Abstract

The ever increasing need for Information globally is a primary reason for the scores of daily usage of IR system. Therefore there is a need to evaluate the system from a more holistic perspective – of both the system and the user. At the moment system-centered measures are not usable for the user-centered approach. Therefore, this paper attempts to determine and also
suggest measures as well as methods to meet this need. The factor analytic technique was experimented for this purpose, and the structural equation modeling technique was used to estimate the resultant model. Results show that the study demonstrated high significance. Hence, the statistics presented is capable of inspiring further work in IR systems’ evaluation from user’s perspective.

Reference

- Marius Pasca and Sandra Harabagiu. High Performance question/answering. In
Assessment of Measures for Information Retrieval System Evaluation: A User-centered Approach


Index Terms

Computer Science

Information Retrieval

Key words

Structural equation modeling

Factor Analysis

IR system

Measures

System-centered paradigm

User-centered paradigm