## FORK: Feedback-aware ObjectRank-based Keyword Search over Linked Data

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• FORK

dRank-

- ObjectRank-based keyword search over Linked Data (LD)
- Relevance feedback-based authority transfer weights learning
- Experiments
  - Ensure weights are learnt properly.

Best-learnt ObjectRank achieves the best accuracy.

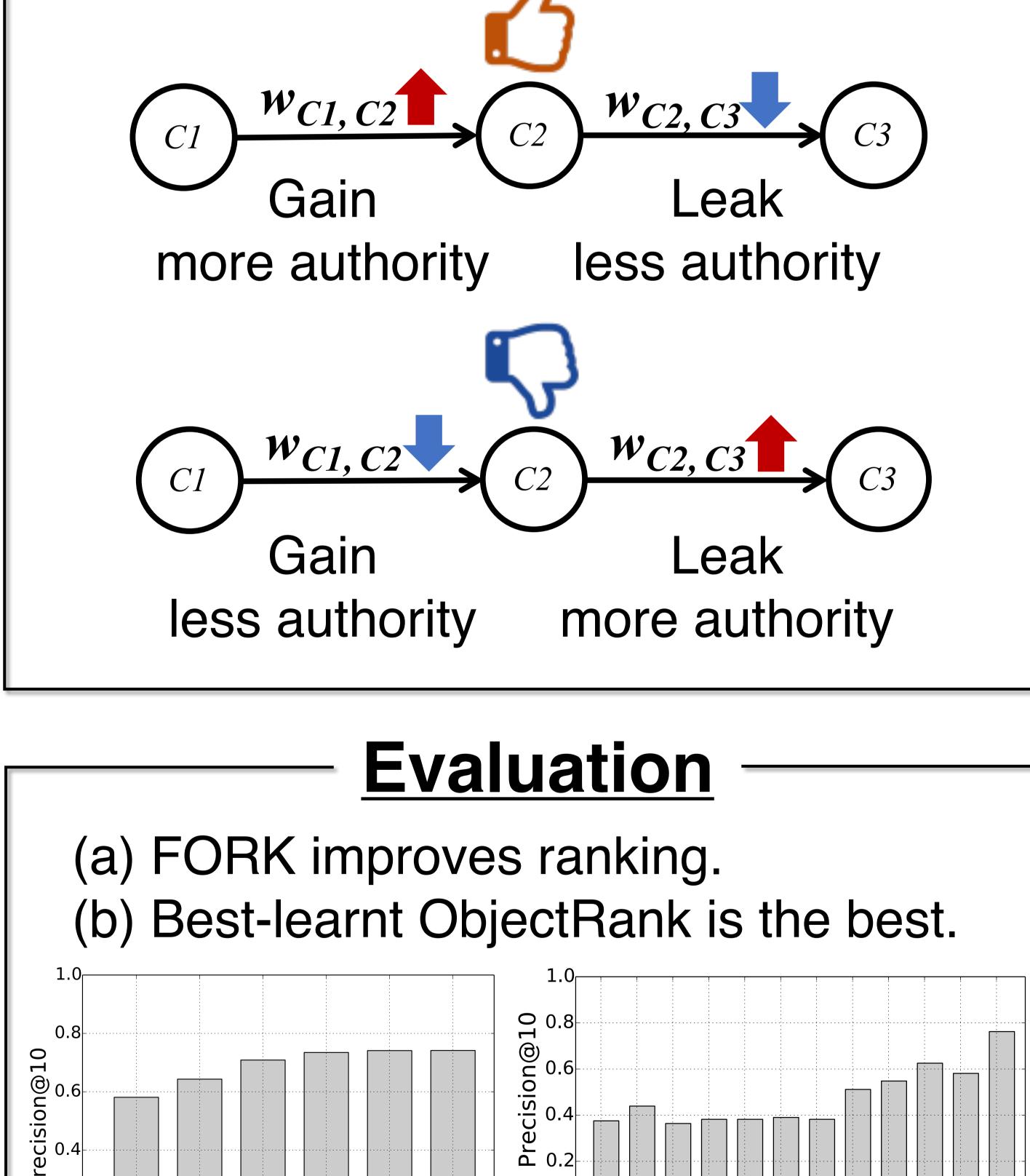
## Keyword Search over LD

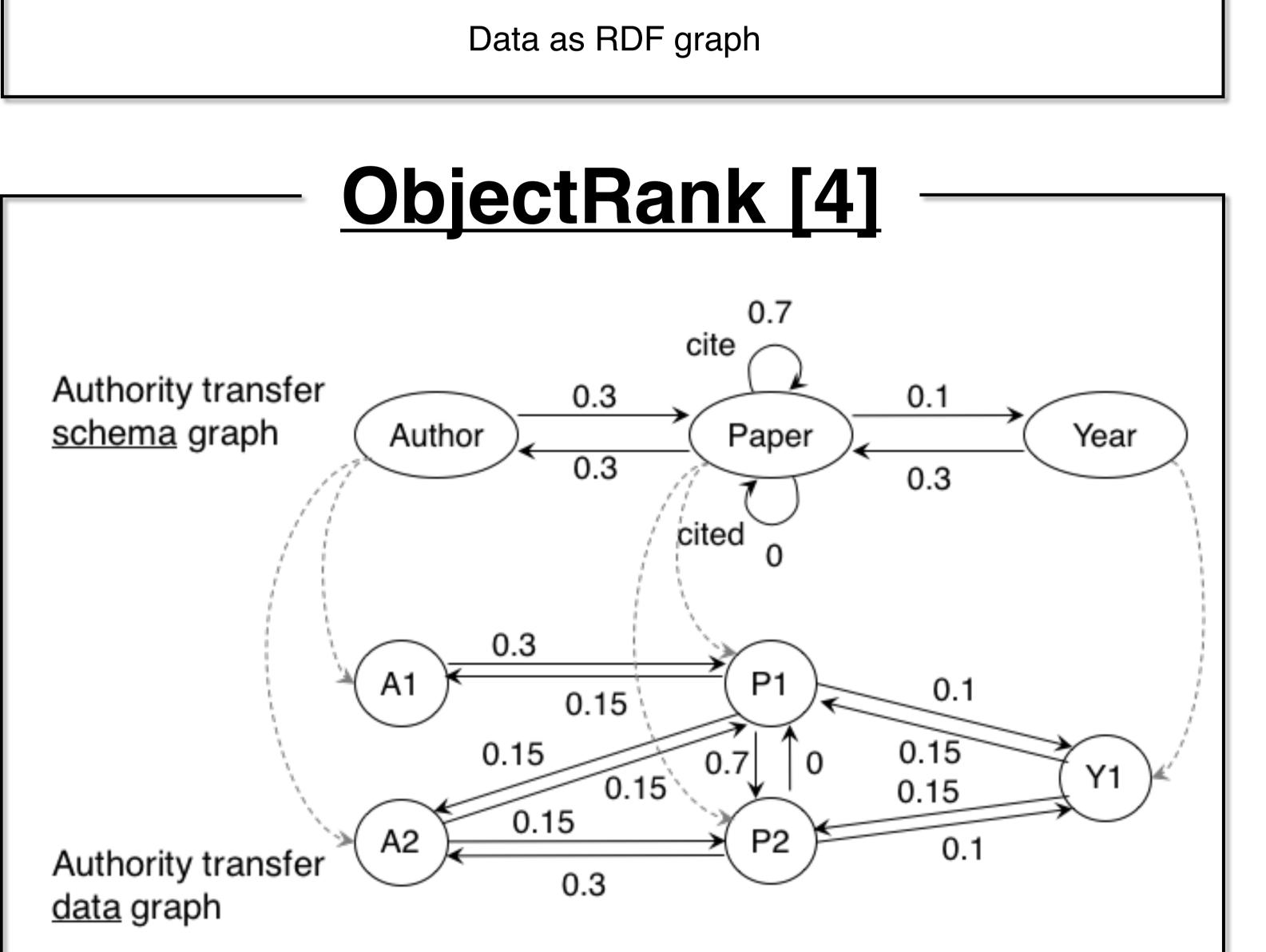
User-friendly search method.
 Find entities related with input keyword query.

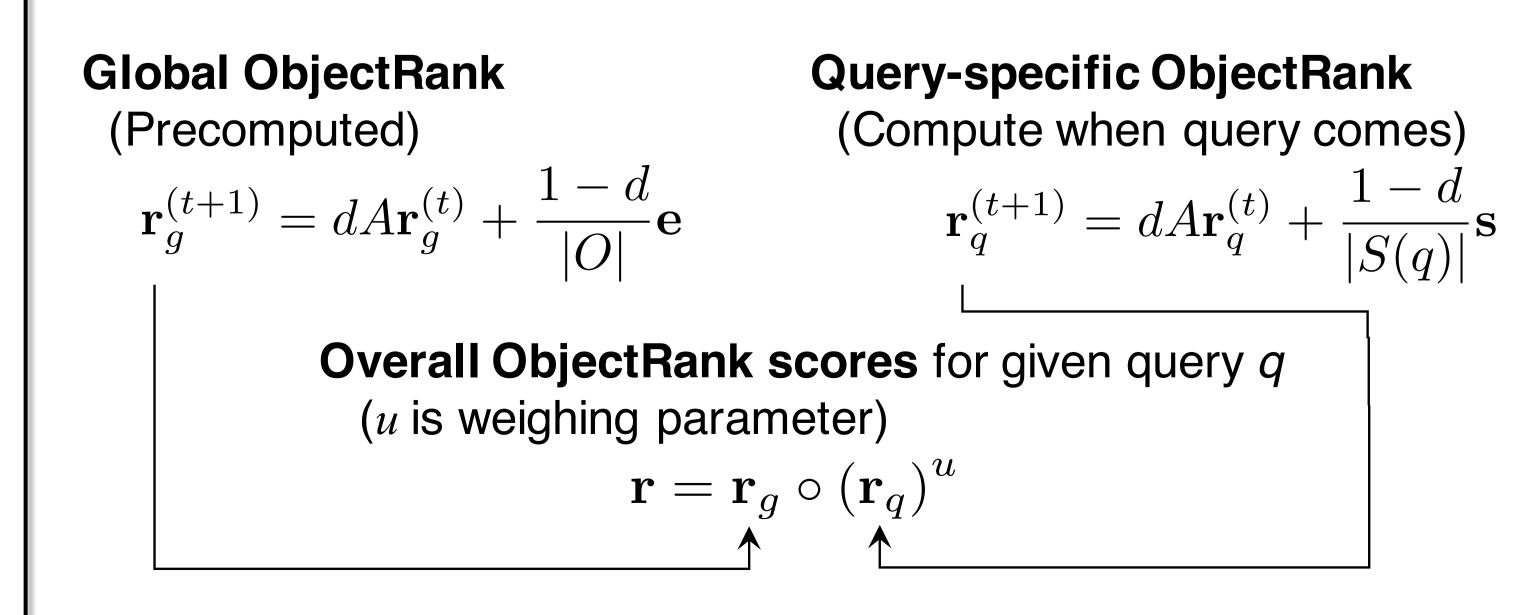
("AIRS", "South Korea") Keyword query http://airs2017.org/ http://airs2017.org/ dc:title AIRS 2017 dbo:location dbr:Jeju\_Province dbo:country dbr:South\_Korea

## **Relevance Feedback**

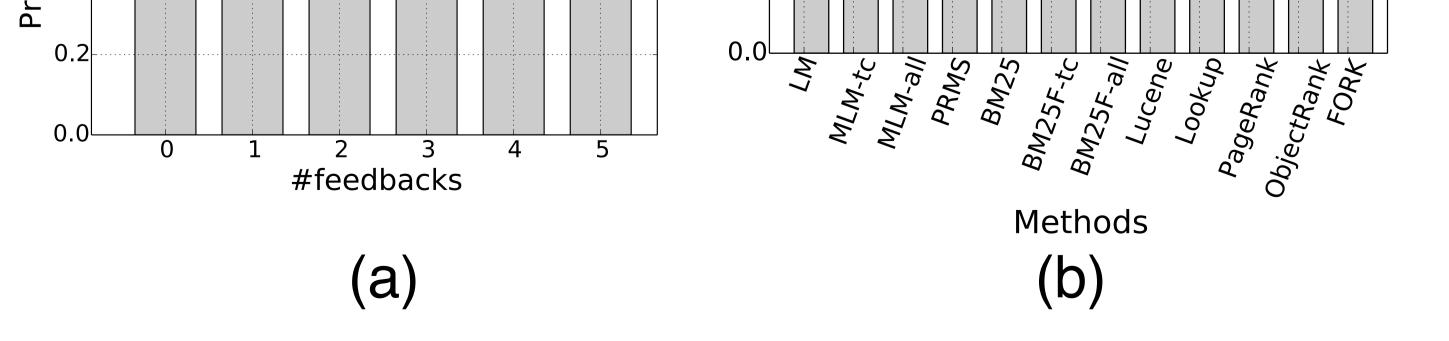
Input: relevance judgements on (top-k) search results Output: modified edge weights on schema graph







[4] Balmin, A., Hristidis, V., Papakonstantinou, Y.: ObjectRank: Authority-Based Keyword Search in Databases. In: VLDB 2004. pp. 564–575 (2004)



## Dataset

- Data: DBpedia 3.9
- Entity search benchmark [6]
  Measurement: Precision@10

[6] Balog, K., Neumayer, R.: A Test Collection for Entity Search in DBpedia. In: SIGIR 2013. pp. 737–740 (2013)