

# Prototypes in the univerbation of German verb-noun units

Roland Schäfer

*Deutsche Sprache und Linguistik,  
Humboldt-Universität zu Berlin  
Dorotheenstraße 24, 10117 Berlin  
schaefer@hu-berlin.de*

Ulrike Sayatz

*Deutsche und niederl. Philologie,  
Freie Universität Berlin  
Habelschwerdter Allee 45, 14195 Berlin  
sayatz@fu-berlin.de*

**Abstract ...**

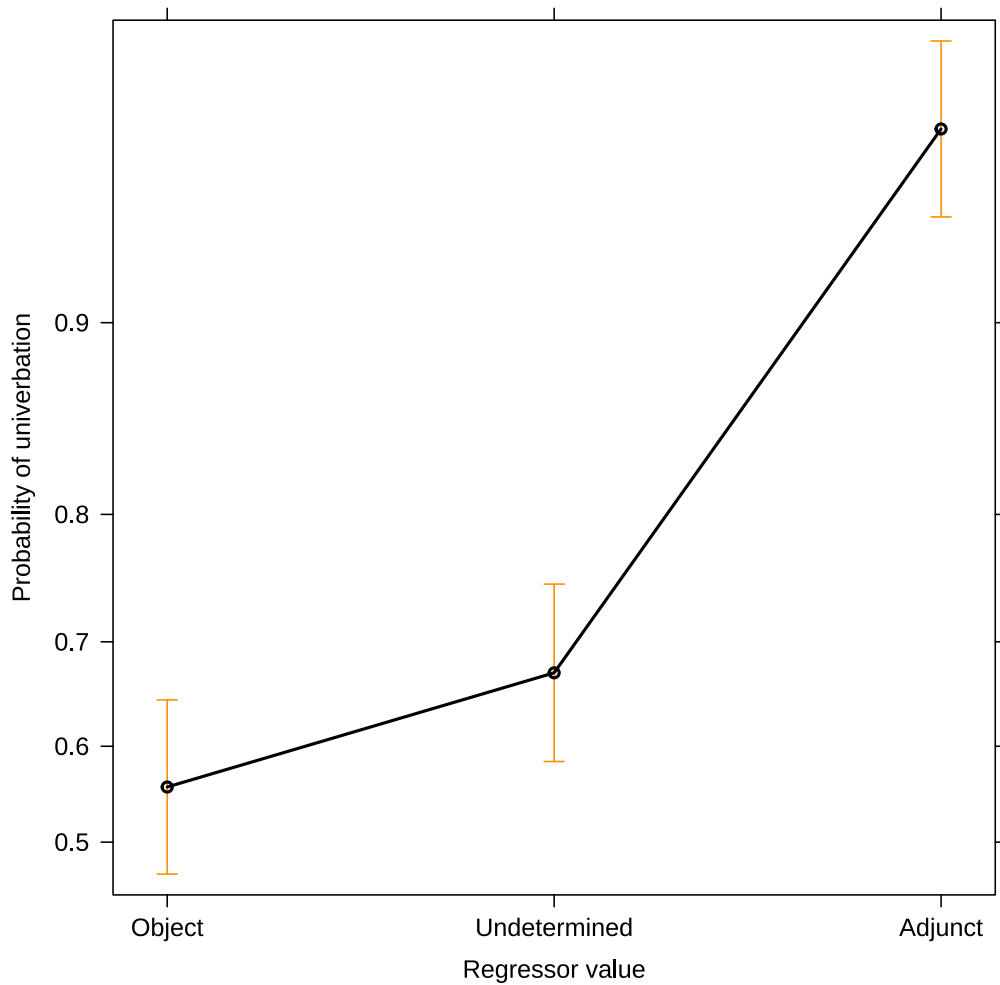
**Keywords:** univerbation, prototypes, production experiments, corpus data, German

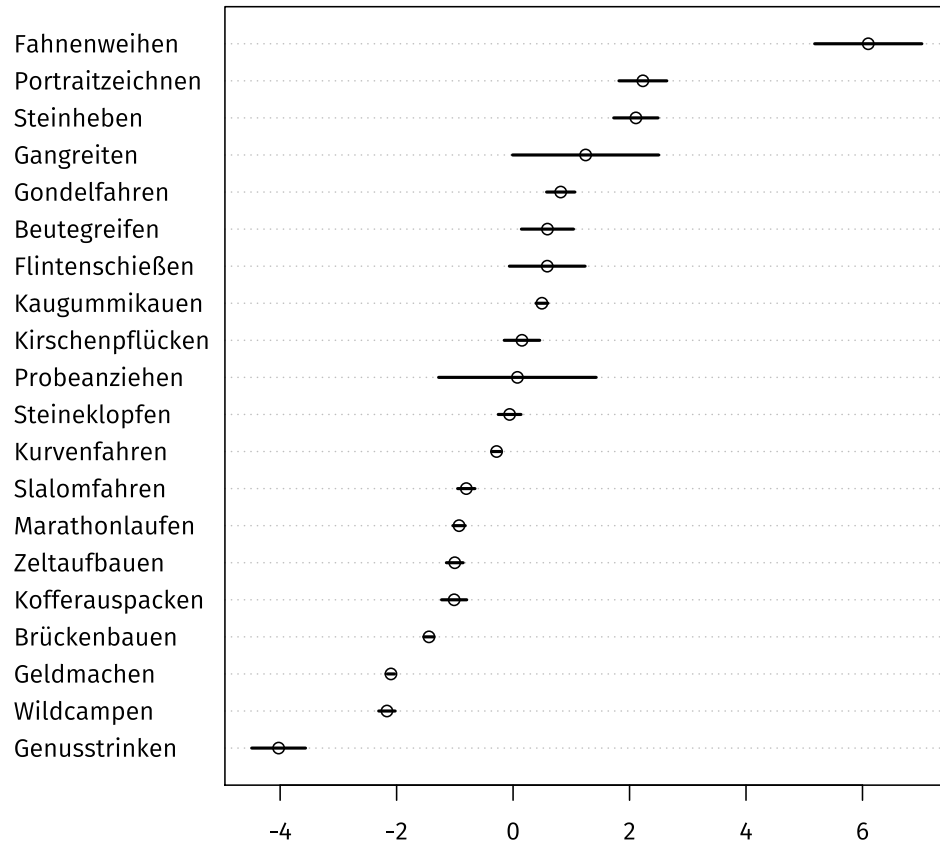
- 1 The form and history of noun-verb units in German**
- 2 The status of noun-verb units?**
- 3 Corpus-based analysis of the usage of verb-noun units**

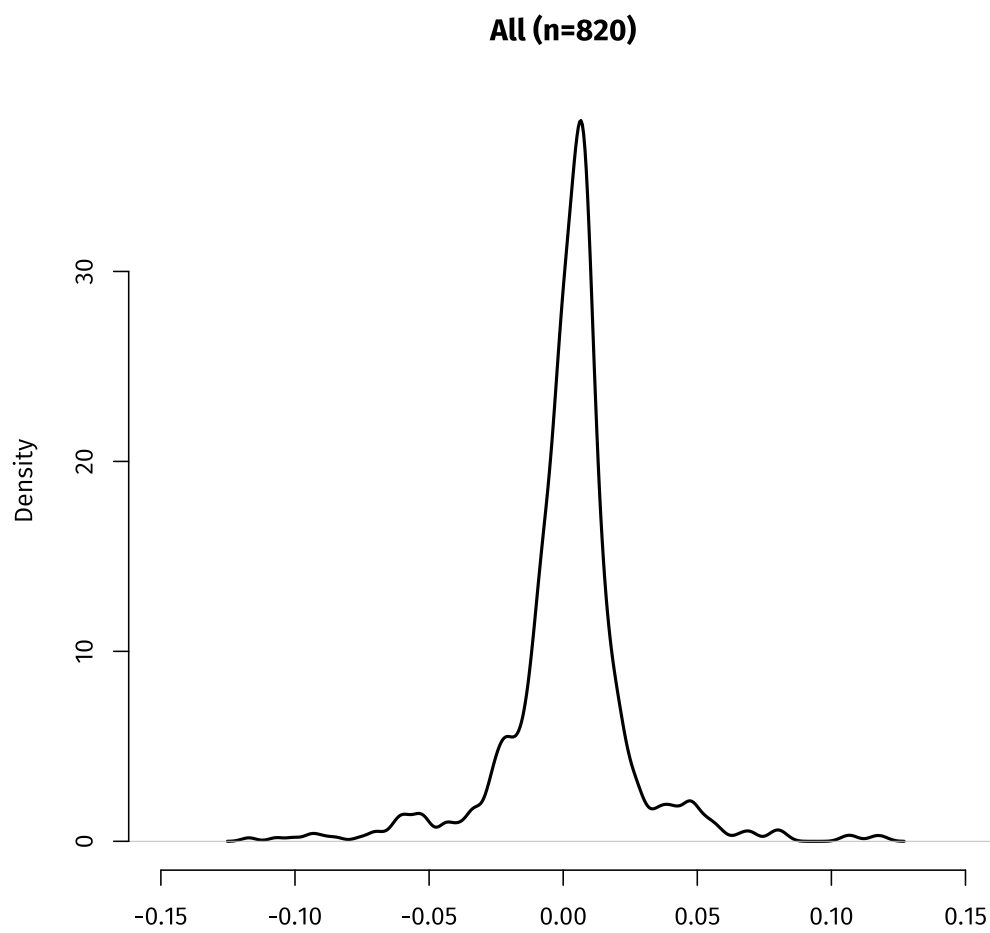
In this section, we do  $1 + 1 = 2$  and  $\alpha$  and  $\omega$ .

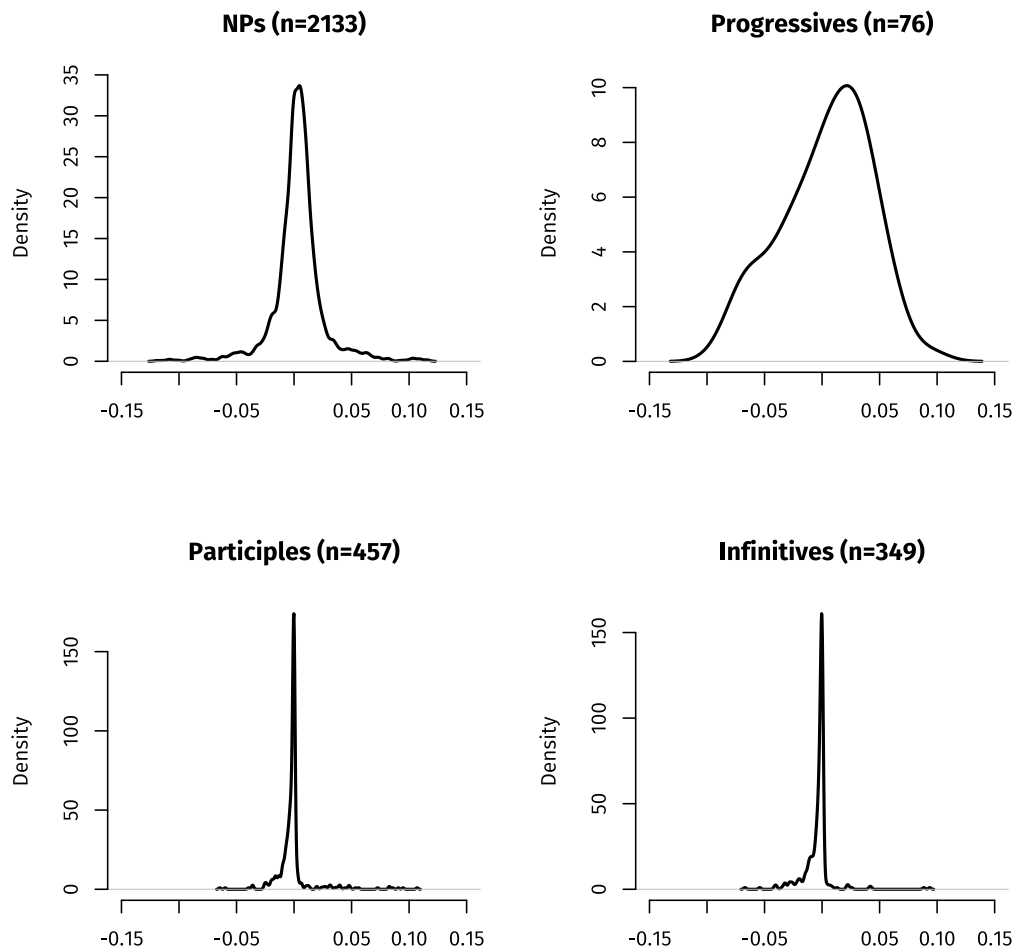
	Estimate	CI low	CI high
(Intercept)	-0.492	-0.716	-0.267
RelationUndetermined	1.623	1.138	2.107
RelationAdjunct	3.048	2.720	3.381
LinkbinaryYes	0.362	0.013	0.717

**Table 1:** Coefficient table for the corpus GLMM. Nakagawa & Schielzeth's  $R_m^2 = 0.299$  and  $R_c^2 = 1.000$ . Random effect for V+N lemma: Intercept = 4.593, sd = 2.143.









#### 4 Elicited production of noun-verb units in written language

#### 5 Explaining the process of noun-verb univerbation

### Acknowledgments

V+N Unit	Association	Relation
Teilhabe	0.185	Object
Radfahren	0.180	Undetermined
Computerspielen	0.137	Adjunct
Zeitreisen	0.119	Adjunct
Skifahren	0.116	Adjunct
Autofahren	0.108	Undetermined
Probefahren	0.105	Adjunct
Bogenschießen	0.082	Undetermined
Schiffahren	0.080	Undetermined
Windsurfen	0.080	Adjunct

**Table 2:** Top ten V+N units with a strong tendency for universion.

V+N Unit	Association	Relation
Klavierspielen	0.009	Object
Theaterspielen	0.008	Undetermined
Filmmachen	0.008	Object
Autowaschen	0.007	Object
Zigarettenrauchen	0.006	Object
Haarewaschen	0.003	Object
Notenlesen	0.002	Object
Golfspielen	-0.001	Object
Wasserholen	-0.009	Object
Haarschneiden	-0.009	Object

**Table 3:** Top ten V+N units with no tendency for or against universion.

V+N Unit	Association	Relation
Gedankenmachen	-0.162	Object
Geldverdienen	-0.144	Object
Rechtgeben	-0.123	Object
Spaßhaben	-0.117	Object
Rechthaben	-0.107	Object
Kinderhaben	-0.101	Object
Zeitnehmen	-0.095	Object
Auftraggeben	-0.093	Object
Fehlermachen	-0.089	Object
Urlaubmachen	-0.085	Object

**Table 4:** Top ten V+N units with a strong tendency against univerbation.