Abstract

Scientific papers are published research report, and often cited to develop other researches. More scientific papers available online triggers the need for information extraction of the papers, especially for search engine. To retrieve information from large number of papers quickly and accurately, a system of automatic information extraction on scientific paper is needed. One of the approach that can be done for information extraction is supervised learning.

In this research, information extraction from scientific paper with supervised learning is done. The results of this research are best combinations of feature and classifier to extract every information from scientific paper. Using all of the features combination can enhance the overall classifier performance with 96.39% word accuracy and 0.935 F1-measure.

Keywords : information extraction, supervised learning, scientific journal, natural language processing