DO YOU SEE THAT?

Entity Typing based on RDF2Vec using Supervised and Unsupervised Methods
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EXPERIMENTAL SETUP
➢ Datasets: 3 datasets with 500, 2k and 4k entities per class respectively
➢ Uniform RDF2Vec pre-trained word vectors of dimension 200 have been used
➢ Vector similarity with original RDF2Vec class vector and with a generated class vector as average of the entity vectors using set theory
➢ 1D CNN with 80% data as train set and 20% data as test set

TAKE-AWAY
➢ Best results achieved with vector similarity when the set theory concept is applied to generate the class vectors from the pre-trained entity vectors

Datasets
- db:Person
- db:City
- db:Agent
- db:Scientist
- db:Writer
- db:Desert
- db:Sahara
- db:Violin
- db:World
- ...