

Computational History group at the University of Helsinki

Analysing Early Modern Public Communication

COMHIS Collective includes Antti Kanner, Jani Marjanen, Ville Vaara, Hege Roivainen, Viivi Lähteenoja, Laura Tarkka-Robinson, Mark Hill, Simon Hengchen, Eetu Mäkelä, Leo Lahti, and Mikko Tolonen



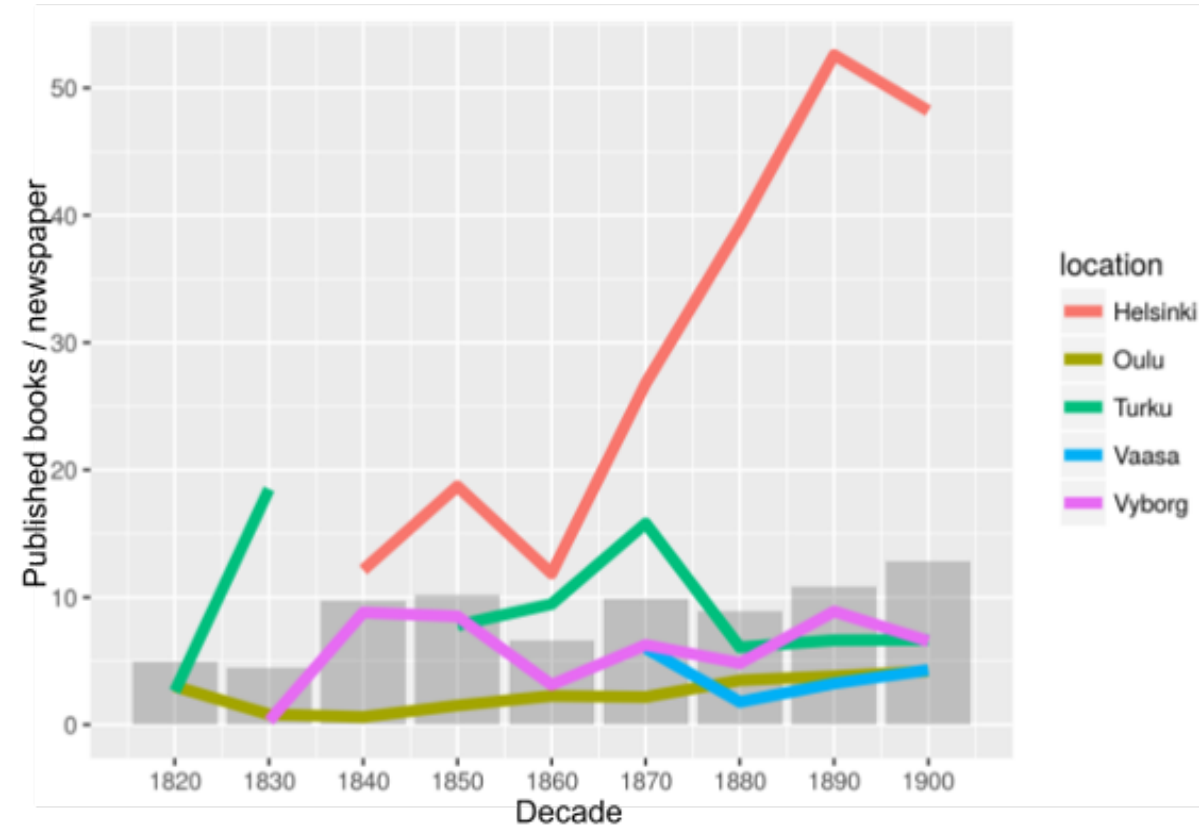
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COMHIS: Loose collective with aligned interests

What: New understanding of the development of public discourse and knowledge production in early modern Europe through the construction of an analysis ecosystem (Octavo) based on metadata and full-text collections.

Who: Researchers from multiple fields:
computer scientists;
linguists;
historians.

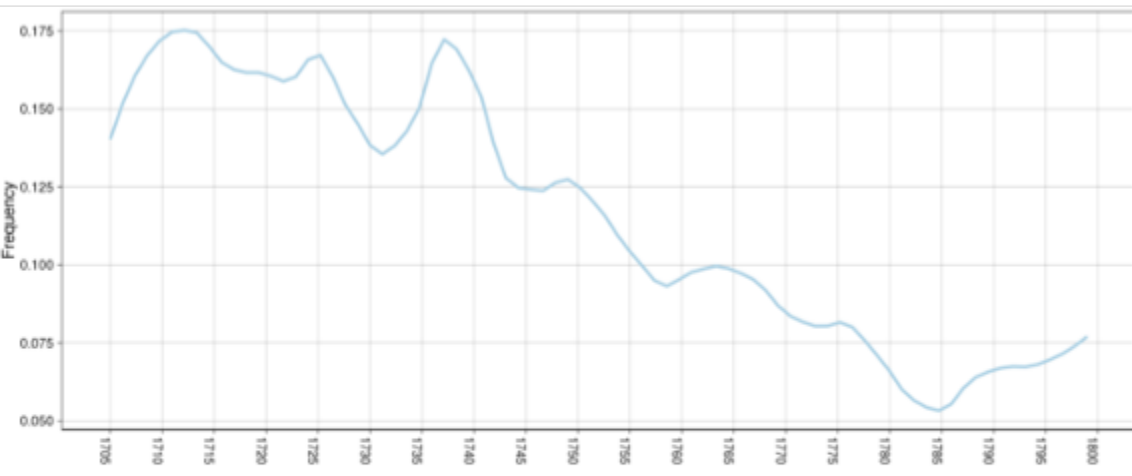
Published books / newspapers in Finnish



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Octavo: Shared open infrastructure

Declining religious bigrams in ECCO regarding 'public'



"public impieties" "public impieties" "public synagogues" "public synagogues" "public worflipand" "public worflipand" "public worshipping" "public worshipping" "public prayersin" "public prayersin" "public mass" "public mass" "public synod" "public synod" "public pray" "public pray" "public chappels" "public chappels" "public sin" "public sin" "public sins" "public sins" "public baptism" "public baptism" "public prophecy" "public prophecy" "public congregation" "public congregation" "public conscience" "public conscience" "public repentance" "public repentance" "public prayers" "public prayers" "public prayer" "public prayer"

- **Text and metadata:** Crossing from content to metadata and back allows accessing the contexts of a discourse. Ensures many editions of a work does not bias content analysis. Allows for analysis of material dimensions of a discussion.
- **Cleaning up data:** 80% of statistical analysis is tidying data. Often neglected yet implicitly assumed.
- **Creating infrastructure:** Functionalities are developed both as programming libraries and as end-user interfaces.



Digital Humanities in the Nordic Countries 2018, #DHN2018

- **7–9 March 2018, Helsinki**
- Deadline for submitting proposals: **25 October 2017**
- Notification of acceptance: by **8 January 2018**
- Conference: **7–9 March 2018**
- <http://dig-hum-nord.eu/> / <http://bit.ly/2xCrsc7>



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