INTERACTIONAL-FUNCTIONAL LINGUISTICS?





POINT OF THE TALK

- Discuss central notions of grammar and action
- Ask questions??? What is grammar? What is function?
- I might be critical/controversial I might be stating the obvious
- I might have misunderstood central parts of CA/IL
- Maybe give people ideas for future seminars



WHAT IS THE FIRST THING YOU THINK OF AS A FUNCTION?



tional





WHO SAID IT FIRST?

- Prague School 1920s
- Some terms are actually antique
- Important in Simon Dik's (1968) thesis Functional Grammar
- Many separate developments of the word "function" no obvious history
- "Interactional function" is very widespread but not discussed?





INTERACTIONAL LINGUISTICS

Interactional Linguistics is functional

- West Coast Functional Grammar
- Phonetics in York and Germany

"have now, for all practical purposes, merged into one" (Couper-Kuhlen & Selting 2018:12) (no mention of e.g. Dik)

What we're doing:

Comparing to topological fields (Diderichsen)

Finding phonetic "reduction" phenomena (copula-drop + verb inflection)

Are we the same?





MEANINGS OF FUNCTION

Functional approaches take the stance that:

"Language is essentially a means of communication between human beings" and that this explain why "languages are as they are" (Butler 2003, preface)

The word "function" is used for many things! Let's look at them



"LEDFUNKTION" ~ "SÆTNINGSLED"

Function of PHRASE in CLAUSE

Subject, (indirect, direct) object, adverbials – maybe predicate? – etc. – ancient concepts!

i.e. the "function" of a phrase - connected to syntax and sometimes called "syntactic function"

School Grammar but also syntactic functions in e.g. Functional Grammar

Related to "semantic functions" – agent, undergoer, recipient, patient, theme etc. >sometimes at different levels (e.g. SAO in typology, "macroroles")

Vary in universality and relation to other constituent functions





INFORMATION STRUCTURE

Topic, Focus

Given, New

Theme, Rheme

"Pragmatic function" in some places

Also something phrases can have?



"SENTENCE FUNCTIONS"

If you google this, you get DECLARATIVE, INTERROGATIVE, IMPERATIVE, EXCLAMATIVE

And I remember this confusion with a reviewer





PHONOLOGICAL FUNCTIONS

Function: "to make words/lexemes distinct"

Functional load = "importance of certain features in making distinctions in a language" (Wikipedia)

Phonemes has distinctive function - paradigmatic "function"

And phonological features and processes may contribute or obscure distinctions

But does CA believe in the concept of "phoneme"?





MORPHOLOGY?

Function: to have meaning? (not just allow 'distinctions')

Morpheme meaning

Danish -es passive (~subject as undergoer)

PAS reciprocal

(others)

- Compositional meanings
- Is it a necessary level?



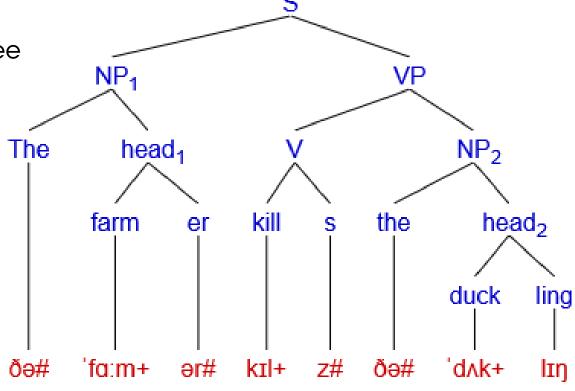


MORPHOLOGY? DOES IT EXIST?

Why not just put all ordered stuff in a tree

Phonology can apply difference between "morpheme" and "word" boundaries

What's the point of having more layers?



My interpretation of stuff I don't know. Maybe based on Anderson, S. (1992). A-Morphous Morphology, Cambridge University Press, Cambridge.





OTHER FUNCTIONALITIES

- Cognitive
- Frequency
- Easy of articulation etc.
- > "Functional" because tied to use, but not clearly "a function" of specific material
- Nichols 1984 deals with different notions of "function(al)"
- Halliday also has "metafunction"
- And "function words"



• What about parts of speech? Other levels? SCHOOL OF COMMUNICATION AND CULTURE FUNCTIONS IN DANTIN |



HOW DO WE GET AT IT?

- Complexity: How does those different levels contribute to the interaction?
- And: What if they just contribute to each other?
- My project: It's easy to work with one-syllable stuff?
- Maybe we could start thinking about why this organization is as it is:
 - Why are some things done with one-word-constructions and some not?
 - Other grammatical resources etc



AN EXAMPLE

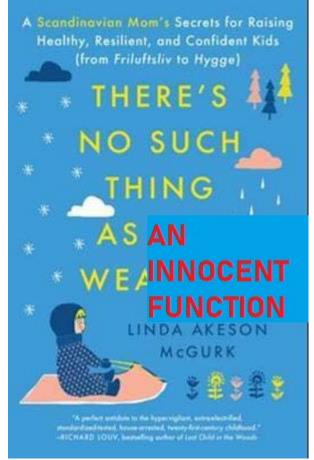
How would we put some "functions" on the material here?

Can we illustrate how they are interactionally relevant?

```
*TOR:
1584
               jeg ude≥ •
1585
      %glo:
                   out
1586
      %eng:
               I'm out
1587
               (0.3) •
1588
      *TOR:
              hm h[m
      *LIV:
1589
                   [y[es
1590
      *SVE:
                     [allere:de→ •
1591
                      already
      %eng:
1592
      *TOR:
               ja → •
1593
      %ena:
               ves
1594
      *SVE:
              hvorforz .
1595
      %eng:
              why
1596
               (0.3) •
1597
      *TOR:
                            duck of doomede mig å jeg havde kun en
              hun ducked-
               she duck-PST duck of doom-PST me and I have.PST only a
1598
      %glo:
1599
              to[erw •
1600
      %alo:
               two-NMLZ
1601
               She "ducked- duck-of-doom'ed" me and I had only a two
      %eng:
1602
      *SVE:
                 [a::rgh> det kender jeg godt det der
1603
                          it know-PRS I well it
      %eng:
              det s:kideirriterend[e→ •
1604
      *SVE:
1605
      %glo:
                   shit-irritating
1606
      %eng:
               it's so annoying
                                    [jeg vil gerne sammenligne med dig→
1607
      *MAR:
                                     I will PRT compare with you
1608
      %qlo:
1609
                                     I would like to compare with you
      %eng:
```

SUMMARY ON "TRADITIONAL" FUNCTIONS

- There are so-called functions at every level!
- Many "functions" can be attributed to the same material at once
- There could be some that shouldn't be called "functions"
 - McGregor (1997) prefers *sign* for some
- Are they always relevant for the interaction?







"INTERACTIONAL" FUNCTIONS

Action

• Turn-taking/construction

• They are intertwined of course







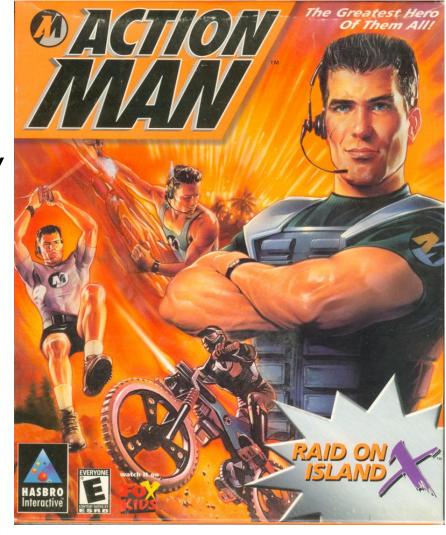
ACTION

Auer 2003 (fn1): "**The notion of an "action" is notoriously** ill-defined in conversation analysis"

"What a turn does"

Levinson 2013: "The sense of 'main job' or primary action intended here is what the response must deal with in order to count as an adequate next turn."

Other doings are "off-record", e.g. "of course" & epistemics in assessments ("overlay" has also been used about affective stance, Couper-Kuhlen 2009)







ACTION + STANCE

Stance

- Epistemic
- Deontic
- Affective
- (others?)



I consider it separate from action

Rossi 2018 argues for composite actions ("informing+request" & "criticism+request") > But I can't follow why both parts has to be 'action' – looks like one action with stance

"off-record" & "unaccountable" - is this really the case?





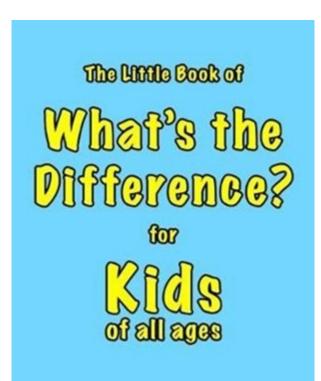
WHAT ACTIONS

```
1584
      *TOR:
               jeg ude≯ •
1585
      %glo:
                   out
1586
      %eng:
               I'm out
               (0.3) •
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              hm h[m
      *LIV:
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                   [y[es
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                      already
      %eng:
1592
      *TOR:
               1a→ •
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      %eng:
               ves
1594
      *SVE:
              hvorforz .
1595
      %enq:
              why
1596
               (0.3) •
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1601
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      %eng:
1602
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1603
                          it know-PRS I well it
      %eng:
                  argh
              det s:kideirriterend[e→ •
1604
      *SVE:
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```

PRAGMATICS VS. SEMANTICS?

Is there a difference?

Your thoughts?



Do we need a difference?



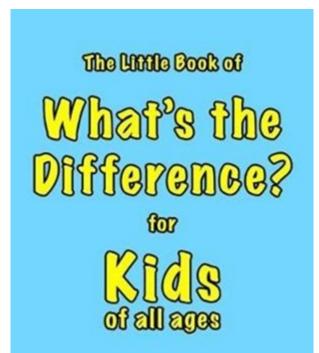


PRAGMATICS VS. SEMANTICS?

Is there a difference?

CA often seen as "pragmatics" Because it's language use

McGregor 2007 (and others): Encoded = semantic Inferred = pragmatic



Do we need a difference?

But if we find e.g. that ja = confirmation, is that is somewhat encoded?



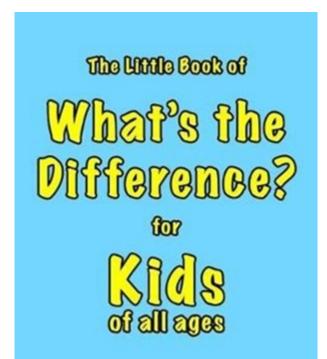
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PRAGMATICS VS. SEMANTICS?

CA often seen as "pragmatics" Because it's language use

Counterpoint: It's dependent on sequential position

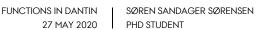
=> It's not clear if "action" is semantics or pragmatics or both



But if we find e.g. that ja = confirmation, is that is somewhat encoded?

Counter-counter:
Is this different than a word being more POS?







SØREN'S PHD'S ACTIONS

Lexical differences gives us access to the differences

>Those (and only those) necessary for describing the system

>Except continuer/receipt?

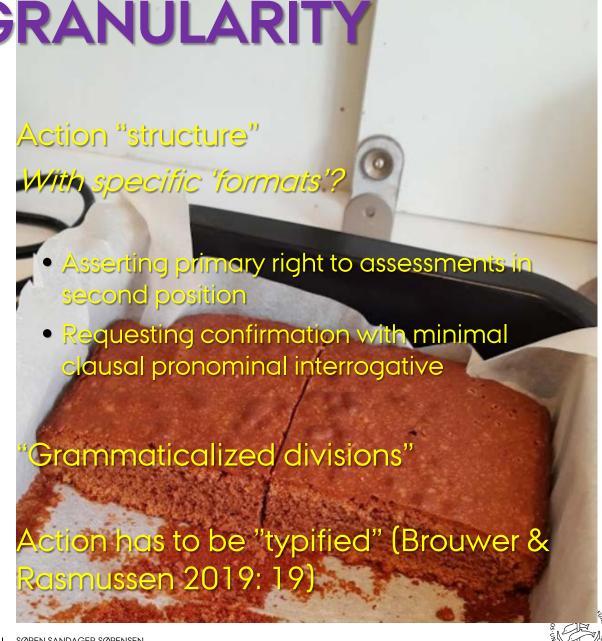
Based on Sørensen 2019

Table 1	ja	nej	nå	okay	mm
Continuer	+	+	+	+	+
Receipt	+	+	+	+	+
Confirmation (epistemic)	+	+	-	-	+
Disconfirma- tion	- (jo)	+	-	_	- (possible [mʔ])
Compliance (with request)	+	-	-	+	+
Rejection (of proposal)	-	+	-	-	- (possible [mʔ])
Response in summons-an-swer sequence	+	-	-	-	+ (?)
Transitional	+	- (?)	+	+	- (?)
Assessment	+	+	-	-	+



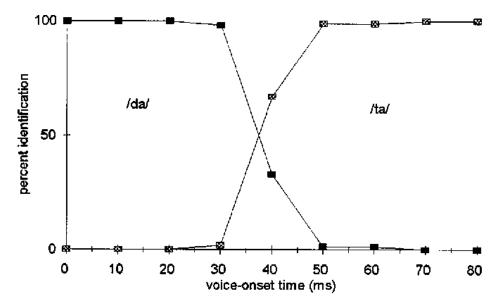






IT'S NOT NEW

- Heritage (1998) proposes some "semantics" of oh often cited as general, but framed in inferences
- Comparable to categorical perception
- (picture from Sharma & Dorman 1999)
- Categories still fuzzy
- "action families"

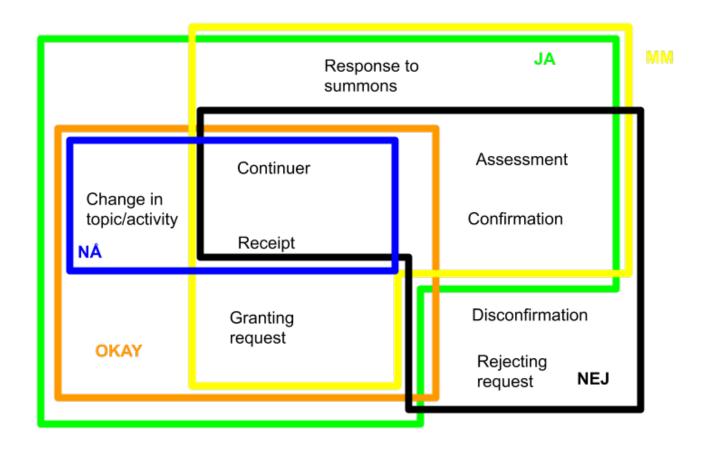


• Thompson (2019) on the clause as grammaticalised for interactional purposes in English – and potentially more or less grammaticalised in other lgs





SEMANTIC MAP???





MY PROJECT

I'm not looking at turn-taking!
Being "freestanding" is a collection **criteria**

But how many actions and stances?

ja and *nej*

- Nej does both confirmation and disconfirmation, but "same" stance
- > argument for distinguishing stance and action

i.e. stance not just *within* but also *across* actions Status of prosodic features across lexical items

Table 1	ja	nej	กล้	okay	mm
Continuer	+	+	+	+	+
Receipt	+	+	+	+	+
Confirmation (epistemic)	+	+	-	-	+
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Compliance (with request)	+	-	-	+	+
Rejection (of proposal)	-	+	-	-	- (possible [mʔ])
Response in summons-answer sequence	+	-	-	-	+ (?)
Transitional	+	- (?)	+	+	- (?)
Assessment	+	+	-	-	+



EXAMPLE: OKAY1 AND 2

Action carved up differently

Okay 1 doing activity change/receipt is not necessarily distinct on occurrence - It may do both!

Continuer

Change in topic/activity

Continuer

Change in topic/activity

Discontinuer

OKAY1

Response to summons

Assessment

Confirmation

Disconfirmation

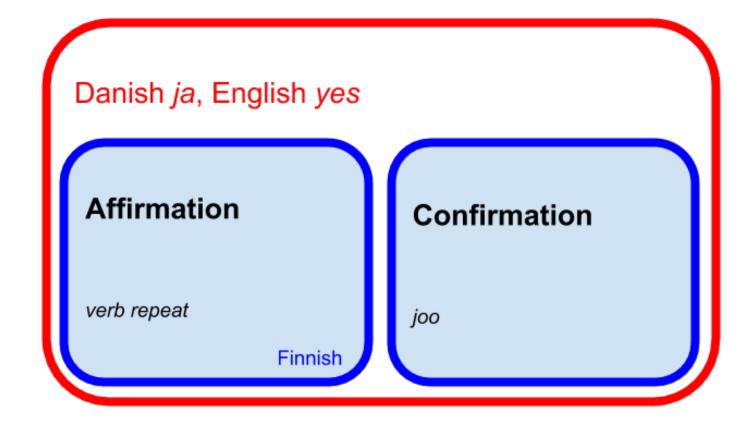
Rejecting request





Compliance

TYPOLOGICAL COMPARISON?



(Couper-Kuhlen & Selting 2018:238-240)





HOW MANY ACTIONS?

Robinson 2020: excluded forms

- Interrogatives not including subject or auxiliary (he go fishing)
- Negatively formatted interrogatives
- Declaratives
- With tag questions
- Non-clausal questions

That's a pretty long list – and some of these are categories

But seems worth studying the specific one in focus!



HOW MANY ACTIONS? DANISH

- From the website requests for confirmation
 - 1. Questions with turn-final *eller* 'or'
 - 2. Eller hvad 'or what'
 - 3. Hva-initial interrogatives ('what')
 - 4. Hvar'huh'
 - 5. *Ikk* 'not' including varieties
- Besides the formats "interrogative" and "declarative" broadly (Heinemann 2010)
- It's one "action family" is it randomly organized?



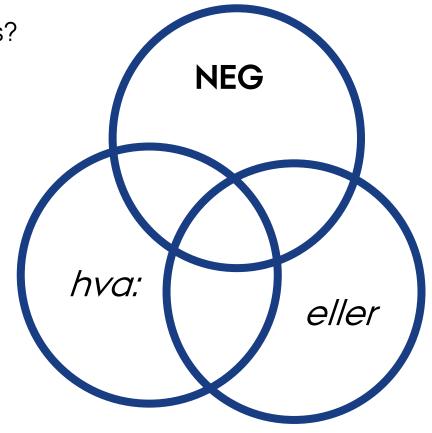
HOW MANY ACTIONS?

Can we translate that into some variables? Is action/stance compositional?

"Parameters"?

- ± initial *hva:*
- ± polarity
- ± final *eller*

$$[2x2x2=8]$$





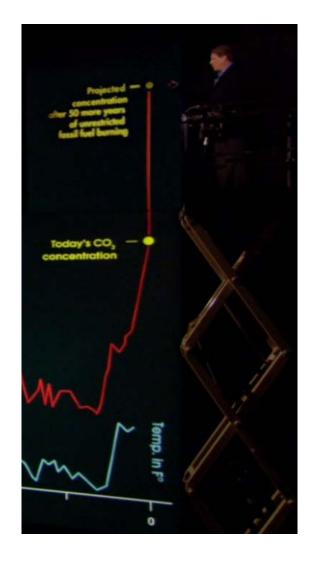
WHAT'S IN AN ACTION

But wait! There's more.

Do all the possible combinations do different things? If yes – what difference? If not – why does it differ?

"Parameters"?

- ± initial *hva:*
- ± polarity
- ± final *eller*
- +one of an unknown amount of intonation contours
- Interrogative/declarative/phrasal (if not other!)
- If clausal: Tense?
- If declarative: What's in the front field?







COMPOSITIONALITY OF ACTION

Fox & Heinemann 2016: "formats" as host of various recurrent practices

How to unpack this?

E.g. action + stance Confirmation + affiliation = rising *ja*

Ogden 2010 with constructions Levels: lexis, phonetics, action, sequence A-Complaint: [COMPLAIN ABOUT THIRD PARTY] \cup [SEEK AFFILIATION] X-Complaint: [COMPLAIN ABOUT THIRD PARTY] \cup [CLOSE SEQUENCE]

Table 6. Sketches of partial constructions to account for A- and X-complaints

CLOSE SEQUENCE			
PHON	f0: low in speaker's range; lower than preceding turns; no wide span		
	setting: relatively quiet; lax		
LEX	{idiomatic expression, lexical recycling}		
ACTION	close sequence		
SEEK AFFILIATION	N		
PHON	f0: sustained above speaker's average; lower than preceding turns; wide span		
	setting: relatively loud; lax		
SEQ	place where affiliation is relevant: {first assessment; story		
	completion}		
ACTION	make affiliative response relevant		
COMPLAIN ABOU	T THIRD PARTY		
PHON			
LEX	{negative assessment}		
ACTION	complain about (non-present) third party		





WHAT'S IN AN INTERROGATIVE?

Is there some feature shared between interrogatives used for different (types of) actions? "One parameter"

D		£	 	mation
KD C	прет	TOL	CODTIFF	nation
	uest			

Interrogative

Declarative

Phrasal

Request for action

Interrogative

Declarative

Phrasal

Imperative

If not - how are they both interrogative?





WHAT'S IN AN INTERROGATIVE?

Is there some feature shared between interrogatives used for different (types of) actions?

Request for confirmation

Interrogative

Declarative

Phrasal

Request for action

Interrogative

Declarative

Phrasal

Imperative

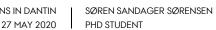
/-

entitle m

Poisternic status

If not - how are they both interrogative?







WHAT'S IN AN INTERROGATIVE?

Is there some feature shared between interrogatives used for different (types of) actions?

Request for confirmation

Interrogative

Declarative

Phrasai

Request for action

Interrogative

Declarative

Phrasal

Imperative



Any reason why it could not be "asymmetrical"? But then why would we use the same words?

If not - how are they both interrogative?





TABLE 1. Distribution of forms.

The opposite:

Why interrogatives for X?
Why are "interrogatives" word order phenomena?
Why do we call them
"interrogatives" in CA?

Declaratives		98	56%
declaratives of trouble	52		
need/want-declaratives	46		
need-declaratives	39		
need + NP (19)			
need + resultative (12)			
need + gerund(5)			
unclear (3)			
want-declaratives	7		
Interrogatives		35	20%
can-interrogatives	23		
self-oriented (4)			
other-oriented (16)			
object-oriented (2)			
mixed (1)			
be-interrogatives	10		
other interrogatives	2		
Complex clauses		42	24%
wonder-clauses	24		
want to-clauses	6		
don't know-clauses	8		
other	4		

FORMALISATION?

Reber & Couper-Kuhlen 2010 – takes the whole turn as one unit Is this a format? Is there more to an "action" than putting an action term in the right place?

'Extra hohes und spitzes' <i>oh</i> (Reber 2008)					
Segmentale Substanz		[eu]			
Obligatorische prosodische Eigenschaften	Dauer	gelängt			
	Tonhöhen- niveau	sehr hoch			
	Tonhöhen- bewegung	steigend-fallend: beginnt hoch, steigt zu einem Gipfel im oberen Bereich des Stimmumfangs und fällt in den mittleren Bereich			
	Rhythmische Integration	auf den nächsten Schlag			
	Artikulatorische Stärke	stark			

Lautobjekt					
Segmentale Substanz					
Prosodische Merkmale	Dauer				
	Tonhöhenniveau				
	Tonhöhenbewegung				
	Lautstärke				
	Rhythmische Integration				
	Artikulatorische Stärke				
	Phonation				
	Auslaut				
Visuelle-räumliche Merkmale					
Sequenzielle Pl					
Sequenz-organ					
Interaktionale F					
Turnexpansion bzw. Sprecherwechsel					

Tab. 5: ,Extra hohes und spitzes' oh (Reber 2008)

Tab. 9: Schema für die Analyse von Lautgestalten

WHAT TO CALL OUR UNITS?

"Format"

"Construction"

"Gestalt"

"Expressions and phenomena" ("sound objects")

What's the difference?

How to show it methodically?

If there's none - then why call it anything?





OTHER FUNCTIONS

> Turn-taking

Formats and the 'shape' of actions is of course used to project their completion etc.

> Reference

Many NPs 'refer' to things – as part of some other action – assuming appropriate recognition But requests for recognition can be seen as reference achieved through action

> Sequence?

Or it just categories of action?

Intertwined like morphology and syntax





'CONDITIONS' OF FEATURES

Prosody:

- Intonation will always be there for voiced segments
- It is gradient
- It is (often) also related to stress and syllables

Why is prosody used for those functions that it is? Stance etc. also marked with interrogatives, particles...

What would such 'condition' (or affordances?) be for other levels? Lexis, syntax?





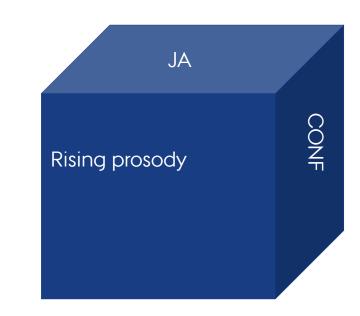
MY PROJECT

Potentially compositional actually

Mm + falling intonation/other prosodic features + context:story = ordinary continuer OR

continuer+slight fall+stance => has to be *mm* etc...

affiliation =







Is prosody tied to action?

Table 1	ja	nej	nå	okay	mm
Continuer	+	+	+	+	+
Receipt	+	+	+	+	+
Confirmation (epistemic)	+	+	-	-	+
Disconfirma- tion	- (jo)	+	-	-	- (possible [mʔ])
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Response in summons-an-swer sequence	+	-	-	-	+ (?)
Transitional	+	- (?)	+	+	- (?)
Assessment	+	+	-	-	+





Is prosody tied to action?

Clear rise on confirmation & disconfirmation

Contrast (to level) within action family

(Sørensen something)

Table 1	ja	nej	nå	okay	mm
Continuer	+	+	+	+	+
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Is prosody tied to action?

Distinction between action (Steensig et al. 2013)

Table 1	ja	nej	nå	okay	mm
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Is prosody tied to action?

Known cases of rising intonatic

Not same function >phonological inventory

But is it even same form? (various steepness of rises)

Word-specific phonology?

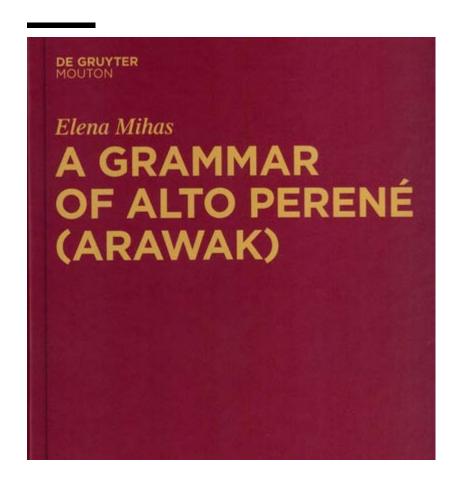
Or the prosodic varieties as independent lexemes

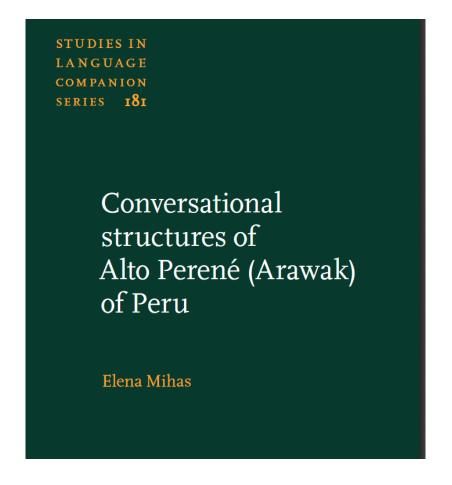
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Response in summons-an-swer sequence	+	-	-	-	+ (?)
Transitional	+	- (?)	+	+	- (?)
Assessment	+	+	-	-	+





WHAT IS AN INTERACTIONAL GRAMMAR?





Separate grammar and work on conversation?

I haven't read these but I would like to look at them (but the reviews are critical)





TAKE-AWAYS

- The question is not "is it a function"
- The question could be: How do we want to capture this - with the word "function"?
- Think about big questions what does an answer look like in data?
- What is the point/necessity of various levels?
- And the relation to "traditional" terms



How are the linguistic material structured around doing certain actions?







The roughest message you might pick out of what I shall say is that in dealing analytically with conversations, you must be at least cautious in the use of what you've been taught about grammar.

- SACKS (1992: 334)





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