

A Parsed Linguistic Atlas of Early Middle English (PLAEME): A tool to re-evaluate the loss of OV in the history of English

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PPCME2 (Kroch & Taylor 2000^A) exhibits a gap in data availability for the M2 period of Middle English (A.D. 1250–1350). The M2 period is of extraordinary relevance for the purposes of tracking syntactic transformations (Truswell et al. 2019), with such a data gap being problematic. To address this, we make use of a new tool: *A Parsed Linguistic Atlas of Early Middle English* (PLAEME; Truswell et al. 2018), containing sixty-eight Early Middle English texts dated between 1250–1325 and covering the M2 gap:

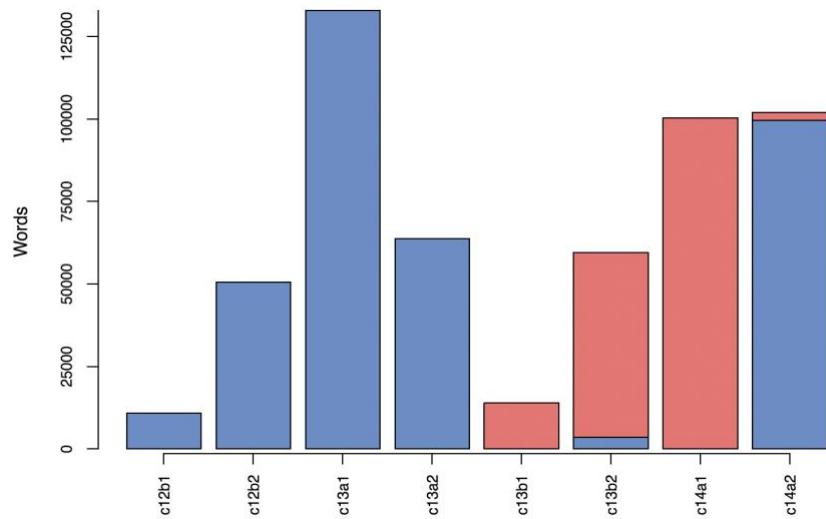


Figure 1. PLAEME (red) covers the data gap exhibited by PPCME2 (blue) between 1250–1325 (Truswell et al. 2019).

The focus of our scrutiny is relative clauses, relatively unaffected by the stylistic and discourse factors impacting word order in main clauses (Bybee 2002). We find competition in the directionality of preposition stranding in Early Middle English, a pointer to a significant change. YCOE (Taylor et al. 2003) (Old English) exhibits an overwhelming prevalence of preverbal strandings (98.34%), whilst Early Middle English between 1150–1250 shows a roughly 50%-50% split between preverbal and postverbal strandings in PPCME2. For the next century (1250–1350) we resort to the new PLAEME, unexpectedly finding higher rates of preverbal strandings: a 74.5%-to-25.5%. These can be explained by: a) register (verse versus prose); b) higher proportion of more conservative southern texts (Kroch & Taylor 2000^B); and c) Old English model texts for some of our Early Middle English works: preverbal strandings seem

conditioned by these factors, with postverbal strandings not affected by them and their use sharply increasing from 1250–1350 onwards.

Identifying a precise date for the loss of OV orders in English has proven elusive. Van Kemenade (1987), Pintzuk (1999), and Hinterhölzl (2014), date this loss to c.1200, whilst van der Wurff (1997) and Moerenhout and van der Wurff (2000, 2005), do not date it until c.1500. We take the stranding facts as a proxy of underlying OV and VO, with our data supporting the view that unconstrained OV (preverbal strandings) drastically decline in frequency after the first period of Early Middle English (1150–1250), and that the loss of OV can be confidently dated to this period.

References

Bybee, Joan (2002), Main clauses are innovative, subordinate clauses are conservative: Consequences for the nature of constructions, in J. Bybee & M. Noonan (eds.), (2002), *Complex sentences in grammar and discourse: Essays in honour of Sandra A. Thompson*, Amsterdam / Philadelphia: John Benjamins, 1-17

Hinterhölzl, Roland (2014), On the interaction between syntax, prosody, and information structure: An interface approach to word order developments in Germanic, in K. Bech & K. Gunn Eide (eds.), (2014), *Information structure and syntactic change in Germanic and Romance languages*, Amsterdam / Philadelphia: John Benjamins, 341-376.

van Kemenade, Ans (1987), *Syntactic case and morphological case in the history of English*, Dordrecht: Foris Publications.

Kroch, Anthony & Taylor, Ann (2000^A), *Penn–Helsinki parsed corpus of Middle English*, 2nd edition, release 4, Philadelphia: Department of Linguistics, University of Pennsylvania.

Kroch, Anthony & Taylor, Ann (2000^B), Verb-object order in early Middle English, in S. Pintzuk & G. Tsoulas (eds.), (2000), *Diachronic syntax: Models and mechanisms*, Oxford: Oxford University Press, 132-163.

Moerenhout, Mike & van der Wurff, Wim (2000), Remnants of the old order: OV in the Paston Letters, *English Studies*, 81(6), 513-530.

Moerenhout, Mike & van der Wurff, Wim (2005), Object-verb order in early sixteenth-century English prose: An exploratory study, *English language and linguistics*, 9(1), 83-114.

Pintzuk, Susan (1999), *Phrase structures in competition: Variation and change in Old English word order*, New York: Garland.

Taylor, Ann, Warner, Anthony, Pintzuk, Susan, & Beths, Frank (2003), *The York-Toronto-Helsinki parsed corpus of Old English prose* (YCOE), York: University of York.

Truswell, Rob, Alcorn, Rhona Donaldson, James, & Wallenberg, Joel (2018), *A Parsed Linguistic Atlas of Early Middle English (PLAEME) 1250-1325* [dataset], <https://doi.org/10.7488/ds/2310>.

Truswell, Rob, Alcorn, Rhona, Donaldson, James, & Wallenberg, Joel (2019), A parsed linguistic atlas of Early Middle English, in R. Alcorn, J. Kopaczyk, B. Los, & B. Molineaux (eds.), (2019), *Historical dialectology in the digital age*, Edinburgh: Edinburgh University Press, 19-38.

van der Wurff, Wim (1997), Deriving object-verb order in late Middle English, *Journal of linguistics*, 33(2), 485-509.