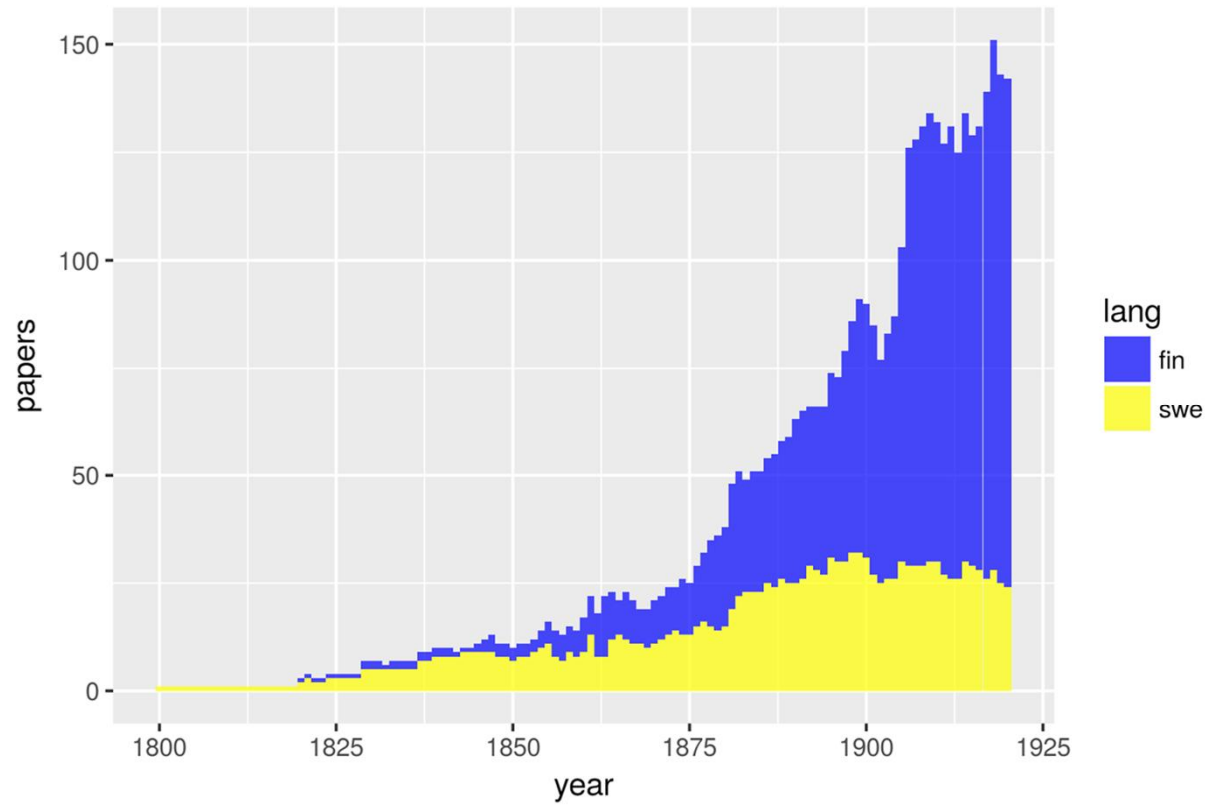
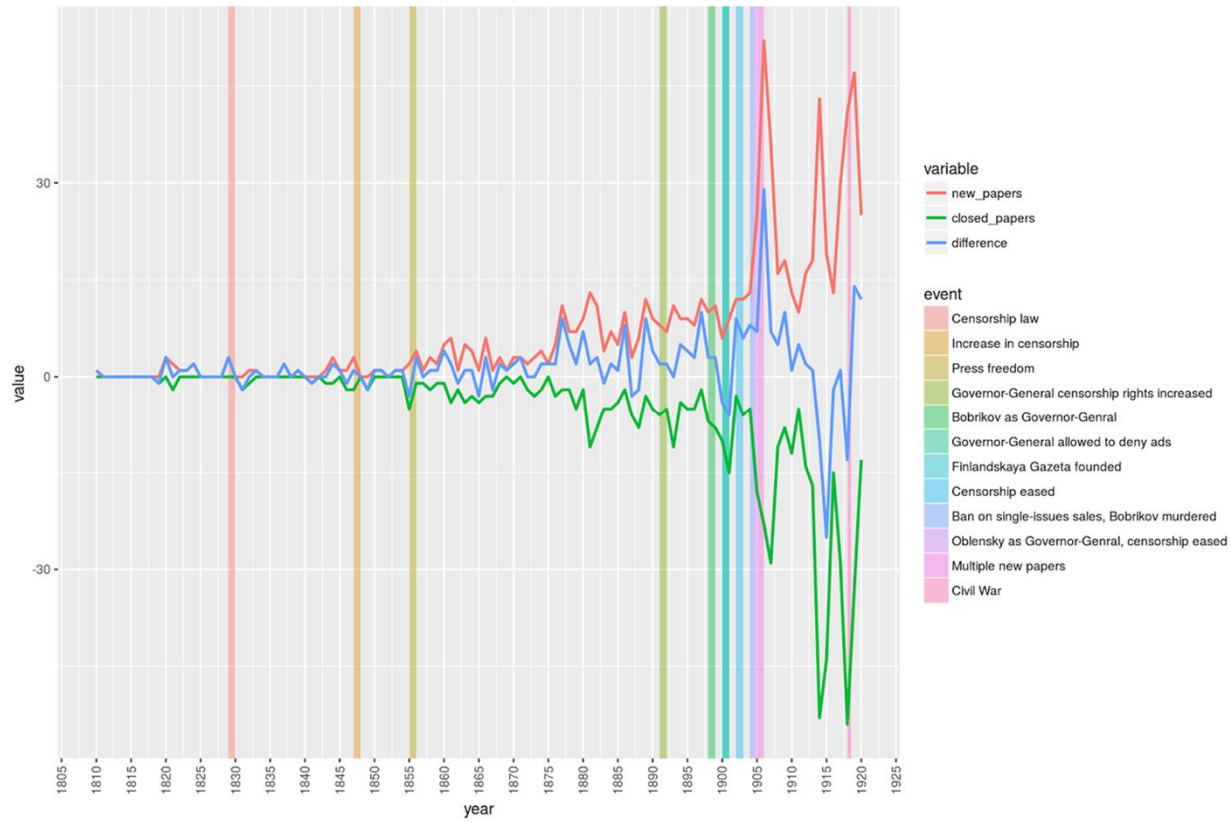


Analysing the Language, Location and Form of Newspapers in Finland, 1771-1910

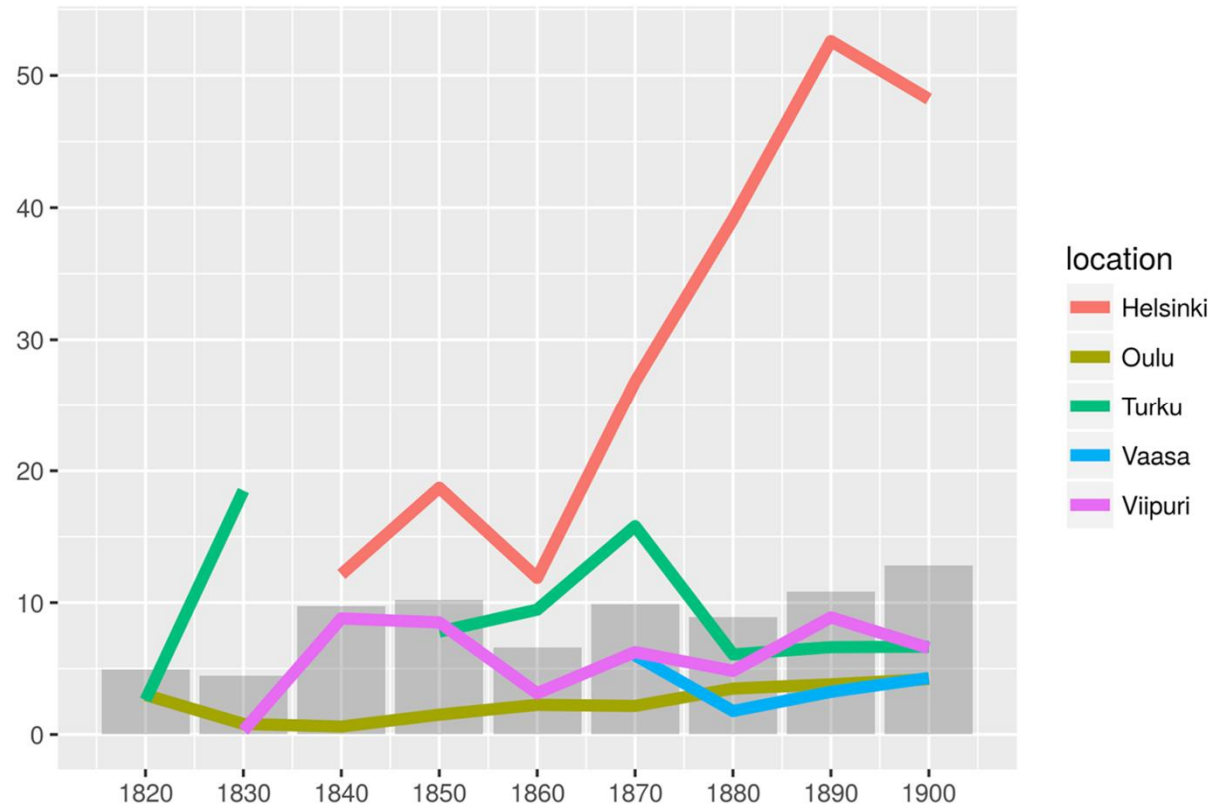
Jani Marjanen, Ville Vaara, Antti Kanner, Hege Roivainen, University of Helsinki, Eetu Mäkelä, Aalto university, Leo Lahti, University of Turku, Mikko Tolonen University of Helsinki



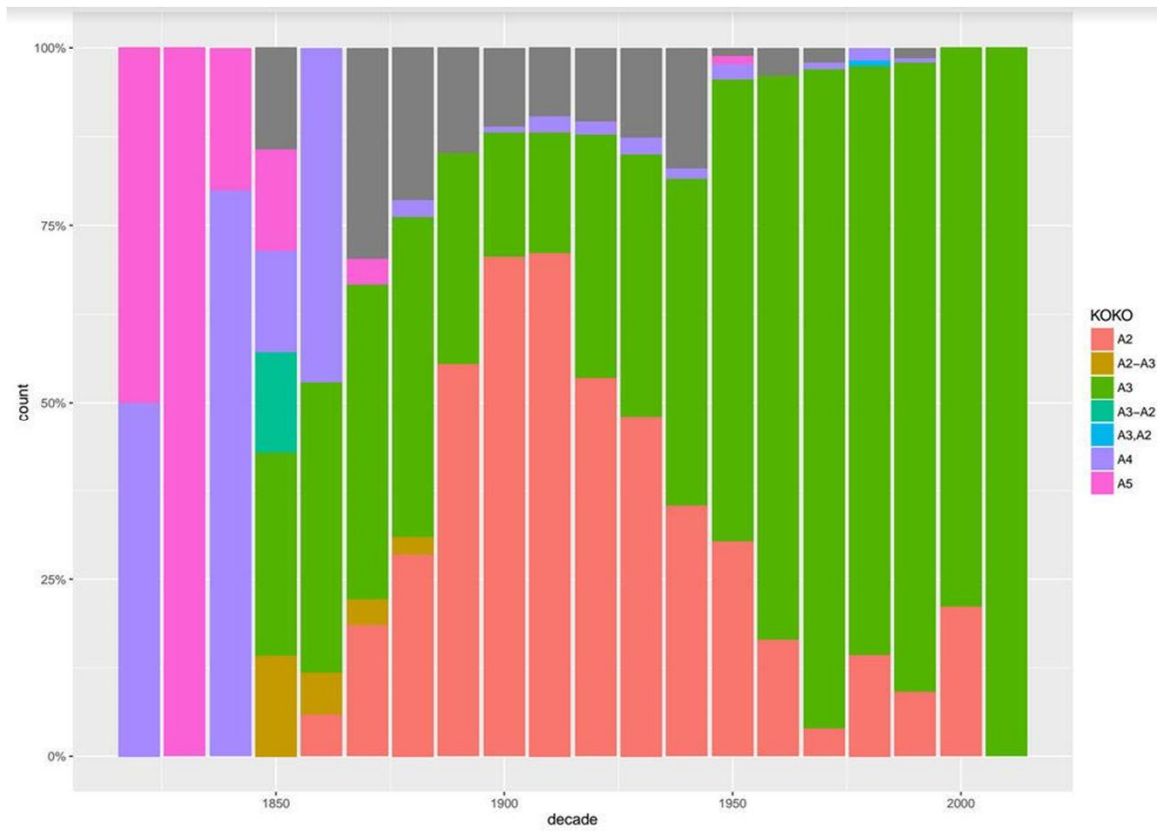
Timeline count of number of different newspapers published per year in different languages, 1800-1920



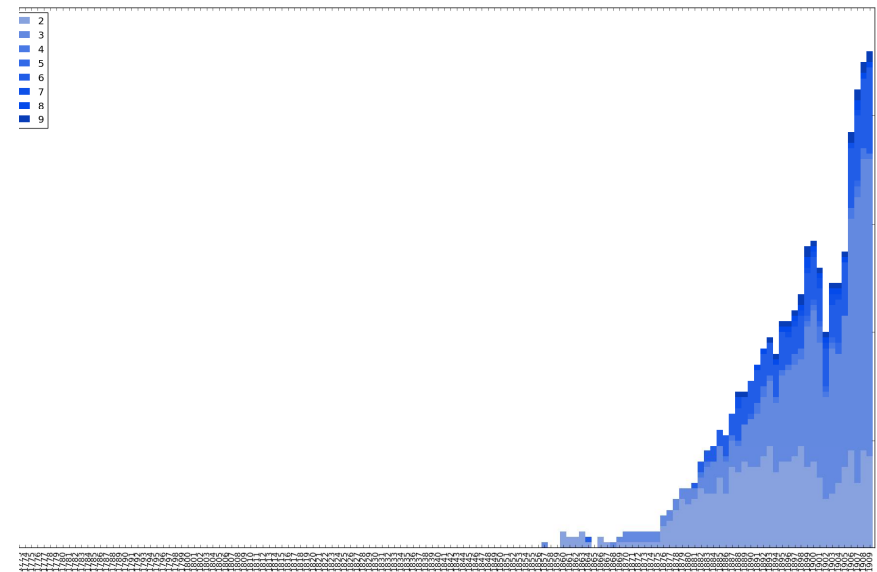
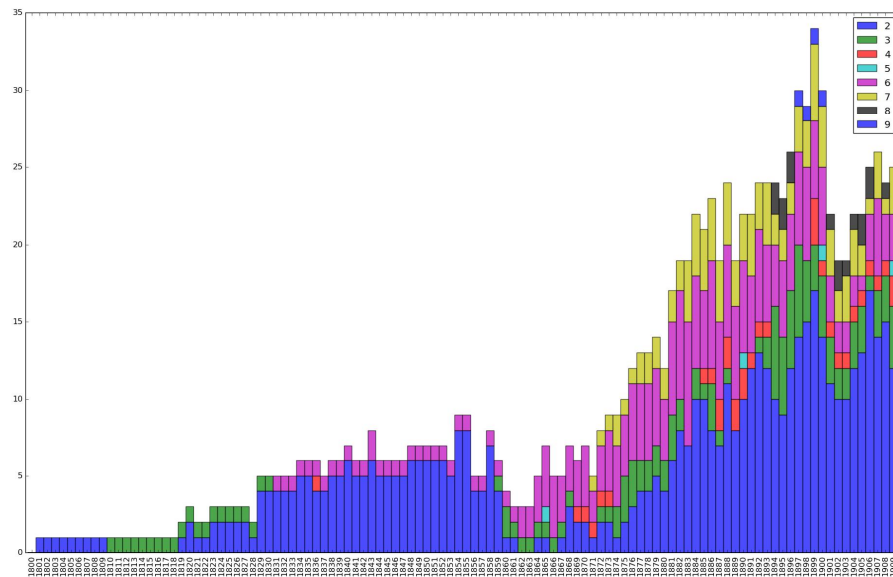
Foundation of new papers and termination of old papers 1810-1920



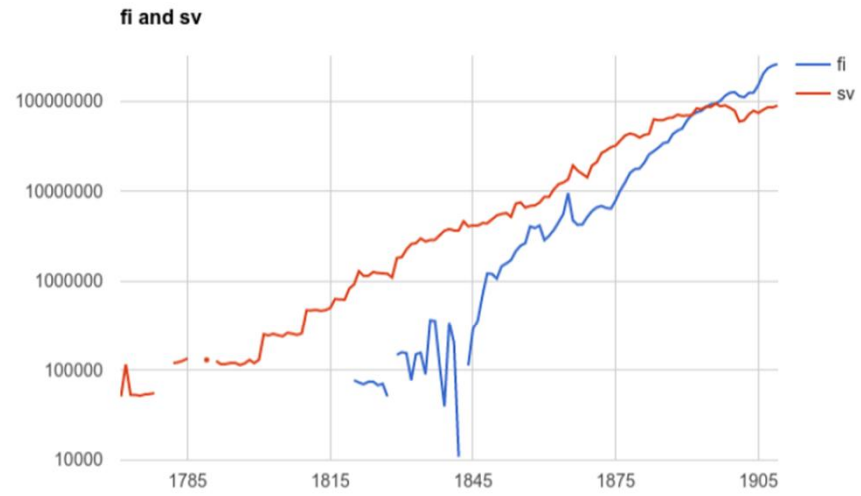
Published books / newspapers in Finnish, overall by decade and by top five cities



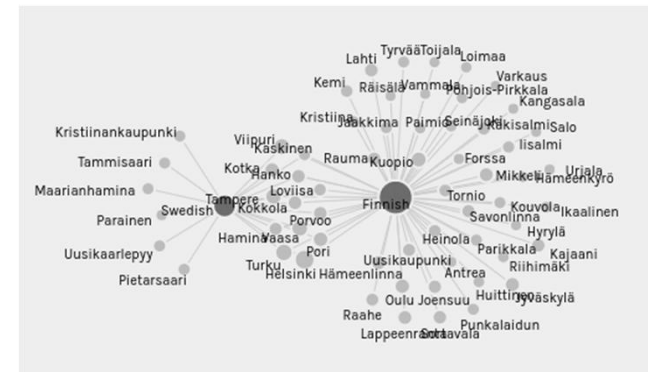
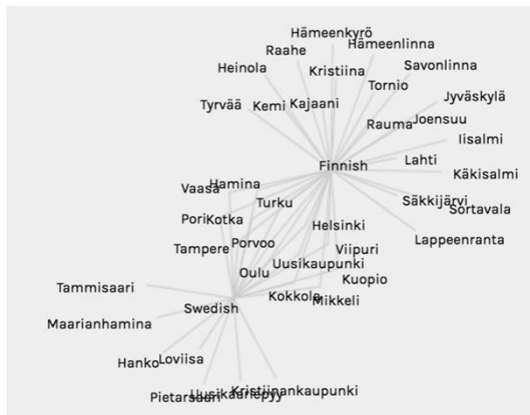
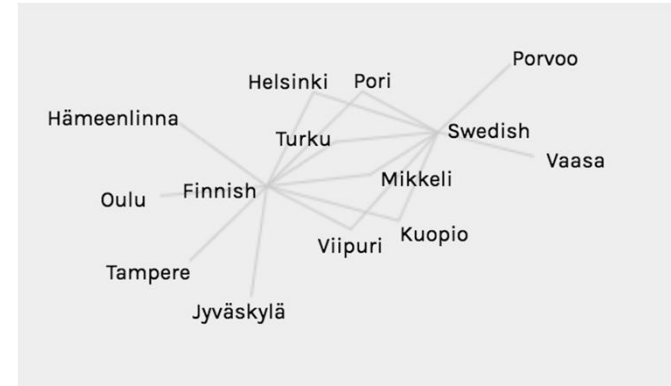
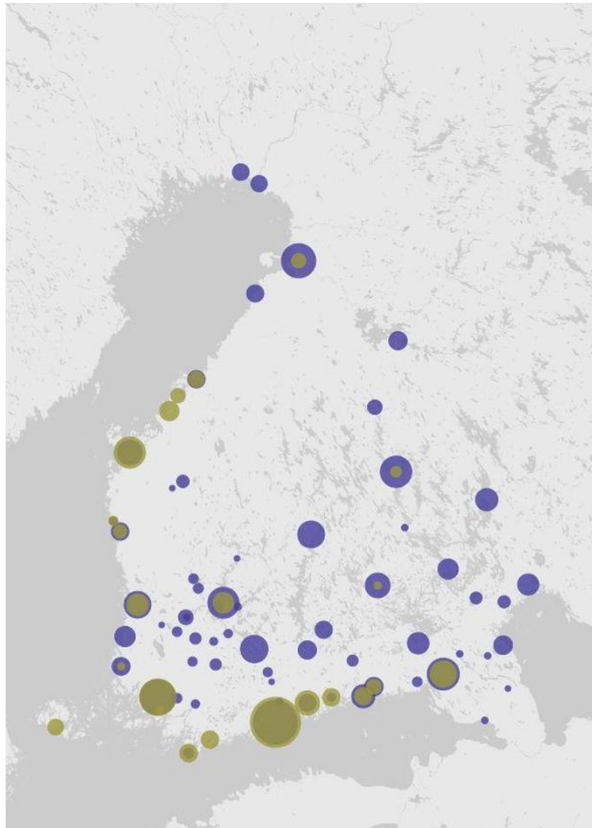
Proportions of newspaper page sizes 1800-2000



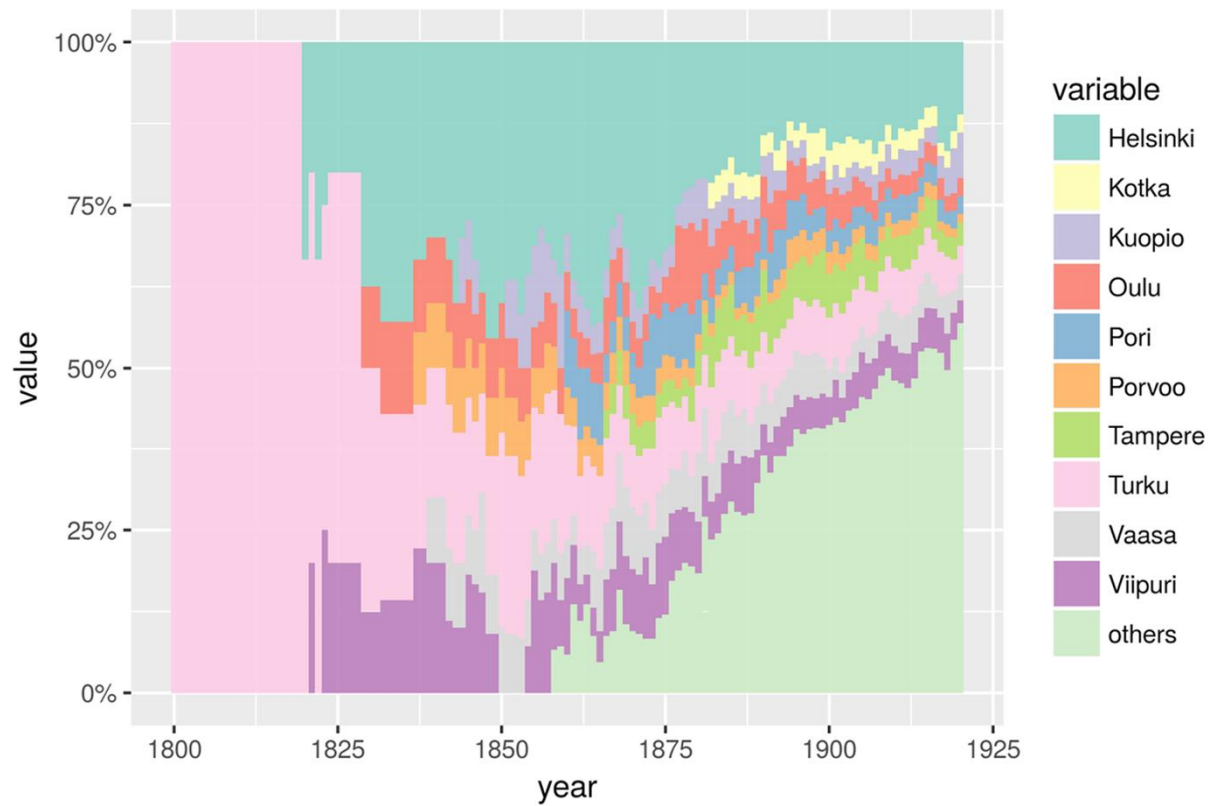
Publishing frequency in Swedish and Finnish language newspaper (papers published once or more often per week).



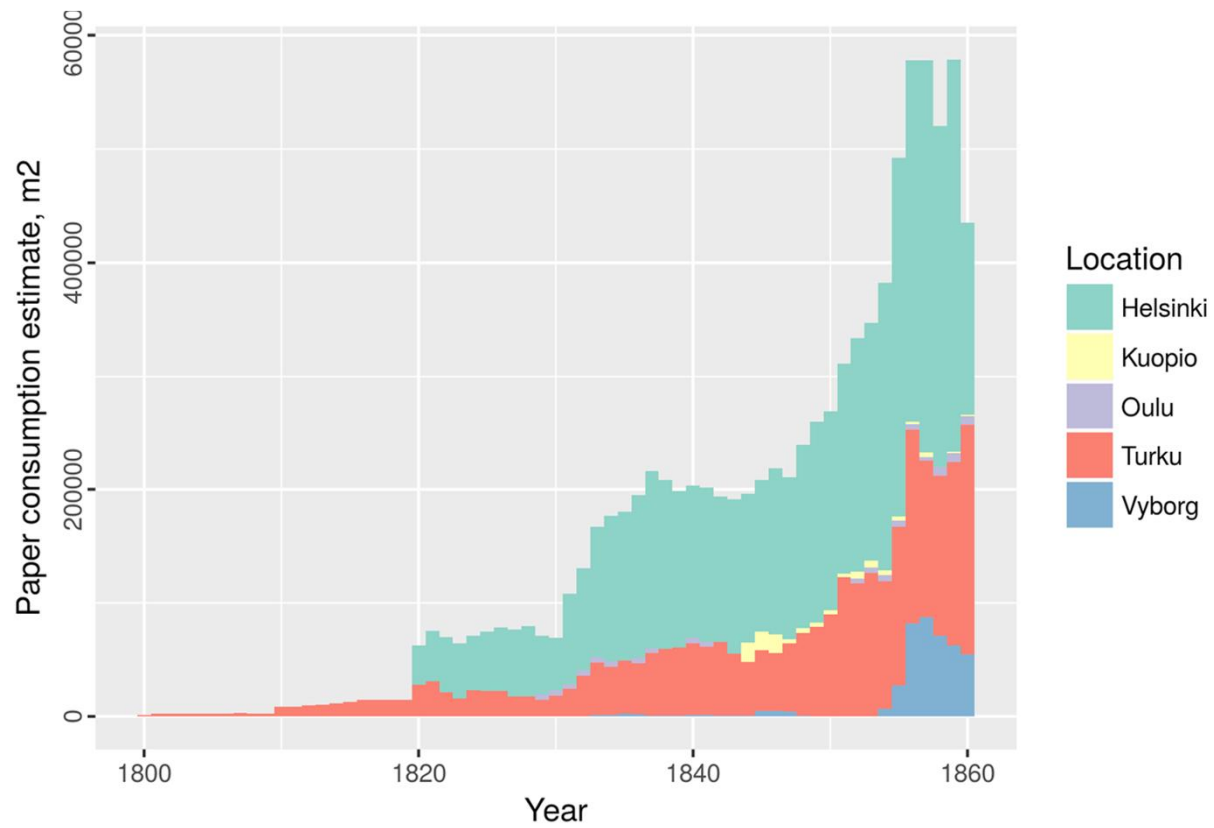
Words published in Finnish and Swedish language newspapers in Finland 1771-1905



Map of newspapers published in Swedish and Finnish in 1920 & Network graphs of papers by publication place and language in 1837, 1867, 1900ish, and 1910-1920.



Share of published newspaper titles / city 1800-1920



Estimate of paper consumption in top cities 1800-1860 (based on page counts, publication frequencies and circulation data).

Form, shape and size before matter

- The idea to study the totality of public discourse through newspapers in any given country is tempting but naive. We need to extract subcorpora to finetune the analysis.
- To study conceptual change in public discourse, we need to study size and shape of newspapers, publication frequency, circulation of newspapers, title counts, word counts and relative amount of publishing in different languages to extract subcorpora.
- A Finnish and Swedish public sphere took place as late as the early 1900s.
- The dynamics between main publication places matter: Turku-Helsinki-Vyborg
- Individual paper growth followed these steps: words per page ratio grew, publishing became more frequent, paper size increased, and last the amount of pages per issue grew