



LLOD Cloud Compass

Team:

Daniella Gregg

Universität des Saarlandes, Germany

Giedrė Valūnaitė Oleškevičienė

Mykolas Romeris University, Lithuania

Tutor:

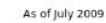
Gilles Sérasset

Université Grenoble-Alpes, France

DATATHON of the COST Action CA18209 “Nexus Linguarum” (“European network for Web-centered linguistic data science”)

Project idea

- To show the direction to take in LLOD cloud when you want to translate your dataset.



Aim - Provide a methodology

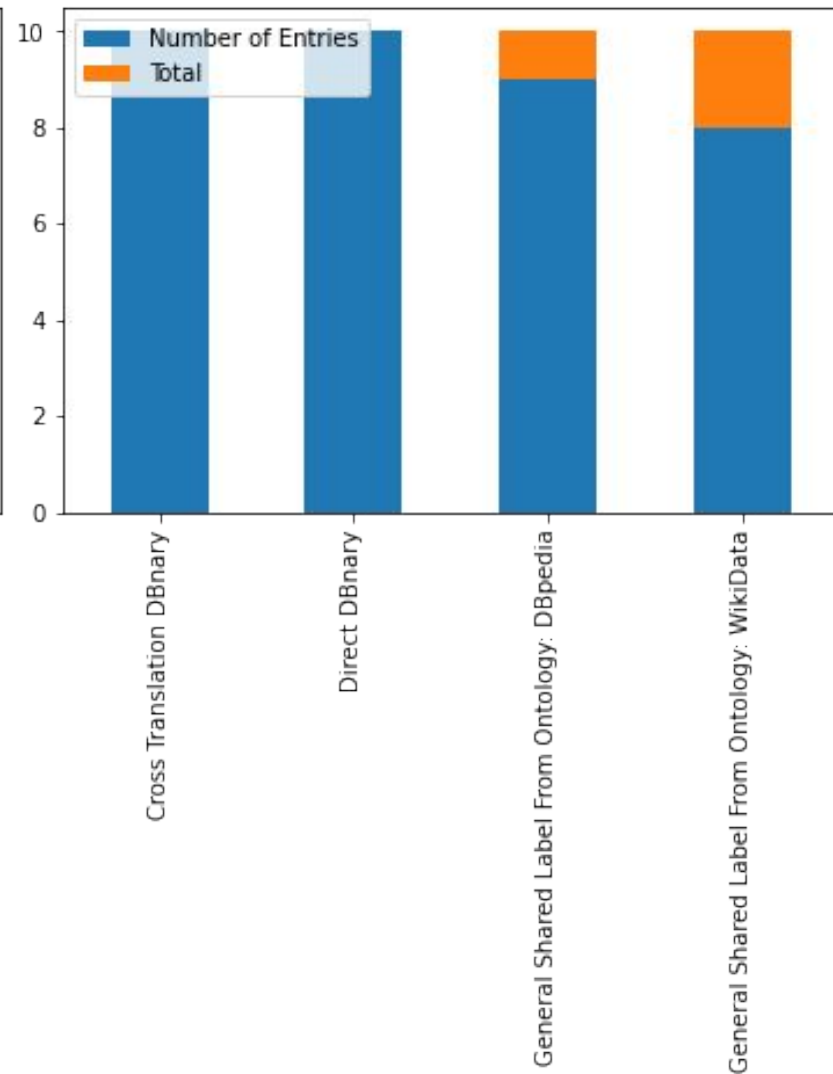
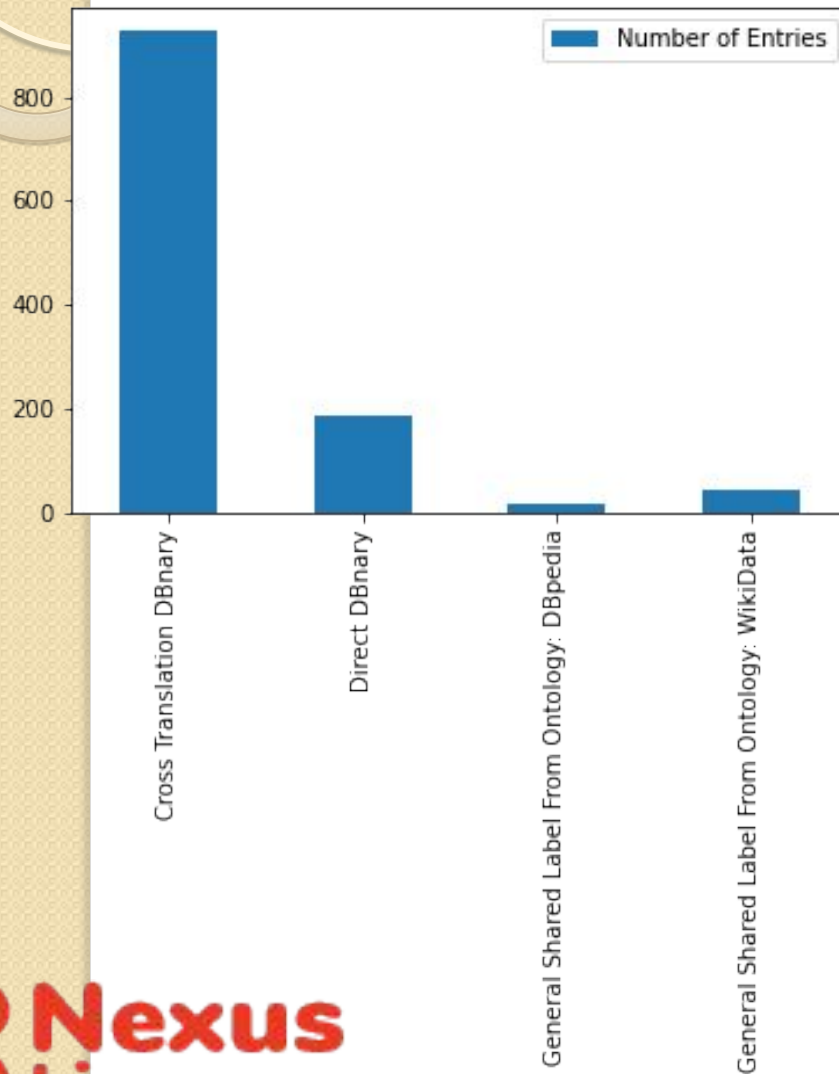
Example:

- I have a dataset of RetFig
- I want to translate it into Lithuanian translation
- the compass tells me what are the resources best suitable for the task by providing coverage and perplexity measures

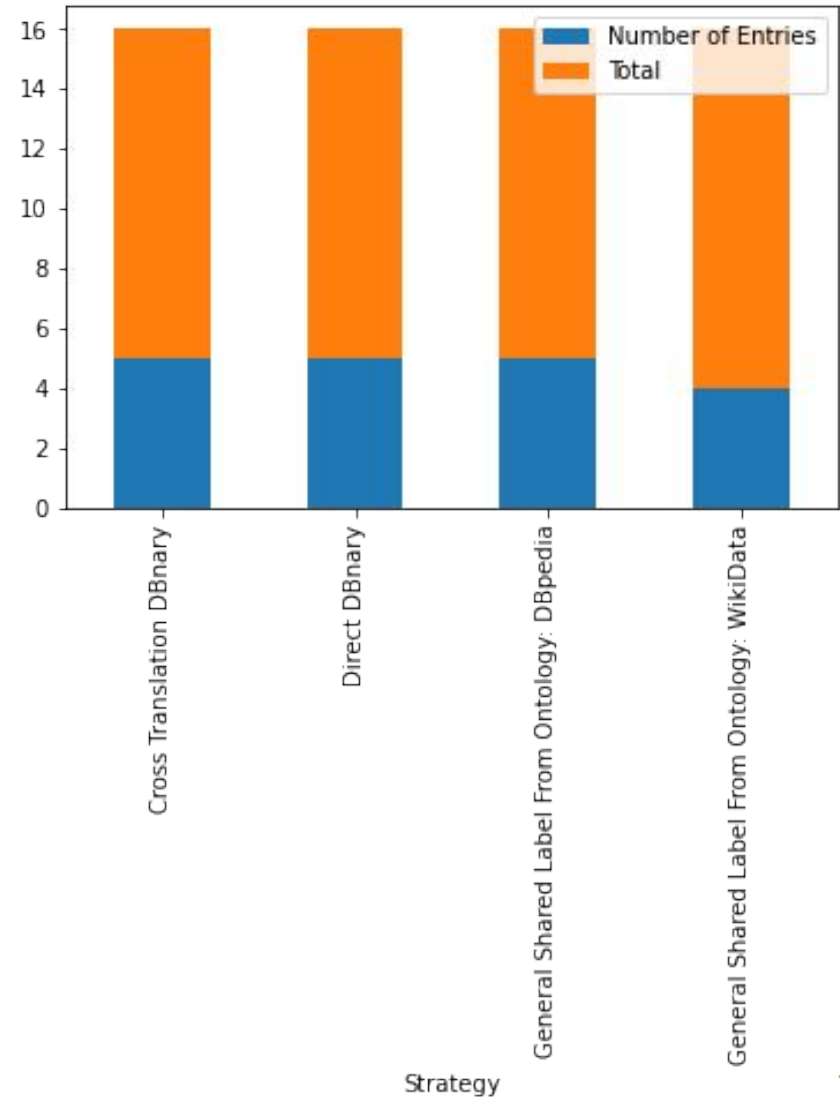
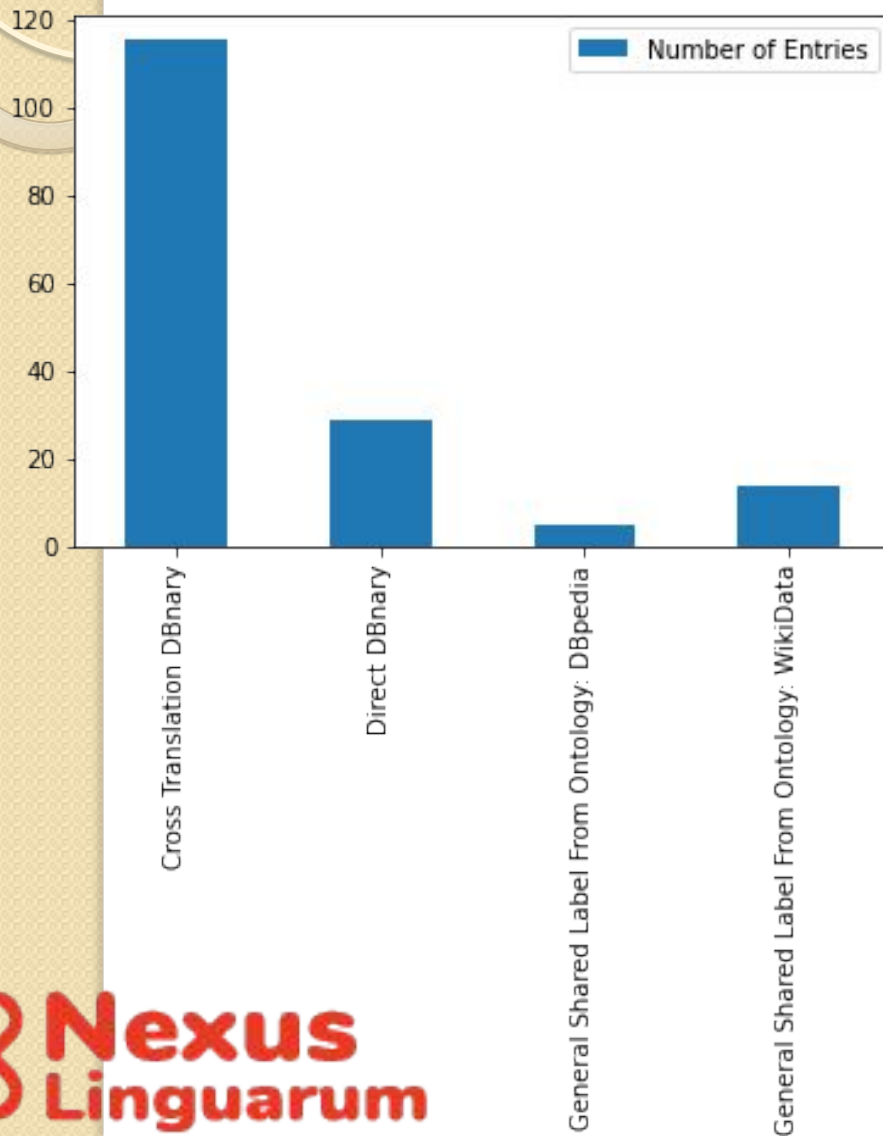
Achieved result

- Ontolex based version of BATS
- Compass on 2 datasets samples (BATS and Rethfig)
- Using 4 predefined translation strategies
 - DBnary direct translation
 - DBnary translation (with path length = 2)
 - DBpedia
 - Wikidata

Experiments on BATS



Experiments on Rethfig



Future experiments

- Further experiments aiming to use any datasets automatically discovering new resources in the cloud.
- Work on the precision.

Thank you 😊

