

Introduction
Poster Snapshot

Extraction of Relevant Figures and Tables For Multi - Document Summarization

Ashish Sadh, Amit Sahu, Devesh Srivastava, Ratna Sanyal, Sudip Sanyal

Indian Institute of Information Technology - Allahabad, India

CICLing 2012





Extraction of Relevant Figures and Tables For Multi - Document Summarization

Introduction

Poster Snapshot

Our main contributions are:

- Incorporation of Relevant Figures and Tables in Multi-Document summary
- Relevancy Measure based on Direct and Indirect references
- Generation of Priority Lists of Figures and Tables to assist integration of the most relevant once only





See you at the Poster Session!

EXTRACTION OF RELEVANT FIGURES AND TABLES

Introduction

Poster Snapshot

FOR MULTI-DOCUMENT SUMMARIZATION ASHISH SADH, AMIT SAHU, DEVESH SRIVASTAVA, RATNA SANYAL, SUDIP SANYAL Time of Indian Institute of Information Technology - Allahabad, India METHODOLOGY System extracts important figures and tables from topically related documents by exploiting these figures/tables convey a large chunk of intheir association with the textual component formation in relatively condensed form. Hence, Typically, any figure or table can be associated these units characterize an excellent choice as with its corresponding text using a direct refer-A ranked list of figures/tables is constated simificance, one must find a way to extract important figures and tables for effective summaand done in a way to improve cohesion and co FIGURE 1: OVERVIEW DIAGRAM RELEVANCY MEASURE Relevance score of any figure/table can be Pre-Processing where, scs is the score of a sentence containing words and ith word occurs we times within the The contribution of a direct references can be 8 $DR = m * \sum_{i=1}^{m} scs_i$ The contribution of a indirect references can $IR = CS * \sum_{i=1}^{n} sis_i$ where CS is the sum of cosine similarity scores of indirect references with the caption, n is number indirect reference (equation 1 Final Relevance Score, S = IR + DI RESULTS SOURCE CODE Doc-Set 1 ecutables with an interactive inter-Artificial Neural Network face are available at: (Effect of the Sun on Skin) Table 1. Description of the Document Collections with the system generated ranks. An aggregated score using these correlation values is calculated using meth-Technology: Allahabad and Ministry of Commuods WCA and RBA as described in I21. Values are con

Table 2. Scores for the system rankings

The source code and compiled executables with an interactive interface are available at, http://goo.gl/YgoIy

