

ALQASIM: Arabic Language Question Answer Selection in Machines

Ahmed Magdy Ezzeldin, Mohamed Hamed Kholief, and Yasser El-Sonbaty

College of Computing and Information Technology, AASTMT
Alexandria, Egypt
a.magdy@alworks.com, {kholief,yasser}@aast.edu

Abstract. This paper presents “ALQASIM”, a question answering system that focuses on answer selection and validation. Our experiments have been conducted in the framework of the main task of QA4MRE @ CLEF 2013. ALQASIM uses a novel technique by analyzing the reading test documents instead of the questions, which leads to a promising performance of 0.31 accuracy and 0.36 C@1, without using the test-set background collections.

Keywords: Question Answering, QA4MRE, Machine Reading Evaluation, Answer Selection, Answer Validation.