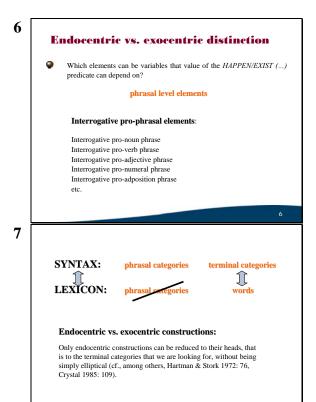
Constituent questions & presupposition

- (2) Who did John see?
- (3) A constituent question is a question that asks for an instantiation of the variable x in an It is known that (possibly) HAPPEN/EXIST

All theories on constituent questions make room for the idea that a constituent question is based on a presupposition with a variable. In (2) the presupposition says that John saw somebody, and the variable is the 'somebody' whose identity the hearer is invited to disclose.

As the example of an interrogative pro-verb illustrated in (1) with Chukchi shows, it is important to allow the predicate of the constituent question as a possible variable. In order to account for this, we propose the definition in (3).

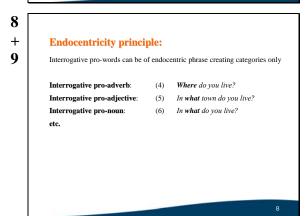
The structure is the presupposition that the situation under interrogation (possibly) exists, existed or will exist. The variable *x* constitutes the focus of the constituent question and of its possible answer, and it is formally expressed by an interrogative pro-word.

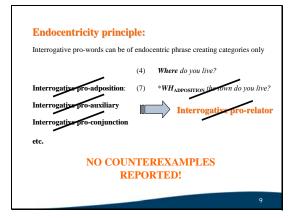


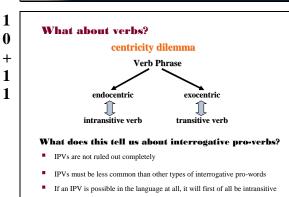
If we want to find out what categories of interrogative prowords can exist in the languages of the world, we should first determine which elements can potentially be variables that value that of the HAPPEN/EXIST (...) predicate can depend on. Clearly, these are first of all phrasal categories

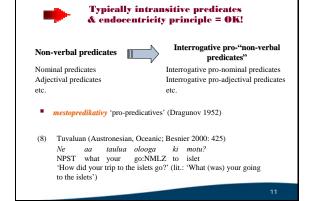
In other words, every phrasal level element can potentially be an argument of the HAPPEN/EXIST (...) predicate. Hence, an interrogative pro-element for any phrase level element can theoretically exist:

However, in the lexicon we are not dealing with phrases, but with words which correspond to terminal categories in syntax. Therefore, in order to find out which interrogative pro-words can exist, a good use can be made here of a distinction between endocentric and exocentric constructions.

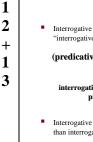








The endocentricity parameter turns out to be somewhat difficult to apply to verb phrases in a straightforward way.



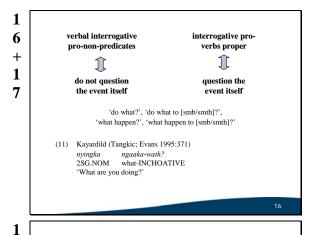
Interrogative pro-"non-verbal predicates" are often called 'interrogative verbs" in grammars (predicative) interrogative pro-predicates interrogative pro-"non-verbal interrogative pro-verbs predicates" Interrogative pro-"non-verbal predicates" are much more frequent than interrogative pro-verbs proper BUT much depends on the analysis!

 Languages where all interrogative pro-words function as predicates ... wh-questions in Salish generally take the form of clefts ... in which -word evidently is not in a complementizerlike position, but rather is the predicate of the higher clause of a biclausal construction. Thompson (Salishan; Kroeber 1999:263) swét k=wik-t-xw who ART=see-TR-2SG.TR.SBJ 'Who did you see?' non-verbal predicative interrogative pro-non-predicates

1 4 predicative interrogative pro-predicates interrogative pro-verbs interrogative pro-"non-verbal 1 predicates" 5 non-verbal predicative verbal interrogative interrogative pro-non-predicates pro-non-predicates predicative interrogative pro-non-predicates

'say what?, say how?' (10) Kolyma Yukaghir (Yukaghir; Maslova 1999:480) qu, monohot-ček wow say.what-Q.2SG 'Wow, what have you said? 'go where?' Aneityum (Austronesian, Oceanic; Lynch 2000:78): hanid? Sie (Austronesian, Oceanic; Crowley 1998:238): ovsoc?

These are interesting in itself but few universally valid predictions can be made on them, except observing their rarity and noting down most common collocations



Does an interrogative pro-verb provide the most uncontradictory solution to the centricity dilemma?

- Due to the endocentricity principle, if an IPV is possible in the language at all, it will first of all be intransitive
- A construal that categorizes as endocentric phrase creating is expanded to stand for exocentric phrases of one and the same category



It categorizes as both endocentric and exocentric phrase creating at the

What could be a better solution?

8

- Use an interrogative pro-word of another category, e.g. 'what?', 'how?' (cf. where? both for AdvP & AdpP)
- Create a VP with it by means of a general non-interrogative verb, like 'do', 'happen'

division of labour

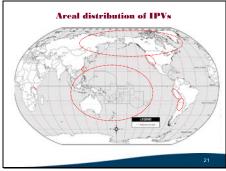
(12) a. - What did he do? + 'what?': b. – He swam/ He killed a bird.

(13) Tohono O'odham (Uto-Aztecan; Madeleine Mathiot, p.c.) + 'how?': s'aa-m ?e-vua? how-2PL are-doing 'What are you doing?

'do' + 'how?' is considerably less common than 'do' + 'what?'. In all probability, this is due to the strong ambiguity between a question on manner and a question on the action itself that 'do' + 'how?' tend to involve.

With 'what?' ambiguity may arise, when the general non-interrogative verb it comes together with is polysemous between 'do' and 'make'.

If a language has both strategies, it is counted as an instance of IPV. Counts have been made on a sample of some 350 languages of more than 70 language families/phyla (according to Ethnologue



2

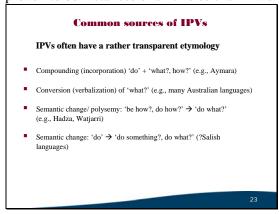
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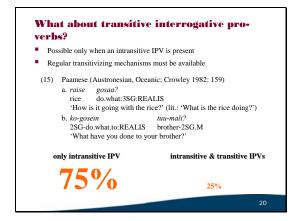
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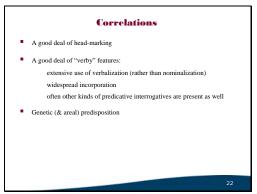
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3

Pacific Rim divided in 3 areas: (1)
Austronesian+Papuan+Australian, (2)
Paleoasiatic+Tungus+Eskimo-Aleut+Salish+a
few other families in North America, (3)
Aymaran&Quechuan families. Plus, probably,
Hadza polysemy between 'do how?'&'do
what?'. Languages in other parts of the world
reported, for instance, by Hagège 2003 have
proven to be instances of smth else than IPVs.







Correlations are rather tentantive.

Australia & Head-marking: Non-Pama-Nyungan vs. Pama-Nyungan

Verbalization – often as conversion!

This seems to confirm the idea that IPVs do not constitute the preferred way of questioning the VP