

Quantitative features in science-popular texts: text difficulty

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Hypothesis

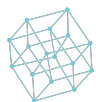
- texts about physics, math and space ('exact' science) are more difficult, than about humanities
- difficulty of media sources is different



Data

Sources

N+1



Индикатор

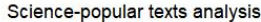


ПОЛИТ.РУ



Variables

- quantitative features:
- readability indexes
- dictionaries
- POS-tags





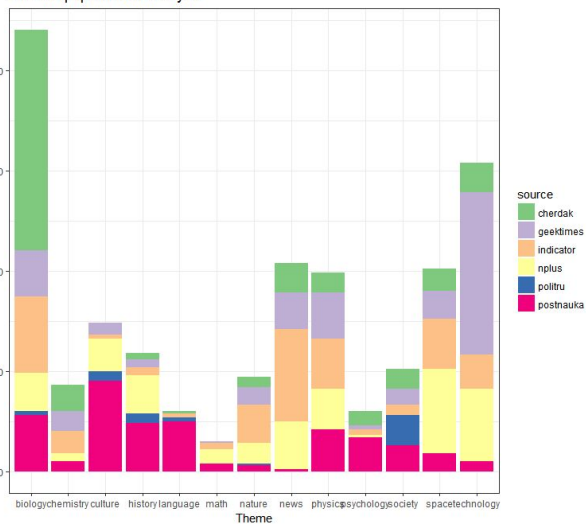
Descriptive analysis



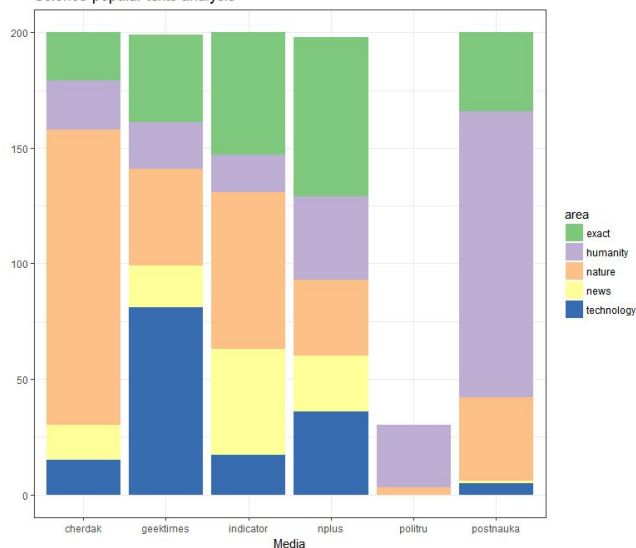
Thems and sources distribution



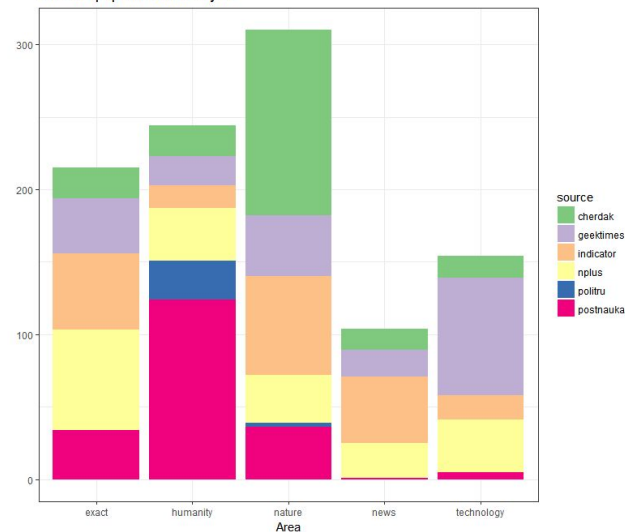
Science-popular texts analysis



Science-popular texts analysis



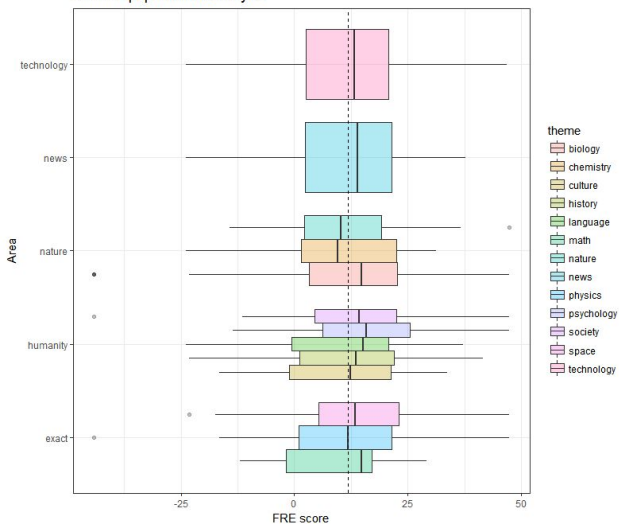
Science-popular texts analysis



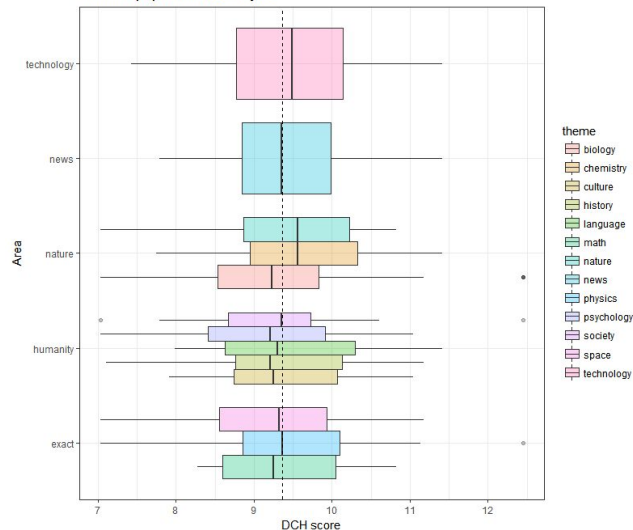
Difficulty distribution



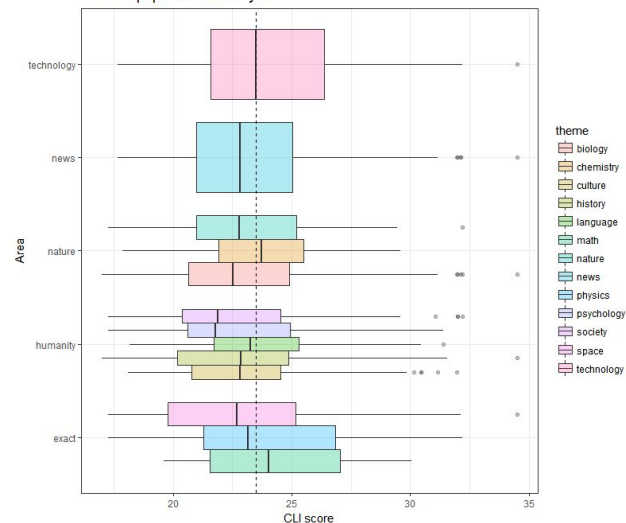
Science-popular texts analysis



Science-popular texts analysis



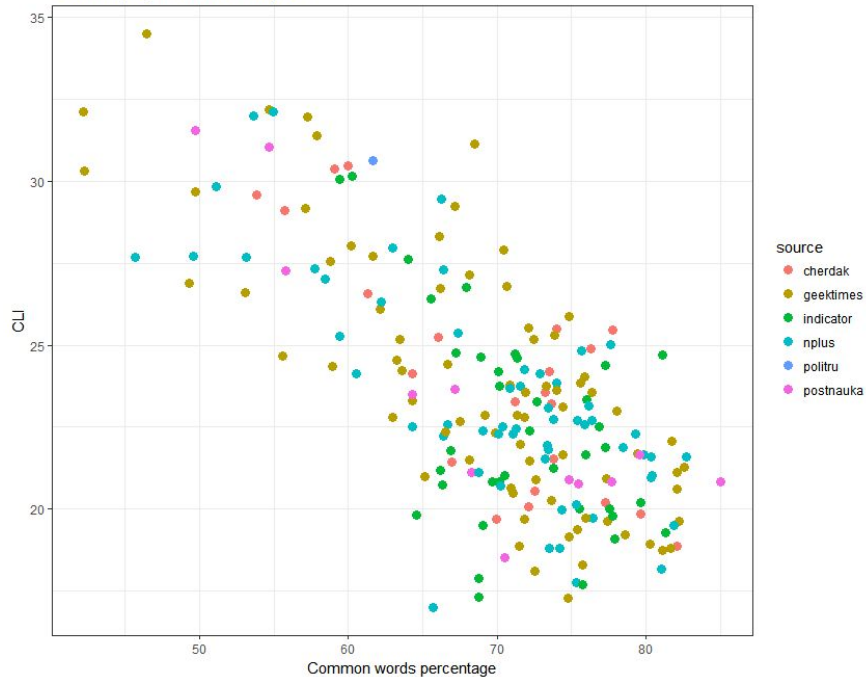
Science-popular texts analysis



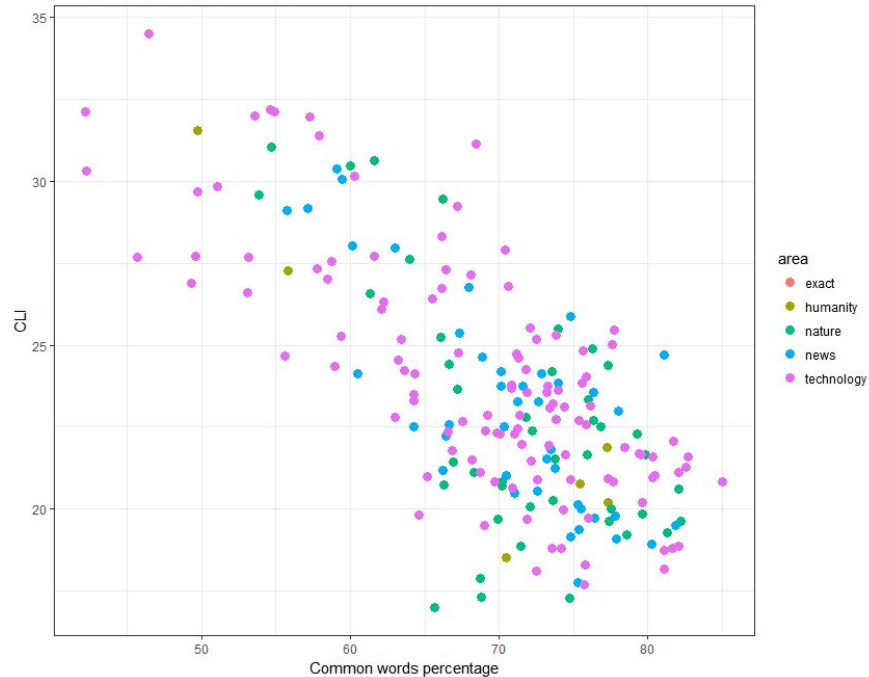
Common words in science and media



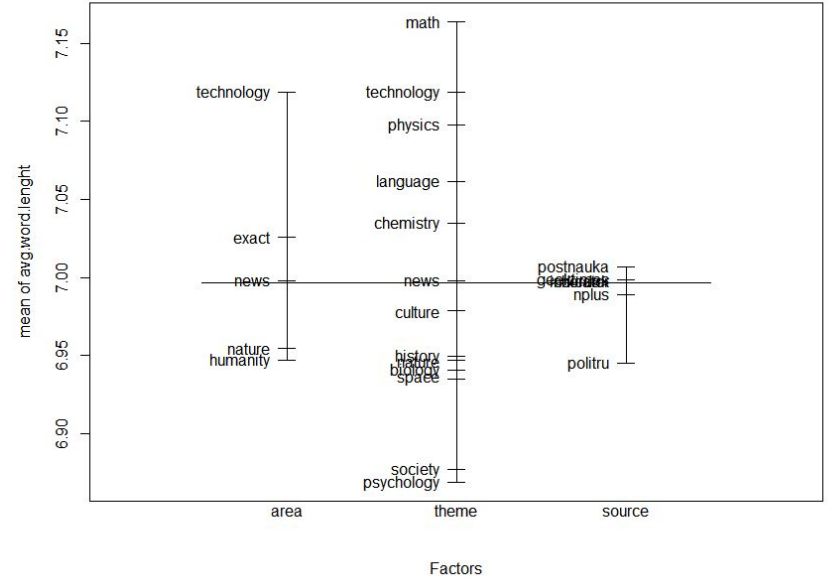
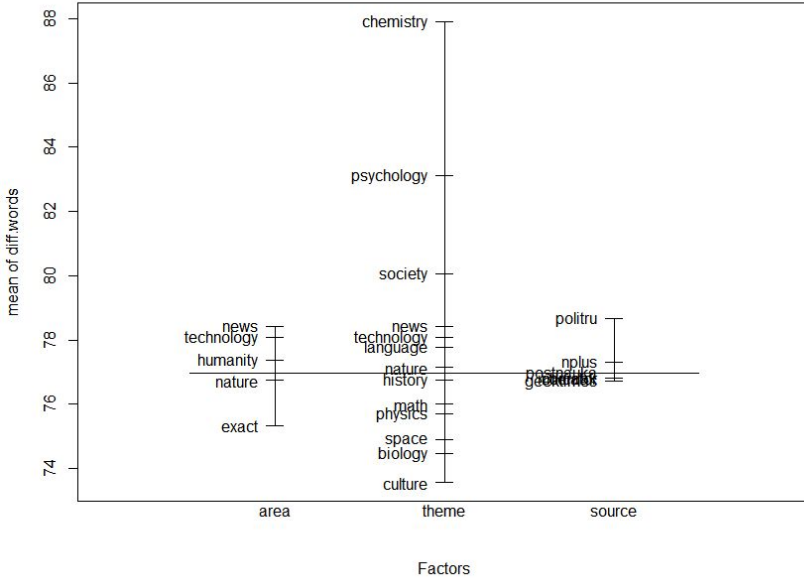
Science-popular texts analysis



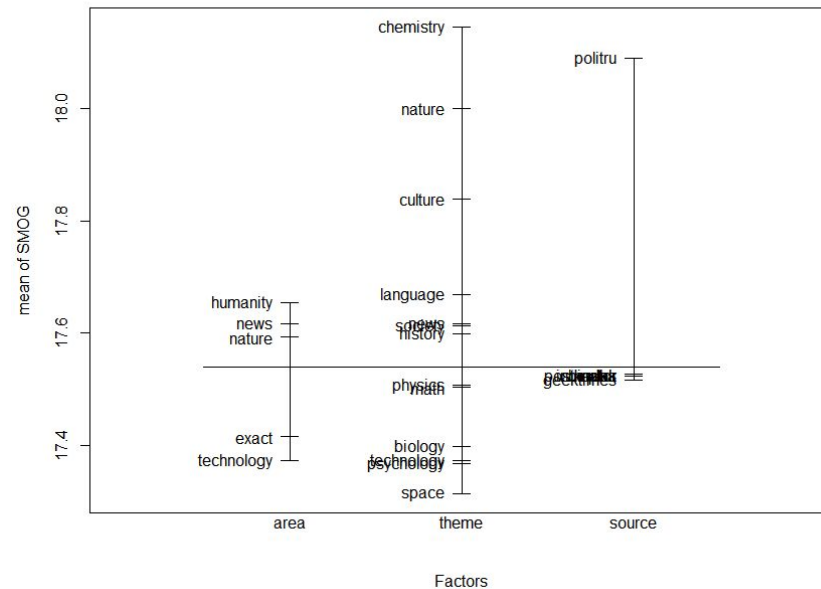
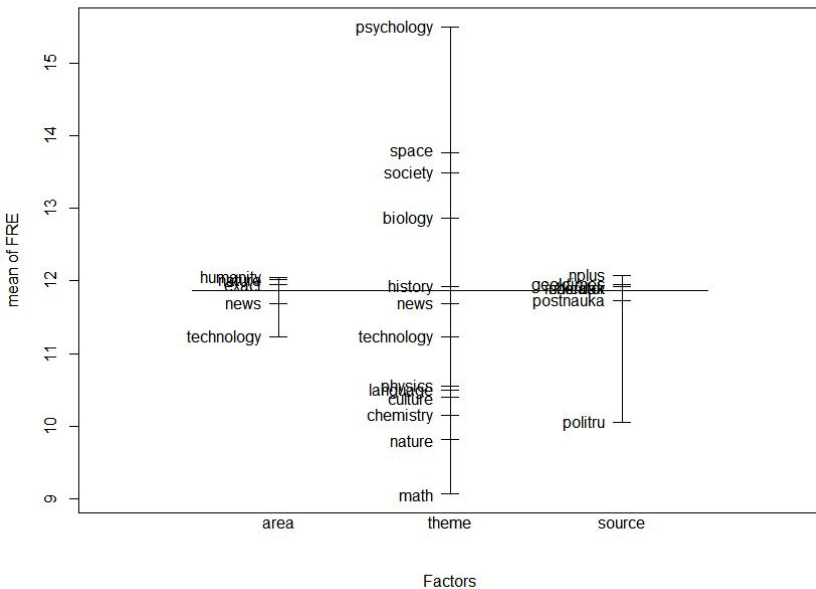
Science-popular texts analysis



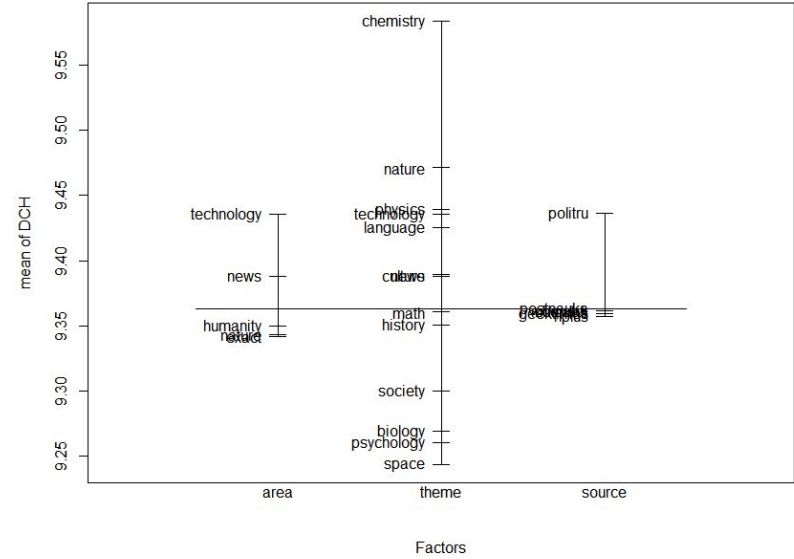
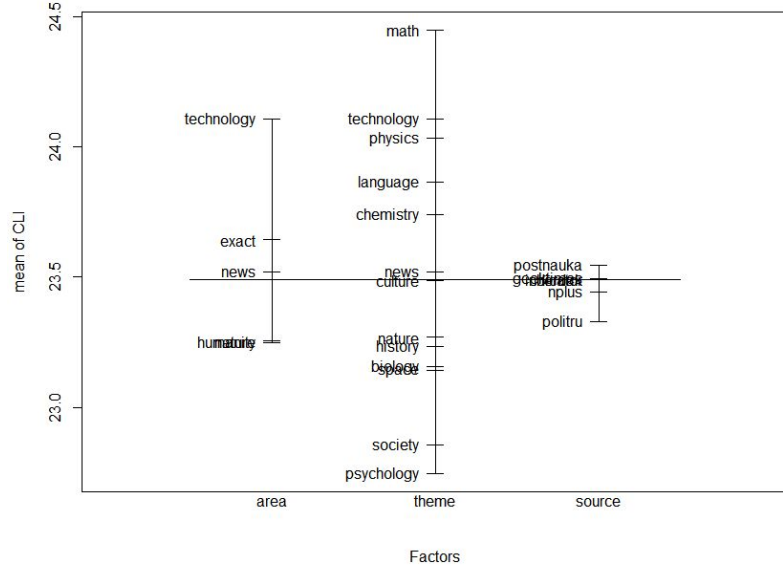
Data summary



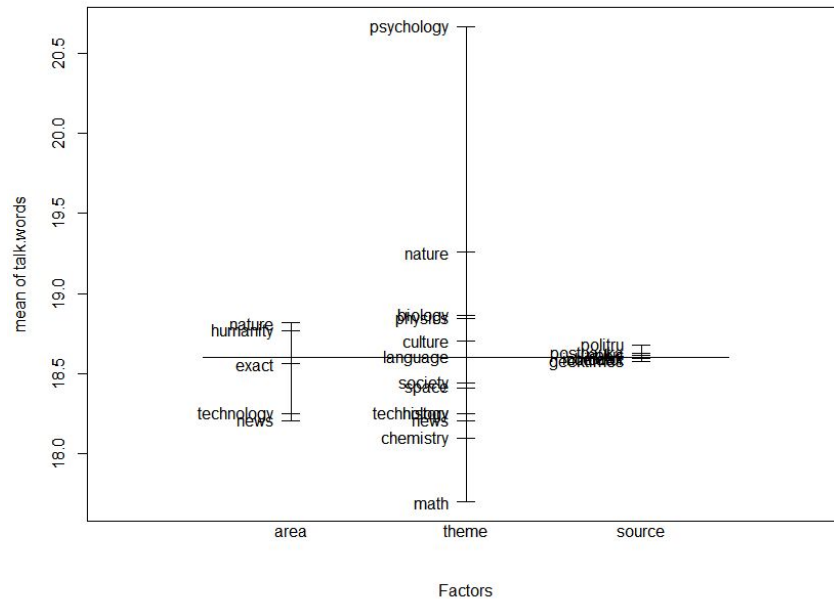
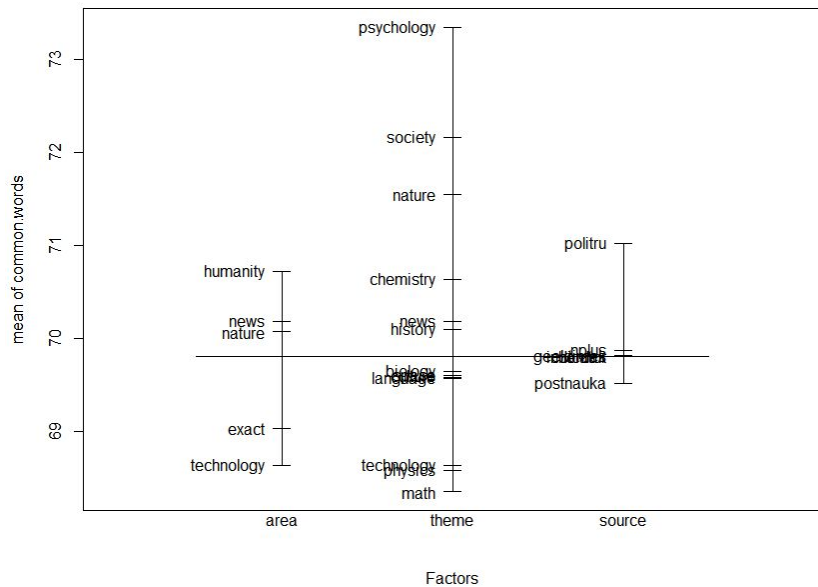
Data summary



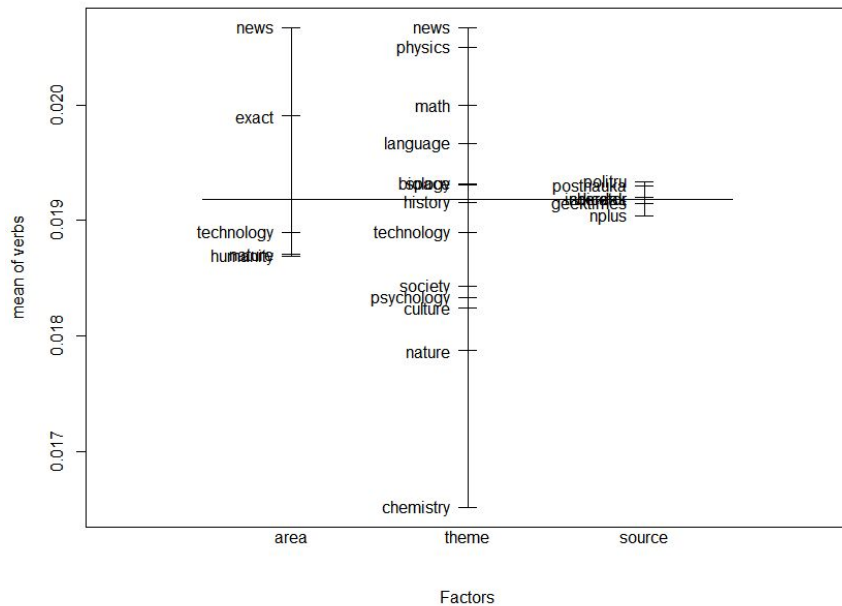
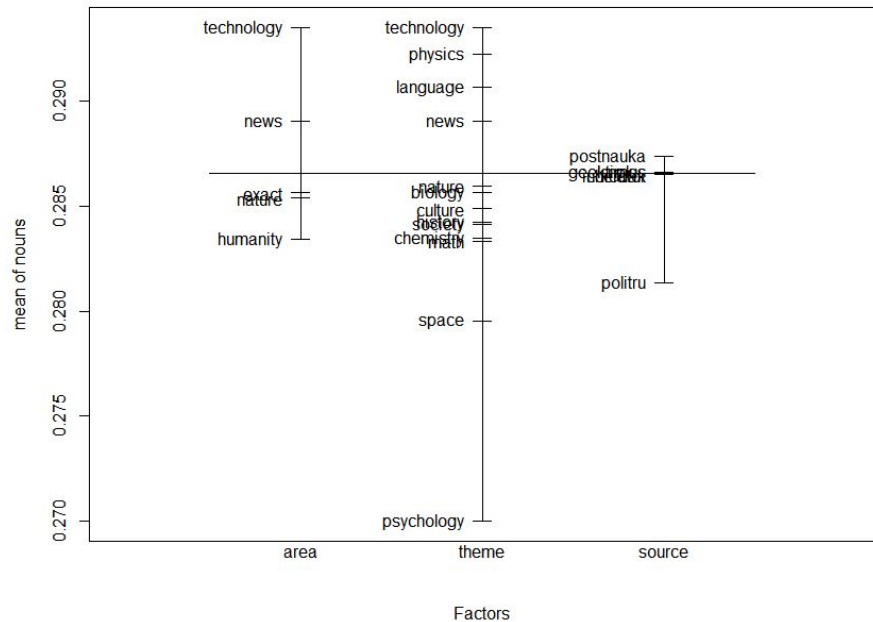
Data summary



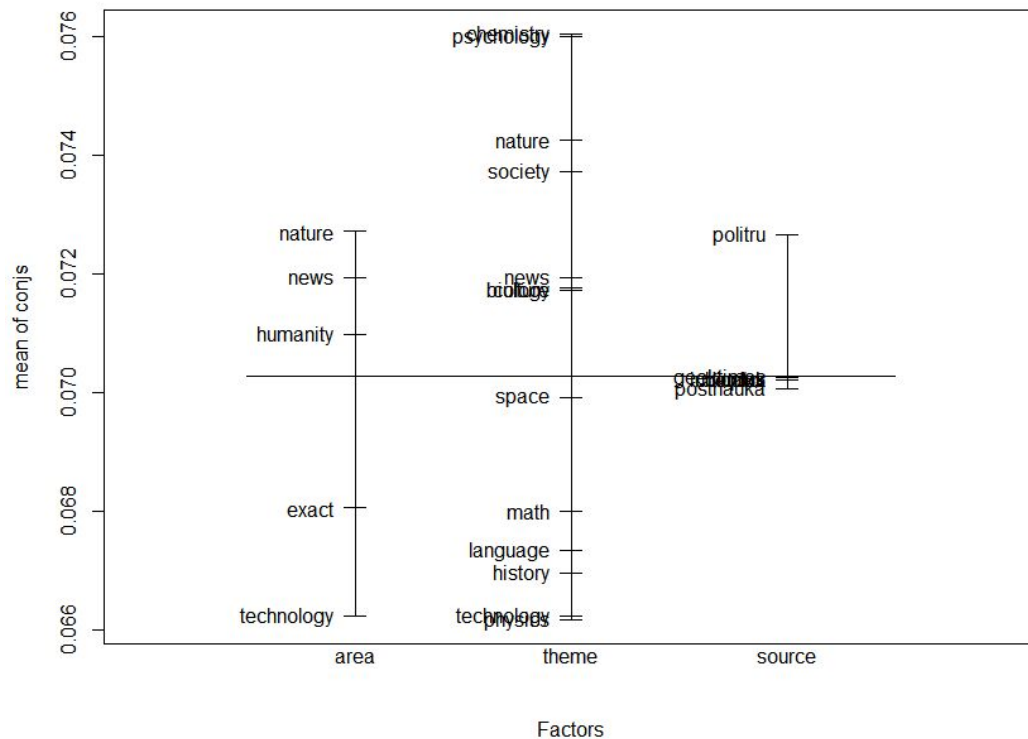
Data summary



Data Summary



Data summary





Correlations

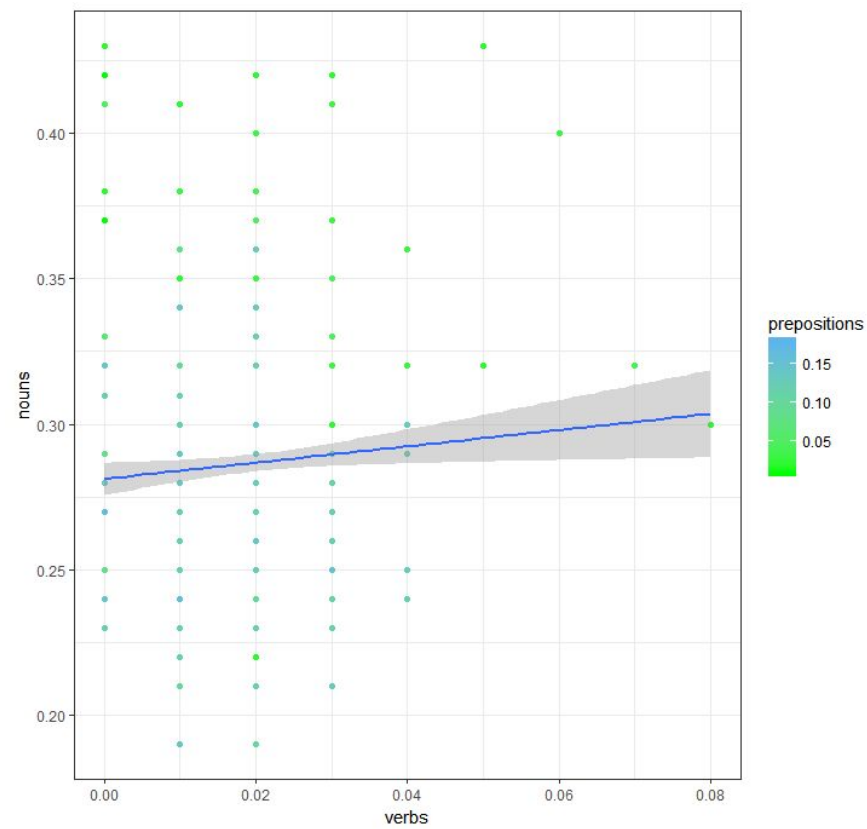
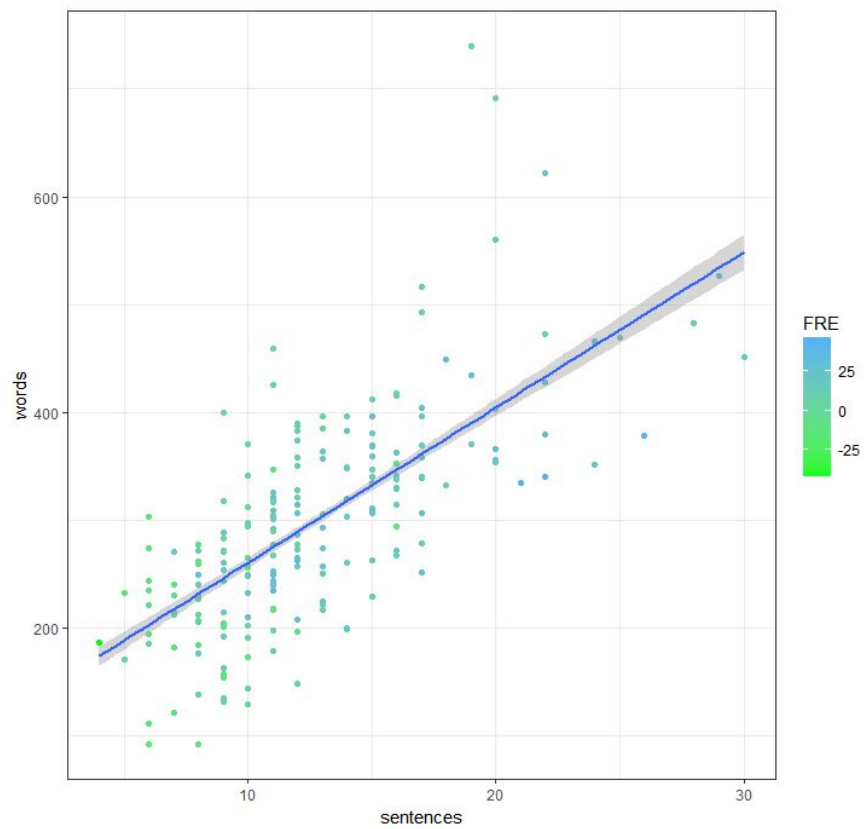


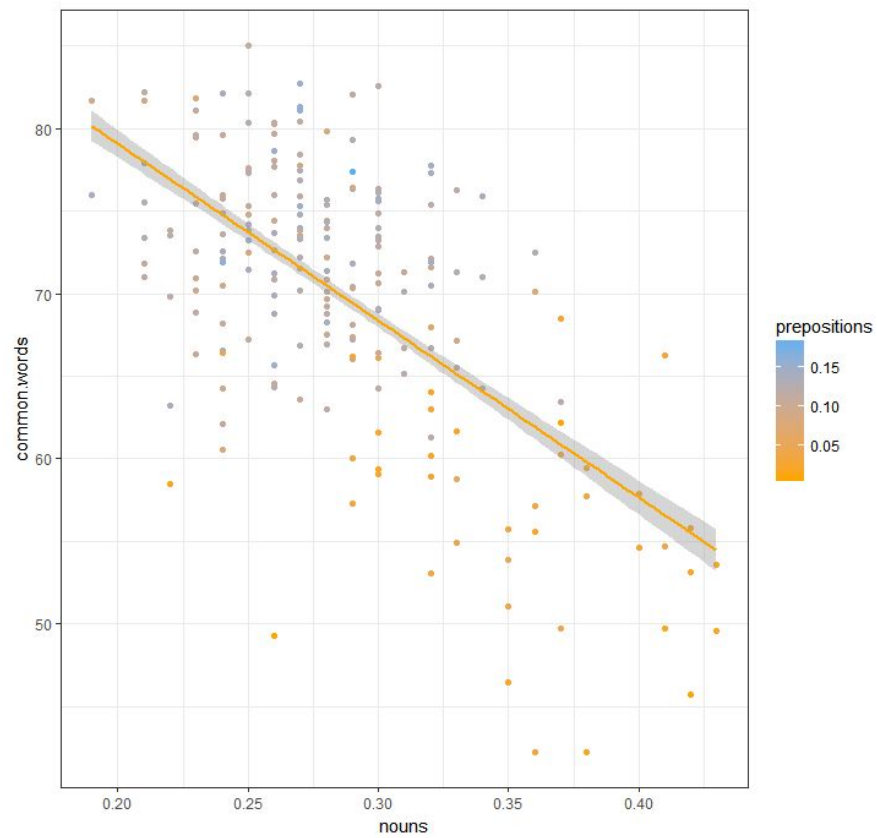
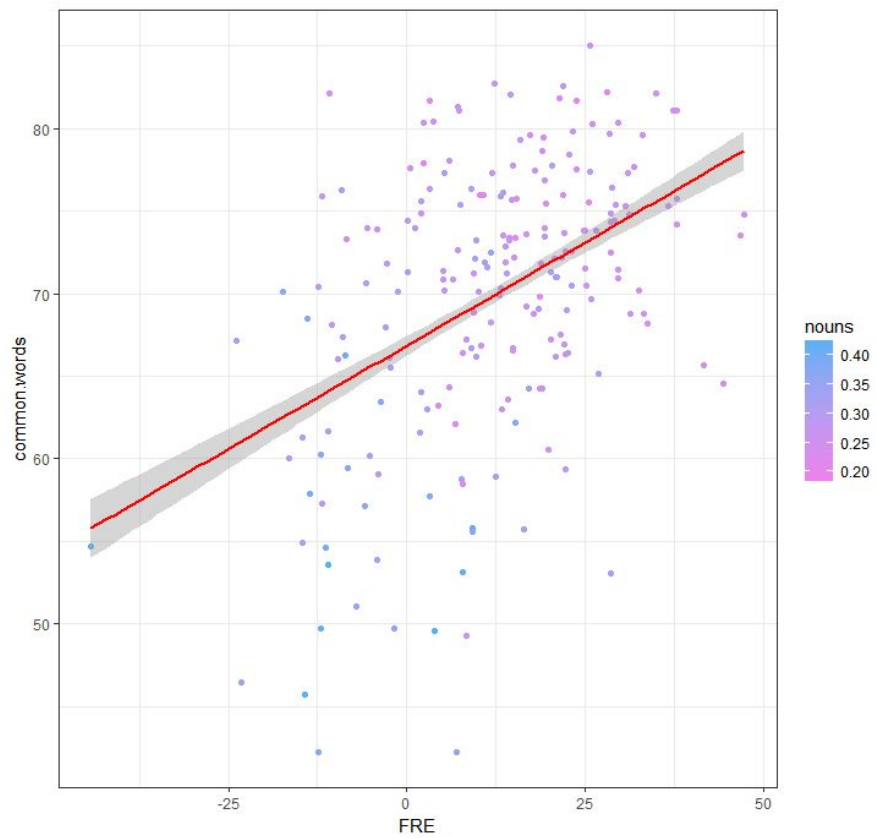


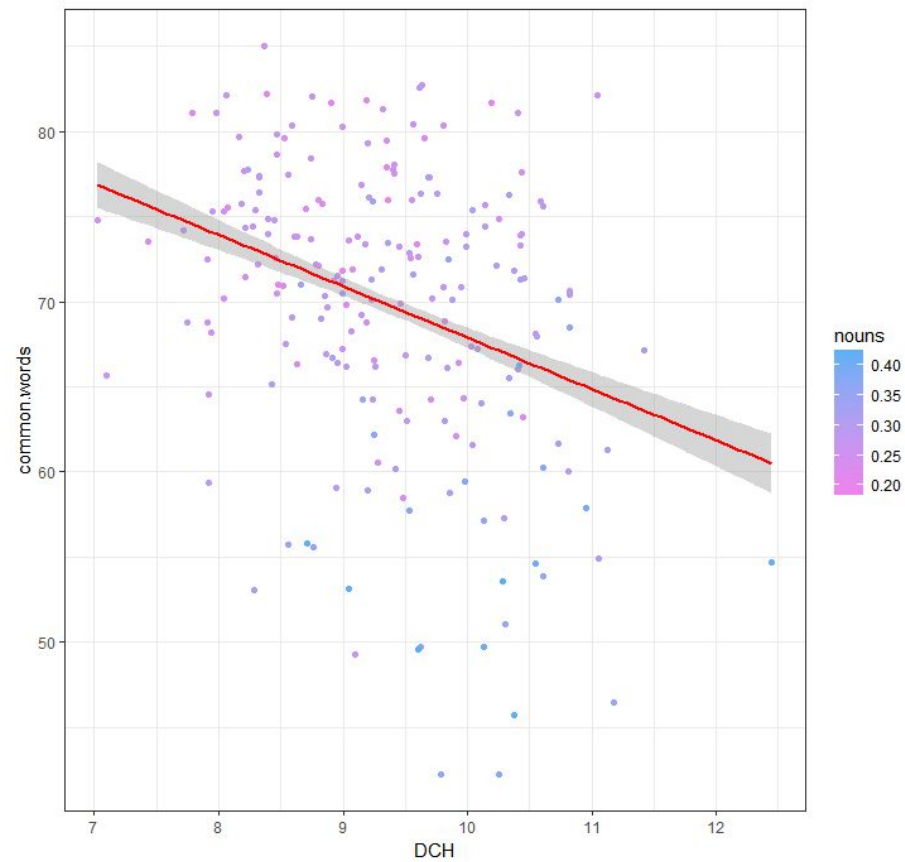
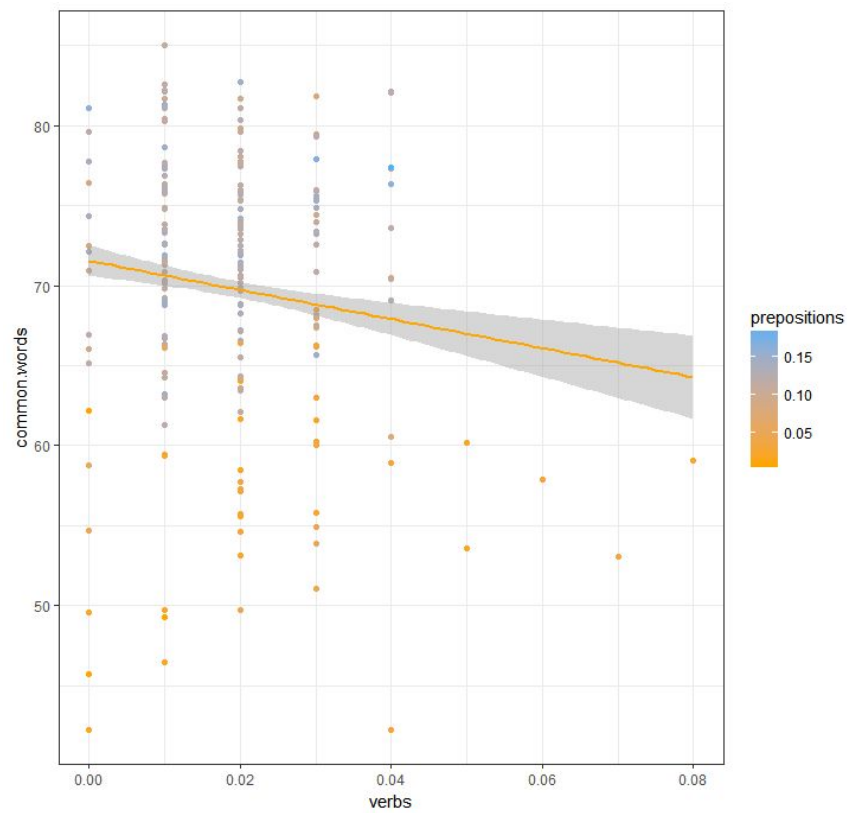


Regressions



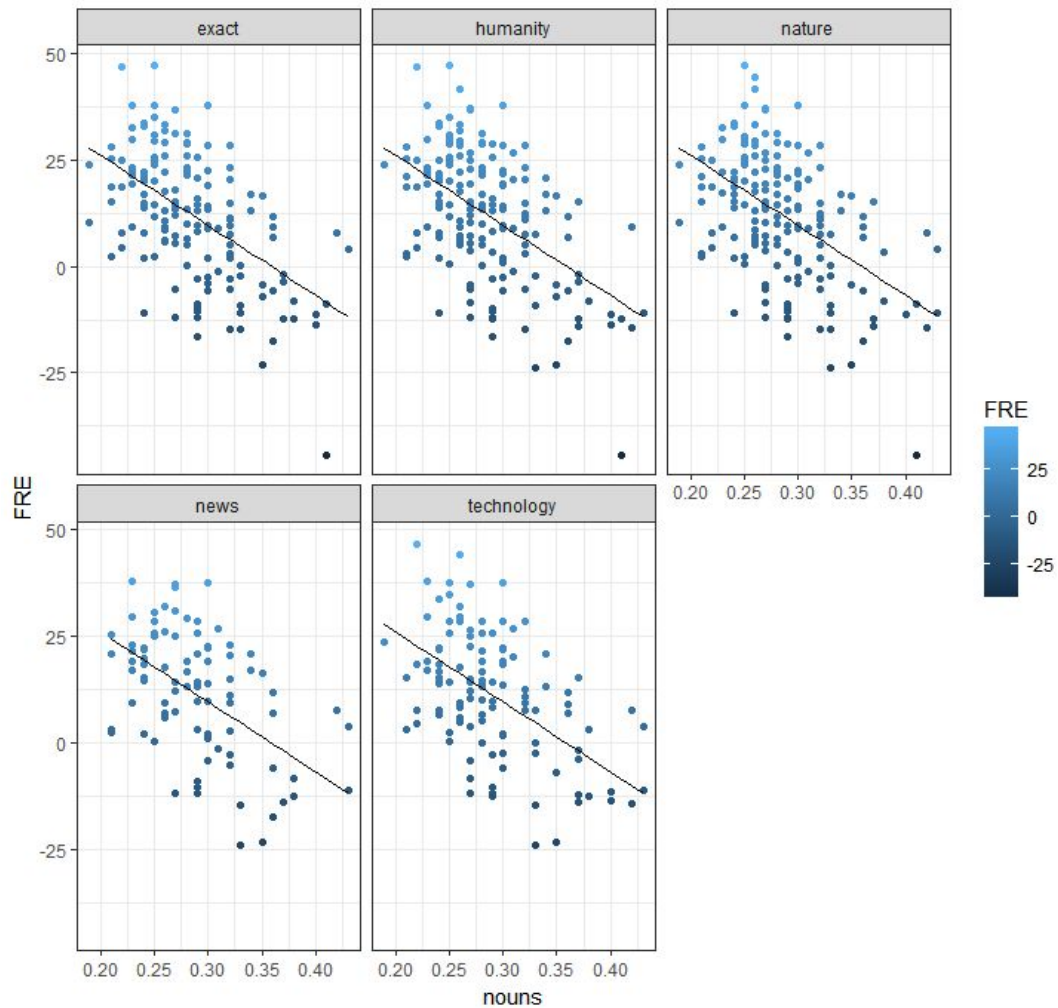


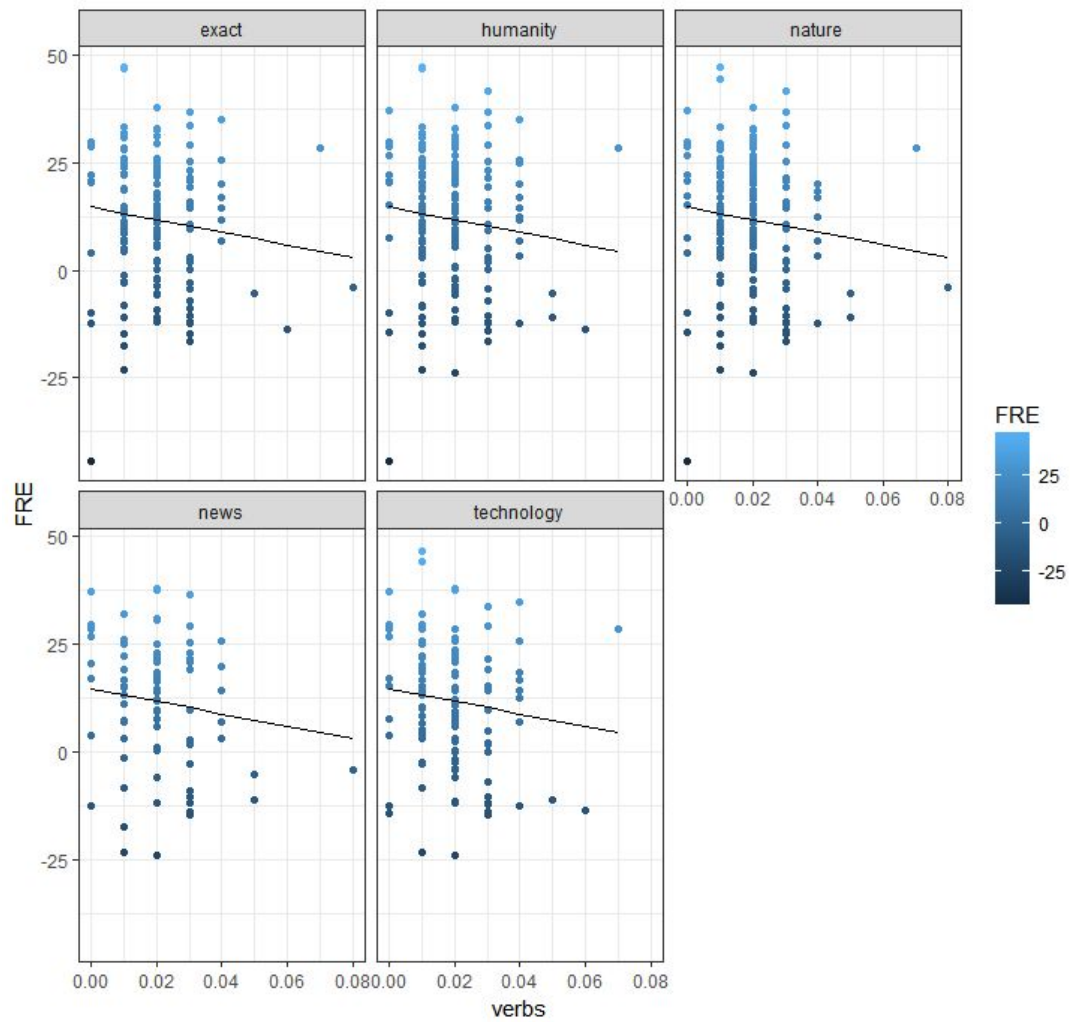


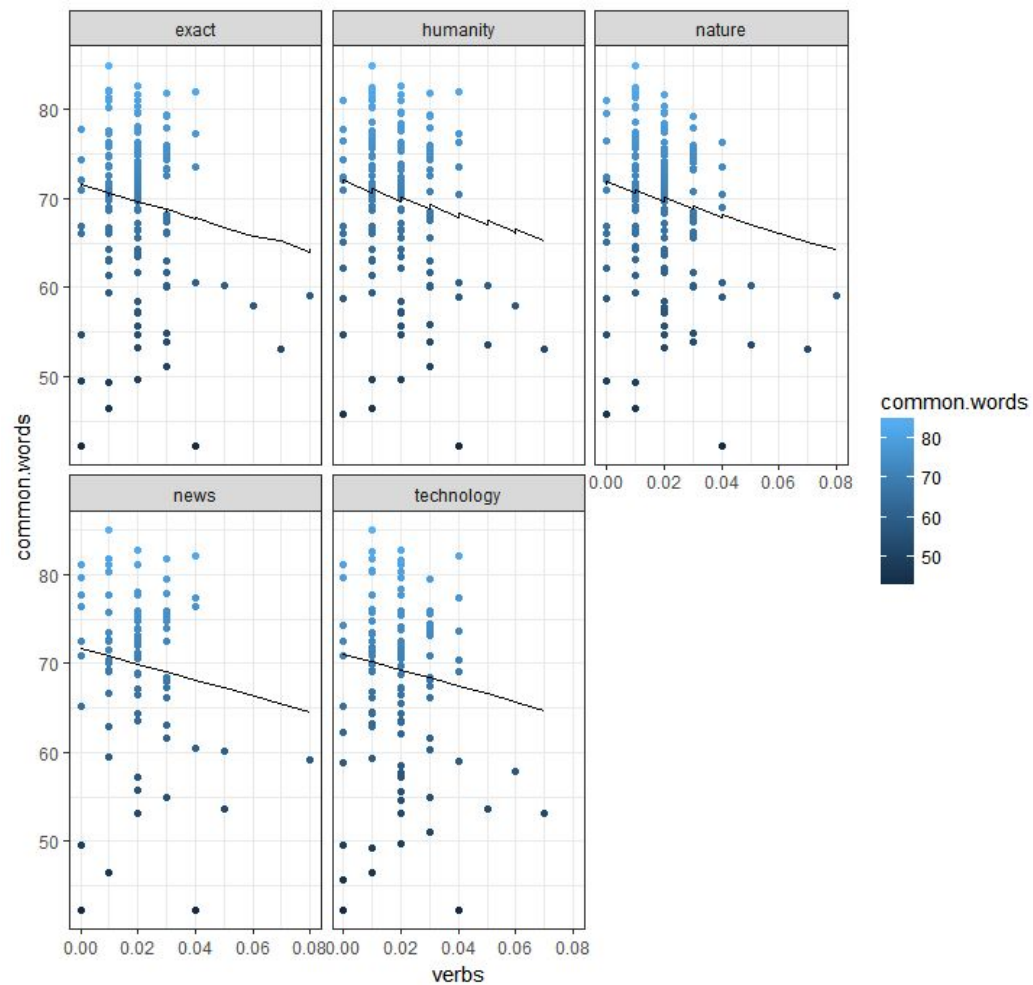




Mixed-effect model







scipop.pca2

