

Conjectural questions in Navajo: The case of *daats'í*

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This paper explores the semantics of the modifier *daats'í* in Navajo (Athabaskan). Both written sources (Young and Morgan 1987) and consultants translate sentences like (1) as shown below:

- (1) Deigo **daats'í** si'á
 upright **daats'í** it-sits
 'Is it upright?' *or* (Young and Morgan (YM) 1987: 753; fieldwork (FW))
 'I wonder if it's upright.' *or* 'Maybe it's upright, or maybe not.' (FW)

Utterances of the form *daats'í p* have similarities to both modal statements and questions. On the basis of primary fieldwork, I demonstrate that neither approach alone adequately captures the semantics of *daats'í*. I argue for an account that will handle all of the translations of *daats'í p* in (1), proposing that *daats'í* introduces Conjectural Questions (CQs). CQs are a class of construction attested in unrelated languages of the Americas. I take as a starting point Littell et al.'s (2009) theory that CQs have the semantic shape, but not pragmatic force, of questions. I ask whether CQs as found in Navajo and other languages are a single phenomenon or are best treated as semantically disparate constructions.

***Daats'í* vs. Questions:** A first approach is to analyze *daats'í* as a question morpheme. I assume that questions denote sets of propositions that count as possible answers: [[is it raining?]]^w = {it is raining, it is not raining} (Hamblin 1973). In addition, questions carry two additional pragmatic requirements: (i) the Speaker thinks that the Addressee may know the answer and (ii) an answer from the Addressee is necessary (Caponigro and Sprouse 2007). I compare *daats'í* to the question morpheme *-ish* and show that they pattern distinctly. First, *daats'í* is felicitous in contexts of mutual ignorance while *-ish* is not (2).

- (2) *Context:* You don't know if it is raining or not. Your coworker has been inside your windowless office with you all morning so you know she doesn't know if it is raining.
- | | |
|---|---|
| a. Naháłtin daats'í
it.is.raining daats'í
'I wonder if it's raining.' | b. # Naháłtin- ish
it.is.raining-Q
'Is it raining?' (FW) |
|---|---|

Second, *daats'í p* utterances do not require the Addressee to answer before conversation continues. If *-ish* instead of *daats'í* appeared in (3), the Speaker's utterance would be infelicitous.

- (3) Yiskáago nahodoołtííł **daats'í**. Bee chaha'ohí dííyitííł.
 tomorrow it.will.rain **daats'í** umbrella you.bring.it
 'It might (or might not) rain tomorrow. You should bring an umbrella.' (FW)

***Daats'í* vs. Modals:** Given that *daats'í* patterns distinctly from *-ish* in several key ways, we could follow Willie (1996) and analyze *daats'í* as a modal. I compare *daats'í* to *shíí*, another adverb which I analyze as an epistemic modal. *Shíí p* is true where the Speaker has inferential evidence that *p* holds in all worlds most consistent with the Speaker's beliefs about the actual world.

On one hand, both *daats'í* and *shíí* can be syntactically embedded beneath an attitude verb (4), suggesting a syntactic position consistent with both being modal expressions (Matthewson et al. 2007). However, *daats'í* exhibits semantic behavior distinct from *shíí*. First, sentences with *shíí* are not translated as questions, either in matrix or embedded contexts:

- (4) a. [Lééchaą yázhí na'ałkóq' **daats'í** yééhósin] nisingo, taah yíłt'e'
 puppy it.swims **daats'í** it.knows.how I.thinking water.into I.threw.it
 'Wondering if the puppy knew how to swim, I threw it in the water.' (YM 1987: 775)
- b. [Lééchaą yázhí na'ałkóq' **shíí** yééhósin] nisingo, taah yíłt'e'
 'Thinking the puppy must know how to swim, I threw it in the water.' (FW)

Second, *shíí* presupposes that the Speaker has inferential evidence favoring *p* (e.g., 'the beans') while *daats'í* can only be used if the Speaker lacks such evidence:

- (5) *Context:* You feel queasy. You ate a lot of different things yesterday (beans, ice cream, mutton...).
- You say:* Naa'ohí **daats'í** shi'iisool
 beans **daats'í** they.bloated.me.up
 'Maybe it was the beans that made me bloat up.' (YM 1987: 243)

