A Suspicious Analysis of the Suspective Morpheme and its Homonyms

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Homonymy is a common phenomenon in language and many great writers have adroitly exploited it for various literary effects. It is a source of puns and it can be a great fun for those who can juggle words to have a large number of homophonous words at their finger tips, or on their tongue tips, to be more precise. Funny sentences containing homophonous words may not be entertaining to a linguist who is trying to present a simple and consistent description of these forms. Homonymy of lexical morphemes is less of a problem, for the context and other extra-sentential features often contribute to disambiguate these elements but the homonymy of grammatical forms, such as case markers and verbal endings, without similar clues, can give a linguist fits. To further aggravate the situation, we do not have a clear-cut criterion to depend upon to unequivocally distinguish a case of homonymy from one of polysemy. I will not indulge in theoretical speculations on descriptive procedures to deal with the problem nor on the justification of principles involved in such methodological considerations in this paper. Instead, I will simply employ a heuristic approach utilizing currently available descriptive apparatus regardless of its theoretical persuasion. The aim of this paper is to clarify a confusion in descriptions of certain homophonous items in Korean, thus sharpening our insight into the structure of the language rather than making an attempt to refine the descriptive methodology.

Like many other languages, Korean abounds in homonyms and some of them, one syllable grammatical morphemes, in particular, present truly knotty and frustrating problems to a linguist if he attempts to describe the underlying grammatical system of what appears to be the enormously complex and complicated linguistic behavior of native speakers. I have chosen one item, namely, *ci* for an illustration, and will show kinds of problems

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An earlier version of this paper was presented at the annual meeting of Michigan Linguistic Society held at Michigan State University on October 11, 1974. I would like to thank David G. Lockwood for reading and commenting on the draft of this paper. The conclusion reached in this paper, however, is entirely my own and I am solely responsible for errors.
involved in unravelling an apparently entangled problem of homonymy.

First, consider the following sentences:

(1) a. manwula-ka musep ci anh ci?  
   NM=Nominative Marker  
   wife-NM  scary  Neg  Neg=Negative  
   ‘You are not afraid of your wife, are you?’

b. ku cangkwun-i manwula-lul museweha ci anh nun ci alapo ci.  
   that general-NM  ACC  be afraid of  Neg  Ind  find out
   ACC=Accusative  
   Ind=Indicative  
   ‘(I) will find out if that general is not afraid of his wife.’

c. manwula-lul museweha nun ci-ka elmana toy nun ci malha ci  
   anh kess ci.2  
   will
   ‘(He) wouldn’t say how long he has been afraid of his wife.’

What is interesting to a linguist is not the scary substance of the onerous questions these sentences imply but the multiple occurrences of *ci* in these sentences. I am of course not denying humane compassion on the part of a linguist towards the common frailty of his fellow men but simply insisting that we focus our attention on matters linguistic rather than mundane for descriptive purposes. There are two occurrences of *ci* in sentence (a) and three in sentence (b) and four in sentence (c). The question that suggests itself is this: are these occurrences of *ci* instances of the one and the same morpheme or are there more than one homophonous morphemes in Korean which are realized as *ci*? Before we can answer this question, we will have to determine the meaning of these forms and ascertain their grammatical functions. It is, however, not so simple and easy in this particular case. These forms are grammatical elements and unlike lexical morphemes, their meaning is abstract and elusive. The only thing a linguist can do in such a situation is to assign reasonably definite functional tags such as tense marker, accusative case, and negative particle and so forth. A heuristic procedure for determining the function of a morpheme would be to examine its distribution and cooccurrence possibilities. Now let us go back to sentence (la) and call the first occurrence of *ci* as *ci*1 for discriminatory purposes. See additional examples that contain *ci*1 below.

(2) a. Mary-ka ippu ci nun ani hata  
   pretty  Top  Neg is  Top=Topic Marker  
   ‘It is not the case that Mary is pretty.’

b. John-i Mary-lul salangha ci nun ani hanta  
   love  Top

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2 The transcription employed here is basically that of Yale Romanization system.
'It is not the case that John loves Mary.'

Although many grammarians have noted that $ci_1$ typically occurs in a negative sentence as illustrated by example (2a), (2b), and also (1a), the function of this form has remained a mystery. The fact that $ci_1$ has an apparent defective distribution along with the traditional claim that Korean has two types of negative sentence corresponding to each and every affirmative sentence suddenly became untenable when the true identity of this form was discovered in Song (1967). The unorthodox view that the affirmative correspondents to examples (2a) and (2b), as I hypothesized, are (3a) and (3b) is still controversial in some quarters, but I will assume the correctness of this hypothesis until a better and more convincing alternative is put forward.³

(3) a. Mary-ka ippu ki nun hata
   pretty Nom
   'It is the case that Mary is pretty.'

b. John-i Mary-lul salangha ki nun hanta
   Acc love Nom
   'It is the case that John loves Mary.'

When we compare (3a) with (2a), the striking structural parallelism becomes immediately clear, the sole difference being the presence of the negative particle $ani$ in the negative sentence (2a), and the absence of it in the affirmative sentence (3a). There is one further, although trivially small but nevertheless crucial difference between the affirmative and negative sentences, namely, that $ki$ occurs in the former instead of $ci_1$, whose occurrence is restricted to a negative sentence. The reasonable conclusion would be to consider $ci_1$ as a variant of the nominalizer $ki$ in the negative sentence of a specifiable type. Thus, it is evident that $ci_1$ is the nominalizer used exclusively in a negative context. Now that I have identified the $ci_1$ as a negative counterpart of the nominalizer $ki$, I will proceed to discuss the second occurrence of $ci$ in sentence (1a). Let us label this one as $ci_2$ for purposes of identification. Examine some additional examples that contain $ci_2$.

(4) a. Jack-un enehak-ul kongpuha $\{ci\} (yo)$.
   Top linguistics-Acc study
   'Jack studies linguistics.'

b. Tom-i nakceyha ess $\{ci\} (yo)$?
   NM flunk Past
   'Tom flunked (the course), didn’t he?'

³ In his article entitled ‘Aspects of Negation’ (in Korean), Hongpin Im strongly challenges my hypothesis and puts forward his own alternative. His argument is quite unconvincing and I will not discuss it here. See Song’s “Negative Aspects of ‘Aspects of Negation’” (forthcoming) for a critical appraisal of Im’s proposal.
Ci₂ typically occurs in a sentence final position and functions, like e in the same position, as a verbal ending. Samuel E. Martin has labeled the sequence ci yo as 'Casual Polite Style.' One of the characteristics of ci₂ is that it can be used to signal Question, Proposal, and Command as well as Statement when accompanied by appropriate intonations. This is also true of the sentence-final verb ending e(yo). Another characteristic of both these endings is that they never cooccur with the Aspect markers.

(5) *Tom-i tampay-lul phi nun {ci} (yo).

cigarette-Acc smoke Ind

When the Indicative Aspect marker nun occurs before the sentence final ending e, there is no question about its ungrammaticality. If, however, ci₂ occurs in the same environment, some native speakers waver in their grammaticality judgement. This is due to the fact that the first sentence of (5) can be perfectly grammatical as a question. It must be stressed, however, that the same sentence is unquestionably unacceptable as a statement. The fact that ci can occur after the Indicative Aspect marker in a question sentence does not conflict with my earlier statement that it never occurs with the Aspect marker. My claim is that the ci which occurs in a grammatical question sentence is not ci₂ but an entirely different morpheme. I will directly proceed to substantiate this claim. Compare the following pairs of sentences.

(6) a. John-i manwula-lul twutulki ci?
    NM wife-Acc beat
    'John beats his wife, doesn’t he?'

b. John-i manwula-lul twutulki-ess ci?
    Past
    'John beat his wife, didn’t he?'

(7) a. John-i manwula-lul twutulki-nun ci?
    Ind
    'Does John beat his wife?'

b. John-i manwula-lul twutulki-ess-nun ci?
    'Did John beat his wife?'

In sentences (6), ci₂, the Sentence-final ending, is preceded by a Tense marker. Although in (6a) there is no Tense marker, and ci₂ directly follows the verb stem, this fact should not mislead the reader. The present tense in Korean is unmarked or realized as zero on the surface. But whatever approach you take to mark the tense, you must recognize the presence of the present tense on the semantic level. It is immaterial to the discussion whether you postulate a semantic representation of the tense "PRESENT" in capital letters or you consider it as a feature [-Past] and segmentalize it as zero, that

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4 See Beginning Korean, pp. 98-105.
is, not segmentalize it at all. In contrast, \( ci \) in sentences (7), which I shall label as \( ci_3 \), to distinguish it from \( ci_1 \) and \( ci_2 \) above, is always preceded by the Aspect marker. But this distributional difference alone cannot be proof that \( ci_3 \) is different from \( ci_2 \). Could it not be the case that the Aspect marker can optionally be inserted between the tense marker and the sentence-final verb ending? The answer to this question is negative for several reasons. First, sentences (6a-b) are clearly different in meaning from those of (7a-b) respectively.\(^5\) The only formal difference between sentences of (6) and (7) is the absence in the former and the presence in the latter of the Aspect marker. It is difficult to imagine, however, that semantic difference between them is due solely to contribution of the Aspect marker, for in no other context does the Aspect marker make a semantic contribution which even remotely resembles this case. Secondly, as I have already pointed out, \( ci_2 \) can be used as an ending for Question, Proposal, and Command as well as Statement with appropriate intonation, but this is not the case with \( ci_3 \). This form is exclusively used as a question marker like \( ya \) and \( ka \). It is possible to replace \( ci_3 \) in sentences (7) with \( ya \) and \( ka \) and get grammatical sentences, as illustrated by (8), but not \( ci_2 \) in sentences (6).

(8) a. John-i manwula-lul twutulki nun \( \{ ya \} \) ?
   \( \{ ka \} \)  
   ‘Does John beat his wife?’

   b. John-i manwula-lul twutulki ess nun \( \{ ya \} \) ?
   \( \{ ka \} \)  
   ‘Did John beat his wife?’

(9) a. *John-i manwula-lul twutulki \( \{ ya \} \) ?
   \( \{ ka \} \)  

   b. *John-i manwula-lul twutulki ess \( \{ ya \} \) ?
   \( \{ ka \} \)  

Thirdly, only \( ci_2 \), not \( ci_3 \), can be followed by a conjunct \( man \).

   ‘Although John beats his wife, he never insults her.’


It is a relatively easy matter to marshall more evidence that further illustrates the difference between \( ci_2 \) and \( ci_3 \), but I shall limit myself to only one or two more. The \( ci_3 \), as a question marker, can also be used in Alternate question but not the \( ci_2 \).

(11) a. Mary-ka John-ul coaha nun ci yo miweha nun ci yo?  
   like         hate
   ‘Does Mary like or hate John?’

\(^5\) The translations provided here are quite inadequate to show the difference in meaning between sentences in (6) and those in (7). For an illuminating analysis of the semantic content of \( ci_2 \), see Chang (1973), pp. 127–31.
This seems also to be related to another fact: that only $ci_3$ can occur as an ending of an embedded question, whereas $ci_2$ cannot.

$$ (12) \begin{align*}
    a. & \text{ nwu-ka manwula-lul museweha nun } ci \text{ molunta} \\
        & \text{who-NM not-know} \\
        & \text{‘(We) do not know who is afraid of his wife.’}
    \\
    b. & \text{*nwu-ka manwula-lul museweha ci molunta}
\end{align*} $$

Now that I have distinguished $ci_3$ as a separate entity from the all-purpose sentence-final verb-ending $ci_2$, let's go back to sentence (lb) and see if we can identify $ci_3$ in it. The first occurrence of $ci$ is that of $ci_1$, being followed by the negative particle. The second occurrence of $ci$ is preceded by the Aspect marker $nun$ and, furthermore, it is part of the embedded question. These two facts alone are a strong enough indication that this indeed must be $ci_3$. But we can provide a further support to the claim by applying tests which will clearly prove its identity. Remember that $ci_3$ is always used as a question marker and never as a Declarative, Propositional, or Imperative ending. When the embedded S ending in $nun ci$ is used as an independent S, it is a question, never a statement, proposition nor command. Now as a Question marker, $ci_3$ can be replaced by other Q markers such as $ya$ and $ka$, and the original sentence will remain grammatical.

$$ (13) \begin{align*}
    & \text{ku cangkwun-i manwula-lul museweha ci anh nun' } \\
        & \begin{cases}
            \text{ci} \\
            \text{ya} \\
            \text{ka}
        \end{cases}
\end{align*} $$

It has already been pointed out that $ci_3$ occurs in an Alternate Q. Since the normal ordering of the sequence in Alternate Q is an affirmative followed by a negative question, out of sentence (13), we get the following Alternate Q.

$$ (14) \begin{align*}
    & \text{ku cangkwun-i manwula-lul museweha nun ci (yo) an museweha nun ci (yo)?}
\end{align*} $$

There is little doubt that the second occurrence of $ci$ in sentence (1b) is that of $ci_3$. The third and the final $ci$, of course, is $ci_2$ the sentence-final verbal ending used in a statement S.

Now there are four occurrences of $ci$'s in sentence (1c). The easiest one to recognize is again the sentence-final ending $ci_2$ at the end of the sentence. The third $ci$ followed by the negative particle is the negative counterpart of the nominalizer, namely, $ci_1$. The second $ci$ at the end of an embedded S is the very $ci_3$ which I have just discussed. The first occurrence of $ci$ in sentence (1c) is preceded by the Indicative Aspect marker $nun$ and is at the end of an embedded S. To this extent, it resembles $ci_3$ but the resemblance ends here. Compare the following examples:

$$ (15) \begin{align*}
    a. & \text{ manwula-lul museweha nun ci } \\
        & \begin{cases}
            \text{ka hwaksifha ci anh ta} \\
            \text{lul alapo keyss ta}
        \end{cases}
\end{align*} $$

'It is not certain' whether (he is) afraid of his wife.'

'(I) will find out'
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b. manwula-lul museweha nun ci (ka sipsam nyen i toyn ta
       ( *lul elma an toyn ta

‘He has been afraid of his wife for 13 years.’

Although the embedded sentences in (15a) and (15b) are exactly alike, it is evident that they are quite distinct syntactically and semantically. In sentence (15a), the complement S is an embedded Q whereas it is a statement in (15b). Syntactically, the complement in (15a) can be either a subject or an object but in (15b) it can only be a subject. They also have different ways to represent past tense as the following pair illustrates.

(16) a. manwula-lul museweha ess nun ci ka hwaksilha ci anh ta
       past

‘It is not certain whether (he) was afraid of his wife.’

b. *manwula-lul museweha n ci ka hwaksilha ci anh ta
c. manwula-lul twutulki n ci ka sipsam nyen i toyn ta

‘It has been thirteen years since he beat his wife.’
d. *manwula-lul twutulki ess nun ci ka sipsam nyen i toyn ta

Semantically, the complement subject in (15b) must be followed by a predicate expressing time-span. No such constraint is applicable to matrix verbs of the sentence of (15a). Clearly, ci in (15b), which I will designate at ci₄, must be distinguished from ci₃. The most crucial difference between ci₃ and ci₄ is that the former is a sentence-final verb ending indicating Q, whereas the latter cannot occur sentence-finally. ci₄ is a nominalizer of a sort, of which there are many in Korean (and also in Japanese) with very specific meaning and function. The nominalizer ci₄ means “TIME since something happened or has been happening,” the modifier ending n and nun respectively indicating the event being completed or continuous to the present. Although Samuel Martin considers ci₃ and ci₄ a single morpheme, several factors I have enumerated seriously undermine such a conclusion. He also considers ci₁ and ci₂ together as a single element and labels the sequence ‘Verb stem plus ci’ as the “suspective form” of a verb. But ci₁, as I have shown earlier, is a negative counterpart of the nominalizer ki and has little to do with the sentence-final ending of ci₂ I have not found one as yet, if there are grounds for combining the two into one morpheme. It is not clear how ci₁ and ci₂ can be treated as a single entity and Martin provides no justification for his analysis. My suspicion is that he suspects that negation is somehow related to the ‘suspective form of a verb’ which seems to reflect a suspicious mentality on the part of a speaker. It must be concluded, however, ci₁ is morphemically distinct from ci₂. In sum, any description of Korean that fails to distinguish four distinct morphemes homophonously realized as ci will suffer from the inadequacy of underanalysis.⁶

⁶ When I was writing this paper, I was not aware of the existence of Im’s article mentioned above (fn. 3) in which he also discusses various morphemes phonetically realized as ci. It is not surprising that we have reached a similar conclusion with regard to certain morphemes
independently. What is noteworthy, however, is that in some cases, we drew diametrically opposed conclusions from the same language data. I would like to express my thanks to Professor Wanjin Kim of Seoul National University for sending me a reprint of Hongpin Im's article, "Aspects of Negation."