Linking elements in German can have plural semantics

Roland Schäfer

Deutsche und niederländische Philologie, Freie Universität Berlin Habelschwerdter Allee 45, 14195 Berlin roland.schaefer@fu-berlin.de Elizabeth Pankratz Institut für deutsche Sprache und Linguistik, Humboldt Universität Berlin Dorotheenstraße 24, 10117 Berlin epankrat@ualberta.ca

Abstract ...

Keywords: probabilistic grammar, compounding, linking elements, split-100 experiments, corpus data, German

1 Probabilistic grammar

2 Linking elements in German

3 Experiments

3.1 Corpus study

Gelman & Hill (2006)

$$(1) y = \alpha + \beta_1 \cdot x_1$$

(2)
$$\alpha \sim \mathcal{N}(\mu, \sigma^2)$$

x <- 1

3.2 Split-100 experiment

4 Discussion

Acknowledgments

We would like to thank (in alphabetical order) Ulrike Sayatz for valuable discussions and comments. Furthermore, we thank Ulrike Sayatz for helping us to recruit the participants for the experiments. We are fully responsible for all residual adequacies, errors, and omissions. Roland Schäfer's work on this project was funded in part by the *Deutsche Forschungsgemeinschaft* (DFG, personal grant SCHA1916/1-1).

References

Gelman, Andrew & Jennifer Hill. 2006. *Data analysis using regression and multilevel/hierarchical models*. Cambridge: Cambridge University Press.