VISUALISING NOSCEMUS

01 Purpose

To produce visually-enriched information about existing Noscemus metadata and text

02 Team

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03 Research Questions

What does the spatial and spatio-temporal dimensions tell us about the development of early modern Latin scientific literature between 1500-1800?

04 Tools Used

Geonames API
Folium API
Microstrategy Workstation
SciKit-Learn Python library

05 Challenges
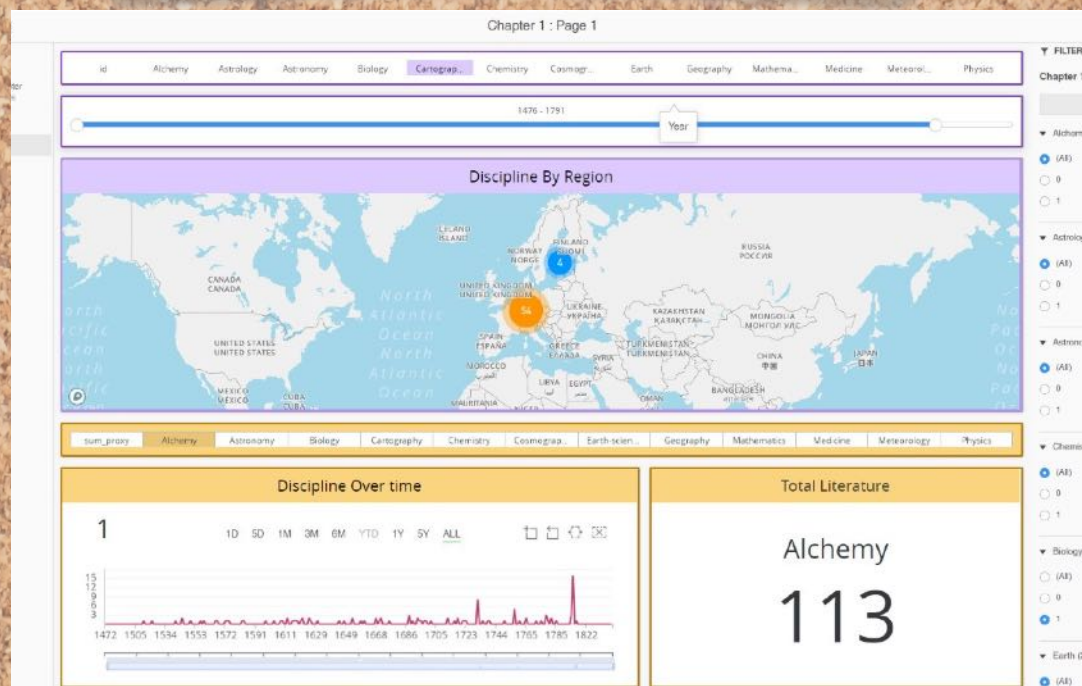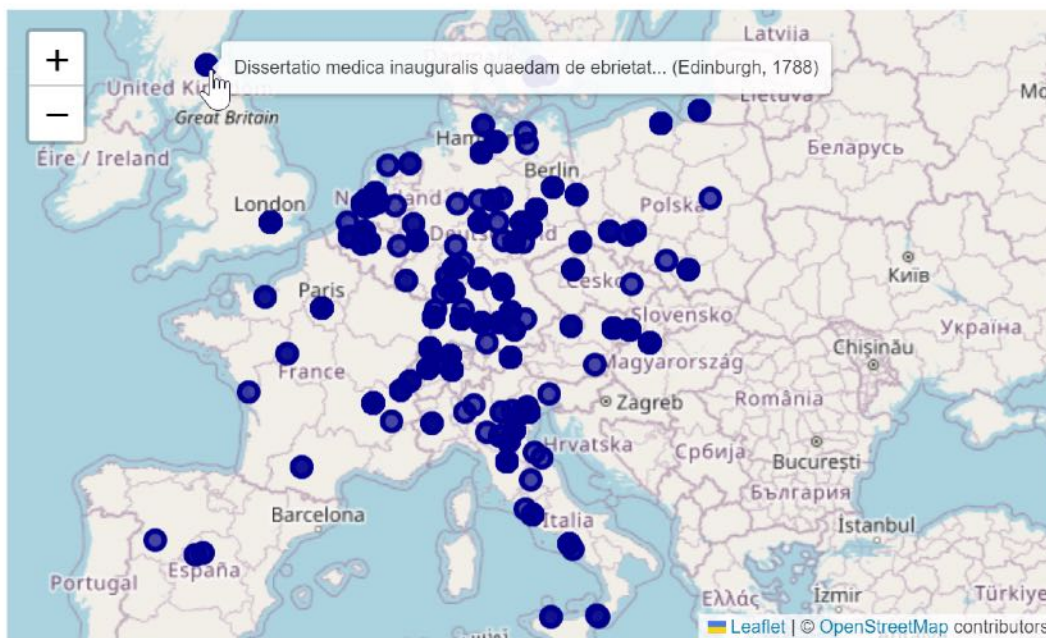
Model used for transcribing documents was not optimised for historical layouts
Metadata was not very standardised or double-checked
Ambiguity about place names
Timeframe for cleaning and processing large amounts of data was very short

06 Results

Cleaned-up dates and places of publication
Coordinates added to the metadata
Implemented two dynamic maps: one using Geonames and Folium APIs (1), and the other using Microstrategy Station (2).
Map (1) displays places of publication over time range (customisable)
Map (2) displays places of publication by discipines over time (customisable)

Start Year: 1500   End Year: 1798

Filtering for years: 1500 - 1798
Found 976 works in this year range.

Future Work:

More metadata cleaning needed
Frontispieces cleaning
Map over Historical Regions
Other metadata mapping