

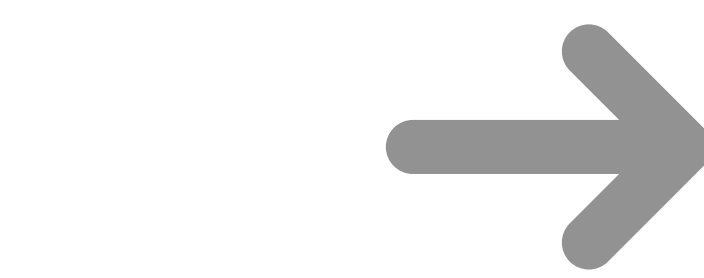
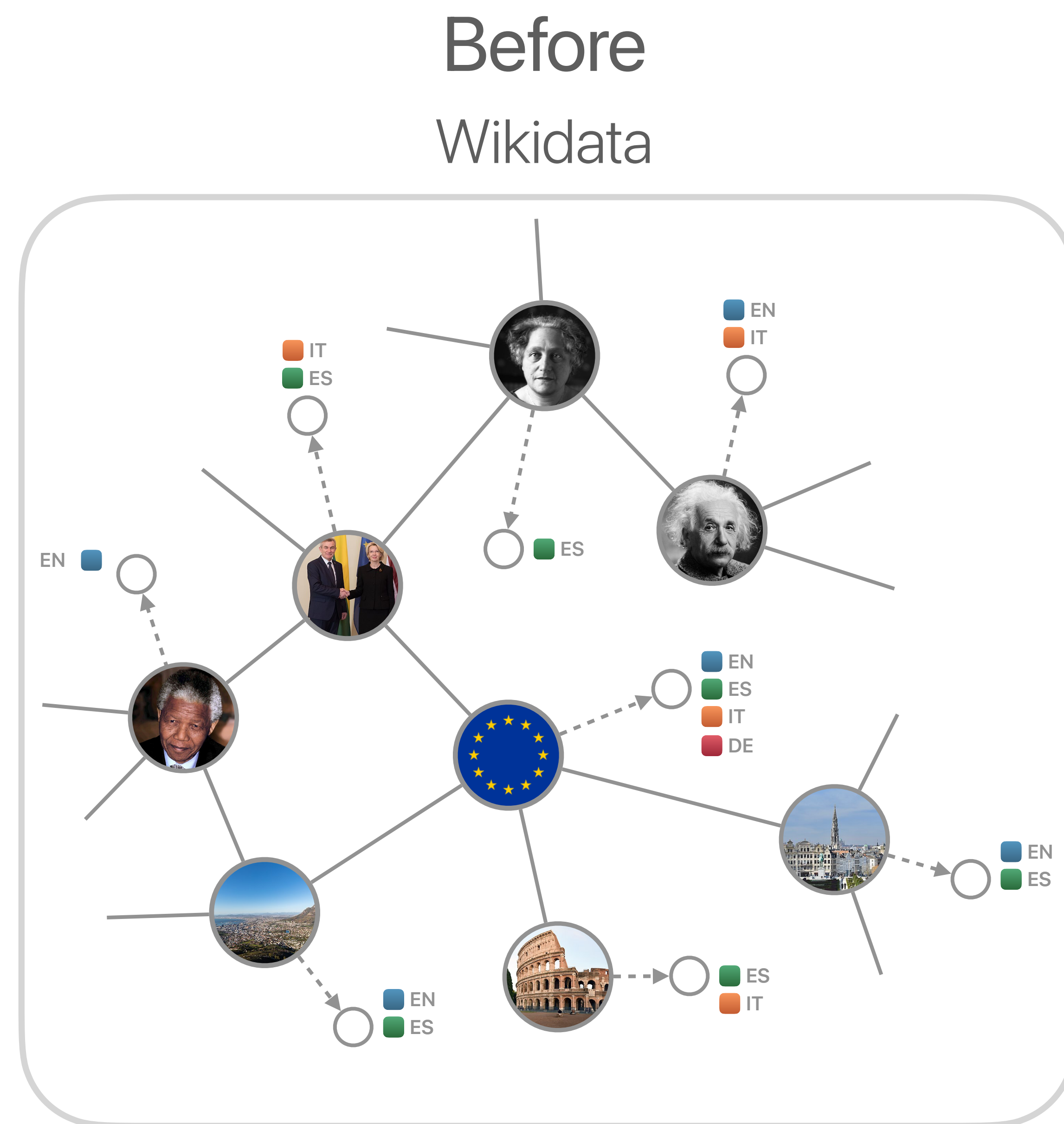


On the Inter-Linguistic Disparity of Knowledge Graphs: Bridging the Gap between English and Non-English Languages

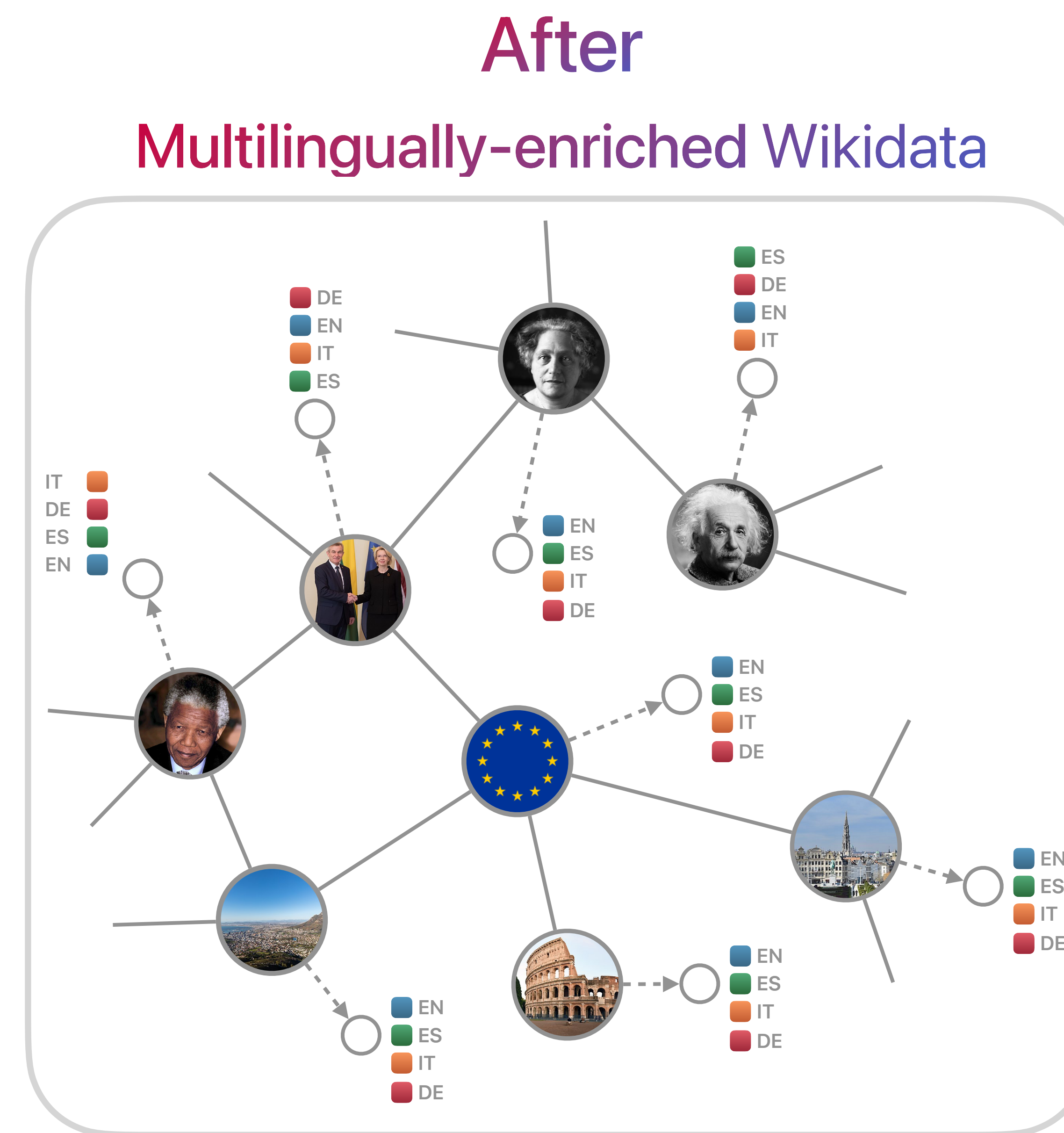
Simone Conia · UniDive - 2nd General Meeting | WG-{1,3,4}



Knowledge graphs (KGs) encode our collective understanding of the world in a structured representation.

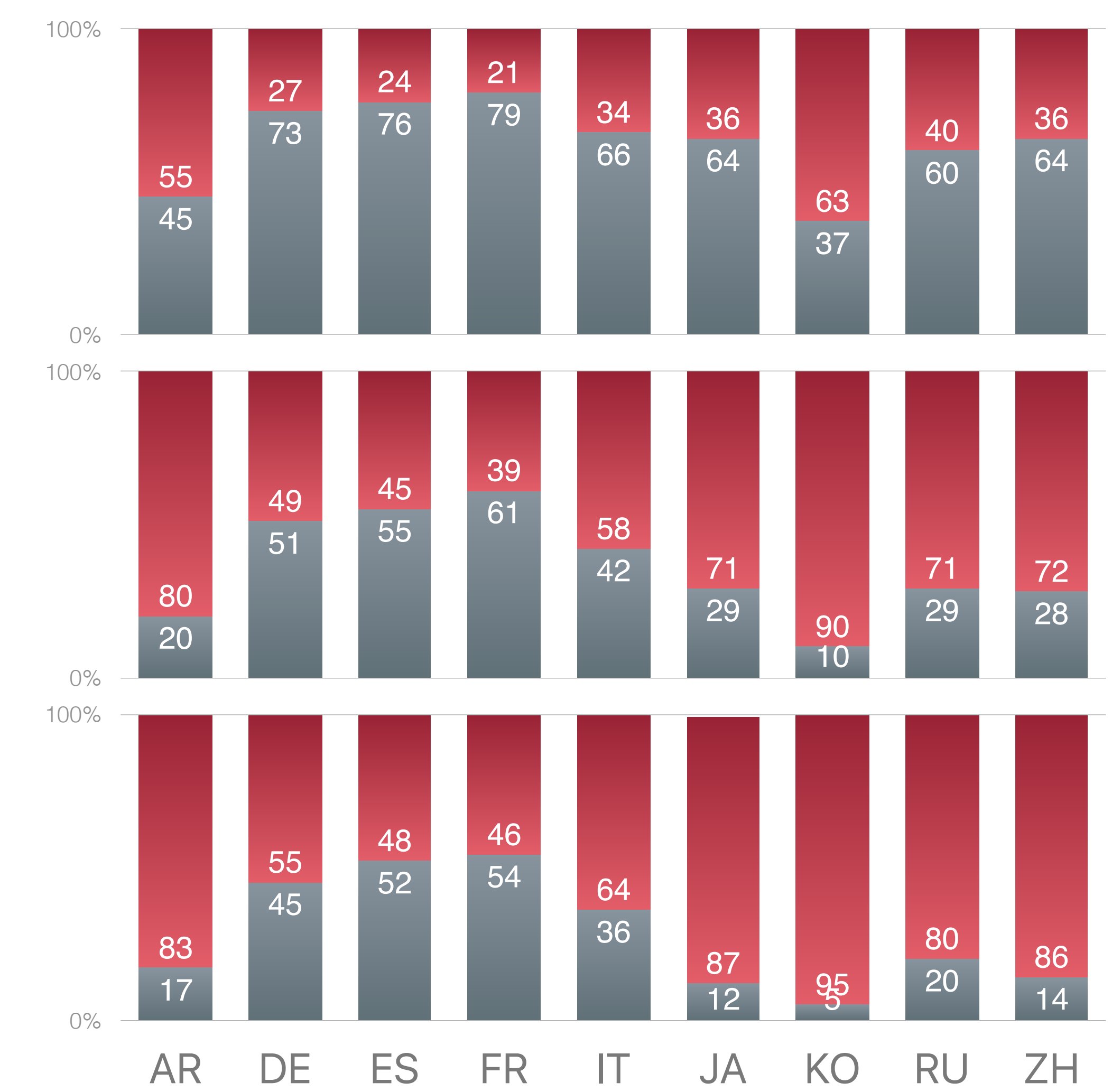


How close can we get to **language parity**?



Problem: non-English coverage is low.

Wikidata Coverage of non-English entity names vs. English



Our contributions

Data & Benchmarks



35k manually-graded **entity names** across **10 languages**

Systems



Combining **LLMs**, **MT**, and **WS** to generate high-quality names

Applications

KG Completion

Entity Linking

Question Answering