

Complementizer Allomorphy in Busan Korean

Nutshell: We investigate the phenomenon of complementizer agreement in Busan Korean (BK) interrogatives within the framework of the Distributed Morphology. Unlike Seoul Korean, various interrogative complementizers such as *-ka*, *-ko*, *-na*, and *-no* are observed. The choice of allomorph depends on (i) the categorial feature of the predicate and (ii) the type of question (polar vs. content). Allomorphy based on categorial feature is typologically quite rare, so this study adds important empirical data to the discussion on agreement in generative grammar. Our analysis provides an account of the allomorphy of the interrogative complementizer, including unexpected cases of allomorphy.

Background: BK, a dialect of Korean spoken in the southern tip of the Korean peninsula, has an unusual case of allomorphy on its interrogative complementizers. The complementizer encodes, among other things, whether the predicate is nominal or verbal. We have found only two other cases of allomorphy conditioned by lexical category in the literature before (Rezac, 2004, Wilson, 2014), thus the current study adds a vital typological component to agreement possibilities in the world's languages.

Data: The basic paradigm for complementizer allomorphy in questions is shown in the following data (So, 1984). The complementizers are shown in boldface. Observe that the consonant (hereafter K) varies with respect to the categorial status of the predicate (K_V versus K_N), and that the vowel (V) varies with respect to the kind of question (polarity, VQ vs. content, VWH). We thus propose that the complementizer is actually a sequence of two morphemes, K-V. Note that declaratives have the complementizer *-ta*, which does not exhibit the allomorphy shown below.

- (1)
- | | | | |
|----|--------------------------|------------------------|------------------|
| a. | Ni-ka | pap-ul | mwuk- n-a |
| | you-NOM | rice-ACC | eat- K_V -VQ |
| | 'Are you eating a meal?' | | |
| b. | Ni-ka | mwe-lul | mwuk- n-o |
| | you-NOM | what-ACC | eat- K_V -VWH |
| | 'What are you eating?' | | |
| c. | Ce salam-i | Mincwun-i- k-a | |
| | that man-NOM | Mincwun-COP- K_N -VQ | |
| | 'Is that man Mincwun?' | | |
| d. | Ce salam-i | nwu-Ø- k-o | |
| | that man-NOM | who-COP- K_N -VWH | |
| | 'Who is that man?' | | |

The picture above shows quite neatly that the complementizer can be analyzed as a sequence of two morphemes. Consider the following data, however, where unexpected forms arise. In the first example K_V is found on a copular construction (rather than the expected K_N). In the second example K_N is found on a verbal predicate (rather than the expected K_V).

- (2)
- | | | | |
|----|-------------------------|----------------------------|------------------------------|
| a. | Ce salam-i | Mincwun-i-yess- n-a | (*k-a) |
| | that man-NOM | Mincwun-PST-COP- K_V -VQ | (K_N-VQ) |
| | 'Was the man Mincwun?' | | |
| b. | Ni-ka | pap-ul | mwuk-ul-ke- k-a |
| | you-NOM | rice-ACC | eat-IRR-NMZ-COP- K_N -VQ |
| | 'Will you have a meal?' | | |

In the next section we analyze the basic facts and go on to provide an account for the unexpected cases.

Discussion: The observation above is that the BK interrogative complementizer is a bimorphemic complex. The consonant (hereafter K) encodes interrogative Force and co-varies with the lexical category of the predicate (with the exceptions noted above) and the vowel (hereafter V) co-varies with the type of question: polarity versus content. The puzzling case of allomorphy is that found on the consonant. Given the cyclic nature of vocabulary insertion, higher morphemes should not be morphologically conditioned by morphemes lower on the tree. Thus, when lexical insertion takes place, K should not be able to see the categorial features on the predicate underneath it. This forces that conclusion that an Agree relation holds between K and the categorial feature of the predicate (See Rezac, 2004, for a similar phenomenon in

