#### Tag Disambiguation of Discourse Particles

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#### Discourse Particles

- Discourse particles such as English yes/ya, well, ok and Hindi to, haaN, thiik hE, calo (choRo) are quite frequent in spontaneous speech
- Despite their significant role in information structure in dialogue/conversational speech, they have not been given due attention in tag disambiguation, unlike major words such as nouns, verbs, adjectives, etc.

#### Focus

- To study
  - What these discourse particles contribute to the conversation/dialogue with the aim to determine their functions
  - In order to make use of the information they provide, they need to be disambiguated

#### Tags of to

- to
  - to in Hindi is one of the most complex and interesting discourse particle
  - to can be tagged as
    - Sentential Connective (SC)
    - Discourse Marker (DM)
    - Topic Marker(TM)
    - Pragmatic Question Marker (PQM)
    - Conditional Question Marker (CQM)
    - Emphatic Marker (EM)
    - Contrastive Connective(CC)

#### Sentential Connective (SC)

to: SC

1) to rotiyoN kaa sahaaraa bhii gayaa

SC bread of support also went

'The support for livelihood too disappeared.'

Context: to occurs in the initial position

#### Discourse Marker (DM)

- to: DM
- 2) to, aNdherii raat thii aur ham haath meN DanDaa liye saTaasaT cale aa rahe the, tabhii ek peR ke piiche se kisii ne kahaa, 'khabardaar'.
  - {DM dark night was and we hand in sticks taking quickly moving then one tree behind from someone said stop
- "It was a dark night and we were walking quickly carrying sticks in our hands when suddenly from behind a tree someone said,'Stop'."

Conext: to occurs between one or more sentences and one sentence connecting a idea in a narrative.

# Topic Marker (TM)

■ to: TM

3) maiN to apnaa kismat kaa phaislaa kiye baithaa thaa.

I TM self fate of decision did sat was

"I had already decided my fate."

Context: to occurs immediately after subject noun. It can also occur after a verb too with same effect of topicalization.

## Pragmatic Question Marker (PQM)

- to: PQM
- 4) tumhe isne kaaT to nahiiN liyaa? you it bite-pr-3p negative "It did not bite you, I hope."

Context: to occurs between verb and negative particle forming a question.

This has a pragmatic overtone. This question can be said only in the context where the predicate event is contrary to the speaker's expectation.

## Conditional Question Marker (CQM)

to: CQM

5) dekhnaa, koi jaag gayaa to?see, someone wake up CQM"Be careful, someone may wakes up."

Context: to occurs sentence-finally after the verb in a question sentence.

### Emphatic Marker (EM)

■ to: EM

6) nahiiN to no 'NO'

Context: to occurs with the negation particle in a replysentence for yes-no question.

#### Contrastive Connective (CC)

to: CC

7) ek viir hE to dusaraa mahaaviir.
one brave is CC other very brave
'When the one is brave the other one is much more so.'

Context: to occurs between two clauses and functions as contrastive connective.

## Concluding remarks

- Here, only one particle to has been illustrated with discourse functions and their tag disambiguation
- The discourse particles such as calo, choRo, etc in Hindi are much more interesting and require study with a view to identify their tags
  - calo choRo jaane do
  - dekho, dekhate hEN
  - Etc.

## Concluding remarks

- All the examples presented here are taken from different Hindi texts.
- Tags and their disambiguation contexts are not exhaustively worked out.
- Requirements: A Very Large Corpus

#### References

#### References

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#### Thanks