LIBRARIES IN AUSTRIA (2014)
CONCEPT PAPER

MOTIVATION

The reason why we want to visualize data from different libraries is because we want to find out if libraries are still used after the rise of online media for research as well as leisure activities.

DATASETS

We would like to use data from Statistic Austria about Libraries in Austria.
http://www.statistik.at/web_de/statistiken/menschen_und_gesellschaft/bildung_und_kultur/kultur/bibliotheken/index.html

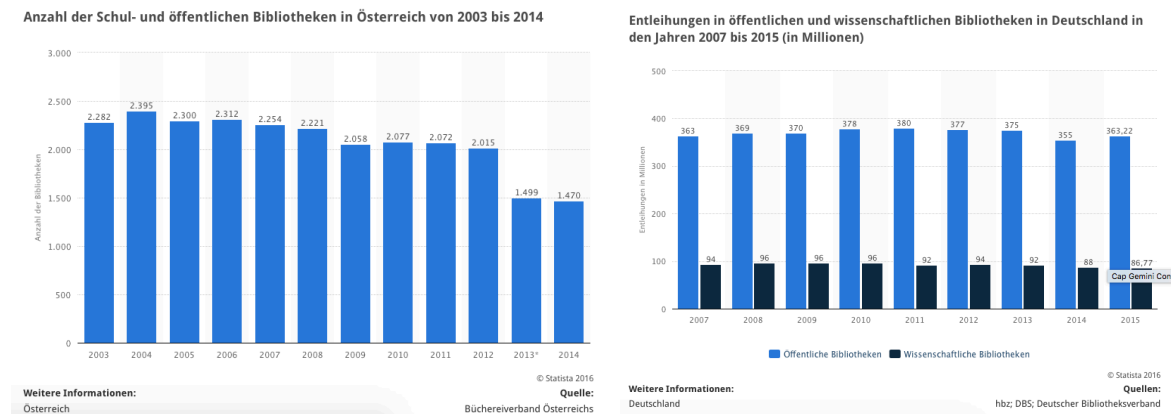Additionally datasets will be from the Online Computer Library Center and Statista.
https://www.oclc.org/global-library-statistics.en.html
https://de.statista.com/statistik/suche/?q=Bibliothek

RELATED WORK

There are already some bar chart visualizations on Statista.com
https://de.statista.com/statistik/suche/?q=Bibliothek

FIRST RESULTS

Values we want to visualize per library will be:

- Employees
- Costs for Employees
- Number of library visits
- Registered Users
- Number of used Documents
- Accesses to the Library Website

- Search Requests in Online Library
- Ongoing printed newspapers and magazines
- Added books, newspapers, magazines and collections
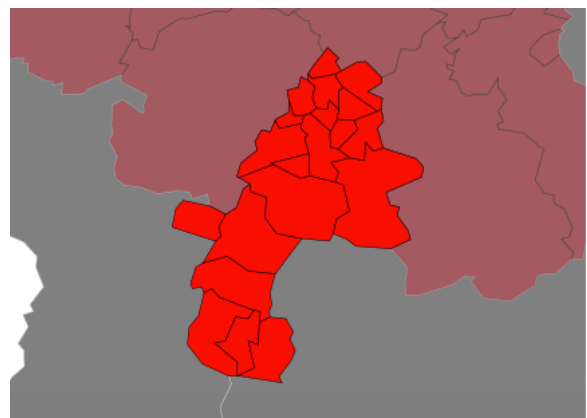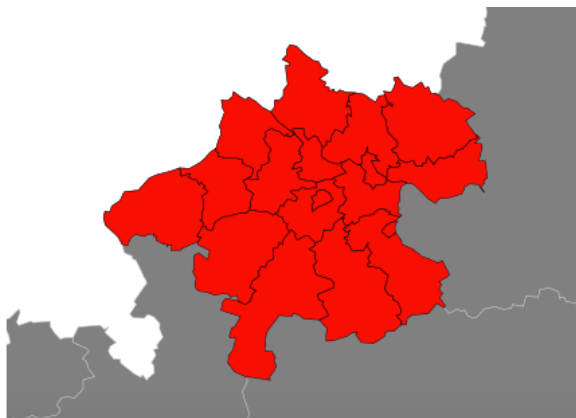- Number of different medias
- Costs for new media

GOALS

We would like to have basically a map from Austria, based on:
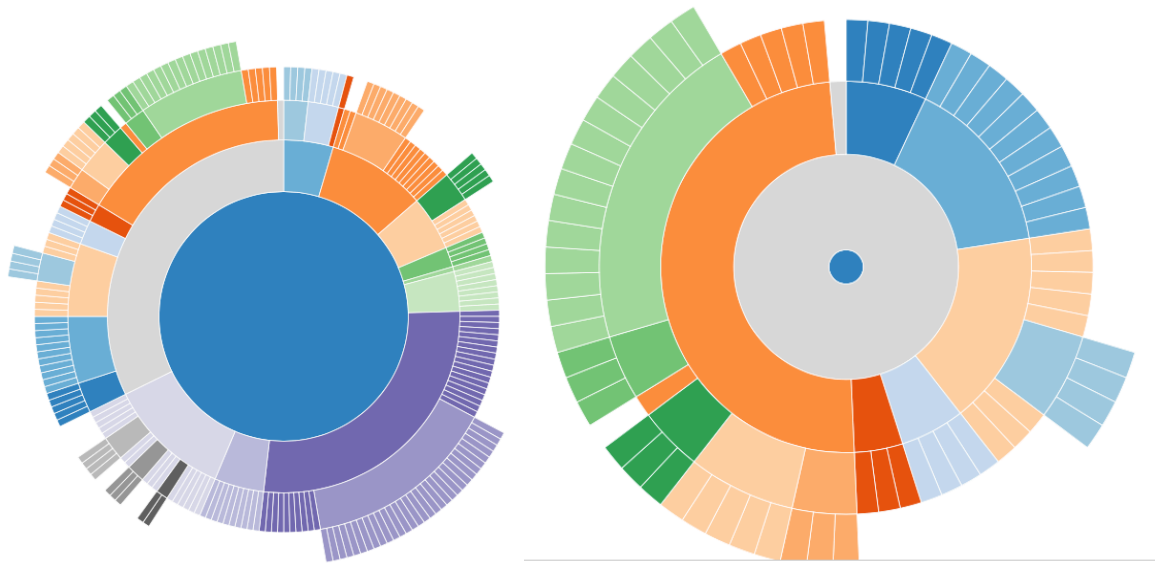http://www.strategieanalysen.at/wahlen/geojson/

On this map we want to show an overview about the number of libraries per federal states. Later you can click on the federal states to get more details in further visualizations.

For these further visualizations we want to use a "zoomable sunburst with updating data" visualization. On this circle we want to show further details about the different libraries such as the number of registered visitors or the used documents.
http://bl.ocks.org/kerryrodden/477c1bfb081b783f80ad

In general there should also be a possibility to filter data, for example to show only public libraries or only special ones.