

The North-South Romance Continuum: Parameters of Variation in the Clausal Domain

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1. Introduction

- Long tradition in Italian dialectology for geographical classifications
- Dante's Apennine west-east divide: 14 *vulgaria*
- Standard classifications today:¹
 - i) North-South axis (excludes Sardinia: Bossong 2016:65; Mensching & Remberger 2016:270)
 - ii) 3 broad linguistic areas (with internal subdivisions) ⇒ geographic continuum
 - (1) North (cf. Benincà, Parry & Pescarini 2016): Gallo-Italic vs Venetan northern dialects...
 - (2) Centre (cf. Loporcaro & Paciaroni 2016): Tuscan vs non-Tuscan central dialects...
 - (3) South (cf. Ledgeway 2016a): upper vs extreme southern dialects...
 - iii) (Partial) coincidence with early administrative, political and cultural divisions and, in part, distribution of ancient peoples and their substrate languages (Ascoli 1882; Merlo 1924)
 - iv) Principal isoglosses (Rohlf's [1972]1977; Savoia 1997):
 - La Spezia–Rimini Line (Carrara–Fano) ⇒
 - i) bundle of phonetic and lexical isoglosses
 - ii) delineates northern dialects from dialects of centre-south
 - Rome–Ancona Line ⇒
 - i) loose bundle of phonetic, lexical and some morphological isoglosses
 - ii) roughly delineates central dialects from southern dialects
- Romance areal-based classifications (for centre-periphery cf. Bartoli 1929; 1933)
 - West-East axis (Wartburg 1950): based on La Spezia–Rimini Line (cf. also Malkiel 1991)
 - North-South axis (La Fauci 1988; 1991; 1997; 1998; Zamboni 1998; 2000; Ledgeway 2012:ch.7)²
 - (i) Northern Romània:
 - Gallia transalpina* (northern Gallia: *langue d'oïl*, southern Gallia: *langue d'oc*)
 - Gallia cisalpina* (NIDs),
 - Raetia* (Raeto-Romance varieties)
 - (ii) Southern Romània:
 - central-southern Italy (C/SIDs)
 - Sardinia (Campidanese, Loguodoresse, Nuorese)
 - Iberia (Galician, Portuguese, Spanish, Catalan)
 - Istria/Illyria (Dalmatian)
 - Dacia (Romanian, Istro-Romanian, Aromanian, Megleno-Romanian)

¹ Cf. Pellegrini (1975), Bruni (1987:290f.), Cortelazzo (1988), Maiden (1995:233-48), Loporcaro (2009).

² See also Cremona (1970), and Green (2006) for evidence of a Romance north-south axis.

(iii) Active-Stative (A/S_A vs O/S_O) vs Nom-Acc (A/S_{A/O} vs O) alignmentsTable 1: North-South Continuum \Rightarrow Active-Stative vs Nominative-Accusative syntax

Northern Romània (A/S _A vs O/S _O)	Southern Romània (A/S _{A/O} vs O)
Prolonged retention of V2 syntax	Early loss of V2 syntax
Subject (A/S) marking (SCLs, generalized preverbal position)	O(bject) marking (DOM, clitic doubling)
Prolonged retention of binary case system	Early loss of binary case system
HABERE/*ESSERE alternation of perfective auxiliaries	Generalisation of single perfective auxiliary (HABERE or *ESSERE)
Retention of participle agreement	Loss of participle agreement
Loss of preterit	Retention of preterit

• Aims of talk:

- i) Review some morphosyntactic evidence in support of (Italo-)Romance north-south divide
- ii) Dimensions of (micro)variation in properties of individual functional heads (Ledgeway 2016b)
- iii) Build on insights of the Borer-Chomsky Conjecture (cf. Baker 2008:353):
 - locus of parametric variation in lexicon
 - (PF-)lexicalization of feature values of individual functional heads (Borer 1984; Chomsky 1995)
- iv) Feature values not set in isolation: parameters = interrelated network of implicational relationships
 - value of parameter may entail activation of associated lower-order parametric choices
 - surface effects of associated parameters may become entirely predictable
 - parameter value may rule out and render entirely irrelevant other parameters

• Nominal domain:

- i) Already considerable progress (cf. Comparative Parametric Method)³
- ii) Establish, and model relationships between, important parameters of microvariation

• Clausal domain:

- i) Consider some key examples of representative morphosyntactic divergence between north-south
- ii) Parametric options and featural make-up of core functional heads of clause: C–T– ν

³ See, among others, Guardiano & Longobardi (2005; 2017a,b), Longobardi & Guardiano (2009), Longobardi, Guardiano, Silvestri, Boattini & Ceolin (2013), Guardiano (2014), Guardiano & Stavrou (2014), Ledgeway (2015), Guardiano, Michelioudakis, Ceolin, Irimia, Longobardi, Radkevich, Silvestri and Sitaridou (2016), Longobardi, Ghirotto, Guardiano, Tassi, Benazzo, Ceolin and Barbujani (2015), Longobardi, Ceolin, Ecay, Ghirotto, Guardiano, Irimia, Michelioudakis, Radkevich, Luiselli, Pettener and Barbujani (2016), Guardiano and Michelioudakis (2019).

2. C-domain

- Basic ingredients of V2 constraint (cf. Ledgeway 2007; Holmberg 2015; Wolfe 2018):
 - i) Raising of the finite verb in root clauses to the C position (minimal requirement);
 - ii) Fronting of salient constituent to preverbal operator position for (contrastively / informationally) focalized interpretation (optional);

2.1 V2 Residues

- Notable difference between north and south: availability of head- and phrasal-fronting to C-domain
- Medieval V2 (cf. Benincà 1984; 1994; 2006; 2013; Salvesen 2013; Wolfe 2018; Ledgeway 2021):
 - strict(er) observance of surface V2 linearization in Gallo-Romance
 - robust null vs overt pronominal root-embedded asymmetry in Gallo-Romance
 - prolonged retention of V2 in Gallo-Romance (cf. Table 1), preserved in Ladin⁴

2.1.1 V-to-C Movement

- Stronger V2 constraint of Gallo-Romance visible in availability of V-to-C movement:
 - i) NIDs, esp. northeast, C^o may still probe V (\Rightarrow V-to-C Mvt) under particular marked conditions
 - ii) Overt reflexes of V-to-C Mvt (Poletto & Tortora 2016:779-81):
 - (simple/complex) verb-subject inversion
 - enclisis of object clitics
 - complementary distribution of subjunctive verb forms and complementizers
 - iii) Constrained V-to-C Mvt = synchronic residue of medieval generalized V2 (cf. Rizzi & Roberts 1989; Rizzi 1990)
 - iv) V-to-C Mvt licensed in restricted set of non-veridical polarity contexts tied to specific forces:
- 1 a Ven-lo stasèira teu pari? (Rueglio, Pie.; interrogative; Parry 1997b)
come.PRS.IND.3SG=SCL.2MSG this.evening your father ('Is your father coming this evening?')
 - b Fusse-lo rivà! (Scorzè, CVen.; optative; Poletto 2000)
were=he come.PTCP ('I wish he had come!')
 - c Telefonasse-lo almanco! (Padua; exhortative/jussive; Munaro 2010)
telephone.SBJV.IPFV.3SG=SCL.3MSG at.least ('He should at least ring!')
 - d 'fys-èt ri'va 'primò... (Revere, Lmb.; hypothetical; M&S 2005)
be.SBJV.PST.2SG=SCL.2SG arrive.PTCP before ('If you had arrived sooner...')
 - e Gavesselo anca telefonà,... (Padua; concessive; Munaro 2010)
have.SBJV.IPFV.3SG=SCL.3MSG even telephone.PTCP ('Even if he had rung...')
 - f Sedi-al rivat o no sedi-al
be.SBJV.PRS.3SG=SCL.3MSG arrive.PTCP or not be.SBJV.PRS.3SG=SCL.3MSG
rivat (Clauzetto, Frl.; disjunctive; Poletto 2000)
arrive.PTCP ('Whether he's arrived or not,...')
 - g No ga-lo magnà tuto! (Carmignano di Brenta, CVen.; exclamative)
NEG have.IND.PRS.3SG=SCL.3MSG eat.PTCP all ('He's eaten everything!'; Munaro 2010)
 - h 'fame-me! (Cortemilia, Pie.; imperatival; Manzini & Savoia 2005)
call.IMP.2SG=me ('Call me!')

⁴ See Haiman & Benincà (1992:150), Poletto (2000; 2002), Kaiser (2002), Anderson (2016:179-81), Salvi (2000; 2016a:164-65, 2016b:1009).

- Ability of C to probe V:

- i) Generalized semantically uninterpretable V-feature on C° systematically lost in modern Romance
- ii) V-to-C Mvt exceptionally retained where plays role in interpretation ⇒ semantically interpretable V-feature
- iii) Distribution of semantically-driven V-to-C movement not uniform across Romance:
 - relatively well preserved in Gallo-Romance: (formal) French, north(east)ern Italian dialects⁵
 - different degrees of productivity/attrition outside of Gallo-Romance (cf. Ledgeway 2015:§3.2)
 - ability of C° to probe finite verb in southern dialects highly restricted

Cosentino, southern Calabria

- 2 a **Ca** venanu?
that come.PRS.IND.3PL ('Are they coming?')
- b **Ca** su bbieddri!
that be.PRS.IND.3PL handsome ('How beautiful they are!')
- c **Chi** vò scattà!
that want.PRS.IND.2SG burst.INF ('May you keel over!')
- d Mannamillu!
send.IMP.2SG=me=it ('Send me it!')

2.1.2 Operator Movement to SpecCP

- EPP-style edge feature on C ⇒ focus-fronting:

- i) NIDs: impossible (but cf. Paoli 2010), with exception of partial questions (including apparent *wh-in situ* questions; Munaro 1998; Munaro, Poletto and Pollock 2001; Munaro and Poletto 2002; De Cia 2019; but see also Bonan 2019), presumably licensed by Q[F] on C°;
- ii) SIDs: highly productive (cf. Cruschina 2006; 2010; 2012; Ledgeway 2009a:784-90; Cruschina, Ledgeway and Remberger 2019:29f)

- 3 a **Wè** Mari, ca **TOND GIAÒV'N** nan sì! (Matera; contrastive)
look Maria that so young NEG be.PRS.IND.2SG
'Hey Maria, you're not SO YOUNG yourself!'
- b **'O pate** songh' io! (Nap.; informational)
the father be.PRS.IND.1SG I
'I'm **the daddy!**'
- c **Nu càvuciu a ru culu** ti dugnu! (Cosenza; mirative)
a kick to the arse you= give.PRS.IND.1SG
'I'll give you **a kick up the arse!**'
- d **Caccose** s' a scurdate. (Chieti; quantified expressions)
something self= have.PRS.IND.3SG forget
'He's forgotten **something.**'

⁵ Cf. Poletto (2000:chs 3,5), Munaro (2004; 2010), Manzini & Savoia (2005,I:384-87), Benincà, Parry & Pescarini (2016:200).

2.2 V2 Residues in North and South

• Conclusion:

- i) medieval Romance V2: simultaneous overt PF-satisfaction of \Rightarrow
 - head requirement: generalized V-raising triggered by semantically uninterpretable V[F] on C°
 - associated edge requirement: focus-fronting to SpecCP triggered by EPP feature
- ii) 2 fundamental reflexes of original V2 syntax stand in complementary distribution: north vs south
- iii) C-related requirements: subject to reanalysis and redistribution in modern Italo-Romance:
 - NIDs:
 - V-to-C Mvt = semantically interpretable V-feature on C° (non-veridical polarity values)
 - loss of associated EPP-style edge feature on C° (SpecCP hosts null operator)
 - SIDs:
 - V-to-C Mvt all but lost (cf. imperatives; Rivero 1994; Graffi 1996; Zanuttini 1997)
 - EPP feature on C° no longer generalized, but restricted to particular marked focal interpretations
- iv) North-South: complementary distribution of head and edge probing features on C°

3. T-Domain

3.1 V-Movement

- Ability of T° to probe V (Ledgeway 2009b; Ledgeway & Lombardi 2005:103-06; 2014; Schifano 2015; 2018)

i) NIDs: finite V probed by T° (4a-b)

ii) SIDS: finite V not probed by T°, but remains in ν -VP: (Cl +) Adv +V (5-6)

- 4 a La sua miè la **cuzina** aposta el risot. (MI)
the his wife SCL.FSG cook.IND.PRS.3SG deliberately the risotto
- b La sua miè la **cuzina** minga el risot. (MI)
the his wife SCL.FSG cook.IND.PRS.3SG NEG the risotto
'His wife deliberately cooks/doesn't cook the risotto.'
- 5 a Sa mujjeri mancu i **cucina**, i vrùcculi. (Mussomeli, CT)
his wife NEG them= cook.IND.PRS.3SG the broccoli ('His wife doesn't cook broccoli.')
- b A carusa già **cammina**. (Mussomeli, CT)
the girl already walk.IND.PRS.3SG ('The girl is already walking.')
- c U picciluddru **dormi** ancora/sempe/bbonu (Mussomeli, CT)
the child sleep.IND.PRS.3SG still/always/well ('The child still/always sleeps well.')
- 6 a Chiru forse/mancu **vena** ccu nua. (Cosenza)
that.one perhaps/NEG come.PRS.3SG with us ('He's perhaps coming/isn't coming with us.')
- b Iddu mi ggià/ancora/sempe **chiamava**. (Cosenza)
he me=already/still/always call.IND.PST.3SG ('He already/still/always called me.')
- c U picciliddu **durmia** bbuonu. (Cosenza)
the boy sleep.IND.PST.3SG well ('The child was sleeping well.')

- (Near) Absence of V-to-C Mvt in SIDs (cf. 2a-d)
 - i) Finite verb in *v*-VP: not available for T-to-C Mvt (cf. inversion in history of English; Biberauer & Roberts 2012; 2017)
 - ii) V-to-C Mvt with imperatives: T-domain missing (Graffi 1996; Zanuttini 1997; Ledgeway 2019a)

3.2 Postverbal Negation: Jespersen’s Stages II-III

- Negation in Italian dialects (Zanuttini 1997; Parry 1997a; 2013; Manzini & Savoia 2005,III:127-55; Poletto 2008; 2016a,b; Garzonio & Poletto 2009; 2018)
 - (i) Preverbal / Stage I: CIDs/SIDs, north-eastern dialects, Ligurian, eastern Romansh, Cat., EuPt, Sp, Ro. (7a)
 - (ii) Discontinuous / Stage II: many NIDs, standard French, Gascon (7b)
 - (iii) Postverbal / Stage III: many north-western Italian dialects, western/central Romansh, spoken French, Occitan, Aragonese, northern Catalan dialects (7c)

- 7 a **Un** duarmu. (Cosenza)
 NEG sleep.1SG
- b A **n** dorum **briza.** (Modena)
 SCL NEG sleep.1SG NEG
- c Dürmirai **nen.** (Pie.)
 sleep.FUT.1SG NEG
 ‘I don’t/won’t sleep.’

- Linking postverbal negators and verb movement (cf. Ledgeway & Schifano in press; in prep.):
 - i) Preverbal negators (Stage I): varieties low or high V-Mvt
 - ii) Non-emphatic postverbal negators (Stages II-III): varieties with clause-medial/high V-Mvt

Table 2: Verb-movement and negation typologies (from Ledgeway & Schifano in press)

Negation \ Verb-movement	Stage I	Stages II-III
High	Romanian ₂	French, Occitan, Gascon
Clause-medial	northern regional Italian, NIDs (e.g. Teolese)	(northern regional Italian), NIDs (e.g. Milanese)
Low	European Portuguese, southern regional Italian, SIDs, Romanian ₁	*
Very low	Spanish, Valencian	*

8 If a variety is at Stages II-III, it necessarily exhibits clause-medial or high verb-movement

- Conclusion: postverbal negator licensed by V-raising through its associated head

3.3 Subject Clitics

- Distribution of subject clitics (cf. Poletto 2000; Manzini & Savoia 2005,I; Poletto & Tortora 2016):
 - North (& northern Tuscany): attested everywhere
 - South: absent

- Related to T movement? Strong/weak D-feature (= phi-features) on T

- Subject clitics and null subject parameter: a typology (Roberts 2010; cf. also D'Alessandro in press:§19.5.1.1)

- 9 a scl [+agr] V [+agr] – a ‘fully redundant’, null-subject system ⇒ Florentine
 b scl [+agr] V [–agr] – a non-null-subject system ⇒ French
 c scl [–agr] V [+agr] – a null-subject system ⇒ Comasco
 d scl [–agr] V [–agr] – (usually) a complementary system ⇒ Carrara

Table 3: Subject clitics and null subject parameter (Roberts 2010)

	Florentine	French	Comasco	Carrara	Cosenza	Naples
1SG	(e) dormo	je dors	dorm-i	a dɔrmə	duormu	dormə
2SG	tu dormii	tu dors	ta dorm-at	t dɔrmə	duormi	duormə
3SG	e/la dorme	il/elle dort	al/la dorm-a	i/al dɔrmə	dorma	dormə
1PL	si dorme	nous dormons	dormu-um	a durm-iŋ	durmimu	durmimmə
2PL	vu dormite	vous dormez	dorm-uf	durm-it	durmiti	durmitə
3PL	e/le dormano	ils/elles dorment	dorm-an	i/al dɔrmənə	dormanu	dormənə

- Conclusion: (i) T-head in NIDs carries strong V and D features
 (ii) T-head in SIDs carries weak V and D features

3.4 Active-Static Auxiliary Selection

- Perfective auxiliary selection (cf. Manzini & Savoia 2005,II-III; Ledgeway 2012:ch. 7; 2019b):
 - North: active-static split: A/S_A (⇒ HAVE) vs S_O (⇒ BE)

- 10 a i' **eu** drimì / a **suma** partii. (Cairo Montenotte, SV; cf. Parry 2005)
 SCL I have slept SCL we.are left
 ‘I have slept / we have left’

- South: generalization of single auxiliary (11a-b) or person split (11c):

- 11 a **Avianu** manciatu / nisciutu. (Sic.)
 they.had eaten gone.out
 ‘They had eaten/gone out.’
 b **səŋgə/si** / **ɛ...** mə'nu:tə / məŋ'nevtə. (Pescolanciano, IS; Manzini & Savoia 2005)
 I.am you.are s/he.is come eaten
 ‘I have/you have/(s)he has come/eaten.’
 c **So / Si / A** fatecate / ite. (Arielli, eastern Abruzzo; D'Alessandro p.c.)
 I.am you.are have.3 worked gone
 ‘I have/you have/(s)he has worked/gone.’

- Structural condition on auxiliary selection: (cf. Perlmutter 1978; Burzio 1986):

- 12 Auxiliary BE is selected whenever (Spec)T is indexed with V(DP)

- (Auxiliary) verbs raise to T in NIDs (hence sensitive to A/S_A vs S_O distinction; cf. PIC)

4. v -Domain

4.1 Auxiliary Selection

- SIDs: (auxiliary) verbs don't raise to T (cf. PIC) \Rightarrow
 - i) No active-stative effects on Aux: T and V not co-indexed (cf. 11a-b)
 - ii) Aux in v sensitive to subject features in Spec v P: (11c; cf. D'Alessandro & Roberts 2010)

4.2. Participle Agreement

- Active-stative participle agreement (Rohlf's 1969:116; Smith 1991; Loporcaro 1998:64-78; 2016:§49.2.3; Manzini & Savoia 2005,II:§5.1)

- i) NIDs: restricted to (raised) unaccusative subjects (S_O) and raised clitic objects (O_{CL})

- 13 Casorezzo (MI; Manzini & Savoia 2005)
- a [pro] l e [pɾə] mɔrtu/mɔrta [pɾə].
 SCL.3 be.PRS.IND.3SG die.PTCP.MSG/FSG
 'He/She has died.'
- b o pɛrsu/*pɛrsa a biʃikleta.
 have.PRS.IND.1SG lose.PTCP.MSG/FSG the.FSG bicycle.FSG
 'I've lost my bike.'
- c [ɪ] o *pɛrsu/pɛrsa [ɪ].
 it= have.PRS.IND.1SG lose.PTCP.MSG/FSG
 'I've lost it.'

- ii) SIDs: preserved with (raised) unaccusative subjects (S_O) and *in situ* objects ($O_{(CL)}$)

- 14 Scorrano (Musio 1995)
- a li tre su già ssuti li tre
 the.MPL three be.PRS.IND.3PL already go.out.PTCP.MPL
 'the three of them have gone out'
- b aggiu nnutti ddo chili de pampasciuni
 have.PRS.IND.1SG bring.PTCP.MPL two kilos.M of hyacinth.bulbs.M
 'I've brought two kilos of hyacinth bulbs'
- c l' aggiu vista [ɪ] puru nuta
 it=have.PRS.IND.1SG seen.FSG also naked
 'I've seen her naked too'

- (Participial) V-movement and the PIC (cf. Kayne 1989; D'Alessandro & Roberts 2008):

- i) NIDs: high, PtP can only probe nominals in higher phase (= S_O , O_{CL})
- ii) SIDs: low(er), PtP can probe *in situ* nominals in lower phase (raised S_O/O_{CL} pass through PtP)

4.3. Lower Left Periphery: Focus

- Loss of focus-fronting to higher Left periphery (CP) in NIDs: cf. §2.1 (Rizzi 1997)
- Focus fronting to lower Left Periphery (v P) in NIDs (cf. Paoli 2003; Belletti 2004; 2005)

- 15 (*IL GELATO) a l' ha catà IL GELATO, nen la torta. (Tur.)
 the ice-cream SCL= has bought the ice-cream not the cake
 'It's the ice-cream that he bought, not the cake.'

- Conclusion: availability of interpretable focus-related edge feature on v (north) vs C (south)

4.4 Differential Object Marking (DOM)

- Distribution of DOM:

i) North: no distinction between different classes of in/animate specific objects (but cf. Parry 2003)

16 u minga vist **la tuza** / **la cros** (Milan)
 I.have NEG seen the girl the cross
 ‘I didn’t see the girl / the cross’

ii) (Centre-)South (cf. Rohlfs 1971:314-17; Guardiano 1999; 2000; 2010; Ledgeway 2000:ch.2; 2018; in press a,b,c)

Borbona (RI) / Canosa Sannita (CH); Manzini & Savoia 2005)

17 a 'camenu **a m'mi** / **a t'ti** / **a n'nu** / **a b'bu** / (*a)
 call.PRS.IND.3PLDOM me DOM you.SG DOM us DOM you.PL DOM
 'issu (pro: 1/2 vs 3)
 him
 ‘They call me/you/us/you/him’

b 'camo **a t'tε** / **a v'vo** / (a) **(k)kul'lu** / (*a)
 call.PRS.IND.1SG DOM you.SG DOM you.PL DOM him DOM
 'fratətə (pro vs kinship)
 brother=your.SG
 ‘I call you.SG/you.PL/him/your brother’

Lecce, Salento (Prototapa 1991)

18 a **A cci** uèi? **A mmie** o **a ssorma**? (Wh-pro, pro, kin)
 DOM who you.SG.want DOM me or DOM sister=my
 ‘Who do you want? Me or my sister?’

b ieu bu cüèrnu **a tutti** (Q-pro)
 I you.PL= I.govern DOM all

c cu cchiamàmu **lu miètecu** (common noun)
 that we.call the doctor
 ‘Let’s call the doctor!’

Camerota (SA), Campania (Manzini & Savoia 2005)

19 a 'addzu 'vistu **a v'vui** / **a k'killi waʎ'ʎuni** (pro, def. com.)
 have.PRS.IND.1SG seen DOM you.PL DOM those children
 ‘I saw you / those children’

b 'addzu ‘vistu **(a) nu waʎ'ʎuni** (indef. com.)
 have.PRS.IND.1SG seen DOM a child
 ‘I saw a child’

- DOM licensed by object shift to SpecvP (Torrego 1998; Ledgeway 2000; Peverini-Benson 2004; Andriani 2011; 2015; López 2012; Cornilescu 2020; Tigău 2021)

- Ability of D-feature on *v* to probe Obj-V,DP (structural acc.):

i) Not in NIDs

ii) Only in (CID-)SIDs: internal variation for person, number, (pro)nominal, animacy, definiteness

5. Conclusions for Italo-Romance

- North–South divide (La Spezia–Rimini Line): morphosyntactically robust
- Parameters don't operate in isolation:
 - North: T probes V \Rightarrow
 - i) verb-subject inversion (§2.1.1)
 - ii) Stage II and III negation (§3.2)
 - iii) Subject clitics (§3.3; dedicated subject marking)
 - iv) Active-stative perfective auxiliary selection (§3.4)
 - v) Absence of participle agreement with *in situ* objects (§4.2)
 - South: *v* probes V \Rightarrow
 - i) V-to-C movement limited to positive imperatives (§2.1.1)
 - ii) Stage I negation (§3.2)
 - iii) Generalized or person-driven perfective auxiliation (§4.1)
 - iv) Active participle agreement with *in situ* objects (§4.2)
 - v) Prepositional accusative (§4.4; differential object marking)

6. Beyond Italo-Romance

Table 4: Major clausal parameters across Romance

		Fr.	Occ.	NIDs	Lad.	It.	Srd.	IbR.	Ro.	SIDs
1	Non-veridical V-to-C Mvt	+	+	+	+	±	(±)	(-)	-	-
	(a) V-to-T Mvt	+	+	+	+	±	±	-	-	-
	(i) Stage II-III Neg	+	+	+	+	-	-	-	-	-
	(ii) A/S _O Aux	+	+	+	+	+	+	-	-	-
	(iii) Strong D edge feature (= Scls, SVO)	+	+	-	+	+	+	-	-	-
	(b) V-to- <i>v</i> Mvt	-	-	-	-	-	-	+	+	+
	(i) Gen/P-D Aux	-	-	-	-	-	-	+	+	+
	(ii) PtP Agr with <i>in situ</i> O	-	+	-	-	-	-	-	-	+
	(iii) Strong D edge feature (= DOM)	-	-	+	-	-	(±)	+	+	+
	(c) Focus-fronting to C	-	-	-	-	+	±	+	±	+
	(i) Focus-fronting to <i>v</i>	+	+	+	+	-	±	-	±	-

- Symbols '+' and '-' indicate positive and negative settings respectively
- Shading: parameter setting rendered predictable or irrelevant by higher-order parametric choice

6.1 Gallo-Romance (French, Occitan) and Romanian

- Extreme points of comparison:
 - i) NIDs \Rightarrow northern Romània: French, Occitan (Gallo-Romance)
 - ii) SIDs \Rightarrow southern Romània: Romanian
- P(arameter)1 (Non-veridical V-to-C Mvt) implicationally defines setting for Sub-parameters (1.a,b)
 - Yes \Rightarrow V-to-T Mvt (= V accessible for probing by C)
 - No \Rightarrow V-to-*v* Mvt (\neq V not accessible for probing by C)⁶

⁶ For low(er) V-movement in Romanian, see Ledgeway & Lombardi (2005), Ledgeway (2012; in press c), Costea (2019).

- Further consequences and predictions of setting of Sub-P1a (= V-to-T Mvt):
 - Sub-P1a(i): Stage II-III negation:
 - French: Stage II: standard (written) language; Stage III: everyday spoken language
 - Occitan: Stage II: Gascon; Stage III: non-Gascon varieties
 - NIDs: Stage I: Liguria, Veneto; Stages II-III: Piedmont, Lombard, Emilia-Romagna
 - SIDs/Romanian: Stage I: V-raising not high enough to license postverbal negator
 - Sub-P1a(ii): argument-driven Aux selection (= active-stative A/S_A vs S_O; cf. Ledgeway 2019b)
 - NIDs, French, Occitan: Yes
 - SIDs, Romanian: No

20 a **Avez**-vous fait bon voyage? / Je **suis** venu avec les amis. (Fr.)
 b **Avètz** fach bon viatge? / **Soi** vengut amb los amics. (Occ., Lgd.)
 have.2PL(=you) made good trip I am come with the friends
 ‘Did you have a good journey? / I came with friends.’

- Further consequences and predictions of setting of Sub-P1b (= V-to-*v* Mvt):
 - Sub-P1b(i): Generalized or Person-driven Aux selection (cf. Ledgeway 2019b)
 - SIDs, Romanian (cf. Ledgeway 2014): Yes
 - Gallo-Romance: No

21 **Ați** avut o călătorie plăcută? / **Am** venit cu prietenii. (Ro.)
 have.2PL had a good trip I.am come with friends.DEF

- Sub-P1b(ii): Active PtP Agr with *in situ* O
 - SIDs: Yes (cf. 14a-c)
 - NIDs: No (cf. 13a-c)
- Possible exceptions to Sub-P1b(ii) (= active PtP Agr with *in situ* O)
 - Romanian: V-to-*v*, but no active PtP Agr

22 Merele, le-am **mâncat**(*e) ieri. (Ro.)
 apples.F.DEF.FPL them=have.PRS.IND.1SG eaten.MSG(FPL) yesterday
 ‘The apples, I ate them yesterday’

- Adjacency of Aux + PtP in Romanian: 23a vs 23b
 - i) PtP must raises to high position adjacent to Aux (cf. Schifano 2015; 2018)
 - ii) PtP placed outside of local Agr configuration with *in situ* O

23 a Annu **ggia** abballatu. (Cosenza, Calabria)
 b Au **(*deja)** dansat **deja**. (Romanian)
 have.PRS.IND.3PL already danced already
 ‘They’ve already danced.’

- French vs Occitan: V-to-T \Rightarrow no active PtP Agr

- 24 a Avez-vous pris des photos? (French)
have.2PL=you taken.MSG of.the.PL photos.F
- b Avètz presas de fotòs? (Lengadocien Occitan)
have.2PL=you taken.FPL of photos.F
'Have you taken some photos?'

i) Comparison with SIDs & Romanian contrast \Rightarrow Occitan PtP remains within v -VP

ii) PtP follows low VP-adverbs (cf. Cinque 1999)

Lengadocien Occitan

- 25 a Avètz plan **dormit**?
have.PRS.IND.2PL well slept
'Have you slept well?'
- b Avèm pas encara **enviadas** de cartas postalas als amics
have.PRS.IND.1PL not still sent of cards postal to.the friends
'We've not yet sent our friends any post cards.'
- c Èrem ben **tombats**!
be.PST.IPFV.1PL well fallen
'We'd turned up at the right time!'
- d A tant **patit**.
have.PRS.IND.3SG so.much suffered
'He's suffered so much.'

- Conclusion: microvariation in setting of V-movement Parameter (P1)

i) Consistent behaviour (mesoparameter):

- NIDs: all verbs raise to T (1.a)
- SIDs: all verbs raise to v (1.b)

ii) Inconsistent behaviour (microparameter; cf. Roberts 2019:409f.):

- Finite V \Rightarrow T (Occitan) vs v (Romanian)
- Non-finite (active) participial V \Rightarrow v (Occitan) vs T (Romanian)

- Quick note on French:

i) PtP also follows low VP-adverbs (cf. 26), so low movement of active PtP

ii) Non-prescriptive French: loss/erosion of morphological rule (cf. Loporcaro 2010; 2016:806)

- 26 Vous avez **bien / déjà / toujours / tant** dormi. (Fr.)
you have.PRS.IND.2PL well already always so.much slept
'You've already/always slept well/so much.'

6.2 Ladin, Italian, Sardinian and Ibero-Romance (Catalan, Portuguese, Spanish)

- Gallo-Romance vs SIDs, Romanian: northern-southern extremes
- Ladin, Italian, Sardinian and Ibero-Romance: mixed, less consistent behaviour

6.2.1 Ladin

- Most varieties of Ladin: behave like Gallo-Romance for P1 \Rightarrow [+Non-veridical V-to-C Mvt]

27 'rue-I la 'mama? (Fassano; Salvi 2016a:164)
arrive.PRS.IND.3SG=SCL.3SG the mother
'Is the mother arriving?'

- Gaderano & Gardenese \Rightarrow

i) Preserve V2 syntax (Haiman & Benincà 1992:150; Poletto 2000; Manzini & Savoia 2005:I§3.13; Anderson 2016:179-81; Salvi 2016a:164-65; 2016b:1009)

ii) V-to-C Mvt: triggered by generalized semantically uninterpretable V-feature (28a-c)

iii) Sub-P1a has to be independently stated \Rightarrow [+V-to-T Mvt] (cf. embedded SVO)

28 a i'lo a l ʃkumøn'ʃa... (Gardenese, Salvi 2016b:165)
there have.PRS.IND.3SG =SCL.3SG begun
'There he began...'

b le 'liber a-i lit (Gaderano, Manzini & Savoia 2005,I:702)
the book have.PRS.IND.1SG=SCL.1SG read
'I have read the book'

c a-I dor'mi ʒaŋ? (Gaderano; Manzini & Savoia 2005,I:162)
have.PRS.IND.3SG=SCL.MSG slept Gianni
'Did Gianni sleep?'

- Further consequences and predictions of setting of Sub-P1a (cf. Manzini & Savoia 2005,III:133-36; Salvi 2016a:162f.):

\Rightarrow Sub-P1a(i): Stage I (Fassano, Livinallese; 29a), II negation (the rest; 29b)

\Rightarrow Sub-P1a(ii): Argument-driven Aux selection (29a,c)

29 a se **no** te 'foses ve'ŋu da me... (Fassano; Salvi 2016a:164)
if neg you be.SBJV.IPFV.2SG come by me
'If you hadn't come to me...'

b 'ana **nə** vaŋ 'nia. (Badiot; Salvi 2016a:163)
Anna neg come.PRS.IND.3SG neg
'Anna is not coming.'

c a'oŋ ve'du de bie 'fjores. (Fassano; Salvi 2016a:162)
have.PRS.IND.1SG see.PTCP of beautiful flowers
'We have seen some beautiful flowers'

- Lack of active PtP Agr with *in situ* O (Manzini & Savoia 2005,II:594f.; Salvi 2016a:162):

30 a i t l a 'dada. (Badiot; Salvi 2016a:162)
SCL.1SG= you= it.F= have.PRS.IND.1SG given
'I have given it to you.'

b [...]_{kə} 'klawdia 'æsa 'ʃkrit(*a) la 'lætra. (Gard.;Salvi 2016a:163)
that Claudia have.PST.SBJV.3SG written.MSG(FSG) the.FSG letter.F
'(I thought) that Claudia had written the letter.'

6.2.2 Italian and Sardinian

- Non-veridical V-to-C Mvt (cf. Ledgeway 2015:118-21; Ledgeway & Schifano in press:§23.3.2):

- i) Limited to optatives/exclamatives (more restricted in Sardinian), excludes interrogatives
- ii) ⇒ Italian ‘±’, Sardinian ‘(±)’ in Table 4

31 a Quanto **puzza** questo formaggio! (It.)
 how.much smell.PRS.IND.3SG this cheese
 ‘How this cheese stinks!’

b Ti **falet** unu lampu! (Srd.; Jones 1993:27)
 you= strike.SBJV.PRS.3SG a lightning.bolt
 ‘May you be struck by lightning!’

- iii) Sufficient V-to-C Mvt to infer positive setting for Sub-P1a (cf. Ledgeway & Lombardi 2005; Schifano 2018)

(a) Argument-driven Aux selection (Sub-P1a(ii)): 32a-b (Burzio 1986; Jones 1993:106-13, 130ff.)

(b) Absence of active PtP Agr with *in situ* O: 33a-b (Loporcaro 1998; Jones 1993:83)

(c) Stage I negation (Sub-P1a.i): 34a-b (Poletto 2016a)

32 a **Ha** telefonato il muratore / Maria è arrivata a casa. (It.)
 have.PRS.IND.3SG telephoned the builder Maria be.PRS.IND.3SG arrived at home

b **At** telefonatu su mastru de muru / Maria **est** arrivata a
 have.PRS.IND.3SG telephoned the master of wall Maria be.PRS.IND.3SG arrived at
 domo. (Srd.; Jones 1993:10/110)
 home
 ‘The builder has rung / Maria has arrived home.’

33 a Ho **visto** le ragazze / Le ho **viste**. (It.)

b Appo **vistu** sas pitzinnas / Las appo **vistas**. (Srd)
 have.PRS.IND.1SG seen.MSG the.FPL girls them.F= have.PRS.IND.1SG seen.FPL
 ‘I have seen the girls / I’ve seen them.’

34 a Questo vino **non** mi piace. (It.)

b Custu vinu **non** m’ aggradat. (Srd.)
 this wine neg me= please.PRS.IND.3SG
 ‘I don’t like this wine.’

6.2.3 Ibero-Romance

- Non-veridical V-to-C Mvt:

- i) Limited to exclamatives (Ledgeway 2015:118-21)

- ii) ⇒ ‘(-)’ in Table 4

35 ¡Cuán rápido **habla** Bruno! (Sp.)
 how quick speak.PRS.IND.3SG Bruno
 ‘How quickly Bruno speaks!’

- iii) Overt evidence for partial positive setting of P1 too weak to unambiguously license corresponding positive setting for V-to-T Mvt (Sub-P1a)

iv) Low V-movement \Rightarrow Sub-P1b: V-to-*v* Mvt (Ledgeway & Lombardi 2005; Ledgeway 2012; Schifano 2015; 2018)

- 36 a Sergio apenas **sabe** cómo me llamo. (Sp. Schifano 2015:63)
Sergio hardly know.PRS.IND.3SG how me= call.PRS.IND.1SG
'Sergio barely knows my name.'
- b Maria encara **recorda** aquell dia. (Val.Cat., Schifano 2015:67)
Maria still remember.PRS.IND.3SG that day
'Maria still remembers that day.'
- c A Maria já **sabe** esta história. (EuPt., Schifano 2015:68)
the Maria already know.PRS.IND.3SG this story
'Maria already knows this story.'

• Further consequences and predictions of setting of Sub-P1b

- Impossibility of Stage II-III negation (Sub-P1a(i)): 37a-c
- Sub-P1b(i): Generalized or Person-driven Aux selection (Ledgeway 2019b):

- 37 a No **había** fumado/venido. (Sp.)
- b No **havia** fumat/vingut. (Cat.)
- c Não **tinha** fumado/vindo. (Pt.)
neg have.PST.IND.3SG smoked/come
'S/he hadn't smoked/come.'

• Problem \Rightarrow Sub-P1b(ii): Active PtP Agr with *in situ* O?

- 38 a Había **escrito(/*-a)** la carta. (Sp.)
- b Havia **escrit(*a)** la carta. (Cat.)
- c Tinha **escrito(/*-a)** a carta. (Pt.)
have.PST.IND.3SG written.MSG(/FSG) the.FSG letter.F
'S/he written the letter.'

• Adjacency of Aux + PtP in Ibero-Romance (cf. Romanian 21b):

i) PtP raises to high position adjacent to Aux (cf. Schifano 2015; 2018)

ii) PtP placed outside of local Agr configuration with *in situ* O

- 39 a Han (*siempre) **trabajado** siempre la tierra a lo largo de muchas
b Han (*sempre) **treballat** sempre la terra al llarg de moltes
c Têm (*sempre) **trabalhado** sempre a terra ao longo de muitas
have.PRS.IND.3PL always worked always the land to(.)the length of many
generaciones. (Sp.)
generacions. (Cat.)
gerações. (Pt.)
generations
'They have always worked/been continuously working the land for many generations.'

• Conclusion: microparametric variation in setting of V-Mvt Sub-parameter in Ibero-Romance

i) Finite V \Rightarrow *v*

ii) Non-finite (active) participial V \Rightarrow T

6.3 Differential Subject and Object Marking

- Setting of Parameter 1 \Rightarrow Predictable settings for Subparameters (1.a) and (1.b)
 - i) [+V-to-C] \Rightarrow V-to-T Mvt: North
 - ii) [-V-to-C] \Rightarrow V-to-*v* Mvt: South
 - Setting of Sub-P1a-b implicationally correlated with distribution of subject clitics and DOM
 - i) Strong V-feature on T \Rightarrow strong D-feature on T (= Sub-p 1a.iii)
 - ii) Strong V-feature on *v* \Rightarrow strong D-feature on *v* (= Sub-p 1b.iii)
 (Cf. strong Head and Edge features on C in (Ladin) V2 varieties)
 - Northern Romance: dedicated marking of subject through grammaticalization of dedicated preverbal SpecTP subject position
 - \Rightarrow Reversal in pro-drop parameter in French, some (northern) Occitan varieties
 - \Rightarrow Spell-out of strong D-feature through (partial/complete) system of subject clitics in NIDs, Raeto-Romance, some northern Occitan varieties⁷
 - \Rightarrow SVO word order
- 40 a **Les enfants** buvaient du lait. (Fr.)
 the children drink.PST.IPFV.3PL some milk
 ‘The children were drinking some milk’
- b **Madamo** fa sa toueieto (Occ.; Oliviéri & Sauzet 2016:343)
 Madame do.PRS.IND.3SG her toilette
 ‘Madame is getting ready’
- Southern Romance: differential marking of (subset of) objects through grammaticalized pseudo-preposition (*a, ma/me, ana, pe*)
 - \Rightarrow Strong D-checking mechanism on *v* (= object shift)⁸
 - \Rightarrow (SVO/VSO) word order⁹ (with assumption that preverbal subjects = clitic left-dislocated¹⁰)
- 41 a A obținut o prietenă de-a mea o bursă. (Ro., Salvi 2016b:1003)
 have.PRS.IND.3SG obtained a friend of mine a grant’
- b Se comieron los niños todo el pastel. (Sp., Salvi 2016b:1003)
 self= eat.PST.PFV.3PL the children all the cake
 ‘The children ate the whole cake.’
- Conclusion: complementary distribution of:
 - i) SVO and subject clitics: northern Romance
 - ii) SVO/VSO and DOM: southern Romance
- Cf. complementary distribution in Occitan:
 \Rightarrow Subject clitics (and loss of pro-drop): northern varieties (Oliviéri & Sauzet 2016:338-40)
 \Rightarrow DOM: southern varieties (Rohlf's 1971:320f.; Ledgeway in press c)

⁷ Cf. Manzini & Savoia (2005,I), Roberts (2010), Oliviéri & Sauzet (2016:338-40), Poletto & Tortora (2016).

⁸ Cf. Torrego (1998), Ledgeway (2000; in press c), Peverini-Benson (2004), Andriani (2011; 2015), López (2012), Cornilescu (2020), Tigău (2021).

⁹ Cf. Motapanyane (1989), Dobrovie-Sorin (1994), Zagana (2002:214-16), Belletti (2004), Ledgeway & Roberts (in press:§2.3).

¹⁰ Cf. Contreras (1991), Barbosa (1995; 2001), Alexiadou & Anagnostopoulou (1998), Solà (1992).

6.3.1 Apparent Exceptions

- Small number of NIDs present:

- i) V-to-T Mvt (Sub-P1a)
- ii) Subject clitics (Sub-P1a(iii))
- iii) Limited DOM: 1/2 pronouns (Ledgeway in press a)

Viguzzolo, Piedmont (Manzini & Savoia 2005,II:523)

42 a a 'mi / 'ti a m / t 'ʃamən 'dɔp. (1/2sg C-top)
 DOM me you.SG SCL me= you.SG= call.PRS.IND.3PL after
 'They'll call me/you afterwards.'

b (*a) ly a l 'ʃamən 'dɔp. (3sg C-top)
 DOM him SCL him= call.PRS.IND.3PL after
 'They'll call him afterwards.'

- Proposal: strong D edge feature on *v*

- i) automatically associated 'for free' with *v* in southern varieties with V-to-*v* (Sub-P1b)
- ii) selected as more marked (hence unpredictable) option in northern varieties with V-to-T (Sub-P1a)

- Northern/Tuscan regional Italian and standard Italian present:

- i) V-to-T Mvt (Sub-P1a)
- ii) SVO (Sub-P1a(iii))
- iii) Limited DOM (Belletti 2018a,b; Ledgeway in press a):

⇒ Clitic left-dislocated 1/2 pronouns: northern/Tuscan regional Italian (43)

⇒ Clitic left-dislocated Experiencers with psych and causative predicates: standard Italian (44)

Colloquial northern/Tuscan Italian (Benincà 1988:156)

43 a A me, non mi hanno invitato. (CILD 1sg)
 DOM me not me= they.have invited
 'As for me, they didn't invite me/I wasn't invited.'

b A te, non ti vogliamo. (CILD 2sg)
 DOM you.SG not you.SG= we.want
 'As for you, we don't want you.'

c??A lui, l' hanno chiamato ieri. (CILD 3sg)
 DOM him him= they.have called yesterday
 'As for him, they called him yesterday/He was called yesterday.'

Italian (Benincà 1988:134f.)

44 a A noi, la soluzione non ci ha soddisfatti. (CILD 1pl)
 DOM us the solution not us= has satisfied
 'We weren't satisfied by the solution.'

b A Giorgio, questi argomenti non l' hanno convinto. (CILD proper name)
 DOM Giorgio these arguments not him= have convinced
 'Giorgio wasn't satisfied by these arguments.'

- Proposals:

i) Exogenous factor: possible contact/influence from southern varieties of Italian

ii) Endogenous factor: height of V-movement (Ledgeway & Lombardi 2005; Schifano 2015; 2018)

– (regional) Italian V-movement (45a): targets clause-medial position (between T and *v*)

– Lower position of V correlates with P1-setting ‘±’ in Table 4 (cf. Gallo-Romance ‘+’)

– P-setting for V-movement not correlate *tout court* with either Sub-P1a or Sub-P1b

⇒ incongruous mixing of SVO (northern varieties) and limited DOM (southern varieties)

45 a Gianni (*non **fuma**) generalmente non **fuma** mica tanto. (It.)

b Jean ne **fume** généralement (*ne **fume**) pas beaucoup. (Fr.)
‘John doesn’t usually smoke a lot.’

iii) Sardinian:

– Preferred clause-medial V-movement (Schifano 2015; 2018): 46a

– SVO (Jones 1993:13f.; Mensching & Remberger 2016:286): 46b

– DOM (Jones 1993:65-68; M&S 2005,II:§4.9; Mensching & Remberger 2016:283f.): 46c

46 a Mulleri rua (?de propositu) **portara** de propositu is malloreddus. (Srd.)
wife your deliberately bring.PRS.IND.3SG deliberately the malloreddus
‘Your wife is bringing the malloreddus pasta on purpose.’

b **Sos pastores** murchen sas berbekes. (Srd.)
the shepherds milk.PRS.IND.3PL the sheep (‘The shepherds milk the sheep’)

c Istimo **a frate meu**. (Srd.)
love.PRS.IND.1SG DOM brother my (‘I love my brother’)

6.4 Focus-fronting

- 2 original reflexes of V2 now in complementary distribution (cf. §2.1) ⇒

i) Head-fronting (V-to-C Mvt): NIDs

ii) Phrasal-fronting (focusing in SpecCP): SIDs

- Focus-fronting to C-domain: derived from setting of P1 (V-to-C Mvt)

- Complementary distribution of focus-fronting: cross-parametric dependency

i) C-domain (SIDs, Srd, Ro; cf. 3a-d):¹¹ [–P1] (V-to-C) ⇒ [+Sub-P1c] (CP-focus)

ii) *v*-domain (NIDs, Fr, Occ; cf. 15): [+P1] (V-to-C) ⇒ [–Sub-P1c] (*v*-focus)

- Ladin dialects: exhibit both options in accordance with distribution of V2

i) V2 varieties: generalized EPP feature on C which readily licenses focus-fronting in SpecCP

ii) Non-V2 varieties resort to lower left periphery (as expected)

¹¹ Cf. Cruschina (2006; 2010; 2012; 2016:§34.5), Cruschina & Ledgeway (2016:557f., 572-74), Mensching & Remberger (2016:290f.).

- Occitan variation:

- i) (eastern) Occitan dialects proper pattern with Fr, NIDs \Rightarrow focus in v -domain ([+P1]; cf. 47a)
- ii) western dialects = Gascon (cf. Oliviéri and Sauzet 2016:341)
 - \Rightarrow No V-to-C Mvt ([-P.1]): system of enunciative particles (cf. Ledgeway 2020)
 - \Rightarrow focus-fronting to the C-domain ([+Sub-P1.c]: (47b-c))

- 47 a Te creiran, TU! (Langadocian)
 you= believe.FUT.3PL you ('They will believe YOU!')
- b MA BACHO ai pierdut (Gévaudan)
 my cow have.PRS.IND.1SG lost ('I've lost MY COW')
- c QUITES qu' èm! (Arrens-Marous)
 quits.MPL que be.PRS.IND.1PL ('We're QUITs!')

- Italian and Ibero-Romance: specialized (cf. Belletti 2004; 2005; though see Cruschina 2012)

- i) C-domain \Rightarrow contrastive focus (cf. 48a)
- ii) v -domain \Rightarrow informational focus (cf. 48b)

- 48 a UNA PIZZA ho ordinato, non un gelato. (It.)
 a pizza have.PRS.IND.1SG ordered not an ice-cream
 'It was a pizza that I ordered, not an ice-cream.'
- b Cosa hai mangiato? – Ho mangiato una pizza. (It.)
 what have.PRS.IND.2SG eaten have.PRS.IND.1SG eaten a pizza
 'What did you eat? – I ate a pizza.'

- Italian and Ibero-Romance focus parameter: microparametric behaviour (cf. (non-)finite V-Mvt)

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