



Scholarly Information Extraction for Research Data

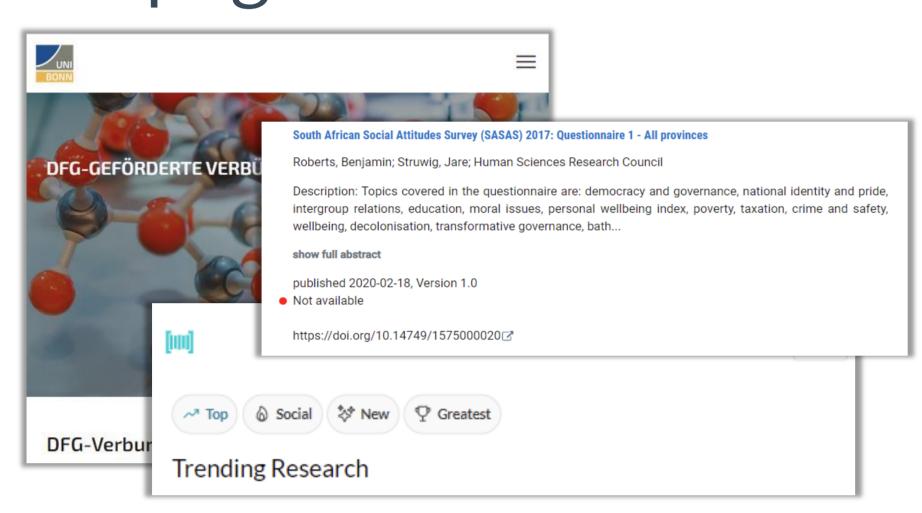
Motivation

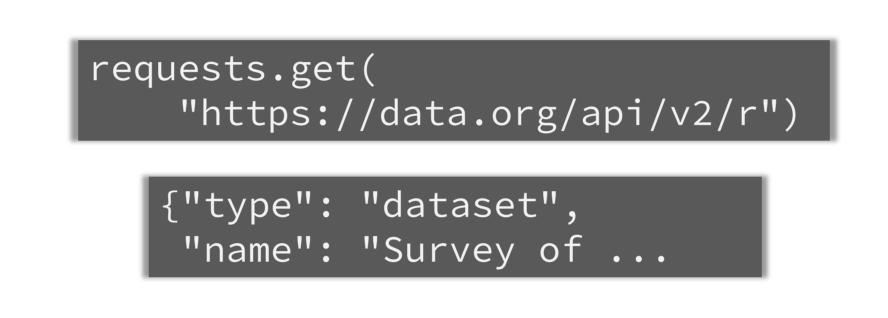
Datatypes

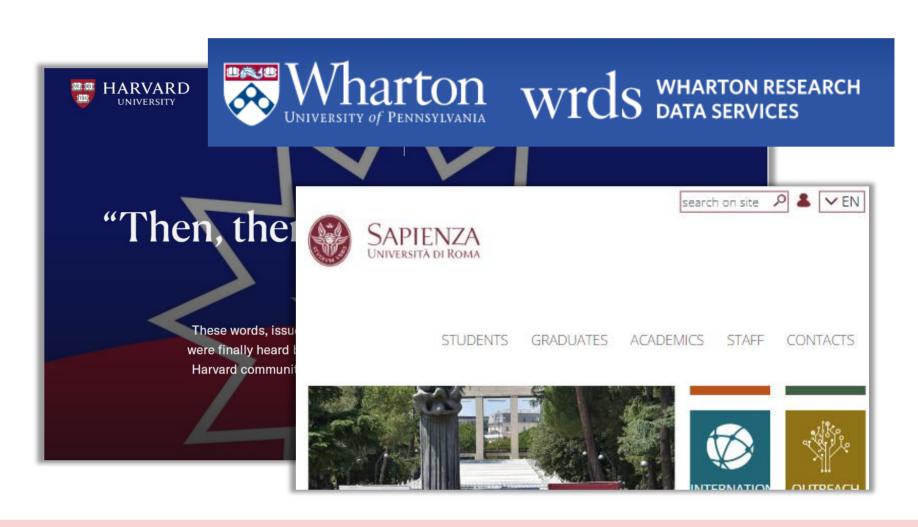
- Trace data usage
- Interlink scholarly artifacts
- Contextualize data
 (e.g. for better data search)

Extraction from Web Data

Web pages as data sources Web APIs as data sources Websites as data provider







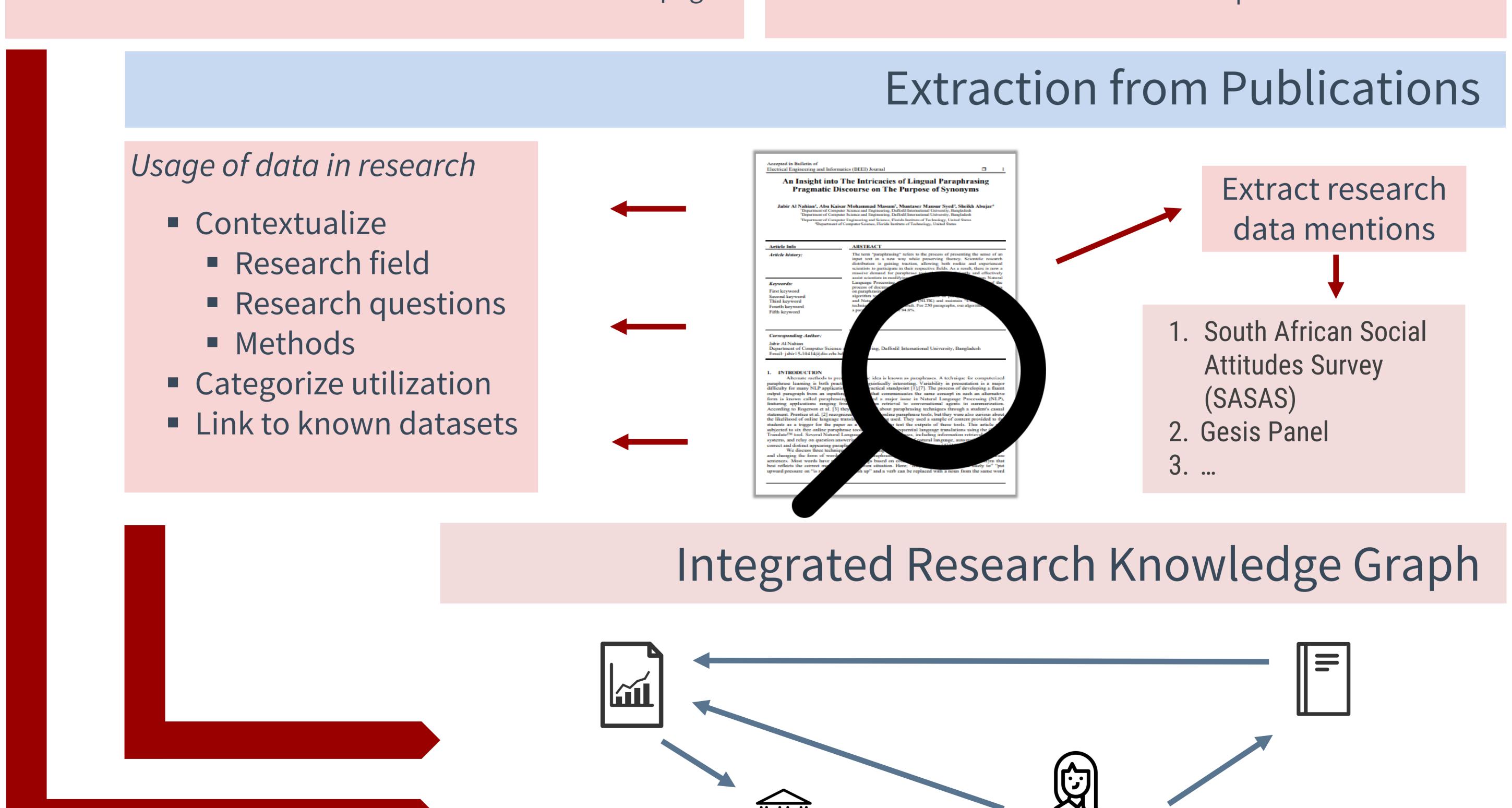
Dataset level tasks

Data fusion

- Quality filtering
 - Enrichment
 - Research field from Web pages

Information

- Data provider level tasks
 - Quality measure
 Source classification
 - Trustworthiness
- Research topic



Otto, Wolfgang et al. 2020. "Knowledge extraction from scholarly publications: The GESIS contribution to the rich context competition." In Rich search and discovery for research datasets, edited by Julia Lane, et al., 107-127. Los Angeles u.a.: Sage. https://study.sagepub.com/richcontext.

