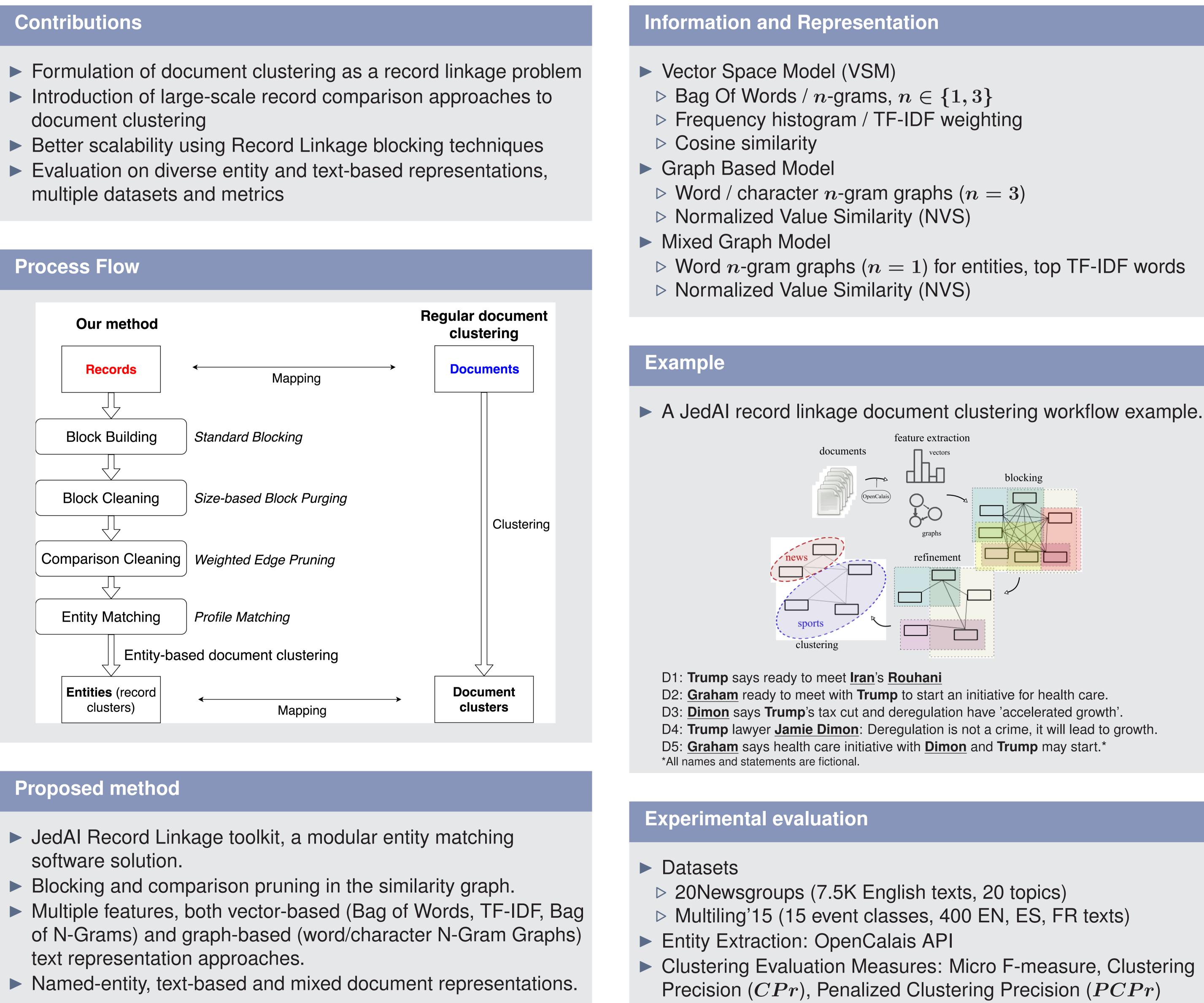


- document clustering
- multiple datasets and metrics

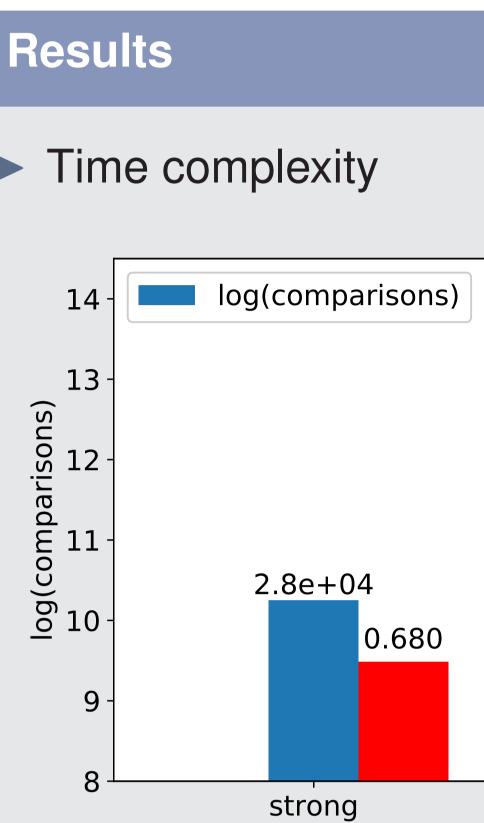


Document clustering as a record linkage problem

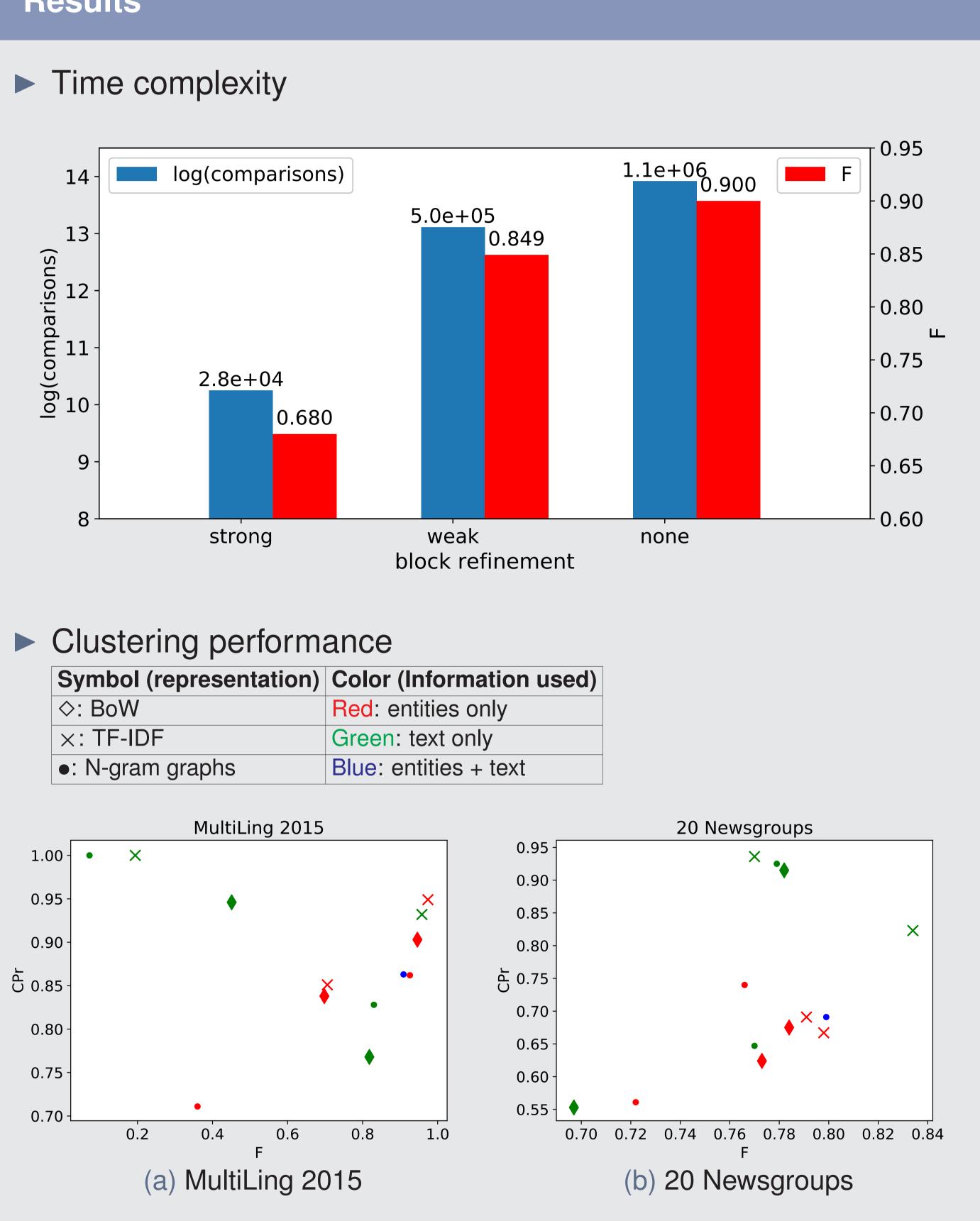
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♦: BoW ×: TF-IDF



Findings

- performance drop.
- the best scores with text, in terms of CPr.



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Blocking offers significant speedup (1 to 2 orders of magnitude fewer comparisons) with 5.6% to 24.4%

TF-IDF unigrams achieve the best scores with both entities (Multiling) and text (20Newsgroups), in terms of F-score **TF-IDF trigrams** and **N-Gram graph word trigrams** achieve

DocEng 2018, Halifax, CA. August 2018.