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## Double COMP positions in the language of Petronius

1. One of the important results of Functional Grammar, the discovery, that the word order of a sentence is depending from the context of other sentences, became an inherent part of Generative Grammar, too, especially after the theory of complementizers had been introduced (cf. Rosenbaum 1967). Since syntactic cartography had been discovered, the knot of the socalled Force Phrase has been found responsible for the anchoring of a sentence in the context of discourse. ForceP ist defined as «the highest position of the Left Periphery, connected with previous discourse in main clauses" (Rizzi and Bocci 2017). However, the idea oof context dependency is already present, e.g., in the old standard work on Latin stylistics by von Nägelsbach: "Aber die Hauptsache ist, daß sich die Wortstellung des Satzes in der Regel nicht innerhalb seiner selbst, sondern durch sein Verhältniß zu anderen Sätzen bestimmt» (1876, S. 441).
2. In the present study I shall do some research on double COMP positions in the language of Petronius. The linguistic examples given here are taken from the edition by Müller (1995), together with the translations by Heseltine (1925). As for the theoretical framework, I'll start with the derivational tree (cf. Leu 2017):

with the corresponding phrase structure
[c1p X [ ... [c2p Y]]].
Special emphasis will be placed on the order of the particles which appear in COMP positions and their exchangeability. Combinations which are not present in Petronius, are marked by an asterisk.
3. $[\operatorname{SPEC}(\mathrm{C} 1)=\mathrm{CONJ}, \mathrm{C} 2=\mathrm{CONJ}]$
(1.a) u
so-that if
rem domino
thing- ACC owner- DAT
veniret
come-INF.SUBJ.3.SG (13, 4)
I thought we should proceed openly by civil process, and obtain a decision in the courts if they refused to give up other people's property to the rightful owners.
(1.b) *si ut
(2.a) et si, inquam, ursus homuncionem
and if
I-say
bear
little-human
comest $(66,6)$
eat- IND.PRES.3.SG
What I say is this, since bears eat up us poor men
(2.b) *si et

However, note:
quid, si etiam mercennarius praesenti felicitate lassus indicium ad amicos detulerit $(125,3)$

Or supposing the servant grows weary of his present luck and gives his friends a hint
(3.a) aut si
or if
or if you do inquire
(3.b) *si aut
(4.a) vel si
or if
But if the matter is serious
(4.b) *si vel
(5.a) sed si nos coleos haberemus,
but if we testicles-ACC have-SUBJ.PRET.1.PL
non tantum sibi placeret $(44,14)$
not so-much REFL gefallen-SUBJ.PRET.3.SG
If we had any spunk in us he would not be so pleased with himself.
(5.b) *si sed
$\begin{array}{lll}\text { (6.a) et postquam } & \text { veni } & \text { in illum } \\ \text { and after } & \text { come-PERF.1.SG } & \text { in that-ACC } \\ & & \\ \text { locum }(62,12) & & \\ \text { place-ACC } & & \\ \text { and when I came to the place } & \end{array}$
(6.b) *postquam et
(7.a) sed postquam precibus etiam iracundiam
but after request-DAT.PL also anger-ACC
miscui $(9,3)$
mix-PERF.1.SG
but I added threats to entreaties
(7.b) *postquam sed

We can summarize up:

| COMP 1 | COMP 2 | COMP 1 | COMP 2 |
| :---: | :---: | :---: | :---: |
| ut | si | *ut | si |
| et | si | *et | si |
| aut | si | *aut | si |
| vel | si | * vel | si |
| sed | si | *sed | si |
| et | postquam | *et | postquam |
| sed | postquam | *sed | postquam |

Thus, every particle (in Petronius) has its fixed, determined placed. Inversions do not appear (and some of them may be ungrammatical).
2.a. $[\operatorname{SPEC}(\mathrm{C} 1)=\mathrm{CONJ}, \mathrm{C} 2=\mathrm{ADV}]$
(1.a) si modo coronis aliquid credendum est if only Kranz-DAT etwas glauben-PART.FUT.PASS.N. is $(83,8)$
if one can reckon at all by crowns of honour
(1.b) *modo si
(2.a) ac modo nosmet
and soon we-ACC.-OURSELVES
ipsos modo
self-ACC soon
mulieres intueremur $(19,1)$
women-ACC look-at-SUBJ.PRET.1.PL
while we kept looking first at each other and then at the women
(2.b) *modo ac/atque
(3.a) et modo fit aries $(39,5)$
and soon become-IND.PRES.3.SG ram and at one time becomes a ram.
(3.b) *modo et
(4.a) ac subito exanimatus conticuit. $(12,4)$
and suddenly exanimated fall-silent-PERF.3.SG. and was suddenly struck dumb with astonishment
(4.b) *subito ac
(5.a) et subito lupus factus est $(62,6)$
and suddenly wolf become-PART.PERF.PASS is
and suddenly turned into a wolf.
(5.b) *subito et
(6.a) et forsitan pernoctassemus in limine $(79,6)$
and perhaps stay-over-night-PLQPF-1.PL
We might have had to sleep on the doorstep
(6.b) *forsitan et

Therefore, the mappings of pairs of functionally differentiated particles onto COMP positions are bijective, too:

| COMP 1 | COMP 2 |  | COMP 1 | COMP 2 |
| :--- | :--- | :--- | :--- | :--- |
| si | modo |  | *si | modo |
| ac | modo |  | *ac | modo |
| et | modo |  | *et | modo |
| ac | subito | *ac | subito |  |
| et | subito | *et | subito |  |
| et | forsitan | *et | forsitan |  |

An unclear case is:
(7.a) et iam non loquebatur Menelaus $(27,5)$, where Müller has changed to «etiam num».
(7.b) iam
already
lucernis occidentibus oleum infuderat $(22,6)$
lamp-DAT go-down-PART.PRES.ACT oil-ACC.SG pour-in-PLQPF.3.SG
By this time the butler had got up and refilled the flickering lamps.
Thus, given that «et iam» in (7.a) is the correct reading, iam will be the only Latin particle (in the work of Petronius) which can change comp positions (i.e, where there is no bijection from particle onto comp position).
2.b. $[\operatorname{Spec}(C 1)=A D V, C 2=C O N J]$

| (8.a) | postquam after | itaque <br> TOP | omnis <br> all-ACC | bacalusias nonsense-ACC |
| :---: | :---: | :---: | :---: | :---: |
| consumpsi ( 41,2 ) |  |  |  |  |
| use-up-PERF.1.SG |  |  |  |  |
| After turning the problem over every way |  |  |  |  |
| (8.b) *itaque postquam |  |  |  |  |
| (9.a) | postquam <br> after | ergo | omnes | bonam |
|  |  | TOP | all-NOM.PL | good-ACC |
|  | mentem |  | bonamque | valetudinem |
|  | Geist- ACC |  | good- ACC-and | health-ACC |
|  | sibi |  | optarunt ( 61,1 ) |  |

So after they had all wished themselves good sense and good health
(9.b) *ergo postquam
(10.a) utique postquam virguncula cervicem
certainly after little-girl neck-ACC
eius invasit $(20,8)$
sein-GEN attack-PERF.3.SG
I mean when the little girl took him by the neck
(10.b) *postquam utique

We thus get the additional table:

| Comp 1 | COMP 2 |
| :--- | :--- |
| postquam | itaque |
| postquam | ergo |
| utique | postquam |

In this case the mapping of the markers onto the Comp places is not bijective, because postquam can take the first or the second Comp position, depending on the lexical context.
3. In (2.b), we marked the functions of ergo and igitur als TOP. More precisely, we are dealing here with discourse topics (cf. Toth 1994 for the language of the Itala and the Vulgata). As Kroon (1995) has shown, discourse particles like nam/enim, ergo/igitur etc., despite having a certain semantic similarity, are differentiated by pragmatic functions. We can now show this also by using our generative phrase structure.
nam
[c1p nam [ ... [c2p Y]]]
nam repente lacunaria sonare coeperunt $(60,1)$
suddenly there came a noise from the ceiling
*repente nam,
but cf.
enim
[c1p X [ ... [c2p enim]]]
Primum enim sic ut omnia, spes quoque suas ambitioni donant $(4,1)$

To begin with they consecrate even their young hopefuls, like everything else, to ambition
*enim primum
Thus, nam and enim are complementarily distributed as for their positions in CPs.
ergo
[c1p X [ ... [c2p ergo]]]
dum ergo iuvenes sententias rident $(6,2)$
So while the young men were laughing at his epigrams
*ergo dum
For igiturwe also have the phrase structure
[c1p X [ ... [c2p igitur]]],
In the language of Petronius, igitur never occurs together with another complementizer, i. e. $\mathrm{X}=\emptyset$. However, in Plautus we find both
igitur tum specimen cernitur, quo eueniat aedificatio (Plaut. Most. 132)
then one can see an example of how the building is to turn out.
and
tum igitur tibi aquae erit cupido (Plaut. Trin. 676)
then you'll be (with emphasis) yammering for water
(cf. Leumann/Hofmann/Szantyr 1965, p. 512 f.). So igitur, like postquam (v.s.), can change Comp positions.
at
at is behaving even more restrictive than igitur and autem. It is regularly mapped to the first comp position
[c1p at [ ... [cz2 Y]]],
since, in Petronius' work, the second comp position is always empty and at is not focusing new (or resumptive) topical NPs of the type "intravit NP".
However, in Plautus, we find examples like
i intro atque inspice. at enim mulieres - (Most. 922)
Go on in and inspect it. Yes, but the women -

Ita enim vero, ne qua causa subsiet. vel mihi denumerato, ego illi porro denumeravero. At enim ne quid captioni mihi sit, si dederira tibi.

By all means, sir, so that he'll have no excuse to back out. Or you might pay it over to me, and then l'll see he's paid. Only there must be no catch in it for me, if I should give it to you,
where we even found a triple comp structure.
In the majority of the 33 cases in Petronius, at is either followed by PRO («ego», «ille», «nos»), by a proper name ("Giton") or by the focal non.

## Literature

Kroon, Caroline, Discourse Particles in Latin. A study of nam, enim, autem, vero and at. Amsterdam 1995

Leu, Tom, Ein is ein and that is that: A note on anti-homophony and meta-morphology. In: Newell, H., Piggot, G., Travis, L.D. (Hrsg.), The structure of Words at the Interfaces. OUP, 2017, pp. 185-208

Leumann, Manu/Hofmann, Johann Baptist/Szantyr, Anton, Lateinische Syntax und Stilistik. München 1965

Lindsay, W.M., Syntax of Plautus. Oxford 1907.
Petronius, with an English translation by Michael Heseltine. New York 1925
Petronius Arbiter. Satyricon. Ed. Konrad Müller. Stuttgart 1995.
Plautus, 5 vols., with an English translation by Paul Nixon. New York 1924
Rizzi, Luigi and Giuliano Bocci, Left Periphery of the Clause: Primarily Illustrated for Italian. In: Everaert, Martin and Henk C. van Riemsdijk, The Wiley Blackwell Companions to Syntax. Hoboken, NJ, 2017, pp. 2171-2200

Rosenbaum, Peter S., The Grammar of English Predicate Complement Constructions. Cambridge, MA, 1967

Toth, Alfred, Thema, Topik und Koda im Lateinischen. In: Papers on Grammar, ed. by Gualtiero Calboli, vol. IV. Bologna 1994, pp. 177-210
von Nägelsbach, Karl Friedrich. 1876. Lateinische Stilistik für Deutsche. 6th ed. Nuremberg.

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