## CONTRASTING MARKED AND UNMARKED QUESTIONS: A CASE OF SIH IN INDONESIAN

# Rika Mutiara Universitas Esa Unggul rika.mutiara@esaunggul.ac.id

#### Abstract

The discourse marker sih is a common feature of questions in colloquial Indonesian. Results of previous research show there is a contrastive function of sih in questions. The questions in which sih occurs are called marked questions. The present study explores the functions of sih by contrasting marked and unmarked questions produced by the same speakers. The marked questions can occur before the unmarked questions or in reverse order. In both patterns, the marked questions indicate speakers' great willingness to know about something. They also show speakers' way to attract the attention of the hearers. The unmarked questions were used when the speakers elicit more accurate answers. More over, they were uttered when the hearers do not get the idea mentioned in the first question. They were uttered because the hearers' ask for repetition.

Keywords: discourse marker sih, questions, Indonesian

## Abstrak

Penanda wacana sih adalah fitur yang umum ditemui dalam pertanyaan bahasa In done sia sehari-hari. Penelitian sebelumnya menunjukkan fungsi yang bertentang an mengenai sih dalam pertanyaan. Pertanyaan yang mengandung sih disebut sebagai pertanyaan yang ditandai. Penelitian ini mengkaji fungsi sih dengan cara membandingkan pertanyaan yang ditandai dengan sih dan yang tidak. Kedua jenis pertanyaan tersebut diucapkan oleh penutur yang sama. Pertanyaan yang ditandai dengan sih dapat muncul mendahului pertanyaan yang tidak ditandai dengan sih atau sebaliknya. Pada kedua pola tersebut, pertanyaan yang ditandai dengan sih menunjukkan keinginan yang besardari penutur untuk mengetahui suatu hal. Pertanyaan jenis ini juga berguna untuk menarik perhatian pendengar. Pertanyaan yang tidak ditandai dengan sih digunakan ketika penutur menginginkan jawaban yang lebih tepat dan pasti. Selain itu, pertanyaan ini muncul sebagai respon penutur terhadap pendengar yang meminta pengulangan. Pendengar tidak menangkap makna pada pertanyaan pertama.

Kata kunci: penanda wacana sih, pertanyaan, bahasa Indonesia

## **INTRODUCTION**

Discourse marker (DM) is a prominent feature in conversation that carries several functions depending on the context. DM has pragmatic meaning which shows what happens between the participants involved in the conversation and the message they deliver (Biber et al., 1999). Moreover, it represents the attitudes of the participants in conversation (Östman, Jan-Ola & Virtanen, 2011). The speakers used DMs to assist the hearers to understand what they mean.

How the speakers facilitate each other in achieving the goal of the discourse was conducted through DM (Rühlemann, 2006).

There are several DMs in Indonesian such as *kan*, *ya*, *sih*, *deh*, *kok*, etc. The DMs might occur in affirmative and interrogative utterances. Some scholars have conducted studies on the DM *sih*. There could be different functions if they occur in affirmative or interrogative utterances. The present study examined the questions marked with *sih* in colloquial Jakartan Indonesian. The DM *sih* tends to occur in the final position of utterances and it is used in questions with question words *apa*, *kenapa*, *di mana*, *mengapa*, *gimana*, etc. The present study specifically focused in the interrogative utterances with the question word *apa*.

The occurrence of *sih* has attracted the interest of some scholars. Miyake (2015), for example, exemplifies *sih* in questions which indicate the speakers' complaints or dislikes.

```
Laki-laki
                                        ya?
                gimana,
                                sih.
man
                how
                                sih
                                        yeah
'What kind of man is he, sih, yeah?'
Isinya
                        aja
                                sih?
                apa
content-nya
                what
                        iust
                                sih
'What's inside, sih?'
```

In a different note, Sneddon (2006) claims that *sih* is used to demonstrate that the speakers have less interest in the issue and that it has a softening effect, as in the following examples:

```
Lo
              Bowo uda
                             berapa lama,
                                            sih?
       ama
you
       with
              Bowo already how
                                    long
                                            sih
'How long have you been going out with Bowo, sih?'
Tau
       dari
              mana, sih?
      from
              where sih
know
'From where did you hear (that), sih?'
```

In contrast, Djenar, Ewing, & Manns (2018) state that *sih* is used when the speakers are looking forward to hearing the responses from the hearers. Observe the following:

```
Kok mesti pake nama samaran segala sih?"
'Why do (you) have to use an alias and all, can you tell me?'
```

Furthermore, Sari (2009) paid attention to the intonation of the utterances with *sih*. She noticed that *sih* in questions occur with a rising intonation. In this case, *sih* is intended to urge the hearers' responses. Questions marked with *sih* represent speakers' eagerness to discover the answer, as seen in the following examples.

```
Di mana sih kosnya?

'Where is [sih] your rented place?'

Berapa sih sebulan?

'How much [sih] is the rent per month?'
```

The previous studies mentioned above show contrastive results. According to Djenar et al. (2018) & Sari (2009), the function of *sih* is to urge the hearers to give responses while for Sneddon (2006), the speakers do not give much concern on the topic being asked. It is therefore necessary to conduct another study on the function of *sih* in questions. The studies discussed above focus on the single occurence of marked questions with *sih*. Preliminary finding of the present study uncovers that when the speakers use *apa sih*, they also produced other questions which concern on the same issue with the questions they have produced before. Those questions tend to be unmarked since *sih* was not applied. Observe the following examples.

```
nih?
A: Ini apa
               sih
                       namanya
   this what
               sih
                       name-its
                                      this
   'What's sih its name?'
B: Heh?
   Exc
   'Huh?'
A: Ini apa
               namanya?
   this what
               name-its
   'What's its name?'
```

First, A produced a question marked with *sih*. B responded by saying *heh*. Then, A asked again. The second question was unmarked. *Sih* was used only in the first question. An analysis of how the interlocutors responded to those types of questions (marked and unmarked questions) would give a better understanding of the meaning of *sih* in questions. Therefore, the analysis in the present study begins with the functions of marked and unmarked questions and how the interlocutors respond to them.

Based on the results of previous studies (Djenar et al., 2018; Sari, 2009), it can be said that the questions with *sih* are intended to seek information. In seeking information, the speakers put themselves in a particular epistemic status. This means that the way the speakers produce the questions – whether the questions occur with DMs or not – indicate how they place their own status and the hearers' status, those who are in more knowledgable and less knowledgable positions (Heritage, 2013).

Such issue has been explored by Hamdani & Barnes (2018). The study focused on polar questions with the DMs ya and kan. DMs in the final positions sign the marked polar questions in Indonesian. The ones marked with ya represent epistemic asymmetry in which the speakers have more knowledge than the hearers while the ones marked with kan have more symmetrical knowledge among the speakers and the hearers. The DMs are prominent in questions because they emphasize the functions of questions in the utterances. The DMs were intentionally added to the questions because the speakers' goal is to make the hearers aware of their questions.

Following the previous studies of Djenar et al., 2018 and Hamdani & Barnes, 2018, the study applied conversation analysis. Conversation analysis was conducted in sequence organization (Mazeland, 2006; Schegloff, 2007). The participants organize their utterances based on reasoning skills they did towards utterances produced by other participants. In making meaning of the utterances, the participants could do some strategies such as respecifying their utterances and renegotiating (Mazeland, 2006). The impact to the present study is that the order of giving and accepting information in questions should be scrutinized briefly. Participants

organize the interaction in such a good way (Sidnell, 2015). Furthermore, conversation analysis concerns on the way the speakers understand each other in their turn taking. In doing the analysis, special attention was given to the way the speakers respond to previous utterances. Speakers' responses were based on their comprehension of the utterances produced by other participants (Koshik, 2003).

As this study focuses on the questions and answers, the principle of adjacency pair was observed in the analysis. In adjacency pairs, the second part cannot stand alone; its message is relevant to the utterance in the first part. An example of adjacency pair is question and answer. The answer cannot be separated from the question. The ways the speakers organize their utterances give implications to the participants (Mazeland, 2006; Schegloff, 2007; Sidnell, 2015). When the speakers do not get an answer, they will apply some strategies such as pursuing an answer by changing the questions, drawing an inference why the other participants do not answer or reporting that their questions are not answered (Sidnell, 2015). Brown (2010) argued that some questions in Tzeltal aim at finding new information, confirmation, and repetetion that is due to its unclarity. Other questions function to assess, suggest, request, and offer. Bongelli et al. (2018) explored the question and epistemic position of questions in Italian. They found that WH questions indicate speakers' position of not knowing something; while polar, tag, and declarative questions show speakers' position of uncertainty. When the speakers are in the position of not knowing, they seek for information. The same issue has been discussed by Enfield (2010). WH questions aim at information seeking and repair. The present study focuses on one type of WH questions namely apa (what).

The aim of the present study is to examine whether *sih* functions to encourage the hearers to give responses or not by contrasting marked and unmarked questions. In addition, it analyzed how speakers position themselves and their interlocutors in terms of epistemic in seeking for information. Previous study of participant' epistemic in marked and unmarked questions only discussed DM *kan* and *ya*. The present study extends the discussion of such issue by analyzing the DM *sih*.

### METHODOLOGY

The data were taken from the CHILDES (Child Language Data Exchange System). The participants in the interactions are children and adults. The children talked about various topics to adults or other children in colloquial Jakartan Indonesian, a variety that is commonly used among those living in Jakarta. Antconc, a concordance tool, was used in the present study to find the collocations of *apa* and *sih*. Because *sih* occurs in the final position in questions, the span of finding the collocations is four words to the right of *apa*. The concordance lines were examined to find the conversation in which the marked questions with *sih* co-occur with other unmarked questions. Following the previous studies on DMs, *sih* was not translated into English in the transcription to maintain the actual sense it carries (Djenar et al., 2018; Hamdani & Barnes, 2018; Miyake, 2015; Sari, 2009).

Twenty three extracts of conversation were analyzed to prove whether *sih* functions to encourage the hearers to respond the questions and find out the positions of the speakers and the hearers. It was done in the level of Turn Constructional Unit (TCU). Consideration to the presupposition of the questions, question design, social action and preference organization was conducted (Bongelli et al., 2018). Then, in each extract, the patterns of occurrences of marked

and unmarked questions were identified. The possible patterns are marked-unmarked in which marked questions were followed by the unmarked questions or unmarked-marked where unmarked questions proceeded the marked questions. Then, as final markers, the lexical surrounding of *sih* was analyzed. It concerns on whether some nouns such as address terms or pronouns followed *sih* in questions. Next, the questions produced by same speakers and the responses were examined.

#### FINDINGS AND DISCUSSION

Among the 23 conversation extracts, the pattern of marked questions followed by unmarked questions was found in 16 extracts. The pattern of marked questions proceeded by unmarked questions exists in four extracts. The rest three extracts have various patterns. They have three questions. The patterns are varied as marked-unmarked-unmarked, unmarked-marked-unmarked, and unmarked-unmarked-marked. *Sih* occurs when the speakers seek information. They try to find the most relevant answer. It is in line with the findings in the previous studies (Djenar et al., 2018; Sari, 2009). The finding of the present study supports the idea that DMs in questions function to make the interlocutors sense the request to give information to those who seek for information (Hamdani & Barnes, 2018).

In some extracts, some common lexical features in colloquial Indonesian occur in the questions marked with sih. Aja (just) was applied in a question as in belajar apa aja sih? Three questions have memang (actually). In colloquial Jakartan, memang appears as emangnya and mang. The speakers asked emangnya dia pegang apa sih? and mang McD ada apa sih Ca? It indicates speaker's seriousness in asking. Those features give a contribution to the meaning of utterances marked with sih.

## Functions of the Marked and Unmarked Ouestions

This part begins by presenting an analysis of marked-unmarked qustions. As can be see in extract (1), the participants were talking about an object. The first question uttered by A was marked with *sih*. In this case, A tried to attract B's attention in order to get some information. B said the crab was so cute. For him, it could be a pudding mold. The next question was not marked with *sih*. B replied that it was a pudding mold, but he added the word *kali* 'maybe'. The question marked with *sih* was uttered to get the answer about the name of the object. Since B's answer did not satisfy A, he asked again for a more definite answer. In this case, he pursued for a more precise response.

## Extract 1

```
A: Ini apa sih, inih? this what sih this 'What is this sih, this one?'
```

B: Idih, lucu banget kepitingnya. Ini mah tempat ager-ager kali. exc cute very crab-nya this DM mold pudding maybe 'Wow, how cute the crab is. Well, it's probably a pudding mold.'

```
A: Ini apaan inih?
this what this
'What is this?'
B: Tempat ager-ager.
mold pudding
'A pudding mold.'
```

Extract (2) has a different pattern. It is a marked question followed by two unmarked questions. The extract shows that the participants talked about a picture. The first question is marked with DM *sih*. A answered the question with *Heli*. As a note, *Heli* is a famous Indonesian children song about a pet dog named *Heli*. Thus, what A meant was a dog. B asked again a couple of times about what it was and got the same answer. Of the three questions with *apa*, only the first question was marked with *sih*, indicating that he was eager to know whether B understood the name of the object. Since B kept repeating that the name of the object was Heli, A finally explained that it was not Heli but a Dalmatian. Unlike the marked question with sih that was meant to show A's enthusiasm for B's response, the unmarked questions were uttered to direct the interlocutor to reconsider for another possible answer (see Djenar et al., 2018; Hamdani & Barnes, 2018; Sari, 2009).

## Extract 2

```
B: Gambarnya apa
                        sih?
   picture-nya what
                        sih
   'What picture is it sih?'
A: Heli.
   Heli.
   'Heli'
B: Apa?
   what
   'What?'
A: Heli.
   Heli
   'Heli'
B: Apa?
   what
   'What?'
A: Heli.
   Heli
   'Heli'
B: Heli?
            Bukan.
                        Dalmatian
                                        ini.
   Heli (?). No
                        Dalmatian
                                        this
   'Heli? No. It's Dalmatian.'
A: Guguk.
   dog
   'Dog.'
```

```
B: Iya. Pernah nonton itu nggak filem Dalmatian, hm? yes ever watch that not movie Dalmatian exc Yes. Have you watched a Dalmatian movie before? Hm.

A: Udah.
already
'I have'
```

In the following case (Extract 3), A was surprised as B (the child) can speak in English. A asked B who taught her English. B said it was her English teacher at school. The next question was marked with sih (Belajar apa aja sih?) in order to get some information from B. However, A did not get a satisfactory response and therefore he asked again with an unmarked question. This question was meant to get more accurate information.

## Extract 3

```
A: We, Ica sekarang udah bisa basa Inggris, ya iya? wowIca now already can language. English yes yes 'Wow. Ica can speak English now. Who taught you?'
```

```
A: Sapa yang ngajarin? who which teach 'Who teach (you)?'
```

B: Kan ada guru basa Inggris.

DM exist teacher language English

'An English teacher'

A: Di sekolahan? at school 'At school?'

B: Tar di sekolah madrasah. later at school madrassa 'Later at madrassa'

A: Sekolah madrasah mana? school madrassa which 'Which madrassa?'

B: Madrasah Asem. madrassa Asem 'Madrassa Asem'

A: *Iya?*Yes
'Yes'

C: Aku juga.

I too 'Me, too.'

A: Belajar apa aja sih? study what just sih? 'What have you learnt, sih?'

```
B: Nggak
               tau.
               know
   no
   '(I) don't know.'
A: Udah
               belajar apa
                               aja?
   have
               learned what
                               just
   'What have you learnt?'
B: Nggak
               tau.
               know
   not
   '(I) don't know.'
A: Udah
               belajar anggota
                                      badan belom?
  have
               learned member
                                      body
                                              not.yet
   'Have you learnt body parts?'
B: Anggota
               badan?
   member
               body
   'Body parts?'
A: Heem.
   Excl
   'Yeah.'
```

In the three examples discussed above, the speakers uttered marked questions because they would like to express their great wish to hear the answers. This finding is relevant to the ones reported by Djenar et al., (2018); Hamdani & Barnes (2018); and Sari, (2009). When the interlocutors do not give a relevant answer, they will ask again. The next questions they produced were unmarked. The speakers know the interlocutors realize the points of the questions and the urgency to get an accurate answer. Therefore, there is no need to make the interlocutors aware of those points with DM *sih*. The unmarked questions demand the interlocutors to give answers that are in line with the expectations of the person who asks the question.

The next two cases discussed unmarked questions that occur before the marked ones. Extract (4) is a conversation of a kid who was stung by an ant. A said that Ngki's foot was stung by an ant. B and C responded by requesting to see it. C then asked what type of ant it was, and the question was unmarked. A responded by showing the swollen foot and telling again it was stung by an ant. Because C did not get the answer of what type of ant it was, he then asked the same question again. This time, the question was marked with *sih*, showing his eagerness to get the information about the type of ant. The question was successful in getting A's attention. A helped by asking what type of ant it was. D then proposed an idea that it was a red ant.

## Extract 4

'Let me see, which one?'

```
A: Ca, tuh
               Ngki
                       digigit semut katanya
                                                       tuh,
                                                               kakinya
                                                                              tuh.
   Ca that
               Ngki
                       biten
                               ant
                                       word-nya
                                                       that
                                                               feet-his
                                                                              that
   'Ca, look! Ngki was stung by an ant. Look at his feet.'
B: Mana.
               mana?
  which
               which
```

```
A: Bengkak
                nih.
   swollen
                this
   'It's swollen.'
C: Mana?
   where
   'Let me see.'
A: Kasi
                liat.
                        xxx!
                                         Tuh.
                                                         dikasi liat
                                                                          tuh.
                                                 mau
   give
                look
                        unidentified
                                         that
                                                         given
                                                                 look
                                                                          that
                                                 want
   'Show him. Look, he wants to show it to you.'
C: Semut
                apa?
                what
   ant
   'What kind of ant is it?'
A: Nih, tuh,
                iva?
                        Digigit semut.
   this that
                yes
                        biten
                                 ant
   'This one?
C: Semut
                        sih?
                apa
   ant
                what
                        sih
   'What kind of ant, sih?'
A: Semut
                        Ki?
                apa,
   ant
                what
                        Ki
   'What kind of ant, Ki?'
D: Semut api,
                 ya?
   red.ant
                yes
   'Red ant.'
A: Semut api?
   red.ant
   'Red ant?'
D: Iya.
   yes
   'Yes.'
```

In the following extract, A showed a pole to B by saying that it was a pole. However, it seems that B did not understand what A meant to say, and therefore A repeated the information he had given before. B said that it was not a pole and then asked C what it was. C only responded by saying *heh*. Then, B asked again *apa sih itu*. In this case *sih* carries the sense of a serious question that needs to be answered (Djenar et al., 2018; Sari, 2009). B wanted to raise raise C's awareness towards his question (Hamdani & Barnes, 2018). Since B did not get the answer, he asked again, and this time his question was unmarked.

```
Extract 5
```

```
A: Tu tiangnya. that pole-nya 'That's the pole.'
```

```
B: Hah?
  hah
   'Huh.'
A: Tiang.
  Pole
   'A pole.'
                                       Jordan?
B: Bukan. Apa, apa Mas
           what, what older brother Jordan
  not
   'No. What is it, Mas Jordan?'
C: Heh?
  heh
   'Huh?'
B: Apa sih
               itu?
  whatsih
               that
   'What is that, sih?'
C: Ininya?
  this-nya
   'This one?'
B: Heeh, apa?
        what
  heeh
   'Yes, what is it?'
C: Nggak
               tau,
                       pintunya
                                       ini.
  not
               know
                       door-its
                                       this
  'I don't know. This is the door.'
```

In the cases of marked questions proceeded by unmarked questions, in the beginning, the speakers were not able to make the hearers get the point of the questions. Therefore, the speaker tried to deliver their ideas by using marked questions. *Sih* in marked questions makes the hearers notice that the speakers need an answer. In extracts 4 and 5, we can see that the hearers were cooperative to provide accurate answers. The response towards the marked questions is different from the unmarked questions. *Sih* was employed to build the sense of cooperativeness of the hearers.

## **Positions of the Participants**

In both sequences of the organization of questions – whether marked questions followed by unmarked questions or the other way around – assymetrical positions among the speakers and the hearers occur in the marked questions. However, assymetrical postion is more obviously seen in marked questions (Hamdani & Barnes, 2018).

In extract 1, the speaker uttered a marked question *ini apa sih inih?* Then, he got a response. He responded by asking another question, an unmarked question, *ini apaan nih?* This is the strategy of changing the question to carry on the interaction (Sidnell, 2015). When the speaker produced the marked question, the speaker did not know anything about it. He positioned himself as the one who was less knowledgable than the hearer. He had an idea that

the hearer had information he was looking for. In the unmarked question, the speaker had information that the thing he asked for could be a pudding mold. However, he was willing to hear more accurate information. Therefore, he uttered an unmarked question. His epistemic position in unmarked question is different from the one in marked question. In this unmarked question, the speaker's position is closer to the hearer's level of knowledge.

In extract 2, surprisingly, there is a phenomenon of no-knowledge. This is in agreement of the study conducted by Lindström & Karlsson (2016), who argue that speakers might say they do not know about such an issue when they are asked. This reflects speakers' disability to provide information or avoidance to discuss about a particular issue. The speaker asked a marked question, belajar apa aja sih? Here, he positioned himself as a party that did not know anything about what Ica (the hearer) had learnt. He also positioned Ica as a party that can provide some information for him. Neverthless, the hearer claimed she did not know. The speaker, then, produced an unmarked question, udah belajar apa aja? This question emphasizes that the speaker knew that the hearer learnt something even though he did not specifically know about the material. The speaker did not believe the hearer's claim of no-knowledge. In unmarked question, the speaker showed that he has a piece of information.

In extract 4, the speaker uttered an unmarked question, *semut apa sih*. The interlocutor did not answer the question by mentioning a type of ant. He just said *digigit semut*. The speaker asked again with marked question, *semut apa sih*. In the marked question, the speaker asked to get information. He realized the hearer was more knowledgable than him. The hearer could supply such information. He, however, did not get information that he expected. To get correct information, he asked a marked question. The marked question implies speaker's acknowledgment that the hearer knows something that he does not know. Once again, the marked question reveals the participants' assymetrical positions.

## CONCLUSION

The pattern of marked questions followed by unmarked questions dominates the pattern of questions and answers. In extracts 1-3 in which the marked questions were uttered first, the speakers show their eagerness to get information. The marked questions show the speakers are in the position of less knowledgable. The speakers, then, got answers but they still want to find more accurate answer. Here, the questions were given to ask for clarity (Brown, 2010). They produced unmarked questions to elicit more accurate answers. In unmarked questions, speakers' epistemic position is closer to the hearer. They know something from the responses given by the hearers towards their marked questions.

In the pattern of unmarked questions followed by marked questions, the speakers did not get any relevant information when they produced the unmarked questions. In extract 4, the response to the marked question is to have another topic for discussion. In extract 5, the response is asking repetition because the hearer did not catch what the speaker said. Because of such kind of responses, the speakers asked with marked questions. In extract 4, it made the hearer focus on the topic, while in extract 5, it aimed at repeating the question with special emphasize of the need to answer the question. Both marked questions were responded as what the speakers expected. In this question and answer pattern, there is no significant difference of speakers' epistemic position when they uttered marked and unmarked questions.

This study reveals that marked and unmarked questions have different functions. Marked questions with *sih* function to seek for more definite and accurate answers. In this case *sih* indicates speakers' eagernes to receive answers. The findings are relevant to the study conducted by Djenar et al. (2018) & Sari (2009).

## **NOTE**

The author would like to thank an anonymous reviewer for very helpful comments on the earlier draft.

#### REFERENCES

- Biber, D., Johansson, S., Leech, G., Conrad, S., & Finegan, E. (1999). *Longman grammar of spoken and written English*. Longman.
- Bongelli, R., Riccioni, I., Vincze, L., & Zuczkowski, A. (2018). Questions and epistemic stance: Some examples from Italian conversations. *Ampersand*, 5 (March), 29–44. https://doi.org/10.1016/j.amper.2018.11.001
- Brown, P. (2010). Questions and their responses in Tzeltal. *Journal of Pragmatics*. https://doi.org/10.1016/j.pragma.2010.04.003
- Djenar, D. N., Ewing, M., & Manns, H. (2018). *Style and intersubjectivity in youth interaction* (Issue February). Walter de Gruyter Inc. https://doi.org/10.1515/9781614516439
- Enfield, N. J. (2010). Questions and responses in Lao. *Journal of Pragmatics*, 42(10), 2649–2665. https://doi.org/10.1016/j.pragma.2010.04.004
- Gill, D. (2001). Reflexive Anaphor or Conjunctive Operator? Riau Indonesian Sendiri. In & C. T. J. Cole, Peter; Hermon, Gabriella, Huang (Ed.), Long Distance Reflexives (pp. 83–118). Emerald.
- Hamdani, F., & Barnes, S. (2018). Polar questions in colloquial Indonesian: A pilot study. *Journal of Pragmatics*, 132 (July 2018), 1–20.
- Heritage, J. (2013). *Action formation and its epistemic (and other) backgrounds*. https://doi.org/10.1177/1461445613501449
- Koshik, I. (2003). Wh-questions as challenges. *Discourse Study*, 5(1), 51–77.
- Lindström, J., & Karlsson, S. (2016). Tensions in the epistemic domain and claims of no-knowledge: A study of Swedish medical interaction. *Journal of Pragmatics*, 106, 129–147. https://doi.org/10.1016/j.pragma.2016.07.003
- Mazeland, H. (2006). Conversation analysis. In K. Brown (Ed.), *Encyclopedia of Language and Linguistics* (pp. 153–163). Elsevier. https://doi.org/10.1016/B0-08-044854-2/00314-X
- Miyake, Y. (2015). Pragmatic particles and information structure in colloquial Indonesian dialogue. *Proceedings of the Second International Workshop on Information Structure of Austronesian Languages*, 103-114.
- Östman, Jan-Ola & Virtanen, T. (2011). Text and discourse linguistics. In J.-O. Zienkowski, Jan & Östman (Ed.), *Discursive Pragmatics* (pp. 266–285). John Benjamins.
- Rühlemann, C. (2006). What can a corpus tell us about pragmatics? *The Routledge Handbook of Corpus Linguistics*, 319–332. https://doi.org/10.4324/9780203856949.ch21

- Sari, F. (2009). *A prosodic aspect of the Indonesian pragmatic particle sih*. https://doi.org/10.1017/CBO9781107415324.004
- Schegloff, E. A. (2007). Sequence organization in interaction: A primer in conversation analysis I. In *Sequence Organization in Interaction: A Primer in Conversation Analysis I* (Issue January). Cambridge University Press. https://doi.org/10.1017/CBO9780511791208
- Sidnell, J. (2015). Conversation analysis. In H. Heine, Bernd & Narrog (Ed.), *The Oxford handbook of linguistic analysis* (pp. 167–192). Oxford University Press.
- Sneddon, J. N. (2006). Colloquial Jakartan Indonesian. In *The Australian National University*. https://doi.org/10.1017/CBO9781107415324.004