

Citation Analysis for Academic Expert Finding

ABSTRACT

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Keywords

citation analysis, expert finding

1. INTRODUCTION

What is expert search? Different types of evidence? Why is expert search important? Say that it has received a lot of attention in TREC. Mostly focused on the content-based aspect. Argue for potential of citations. Some work done on including citations, but nothing serious. We examine the use of citations for expert finding on a large scale.

Existing collections do not have citations, so we need a new collection that contains citations. We use the DBLP data set as our document collection, because a subset of it contains citations. To get topics, we use a novel method: taking workshop website descriptions and using the organizers and program committee members as relevance judgments.

Contributions: (1) studying citation analysis for expert finding on large scale, (2) novel way of producing topic set for test collection, (3) comparing different types of citation analysis metrics.

The remainder of this paper is organized as follows. ...

2. RELATED WORK

3. METHODOLOGY

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4. DISCUSSION & CONCLUSIONS

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5. REFERENCES

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