

# Papers in Historical Phonology

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# Modelling frequency effects in sound change chains

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#### 1 Methods

Four simulations were implemented in R [@r-core-team2017] to test the behaviour of the model described in ... The simulation starts with the creation of a lexicon of 100 lexical items. 50 words are assigned to the BART category, while the remaining 50 to the BAT category. Within each category, lexical frequency from 1 to 50 is assigned to each lexical item, so that there are a BART and a BAT word of frequency 1, a BART and a BAT word of frequency 2, etc.

#### **Comments invited**

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