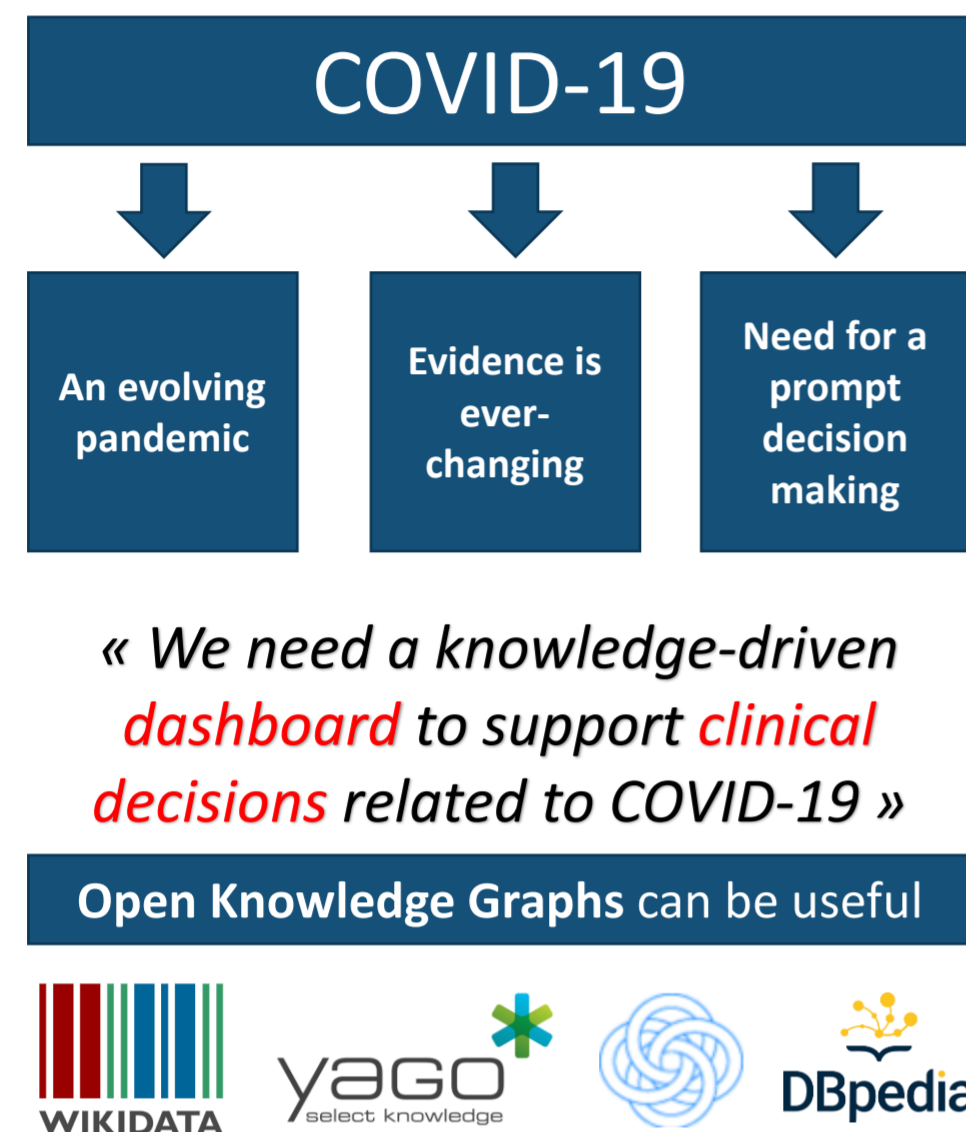


# REPRESENTING COVID-19 INFORMATION IN COLLABORATIVE KNOWLEDGE GRAPHS: THE CASE OF WIKIDATA

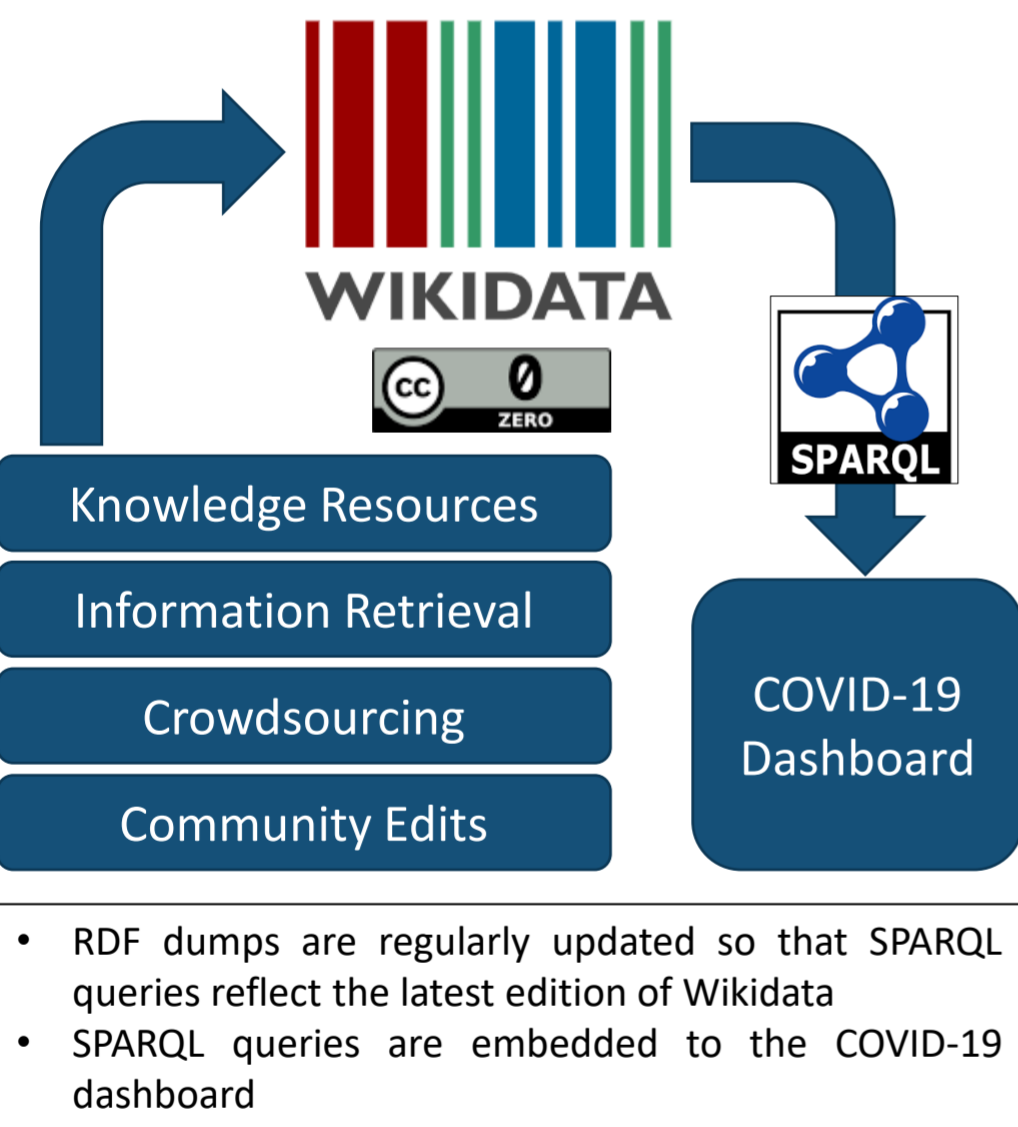
Houcemeddine Turki, Mohamed Ali Hadj Taieb, Thomas Shafee, Tiago Lubiana, Dariusz Jemieniak, Mohamed Ben Aouicha, Jose Emilio Labra Gayo, Eric A. Youngstrom, Mus'ab Banat, Diptanshu Das, Daniel Mietchen

To cite the work: Turki, H., Hadj Taieb, M. A., Shafee, T., Lubiana, T., Jemieniak, D., Ben Aouicha, M., Labra Gayo, J. E., Youngstrom, E. A., Banat, M., Das, D., & Mietchen, D. (2022). Representing COVID-19 information in collaborative knowledge graphs: the case of Wikidata. *Semantic Web*, 13(2), 233-264. doi:10.3233/SW-210444.

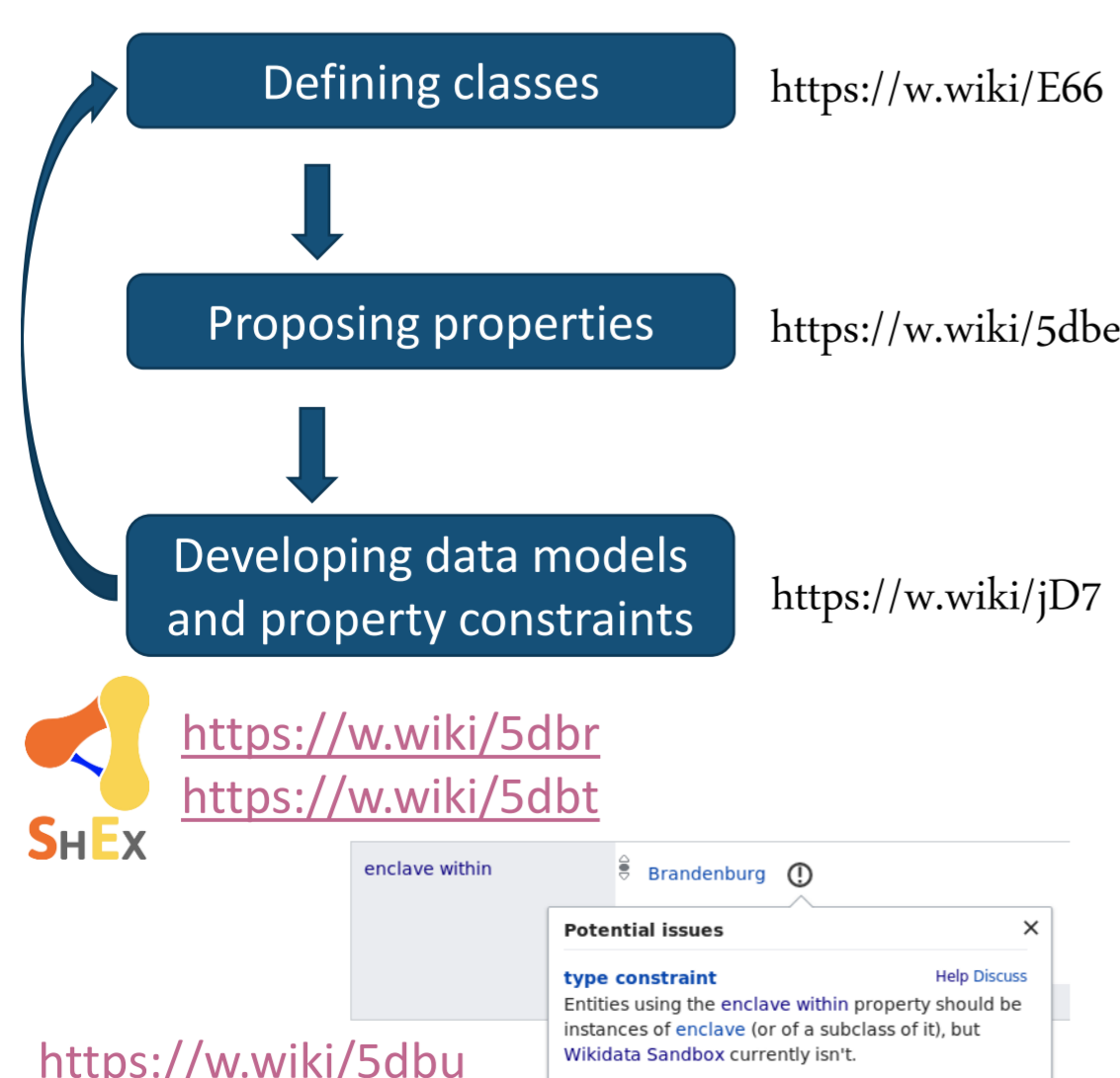
## INTRODUCTION



## PROPOSED APPROACH



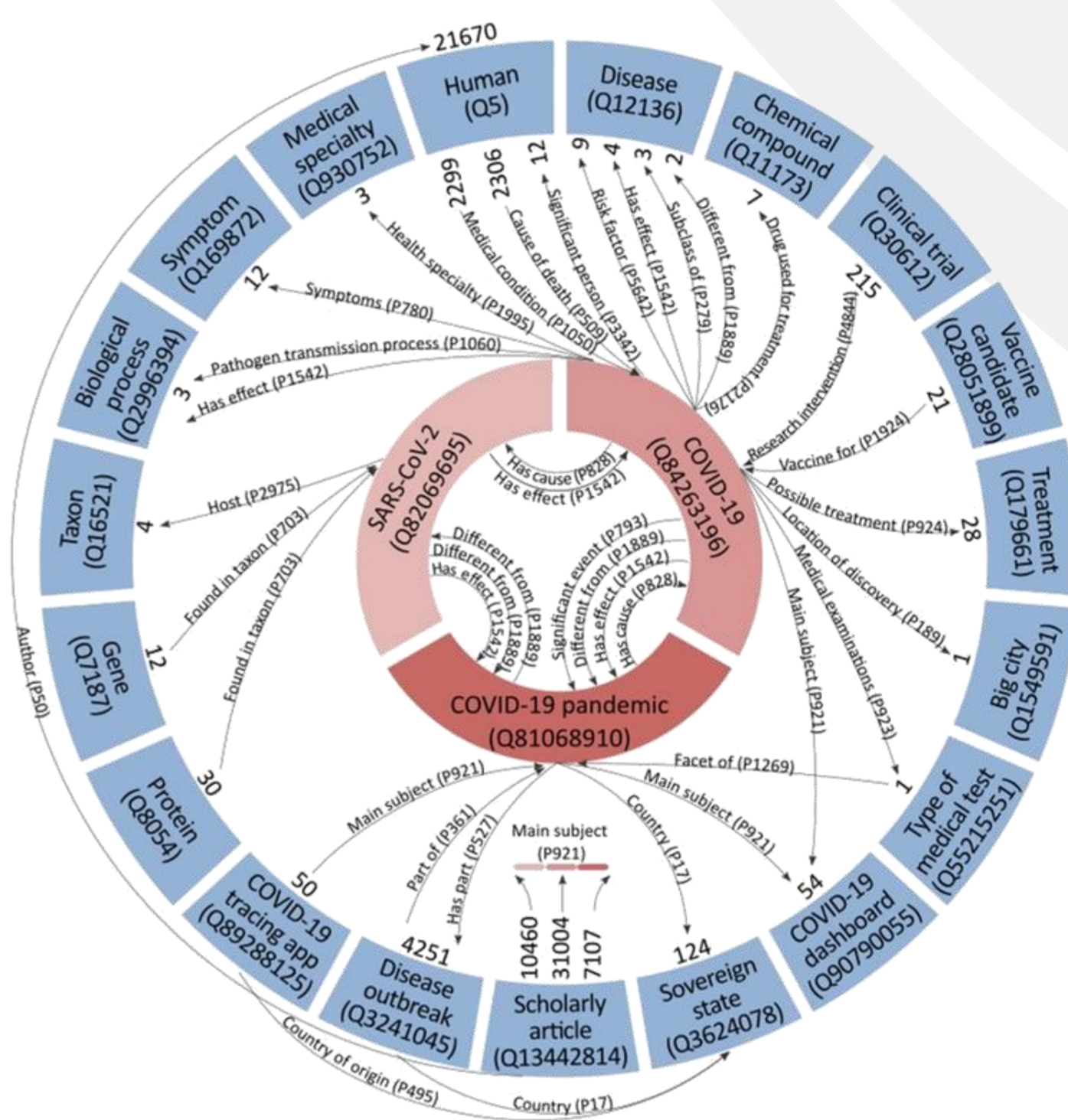
## DATA MODELLING



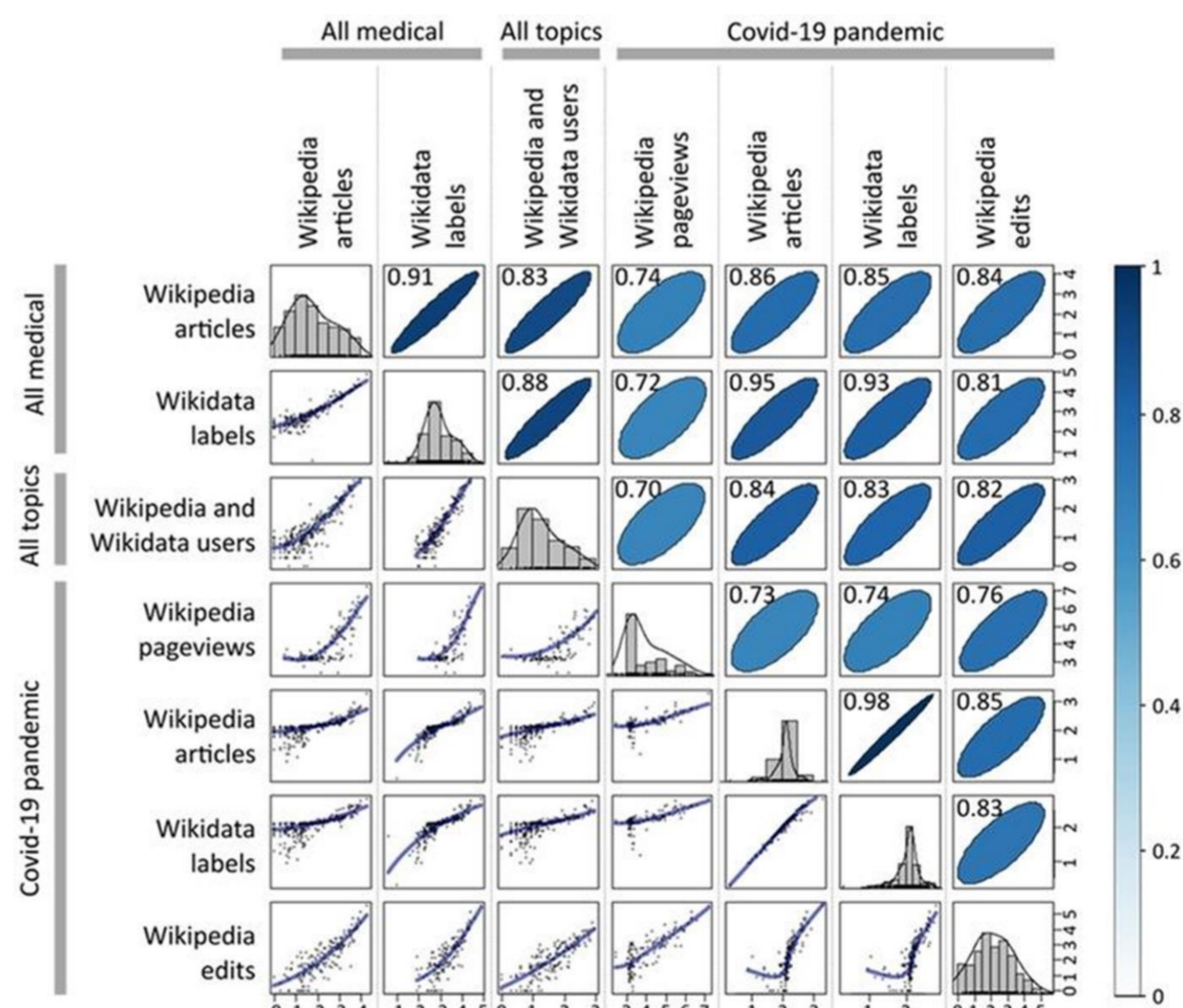
## COVID-19 KNOWLEDGE IN WIKIDATA

As of August 20, 2020

### BIOMEDICAL ENTITY TYPES



## FACTORS INFLUENCING LANGUAGE REPRESENTATION



## SAMPLE QUERIES

