

Marion Krause  
Universität Hamburg  
[marion.krause@uni-hamburg.de](mailto:marion.krause@uni-hamburg.de)

Slavic languages: Russian, BKS; special studies: Polish, Czech

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Abstract

**Statistical modelling in psycholinguistic research on accents and attitudes: problems and solutions**

Recent psycholinguistic research scrutinizes basic assumptions of previous research paradigms about the features of factors and variables under issue. Widely-used statistical procedures like ANOVA base on the assumption of the orthogonal, independent distribution of factors and their gradations. But in fact the material of a large part of psycholinguistic research doesn't comply with these requests. On this background, new methods are currently under discussion. The paper aims to explicate the main problems of statistical modelling comparing traditional approaches with newly introduced ones on the basis of empirical research on accents and attitudes.