

An Analysis of Verb-*gei* ‘Verb-give/to’ Combination in Chinese*

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1. Introduction

In Chinese Double Object Construction (henceforth, DOC) two forms of the ditransitive verbs are observed that denote caused possession (henceforth, CPVs), as in (1a) and (1b).¹

- (1) a. Xiaowang song Xiaohong yi-jian liwu.
 send one-CL present
- b. Xiaowang song-gei Xiaohong yi-jian liwu.²
 send-GEI one-CL present
 ‘Xiaowang sends Xiaohong a present.’

Specifically, in (1b) a character *gei* ‘give/to’ can optionally appear linearly after the main CPV *song* ‘send’ and before the indirect object *Xiaohong*. It is generally assumed that the semantics of *song* ‘send’ is essentially the same as that of *song-gei*. An obvious question, then, is that if the two forms of CPVs are semantically the same, why are there two forms in the first place? The aim of this paper is to provide an answer to this question and make a theory of verb-*gei* (henceforth, *v-gei*). Specifically, I propose that the realization of *gei* can be subsumed under a more general strategy in Chinese: further specification of the results denoted by verbs. In the case of CPVs like *song* ‘send’ in (1), for example, *gei*, whose meaning is an intrinsic part of the verbs (Zhu (1979:82)), is derived by separating and realizing the giving meaning from the verb.

This paper is organized as follows. In section 2, I make a preliminary discussion of *gei*. Section 3 is a discussion of CPVs which can be combined with *gei*, followed by three groups of verbs that cannot be followed by it. In section 4 I focus on CPVs. First I clarify the semantic difference between the forms of bare verb and CPV-*gei*, and then make the proposal. Specifically, in Chinese the result meaning of verbs can be further specified by other elements. Section 5 is the detailed analysis of the data provided in section 3. Section 6 provides further evidence of the proposal. Specifically, in constructions including ballistic motion verbs and resultative constructions, the form of verb plus elements denoting some

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¹ In this paper the following abbreviations are used: CL=classifier, PREP=preposition, PERF=perfective, GEN=genitive.

² *Gei* is glossed as a theoretically non-committal GEI to avoid unnecessary confusion.

result of the verb is also observable. Finally section 7 makes a summary of this paper.

2. Preliminary Discussions

In this section, I first lay out the usage of *gei* as both verb in 2.1 (corresponding to *give*) and preposition (corresponding to *for* or *to*) in 2.2, and continue to argue for the wordhood of CPV-*gei* in 2.3.

Let me begin the discussion by quoting Huang, Li and Li's (2009:26) comment on prepositions in Chinese: "The class of prepositions is one of the most poorly defined categories in Chinese, due to the facts that the so-called prepositions in the language all have their historical origins as verbs, and that Chinese has no inflectional morphology to mark verbs." I begin with *gei*'s categorial status as verb, followed by its status as preposition in accordance with its diachronic development.

2.1. *Gei as a Verb*

The basic usage of *gei* is to describe an event of giving. This event involves three necessary participants: a causer/an agent syntactically realized as the subject, a recipient as the indirect object and a theme as the direct object that is given. In (2a) the subject serves as agent, and that in (2b) is as causer.

- (2) a. Xiaohong *gei* Xiaowang yi-ben shu.
 give one-CL book
 'Xiaohong gives Xiaowang a book.'
- b. ziran zaihai buduan *gei* renlei jingshi.
 nature disaster continual give mankind warning
 'Natural disasters give mankind warnings continually.'

2.2. *Gei as a Preposition*

Let me quote Kimura's (2012:224) words regarding *gei*'s categorial status as a preposition: "*Gei* as a giving verb gets several usages of function words by grammaticalization, and among them the closest to its original meaning is the usage as a preposition that marks the recipient (Translation is mine)." He then gives the following example.

- (3) Xiaohong *gei* Xiaowang song-lai-le yi-feng xin.
 PREP send-come-PERF one-CL letter
 'Xiaohong sends Xiaowang a letter.' (Kimura (2012:225))

Furthermore, he suggests that *gei* can cooccur with verbs of making and getting, as is illustrated in (4a) and (4b) below.

- (4) a. Xiaohong *gei* Xiaowang da-le yi-jian maoyi.
 PREP hit-PERF one-CL sweater
 ‘Xiaohong knitted Xiaowang a sweater.’
- b. Xiaohong *gei* Xiaowang mai-le yi-jian maoyi.
 PREP buy-PERF one-CL sweater
 ‘Xiaohong bought Xiaowang a sweater.’

(Kimura (2012:225))

Note that in both (3) and (4) the schema of linear order is as follows.

- (5) Subject + *gei* + indirect object + VP

Regarding this word order, I would like to state that the categorical status of *gei* in (3) and (4) is not uncontroversial. Zhao (1968:297) claims that “if one transitive verb can often act as the first verb in serial verb constructions, then this transitive verb can be taken as a coverb (Translation is mine).” A serial verb construction is the construction in which two or more predicates share a single subject without conjunctions between them, as exemplified by the following examples.

- (6) a. Laowang mei tian qi zixingche shang ban.
 every day ride bicycle go work
 ‘Laowang goes to work by bicycle every day.’
- b. ta zhan qilai zou guoqu na shu.
 he stand up walk over take book
 ‘He stands up, walks over and takes a book.’

In (6a) two predicates, *qi zixingche* ‘ride a bicycle’ and *shang ban* ‘go to work’ share the subject *Laowang*. In (6b) there are three predicates, i.e. *zhan qilai* ‘stand up,’ *zou guoqu* ‘walk over’ and *na shu* ‘take a book,’ all performed by the subject agent *ta* ‘he.’

We know from the above examples that in serial verb constructions, the word order reflects the order of some natural development of the events denoted by the predicates. Take (6a) for example. To ride a bicycle is interpreted as a means to

go to work. It is a fact that adverbial adjuncts are positioned between the subject and the predicate in Chinese (cf. Travis (1984)), and as such this phrase occurs in this position. However, if one goes to work by bicycle, he must first take a bicycle. This is a basic characteristic of Chinese: in this language the morphological change of conjunctions of predicates is not employed as compared with European languages. But given that speakers will use different strategies in different languages to express similar meanings, in the case of serial verb constructions in Chinese the function of conjunctions are fulfilled by word ordering.

Now let us return to the claim by Zhao (1968), repeated in (7).

- (7) If a transitive verb can often act as the first verb in serial verb constructions, then this transitive verb can be taken as a coverb.

Specifically, *gei* is originally a verb, and can frequently act as the first predicate in serial verb constructions, as can be observed in (3) and (4). Therefore, it can be taken as a coverb.

Regarding this claim, I would like to argue that the schema in (5) should be differentiated from serial verb constructions. The reason is as follows. First, in a typical serial verb construction, the predicates denote independent events (although they may semantically form a bigger event: in (6a) to ride a bicycle is a means to go to work, and its function is to make the main predicate, i.e. to go to work, be semantically richer), while in (5) *gei* and the VP after it can only compose one single event. For instance, in (3) the first predicate *gei Xiaowang* is gibberish as *gei* is minimally a ditransitive verb and without specifying the theme argument the verb is by no means saturated. Second, in a serial verb construction the order of the predicates is uninterchangeable; recall that word ordering plays a crucial role in Chinese. In some cases of (5), however, the order is flexible. Observe the following data.

- (8) a. Xiaohong *gei* Xiaowang *song-lai-le* yi-feng xin. (= (3))
 GEI send-come-PERF one-CL letter
 b. Xiaohong *song-lai-le* yi-feng xin *gei* Xiaowang.
 send-come-PERF one-CL letter GEI
 c. * Xiaohong *song-lai-le* *gei* Xiaowang yi-feng xin.
 send-come-PERF GEI one-CL letter
 d. * Xiaohong *song-gei* Xiaowang-lai-le yi-feng xin.
 send-GEI come-PERF one-CL letter
 e. * Xiaohong *song-lai-gei* Xiaowang-le yi-feng xin.

The word *zui* ‘drunk’ is semantically close to an adjective describing a state of being drunk, but can be suffixed by the perfective *le*, which is typically added to a verb. However, unlike English, in which there is a copular verb to indicate that in *be drunk*, *drunk* is a predicate adjective and describes a state, Chinese lacks such a usage of the copular verb for predicate adjectives. Therefore, *zui*’s categorial status is not as obvious as *drunk* in English. This, if we adopt Sybesma’s (1999:28) claim that “Chinese adjectives are dynamic in a sense that Romance/Germanic adjectives are not,” which is to say that Chinese adjectives are close to verbs, can best describe Chinese adjectives’ categorial status like the one shown in (11) as being between verbs and adjectives of Romance/Germanic adjectives.

Above is the discussion of the categorial ambiguity of a word between an adjective and a verb. I would like to suggest that this holds for verb/preposition ambiguity as well. One example is the categorial status of *gei* under discussion. Kimura (2012:228) concludes from the observation of data like that in (10) that “*gei* is not a complete preposition yet, but should be considered as a coverb with some functional usage (Translation is mine).” To put the discussions all together, in Chinese the categorial status per se is not crucial (Chinese lacks clear categorial markers); what is crucial is the semantic interpretation of words, and as such I will not exhaust the exact category of *gei*.

Let us move on to see yet another usage of *gei*. The *v-gei* data sharing the schema in (5) all share one characteristic in meaning: the theme is a concrete object. For example, in (1) it is a present, and the more complicated data in (4) seem to denote that the subject gives the recipient a result of an event. In (4a) the event is to knit a sweater, and in (4b) it is to buy a sweater. But after all there is a concrete theme given, i.e. a sweater. Meanwhile, just as the bare verb *give* can give a concrete theme, as a book in (2a), it can also give an abstract theme, as warnings in (2b), there is no reason for *v-gei* not to be able to do so. Observe the following data.

- (12)a. ma gei ta kai men.
 mother GEI he open door
 ‘(Someone’s) mother opens the door for him.’
- b. Xiaohong gei Xiaowang shu toufa.
 GEI comb hair
 ‘Xiaohong combs hair for Xiaowang.’

(Kimura (2012:228))

In (12a) it is irrelevant whether the door is in the possession of *ta* ‘him’ or not after the mother opens it for him. Similarly, in (12b) the hair combed is a part of *Xiaowang* in the first place. To be strict, what the indirect object obtains is a kind of abstract service provided by the subject agent. In these cases the indirect objects, i.e. *ta* ‘he’ in (12a) and *Xiaowang* in (12b), is not related directly to the direct object, but is to an event. This relationship is exactly what Pylkkänen (2008) defines as a high applicative construction, taking the VPs denoting the event, i.e. *kai men* ‘open the door’ in (12a) and *shu toufa* ‘comb hair’ in (12b), as unergative verbs. By contrast, in the cases like (1b), the direct object is eventually in the possession of the indirect object. That is, the relationship is between the direct object and the indirect object, a relationship realized by a low applicative construction. These are two different constructions, and in this paper I will only treat the low applicative cases because I would like to focus on the cases where *gei* and the indirect object can occur flexibly, in particular, the cases including *v-gei*.³

There is another usage of *gei* that I will not deal with (*gei* on the interpretation of (13b)). Consider the ambiguity of the following example.

- (13) *wo gei ni mai shu.*
 I for you buy book
 a. ‘I buy you a book.’ or
 b. ‘I buy a book for/instead of you.’

If (13) is interpreted as (13a), it is highly possible that the book will be in the possession of the indirect object *ni* ‘you.’ That is, on this interpretation, the example in (13) is a typical low applicative construction. By contrast, if it is used to express the interpretation in (13b), it is unknown whose possession the book is in finally. That is, on this interpretation, (13) exemplifies a high applicative construction realizing a relationship between the indirect object *ni* ‘you’ and an

³ This is to say that in a high applicative construction, *gei* and the indirect object cannot occur flexibly. Refer to the following data in contrast to (9).

- (i) a. *ma gei ta kai men.*
 mother GEI he open door
 b. * *ma kai men gei ta.*
 mother open door GEI he
 c. * *ma kai gei ta men.*
 mother open GEI he door
 ‘(Someone’s) mother opens the door for him.’

event *mai shu* ‘buy a book.’ To better understand the nature of *gei* on (13b) interpretation, let me again quote the claim from Zhao (1968) that follows the one in (7).

- (14) For several coverbs of this group, if they can only act as the first verb in serial verb constructions, they are genuine prepositions (Translation is mine).

I would like to interpret this claim in two possible ways. The first one is the case where the word can only occur between the subject and the (main) predicate. An example is *cong* ‘follow/from.’

- (15)a. wo cong Beijing lai.
 I FROM come
 b. * wo lai cong Beijing.
 I come FROM
 ‘I come from Beijing.’

Like *gei*, *cong* ‘from’ is originally a verb denoting an event of following. Zhao takes (15a) as a serial verb construction, and as it can only occur before the first predicate ((15b)), it should be classified as a genuine preposition.

The second interpretation is that for a word that may bear several usages as different categories, if in one usage it can only occur at that position, it is a preposition. This is exactly the case of *gei* on the interpretation in (13b). Specifically, *gei ni* ‘for/instead of you’ cannot occur at any other positions on this interpretation. It is a pure adverbial PP, is base generated between the subject and the predicate, and will move nowhere.

Summarizing by far, I introduced the basic usages of the controversial *gei* from the perspective of its categorial status. Concretely, there are three *geis*: a pure verb *gei* ((2)), a pure preposition *gei* ((13b)) and a coverb *gei* which includes a low applicative head usage ((1b)), a high applicative head usage ((12)) and a usage of a third type ((10)). In the sections to follow, I will focus on the low applicative head usage. But before that, I would like to first argue that *v-gei* is a verb, which will form an argument of my proposal.

2.3. *V-gei as a Verb*

- (19) *gei* ‘give,’ *mai* ‘sell,’ *song* ‘send,’ *huan* ‘repay,’ *di* ‘pass,’ *pei* ‘compensate,’ *shang* ‘award,’ *shu* ‘lose,’ *jiao* ‘teach,’ *fu* ‘pay,’ *jie* ‘lend,’ *tuihuan* ‘refund’ (Zhu (1979:85))
- (20) a. Xiaohong *gei*(-le) Xiaowang yi-ben shu.
give(-PERF) one-CL book
- b. * Xiaohong *gei-gei*(-le) Xiaowang yi-ben shu.⁴
give-GEI(-PERF) one-CL book
‘Xiaohong gave Xiaowang a book.’
- (21) a. Lao nong *mai*(-le) Xiaowang san-gongjin juzi.
old peasant sell(-PERF) three-CL orange
- b. Lao nong *mai-gei*(-le) Xiaowang three-gongjin orange.
old peasant sell-GEI(-PERF) three-CL orange
‘An old peasant sold Xiaowang three kilograms of oranges.’
- (22) a. Xiaowang *song*(-le) Xiaohong yi-jian liwu.
send(-PERF) one-CL present
- b. Xiaowang *song-gei*(-le) Xiaohong yi-jian liwu.
send-GEI(-PERF) one-CL present
‘Xiaowang sent Xiaohong a present.’
- (23) a. Xiaohong *huan*(-le) Xiaowang yibai-kuai qian.
repay(-PERF) one hundred-CL money
- b. Xiaohong *huan-gei*(-le) Xiaowang yibai-kuai qian.
repay-GEI(-PERF) one hundred-CL money
‘Xiaohong repaid Xiaowang a hundred yuan.’
- (24) a. Xiaohong *di*(-le) Xiaowang yi-zhang zhijin.
pass(-PERF) one-CL tissue paper
- b. Xiaohong *di-gei*(-le) Xiaowang yi-zhang zhijin.
pass-GEI(-PERF) one-CL tissue paper
‘Xiaohong passed Xiaowang a piece of tissue paper.’
- (25) a. Xiaowang *pei*(-le) Xiaohong yi-ben xin shu.
compensate(-PERF) one-CL new book
- b. Xiaowang *pei-gei*(-le) Xiaohong yi-ben xin shu.
compensate-GEI(-PERF) one-CL new book
‘Xiaowang compensated Xiaohong by giving her a new book.’
- (26) a. zhengfu *shang*(-le) aoyun guanjun ju’e de jiangjin.

⁴ The ungrammaticality of (20b) is clearly strange as *gei* is definitely an inherent part of the original verb *gei*. Regarding this matter, *gei* in (20a) is taken as a compressed form of *gei-gei* (cf. Zhao (1968:247)).

- government award(-PERF) olympic gold medalist huge GEN bonus
- b. zhengfu shang-gei(-le) aoyun guanjun ju'e de
government award-GEI(-PERF) olympic gold medalist huge GEN
jiangjin.
bonus
'The government awarded the olympic gold medalists a huge bonus.'
- (27) a. Xiaowang shu(-le) wo yi-pan qi.
lose(-PERF) I one-CL shogi
b. Xiaowang shu-gei(-le) wo yi-pan qi.
lose-GEI(-PERF) I one-CL shogi
'Xiaowang lost me a shogi.'
- (28) a. laoshi jiao(-le) women henduo zuo ren de daoli.
teacher teach(-PERF) we many be person GEN reason
b. laoshi jiao-gei(-le) women henduo zuo ren de daoli.
teacher teach-GEI(-PERF) we many be person GEN reason
'The teacher taught us many reasons to be an upright person.'
- (29) a. keren fu(-le) dianyuan wu meiyuan de xiaofei.
customer pay(-PERF) shop assistant five dollar GEN tip
b. keren fu-gei(-le) dianyuan wu meiyuan de xiaofei.
customer pay-GEI(-PERF) shop assistant five dollar GEN tip
'The customer paid the shop assistant a five dollar tip.'
- (30) a. Xiaohong jie(-le) Xiaowang yi-ba yusan.
lend(-PERF) one-CL umbrella
b. Xiaohong jie-gei(-le) Xiaowang yi-ba yusan.
lend-GEI(-PERF) one-CL umbrella
'Xiaohong lent Xiaowang an umbrella.'
- (31) a. gongsi tuihuan(-le) guke buliang shangpin de huokuan.
company refund(-PERF) customer defective goods GEN money
b. gongsi tuihuan-gei(-le) guke buliang shangpin de
company refund-GEI(-PERF) customer defective goods GEN
huokuan.
money
'The company refunded the customer the money for the defective goods.'

In (21a), for example, if a peasant sells *Xiaowang* some oranges, the result is that the oranges must be in the possession of *Xiaowang*. Similarly, in (22a), the result of *Xiaowang*'s sending a present to *Xiaohong* is *Xiaohong* gets the present. In both cases, the realization of the events denoted by the verbs, *mai* 'sell' in (21a) and *song*

- (35)a. Xiaowang song Xiaohong yi-jian liwu. (= (1))
 send one-CL present
- b. Xiaowang song-gei Xiaohong yi-jian liwu.
 send-GEI one-CL present
 ‘Xiaowang sends Xiaohong a present.’

By intuition, if *gei*, whose meaning is an inherent part of CPVs, is explicit, the direct object, *liwu* ‘present’, is surely in the possession of the indirect object *Xiaohong* after the event denoted by the CPV *song* ‘send.’ This is corroborated by the contrast of grammaticality of the following minimal pair.

- (36)a. Xiaowang song Xiaohong yi-jian liwu,
 send one-CL present
 keshi Xiaohong mei shoudao.
 but not receive
- b. * Xiaowang song-gei Xiaohong yi-jian liwu,
 send-GEI one-CL present
 keshi Xiaohong mei shoudao.
 but not receive
 Intended: ‘Xiaowang sends a present to Xiaohong, but she didn’t receive it.’

In the first part of (36b), we know that the present has been in the possession of *Xiaohong*, given the realization of *gei*. In the second part, however, there arises a contradiction, i.e. *Xiaohong* receives the present and she does not receive it. This is where the ungrammaticality comes from.

4.2. Proposal

Bearing the conclusion made in 3.1 (i.e. *gei* plus the recipient can be considered as a lexically inherent result of the verbs) and the discussion in 4.1 in mind, I make the following proposal.

- (37) In Chinese the result meaning of verbs can be further specified by other elements.

In terms of the topic under discussion, the result meaning of CPVs is specified by *gei*. In this case, *gei*, the meaning of giving, is separated from the original meaning of the CPVs, and the result is restricted to the direct object’s being possessed by the

indirect object. For example, the meaning of *song* ‘send’ consists of two parts, the action of sending and the giving of the direct object theme to the indirect object recipient. These two parts are simultaneous and indivisible. By realizing the giving part with *gei*, we know that the result of sending is to make the theme in the possession of the recipient. In what follows, let us consider the result specification of CPVs more carefully.

The denotation of CPV-*gei* can be reduced to a locational change in possession. Take (1b), repeated as (38), for example.

- (38) Xiaowang *song-gei* Xiaohong *yi-jian liwu*. (= (1b))
 send-GEI one-CL present
 ‘Xiaowang sends Xiaohong a present.’

We know from (38) that there is an event of sending a present, with the result that the present is owned by *Xiaohong*. Here the locational change in possession is from someone (not necessarily *Xiaowang*) to *Xiaohong*. This kind of result seems different from the classical result describing a state of the direct object, as shown in the following example.

- (39) The joggers ran the pavement thin. (Hoekstra (1988:115))

(39) denotes an event of running, and this results in the pavement being thin. Here *thin* is the status of the pavement after the event of running.

In the literature, however, these two distinct results have been considered as members of a more comprehensive result family (cf. Goldberg (1995), Levin and Rappaport Hovav (1995), Goldberg and Jackendoff (2004), among others). Therefore, it is reasonable to think that *gei* denotes some kind of result, i.e. an abstract path of possession change, just like *John rolls the ball down the hill* in English, in which *down the hill* denotes a concrete path change.

Next, I would like to formalize this result of path change under the framework of scalar change advocated by Beavers (2011). Specifically, *result* can be formalized as follows.

- (40) For all dynamic predicates φ , themes x , events e , states g , and scales s :
 $[[\varphi(x, s, e) \wedge \textit{result}'(x, s, g, e)] \leftrightarrow$
 $[\varphi(x, s, e) \wedge \textit{SOURCE}(s, \mathbf{b}_c, e) \wedge \textit{GOAL}(s, g, e)]]^5$

⁵ The subscript c is defined by Beavers as “a constant determined by context.” \mathbf{B}_c indicates

(Beavers (2011:351))

Applying (1a) and (1b), repeated as (41a) and (41b), to, say, the left hand side of (40), we get:

- (41)a. Xiaowang song Xiaohong yi-jian liwu. (= (1))
 send one-CL present
 $\exists e \exists s[\textit{song}'(\mathbf{xiaowang}, s, \mathbf{liwu}, e) \wedge \textit{result}'(\mathbf{liwu}, s, g, e)]$
- b. Xiaowang song-gei Xiaohong yi-jian liwu.
 send-GEI one-CL present
 $\exists e \exists s[\textit{song}'(\mathbf{xiaowang}, s, \mathbf{liwu}, e) \wedge \textit{result}'(\mathbf{liwu}, s, \mathbf{Xiaohong}, e)]$
 ‘Xiaowang sends Xiaohong a present.’

Crucially, in (41a), where *gei* is not explicit, the result state of *liwu* ‘present’ is unspecified (the state *g* remains unknown). By contrast, in (41b), where *gei* occurs after the CPV *song* ‘send,’ the result state is clear: the present is in the possession of *Xiaohong* (the state becomes the constant **Xiaohong**).

5. Analysis

In this section I make an analysis of the data in section 3.

5.1. CPV-gei Data

Take *song* ‘send’ for example. As discussed in 4.2, the meaning of *song* ‘send’ involves two parts, i.e. the action of sending and the process of giving. However, there seems to be a hierarchy in meaning: if one does not first send something, giving will not obtain. I assume that this semantic hierarchy is reflected linguistically: if we say *song* ‘send,’ we focus more on the action of sending, and only when we use *song-gei* ‘send-GEI’ do we highlight the result of sending. This is illustrated by the following schema.

- (42)a. Bare CPVs: [ACTION, GIVING]
 b. CPV-geis: [ACTION, GIVING]

This can explain why if the form of *v-gei* is used, the indirect object must follow it.

- (43)a. * Xiaowang song-gei yi-jian liwu.

“a contextually determined state at the beginning of *e*.”

- send-GEI one-CL present
- b. Xiaowang song yi-jian liwu.
 send one-CL present
 Intended: ‘Xiaowang sends a present.’

In (43a) *gei* is combined with *song* ‘send’, indicating that some result of the action of sending is highlighted. The result is restricted to be that the direct object goes to someone’s possession given the context of caused possession. Thus an indirect object must appear after *gei* serving as the goal of the locational change. By contrast, in (43b) the bare CPV *song* ‘send’ focuses more on the action of sending, thus a third party is not necessarily needed. In this case, *song* ‘send’ is a transitive verb. In the transitive usage, we can still imagine a possible result, as shown by the following example.

- (44) gongsi anshi song-dao-le na-pi huowu.
 company on time send-arrive-PERF that-CL goods
 ‘The company sent the goods (to some customer) on time.’

In the transitive usage, it is most reasonable to assume the result of sending as some state the goods are in. In (44) this is presented by *dao* ‘arrive/at.’

5.2. Verbs that Cannot Be Followed by Gei

In 3.2 I listed three groups of verbs that cannot be followed by *gei*. Let us see them one by one. First, the example of *mo* ‘touch’ that belongs to verbs of touching is repeated in (45).

- (45) * Xiaowang mo-gei(-le) Xiaohong yi-zhi pangxie. (= (32))
 touch-GEI(-PERF) one-CL crab
 ‘Xiaowang caught Xiaohong a crab.’

A lexical characteristic of verbs of touching is that there is no result component in the word meaning: if one touches something, the action is momentary and ends without any possible result (without contexts to make it possible). Consequently, it is by no means compatible with a possession change result.

The second group is verbs of making. The *qi* ‘make’ example is repeated below.

- (46) * wo qi-gei ta yi-bei cha. (= (33a))

I make-GEI he one-CL tea
 ‘I make him a cup of tea.’

I would like to assume that in the case of verbs of making, the focus is on the process of making itself, and has hardly any relationship with any third party. Therefore, it is difficult to employ *gei* to indicate any possession change result of the verb.

Finally, let us consider the group of some unergative verbs. I claimed in 3.2 that whether an unergative verb can be followed by *gei* or not is subject to pragmatic factors, especially when we consider a whole predicate as an unergative verb. The *chang* ‘sing’ example is repeated as follows.

- (47) * wo chang-gei(-le) ta. (= (34))
 I sing-GEI(-PERF) he
 ‘I sang for him.’

The combination of *chang-gei* ‘sing-GEI’ is impossible. The reason is similar to the above two groups: the meaning of singing is incompatible with any possession change result.

Meanwhile, there are some unergative verbs that do cooccur with *gei*. Some examples are listed below.

- (48)a. ta xie-gei(-le) xiaozhang yi-feng xin.
 he write-GEI(-PERF) headmaster one-CL letter
 b. * ta xie(-le) xiaozhang yi-feng xin.
 he write(-PERF) headmaster one-CL letter
 ‘He wrote the headmaster a letter.’
- (49)a. ta liu-gei(-le) Xiaowang yi-ge zuowei.
 he keep-GEI(-PERF) one-CL seat
 b. * ta liu(-le) Xiaowang yi-ge zuowei.
 he keep(-PERF) one-CL seat
 ‘He kept a seat for Xiaowang.’
- (50)a. ta jian-gei(-le) wo yi-kuai yu.
 he take-GEI(-PERF) I one-CL fish
 b. * ta jian(-le) wo yi-kuai yu.
 he take(-PERF) I one-CL fish
 ‘He took me some fish with chopsticks.’
- (51)a. ta yao-gei(-le) wo yi-shao jiangyou.

- he spoon-GEI(-PERF) I one-CL soy sauce
 b. * ta yao(-le) wo yi-shao jiangyou.
 he spoon(-PERF) I one-CL soy sauce
 ‘He got me a spoonful of soy sauce.’

(Zhu (1979:82), with some modifications)

As to *xie* ‘write’ in (48), Zhu makes the following discussion: “*xie* ‘write’ denotes neither giving nor receiving. However, when it combines with *xin* ‘letter,’ it is most easy to presuppose a receiver of the letter. In that case, it bears the meaning of giving. Still, even if there is *xiexin* ‘write a letter’ in the context, it does not necessarily denote giving (Translation is mine).” The following example shows this point.

- (52) ta zou de shihou xie-le feng xin gei wo, rang wo
 he leave GEN time write-PERF CL letter GEI I ask I
 zhuanjiao-gei ni.
 hand-GEI you
 ‘When he was leaving, he wrote a letter to me, and asked me to hand it to
 you. (Zhu (1979:85))

In this example, *xie le feng xin* ‘wrote a letter’ only means the action of writing a letter. Zhu concludes that “this reflects the indeterminacy of semantics: for CPVs, the semantics of giving is an intrinsic part of the verbs, for verbs like *xie* ‘write,’ however, it is not. Sometimes it appears, and sometimes it does not.”

This is true of the verbs in (49)-(51). If someone keeps a seat, it is easy to think of someone else for whom it is for. If someone takes some fish, it is not unnatural for us to ask to whom it is for. Likewise, if someone gets a spoonful of soy sauce, it is possible that he is doing it for someone else. Of course, for all these contexts, it is possible that one just does them for himself.

To summarize, in some context when the whole predicate of a sentence are taken as an unergative verb, it is possible to add *gei* after the main verb. This is a pragmatic matter: it is possible to modify the context to make the main verb compatible with possession change result. The strategy is different; for CPVs, *gei* is a part separated from the verbs, while for some unergative verbs, it is added in accordance with context. However, the nature of *gei* is identical, i.e. it is the specified result of the verbs.

6. Supporting Evidence

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