How to void a phase Anti-intervention effects with clitic doubling in Dutch dialects

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MAIN THEORETICAL CLAIMS

- Phases are not absolute ('once a phase always a phase')
- The phasehood of Fin^o can be voided if it acquires unvalued features during the derivation

CENTRAL DATA

- · Subject clitic doubling with coordinations in Dutch dialects
- Anti-intervention effects with object clitics

OUTLINE OF THE TALK

- 1. Data
- 2. Theoretical background: two types of doubling
- 2.1. A classification of dialect Dutch subject pronouns
- 2.2. Doubling as movement: the big-DP analysis
- 2.3. Doubling as agreement: doubling with coordinated subjects
- 3. Analysis
- 3.1. Core of the analysis
- 3.2. Doubling via agreement: anti-intervention
- 3.3. Doubling via movement: no anti-intervention
- 4. Comp-agreement vs. clitic doubling
- 5. Conclusion

1. DATA

Basic pattern of subject clitic doubling:

(1) complementizer finite verb	subject ₁	subject ₂
(mile tell)	clitic	'strong pronoun *coordination *DP

strong pronoun

(2) da **se zaai** ie gisteren niet geweest is. that she_{clific} she_{strong} here yesterday not been is 'that she wasn't here yesterday'

[Wambeek Dutch]

coordination (I): pronoun & pronoun

(3) * da ze [aai en zaai] da suimen wel kunn oplossen. that they clitic he strong and she strong that together PRT can out.come INTENDED: 'that he and she can solve that together.'

[Wambeek Dutch]

coordination (II): DP & pronoun

(4) * da ze [den burremiester en aai] da suimen gonj duun. that they clinic the mayor and he that together will do INTENDED: 'that the mayor and he will do that together.'

[Wambeek Dutch]

coordination (III): pronoun & DP

(5) * da ze [aai en den burremiester] da suimen gonj duun. that they clitic he and the mayor that together will do INTENDED: 'that he and the mayor will do that together.'

[Wambeek Dutch]

coordination (IV): DP & DP

(6) * da ze [den burremiester en de pastoer] da suimen gonj duun. that they clitic the mayor and the priest that together will do INTENDED: 'that the mayor and the priest will do that together.'

[Wambeek Dutch]

DP

(7) * da ze de kinnerjn da suimen gonj duun. that they_{clitic} the children that together will do INTENDED: 'that the children will do that together.'

[Wambeek Dutch]

Anti-intervention with object clitics:

(8)	[complementizer] finite verb	subject ₁	object	subject ₂
		clitic	clitic	'strong pronoun 'coordination with a pronominal conjunct *coordination w/o a pronominal conjunct *DP

strong pronoun

(9) da **se t zaai** nie geduin eit. that she_{clitic} it_{clitic} she_{strong} not done has 'that she hasn't done it.'

[Wambeek Dutch]

coordination (I): pronoun & pronoun

(10) da **ze t [aai en zaai]** suimen wel kunn oplossen. that they_{clitic} it_{clitic} he_{strong} and she_{strong} together PRT can out.come 'that he and she can solve it together.'

[Wambeek Dutch]

coordination (II): DP & pronoun

(11) da **ze t** [**den burremiester en aai**] suimen gonj duun. that they_{clinic} it _{clinic} the mayor and he together will do 'that the mayor and he will do it together.'

[Wambeek Dutch]

coordination (III): pronoun & DP

(12) da **ze t** [**aai en den burremiester**] suimen gonj duun. that they_{elitic} it_{elitic} he and the mayor together will do 'that he and the mayor will do it together.'

[Wambeek Dutch]

coordination (IV): DP & DP

(13) *da **ze t** [**den burremiester en de pastoer**] suimen gonj duun. that they_{clisic} it_{clisic} the mayor and the priest together will do INTENDED: 'that the mayor and the priest will do it together.'

[Wambeek Dutch]

DP

(14) *da **ze t de kinnerjn** suimen gonj duun. that they_{clisic} it_{clisic} the children together will do INTENDED: 'that the children will do that together.'

[Wambeek Dutch]

2 THEORETICAL BACKGROUND: TWO TYPES OF DOUBLING

2.1 A classification of dialect Dutch subject pronouns

Déchaine & Wiltschko (2002): a three-way split in the typology of pronouns:

Tests to determine the categorial status of a pronoun:

test		pro-DP	pro- φ P	pro-NP
1	Condition C	+	-	-
2	Bound variable			
a	simple QP	-	+	-
b	sloppy identity under ellipsis	-	+	-
3	argument	+	+	-

Van Craenenbroeck & Van Koppen (2008): based on these (and similar) tests it can be shown that while subject clitics in Dutch dialects are φPs, strong and clitic doubled pronouns are DPs:

example: sloppy identity under ellipsis

- (19) Marie paust da **zaai** gui winnen, en Julia oek.

 Mary thinks that **she**_{strong} goes win, and Julia also

 = λx [x thinks that Mary will win] & λy [y thinks that Marie will win]

 ≠ λx [x thinks that x will win] & λy [y thinks that y will win]

 * [sloppy]
- (20) Marie paust da **ze zaai** gui winnen, en Julia oek.

 Mary thinks that **she**_{elitie} **she**_{strong} goes win, and Julia also

 = λx [x thinks that Mary will win] & λy [y thinks that Mary will win]

 ≠ λx [x thinks that x will win] & λy [y thinks that y will win]

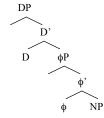
 * [sloppy]

2.2 Doubling as movement: the big-DP analysis

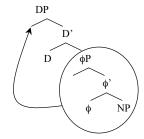
note: if subject clitic = ϕP and strong pronoun = DP, then a subject clitic is a structural subset of a strong pronoun

big DP-analysis of pronominal doubling: the doubled and the doubling element are initially merged together in one complex 'big DP', which is split up—usually by movement—at a later point in the derivation (cf. Uriagereka 1995, Laenzlinger 1998, Grohmann 2000, Van Craenenbroeck & Van Koppen 2002, Belletti 2005, Poletto 2006, Taraldsen 2006; cf. also Kayne 2002)

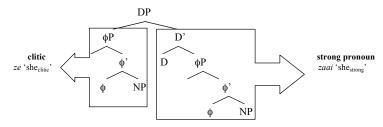
(21) structure of strong subject pronouns



(22) structure of a clitic doubled subject (STEP ONE: MOVEMENT)



(23) structure of a clitic doubled subject (STEP TWO: DOUBLE SPELL-OUT)



2.3 Doubling as agreement: doubling with coordinated subjects

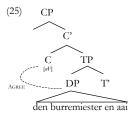
problem: the big DP-analysis of clitic doubling cannot account for doubling of coordinations:

(24) da **ze t [den burremiester en aai]** suimen gonj duun. that they_{clitic} it_{clitic} the mayor and he together will do 'that the mayor and he will do it together.'

[Wambeek Dutch]

→ given that the NP-portion of den burremiester en aai 'the mayor and he' contains (a coordination with) lexical material, it cannot be spelled out as the clitic ze 'she'

proposal: this type of doubling is the result of an Agree-relation between (unvalued features of) a C-head and the subject



note: this C-head must be distinct from the one triggering comp-agreement:

(26) Iedere vint peist da-n de burgemeester en ie da t'hope moetn uplosn. every man thinks that-PL the mayor and he that together must solve 'Every man thinks the mayor and he should solve that together.'

[Blankenberge Dutch]

→ we return to the distinction between comp-agreement and agreement-driven clitic doubling in section four

technical implementation of the analysis: the Agree-relation in 25) is triggered by the feature [C(ontext)-D(ependent)], which signals that pronouns "must be assigned a value by the context-determined assignment function" (Bianchi 2005:8) → only pronouns (or coordinations containing at least one pronoun) can be doubled

supporting evidence: Bianchi (2005): bound variable pronouns do not carry a [C-D]-feature → clitic doubling with coordinations is not allowed with bound variables:

(27) Elke man; paust da ze t aais, en zaai suimen muutn oplossen. every man thinks that they eline it eline he and she together must solve 'Every man thinks he and she should solve that together.'

[Wambeek Dutch]

(28) Elke man; paust da aai; en zaai da suimen muutn oplossen. every man thinks that he and she that together must solve 'Every man thinks he and she should solve that together.'

[Wambeek Dutch]

3. Analysis

3.1 Core of the analysis

3.1.1 Two properties of object clitics

(i) object clitics are disallowed in non-finite contexts

subject infinitives

[Wambeek Dutch]

root infinitives

(30) En gou <*'n/ em > helpen zeker? and you <him_{cliic} / him_{weak}> help-INF surely 'And you're gonna help him, I suppose?'

[Wambeek Dutch]

ECM-clauses

(31) 'K em goed da-ge <'n/* em > gou <*'n/ em >
I have heard that-you_{clitic} <him_{clitic} / him_{weak}> you_{strong} <him_{clitic} / him_{weak}>
Marie <*'n/em> uin de kinjern etj zien introduseern.

Mary <him_{clitic} / him_{weak}> to the children have see introduce
'I have heard that you saw Mary introduce him to the children.'

[Wambeek Dutch]

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infinitival clauses with a complementizer

(32) Z' ei geprobeed om <**n/ em > t' elpen. she has tried to <him_{clitic} / him_{weak}> to help 'She has tried to help him.'

[Wambeek Dutch]

implementation: object clitics carry an unvalued [Fin]-feature that needs to be valued by (matching features on) a finite Fin-head

- (ii) object clitics move in narrow syntax to a position in the left periphery
- → object clitics surface in a very specific left-peripheral position (Van Craenenbroeck & Van Koppen 2002; Van Craenenbroeck & Haegeman 2007)
- (33) da ge (n) gou (*n) gezien etj. that you_{clisic} him_{clisic} you_{strong} him_{clisic} seen have 'that you have seen him.'

[Wambeek Dutch]

- → object clitics feed Condition C (Van Craenenbroeck & Van Koppen 2002; Van Craenenbroeck & Haegeman 2007):
- $(34) \ \ a. \ \ dan-t_{i/i'j} \ \ den \ \ aigeneir \ \ van \ \ 't \ \ \ \ lemmeken_j \ \ zelf \ \ ei \ \ \ muutn \ \ \ doewtuun.$ $that-it_{clitic} \ the \ \ owner \ \ of \ \ the \ \ lamb \ \ \ self \ \ has \ \ have.to \ \ kill$ $'that \ the \ owner \ \ of \ the \ \ lamb \ \ has \ had \ to \ kill \ it \ (not \ the \ lamb) \ himself.'$
 - b. da den aigeneir van 't lemmeken, et $_{i,j}$ zelf ei muutn doewtuun. that the owner of the lamb it $_{weak}$ self has have.to kill 'that the owner of the lamb has had to kill it (not the lamb) himself.'

[Wambeek Dutch]

implementation: object clitics move in narrow syntax to a position in the left periphery, i.e. they target the [iFin]-feature on Fin°

3.1.2 No unvalued features on phase heads

Richards (2007): Feature Inheritance is the optimal way of reconciling two at first sight conflicting premises:

Premise 1 Value and Transfer of *u*F must happen together.

Premise 2 The edge and non-edge (complement) of a phase are transferred separately.

Conclusion uF must spread from edge to non-edge (i.e. from C to T, v* to V, etc.).

in other words:

- Feature Inheritance is motivated by the fact that the *u*F of a phase head must be valued and transferred at the same time.
- This requirement is met when the non-phase head of its complement inherits its uF.

consequence: a head that acquires *u*F in the course of the derivation cannot be (or is no longer) a phase head

7/14

3.1.3 Movement of the object clitic voids the phasehood of Fin

conclusion from section 3.1.1: object clitics have a [uFin]-feature and move to Fin^o in narrow syntax

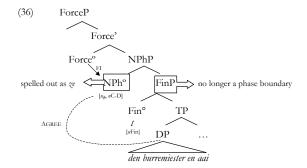
conclusion from section 3.1.2: heads that carry unvalued features during the derivation are not phase heads

consequence: object clitic movement to Finº voids the phasehood of FinP (on FinP as a phase, see Branigan 2005, López 2009). In other words, in clauses that contain an object clitic, FinP ceases to be a phase.

3.2 Doubling via agreement: anti-intervention

(35) da **ze t** [**den burremiester en aai**] suimen gonj duun. that they_{clinic} it _{clinic} the mayor and he together will do 'that the mayor and he will do it together.'

[Wambeek Dutch]

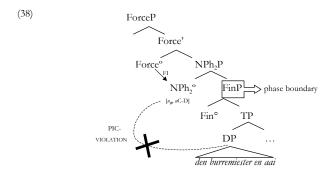


main ingredients of the analysis:

- the unvalued features of (the higher phase head) Force° are inherited by a lower non-phase head NPh°
- movement of the object clitic to Fino voids the phasehood of FinP
- because FinP is no longer a phase, NPh° can probe the subject in specTP and value its phiand [C-D]-features
- this valued feature bundle is spelled out as the subject clitic ze 'they'
- (37) * da ze [den burremiester en aai] da suimen gonj duun. that they elinic the mayor and he that together will do INTENDED: 'that the mayor and he will do that together.'

[Wambeek Dutch]

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main ingredients of the analysis:

- the unvalued features of (the higher phase head) Force° are inherited by a lower non-phase head NPh°
- there is no object clitic movement to Fin^o, so FinP remains a phase boundary
- because FinP is a phase, NPh° cannot probe the subject in specTP (PIC-violation)
- lack of Agree does not lead to a crashing derivation (Preminger 2011), but to a default (in this
 case: null) spell-out of the Probe

3.3 Doubling via movement: no anti-intervention

3.3.1 The basic cases

(39) da **se t zaai** nie geduin eit. that she_{clitic} it_{clitic} she_{strong} not done has 'that she hasn't done it'

[Wambeek Dutch]

Force?

Force

NPh

NPh

Fin

Fin

TP

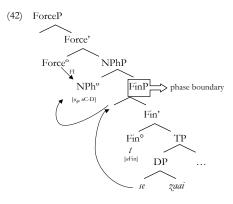
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[afin] DP ...

main ingredients of the analysis:

- the unvalued features of (the higher phase head) Force° are inherited by a lower non-phase head NPh°
- movement of the object clitic to Fino voids the phasehood of FinP
- because FinP is no longer a phase, the subject clitic can move to specNPhP without any intermediate stopovers
- (41) da **se zaai** ie gisteren niet geweest is. that she_{clitic} she_{strong} here yesterday not been is 'that she wasn't here yesterday'

[Wambeek Dutch]



main ingredients of the analysis:

- the unvalued features of (the higher phase head) Force° are inherited by a lower non-phase head NPh°
- there is no object clitic movement to Fino, so FinP remains a phase boundary
- because FinP is a phase, movement of the clitic needs to make a stopover in the phase edge specFinP

3.3.2 First conjunct clitic doubling

Van Craenenbroeck & Van Koppen (2008): there is a second case of doubling via movement, i.e. first conjunct clitic doubling

(43) Ik venj da **se t** [**zaailn en gaailn**] suimen moetj oplossen.

I find that they_{clisic} object_{clisic} they and you_{pl} together must_{2pl} solve
'I think they and you should solve it together.'

[Wambeek Dutch]

→ the clitic se 'they' subextracts from the first conjunct and moves to a head position inside the CP-domain (see Van Craenenbroeck & Van Koppen 2008 for considerations concerning the subject island and CSC)

prediction: given that first conjunct clitic doubling involves movement, it should not be sensitive to the phasal status of FinP, i.e. there should be no anti-intervention from object clitics:

(44) Ik venj da se [zaailn en gaailn] da suimen moetj oplossen. I find that they clitic they and you that together must 201 solve 'I think they and you should solve that together.'

[Wambeek Dutch]

Comp-agreement vs. clitic doubling

No anti-intervention with comp-agreement

Comp-agreement is not sensitive to intervention of object clitics:

(45) a. Ik vin da-n ie en zie da saom moetn uplosn. I think that-3pt he and she that together must 'I think that he and her should solve that together.'

b. Ik vin da-n t ie en zie saom moetn uplosn I think that-3pt it he and she together must

'I think that he and her should solve that together.'

[Blankenberge Dutch]

The Compagr Probe has different features than Force°: it has phi-features but no [C-D]-feature

(46) k peinzen da-n Pol en Valère Marie kenn-en. that-3pt Pol and Valère Marie know-nt 'I think that Pol and Valère know Marie.'

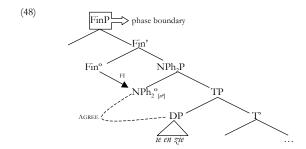
(West Flemish)

Proposal: the Compagr Probe is Fin°.

4.2 Analysis

(47) Ik vin da-n ie en zie da saom moetn uplosn. I think that-3PL he and she that together must 'I think that he and her should solve that together.'

[Blankenberge Dutch]

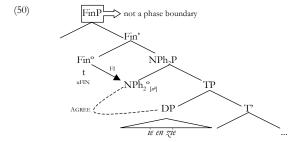


11/14

Object movement does not have an effect on the Compagr-Probe (Fin°)

Ik vin da-n t ie en zie saom moetn uplosn I think that-3pt it he and she together must 'I think that he and her should solve that together.'

[Blankenberge Dutch]



5 Conclusion

5.1 Summary

Data

(51)	Type of subject DP	no object clitic	object clitic
	pronoun	✓	✓
	coordination with a pronominal conjunct	*	✓
	coordination with no pronominal conjunct	*	*
	non-pronominal DP	*	*

Analysis

- Two types of subject doubling:
 - Doubling via movement: clitic is part of pronominal subject DP (Big DP) and moves into the CP-domain
 - Doubling via Agree: clitic spells out phi-features of Force, Force agrees with
- Object clitic intervention:
 - The CP-domain has two phi-feature probes: Force° and Fin°.
 - Fin° is phase and intervenes between Force° and the subject
 - Object clitic moves to Fin° and voids the phasehood of Fin°
 - Force° can probe the subject

(52) Type of doubling

Type of subject DP	FinP is a phase (no object clitic)	FinP is not a phase (object clitic)
Pronoun	Doubling via movement	Doubling via movement <i>or</i> Doubling via Agree
coordination pronominal conjunct (First Conjunct)	Doubling via movement	Doubling via Movement or Doubling via Agree
coordination with a pronominal conjunct (Full)	*	Doubling via Agree
coordination with no pronominal conjunct	*	*
non-pronominal DP	*	*

5.2 Question for further research

1. Not all dialects have an ameliorating effect of object clitic intervention:

(53)	*	'k	peis	dame	't	zij	en	ekik	wel	samen	aan kunn.		
		Ι	think	that-we	it	they	and	I	part	together	solve	D. 11	

[Nieuwkerken Waas Dutch]

- Possible explanations for dialects of this type:
 - subject clitics do not move in syntax but at PF (Van Craenenbroeck & Haegeman 2007:173, note 8)
 - object clitics are not sensitive to finiteness and hence have no [uFin]-feature
- 2. How does our view on phases relate to existing accounts?

Bošković (to appear: 3): "X, which works as a phase, ceases to work as a phase when another phrase Y is added on top of X in the extended projection of the same lexical category (with X being the highest projection in this domain when Y is absent)."

Den Dikken (2007:1, example (3)): "Phase Extension: syntactic movement of the head H of a phase α up to the head X of the node β dominating α extends the phase up from α to β ; α loses its phasehood in the process, and any constituent on the edge of α ends up in the domain of the derived phase β as a result of Phase Extension."

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