Overview

The Academic Benchmark is designed to facilitate research in computer science (CS). The major purpose is to change the situation in CS where most published methods are difficult to compare with due to the lack of public dataset, open codes, or clear experimental settings. Therefore, in this website, we not only report the performances of state-of-the-art algorithms in different domains, but also collect the corresponding datasets, codes, and scripts that can make the experimental results reproducible. When developing new methods in these domain, researchers can simply take-away and compare with all the available baseline methods. In this way, we can help researchers spend less time on duplicated efforts, and focus more on new ideas.

Events

The grocery shopping dataset Ta-Feng was released within the domain of recommendation in May 2015.

- the dataset: Ta-Feng
- the baseline: HRM

Benchmark for word representation was released in May 2015.

- four datasets: Word Analogy, Rare Word, Word Similarity 353 and Stanford Contextual Word Similarity
- five baselines: PDC, SG, HDC, CBOW and GloVe

Benchmark for community detection was released in May 2015.

- three datasets: SyntheticNetwork_LRF_0.2, SyntheticNetwork_LRF_0.4 and SyntheticNetwork_LRF_0.6
- three baselines: Louvain, Infomap and OSLOM

Benchmark for Learning to rank was released in January 2015.

- two datasets from LETOR 4.0 : MQ2007 and MQ2008
- several baselines are included

Benchmark for recommendation was released in January 2015.

- one dataset derived from MovieLens-10M : MOVIELENS-10M
- several baselines are included