

2 Multiple *wh*-fronting in Slavic

What happens if you have multiple *wh*-phrases in a question? The English case:

- (2) John will give some book to some friend.
- (3) a. *Which book* will John give ___ to *which friend*?
b. *Which friend* will John give *which book* to ___?
- (4) a. * *Which book which friend* will John give ___ to ___?
b. * *Which friend which book* will John give ___ to ___?

Exactly one *wh*-phrase must be moved to Spec,CP, even if there are multiple *wh*-phrases.

- (5) a. *What* will John give ___ to *who(m)*?
b. * *Who(m)* will John give *what* to ___?

If there are two *wh*-words (not *wh*-phrases), the higher must move. (Recall: This is Superiority, an NP asymmetry.)

In contrast to English, Bulgarian, Serbo-Croatian, Romanian, and Russian are all *multiple wh-fronting* languages. All data here is Bulgarian, mostly from Bošković (2002).

- (6) a. *Koj kakvo e kupil?*
who what PAST bought
'Who bought what?'
- b. * *Koj e kupil kakvo?*
- c. * *Kakvo koj e kupil?*

(6) shows that Bulgarian requires both *wh*-phrases to move to the beginning of the question. (6b) shows that the lower *wh*-phrase cannot be in-situ; (6a) shows that the order of *wh*-phrases must obey Superiority. (7) shows that the same holds for long-distance movement.

- (7) a. *Koj kakvo misli Ivan [če ___ obuslavlja ___]?*
who what thinks Ivan that conditions
'Who does Ivan think conditions what?'
- b. * *Koj misli Ivan če obuslavlja kakvo?*

But something strange happens if the two *wh*-words are identical. Only one *wh*-word moves!¹

- (8) a. * *Kakvo kakvo obuslavlja?*
what what conditions

¹Snejana Iovtcheva (p.c.) tells me that the facts in Bulgarian are more complicated than described in Bošković (2002); in particular, examples such as (8) is grammatical for Snejana and some other Bulgarian speakers. I present judgments reported by Bošković here.

- b. *Kakvo* obuslavlja *kakvo*?
 what conditions what
 ‘What conditions what?’
- (9) a. * *Kakvo kakvo* misli Ivan če obuslavlja?
 what what thinks Ivan that conditions
 Intended: ‘What does Ivan think conditions what?’
- b. *Kakvo* misli Ivan če obuslavlja *kakvo*?
- (10) *Kakvo* postojanno *kakvo* obuslavlja?
 what always what conditions
 ‘What always conditions what?’ (Snejana Iovtcheva, p.c.)

Example (10) shows that multiple *wh*-fronting returns if an adverb can be added to break up the two identical *wh*-words.

Bošković (2002) argues that this data is best explained by the Copy Theory: *wh*-phrases all move, but then their pronunciation (highest or lowest copy) is decided at PF, after everything is built. In general, the highest copies are pronounced (all overt movements) but this is blocked if the result would have two homophonous *wh*-words right next to each other.

References

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