## Ed Zoerner - California State University – Dominguez Hills Gapping of copular be and [Spec, CP]

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Compared to other verbs of English, copular *be* has a rich inflectional paradigm. This creates possible morphological "mismatches" in Gapping constructions. Note that (1), with morphologically identical Gapped verbs, improves on (2):

- (1) a. Kim is a syntactician, and Dana is a phonologist
  - b. You<sub>1</sub> are incredibly inconsiderate, and you<sub>2</sub> are incredibly vain
  - c. I was unhappy, and Terry was distraught
- (2) a. ?The teacher is stern, and the students are frightened
  - b. ?I am a good syntactician, and Kim is a famous phonologist
  - c. ?You were unhappy, and Sandy was distraught

The above contrast strengthens if the form of *be* undergoes I-to-C movement in question formation (apparently, for some speakers, the contrast is not equally strong in all the examples in (4)):

- (3) a. Is Kim a syntactician, and Dana a phonologist?
  - b. Are you<sub>1</sub> really so inconsiderate and you<sub>2</sub> really so vain?
  - c. Was I really so unhappy, and Sandy so distraught?
- (4) a. \*Is the teacher so stern, and the students so frightened?
  - b. \*Am I a good syntactician, and Kim a famous phonologist?
  - c. \*Were you unhappy, and Sandy distraught?

Interestingly, though, (for many speakers) forms such as in (4) improve if a *wh*-phrase occupies the [Spec, CP] of the first clause:

- (5) a. Why is the teacher so stern, and the students so frightened?
  - b. How/In what way am I a good syntactician, and Kim a famous phonologist?
  - c. Where/why were you unhappy, and Sandy distraught?

I-to-C movement of a "mismatched" Gapped copular *be* also proves successful in constructions involving preposed negative adverbials (which we assume occupy [Spec, CP]):

- (6) a. Never is the teacher stern, (n)or the students frightened
  - b. In no way am I a good syntactician, or Kim a famous phonologist
  - c. Very rarely were you unhappy, or Sandy distraught

In addition, presence of a phrase in [Spec, CP] in what Radford 1989 calls "resultative preposing" constructions seems to enable successful I-to-C movement of a mismatched Gapped copular *be*. So the following all sound better than the forms in (4) do:

- (7) a. So stern is the teacher, and so frightened the students, that the principal had to intervene
  - b. Such a good syntactician am I, and so good a phonologist Kim, that we will both be promoted
  - c. So unhappy were you, and so distraught Sandy, that no clown could brighten the day

So we have the following puzzle: a Gapped form of *be* that does not match its non-Gapped counterpart morphologically proves slightly degraded (as in (2)), and matters become worse if the non-Gapped instance of be undergoes I-to-C movement (as in (4)). However, the presence of an element -- apparently any element - in [Spec, CP] ameliorates the problem of such I-to-C movement. Just why a filled [Spec, CP] position should have such an interaction with Gapping constructions merits further investigation.

## References

Neijt, A. (1979) Gapping: A Contribution to Sentence Grammar, Foris, Dordrecht.

Radford, A. (1989) *Transformational Grammar: A First Course*, University of Cambridge Press, Cambridge UK:

Ross, J.R. (1967) Constraints on Variables in Syntax, Ph.D. dissertation, MIT.

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