

Pemetaan ilmu pengetahuan pada laporan penelitian dosen Fakultas Ekonomi Universitas Jambi tahun 1991-2000

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Abstrak

Penelitian ini bertujuan untuk (1) memetakan ilmu pengetahuan bidang ekonomi berdasarkan laporan penelitian dosen Universitas Jambi, dengan co-words dan co-classification, (2) mengetahui dan menjelaskan peta ilmu pengetahuan dari laporan penelitian dosen Fakultas Ekonomi Universitas Jambi berdasarkan co-classification dan co-words, dan (3) mengelompokkan dokumen berdasarkan descriptor/kata kunci. Dalam penelitian ini Simple matching digunakan untuk mengukur similarity antar dokumen dan koefisien Jaccard digunakan untuk pemetaan dan pengelompokan dengan menggunakan metode complete linkage (furthes neighbor). Pemetaan dilakukan berdasarkan co-word dan co-classification.

Dari 406 judul laporan penelitian dosen Fakultas Ekonomi Universitas Jambi yang diterbitkan tahun 1991 - 2000, ditarik sampel sebanyak 197 dokumen. Berdasarkan analisis co-words diperoleh 671 kata kunci atau dengan rata-rates. 3,39 kata kunci perlaporan penelitian. Kemudian dilakukan pengelompokan pada tahun 1991-1995, 1996-1998 dan 1999-2000 masing-masing 6 (enam) kelompok. Sedangkan berdasarkan co-classification dengan kriteria yang sama, dilakukan pengelompokan terhadap laporan penelitian dosen Fakultas Ekonomi Universitas Jambi tahun 1991-1995, 1996-1998 dan 1999-2000 masing-masing terbagi 5 (lima) kelompok.

Berdasarkan analisis co-words, hasil pengelompokan laporan penelitian dosen Fakultas Ekonomi Universitas Jambi tahun 1991-1995 terdiri dari: Koperasi, Demografi, Tenaga Kerja, Keuangan, Ekonomi-Keadaan, dan Perdagangan. Pada tahun 1996-1998 terdiri dari: Koperasi, Tenaga Kerja, Industri, Ekonomi-Keadaan, Keuangan, dan Pendapatan. Kemudian tahun 1999-2000 terdiri dari: Ekonomi-Keadaan, Wanita Pekerja, Perdagangan, Tenaga Kerja, Pendapatan, dan Investasi.

Berdasarkan analisis co-classification, hasil pengelompokan laporan penelitian dosen Fakultas Ekonomi Universitas Jambi tahun 1991-1995 terdiri dari: Keuangan, industri, Tenaga Kerja, Koperasi, Ekonomi-Keadaan. Pada tahun 1996-1998 terdiri dari: Industri, Tenaga Kerja (Pekerja Wanita), Koperasi, Investasi dan Ekonomi-Keadaan. Kemudian tahun 1999-2000 terdiri dari: Investasi, Produksi, keuangan dan perkembangan ekonomi.

<i>Visualization of Knowledge for Report of the Research Lecture of Economic Faculty of the Jambi University, 1991-2000 Goal of this research is (1) To visualization of knowledge of economics be bases on report of research lecture of the Jambi University, with co-words and co-classification, (2) To know and explained map of knowledge for report research lecture of Economic Faculty of the Jambi University be based on co-classification and co-words, and (3) to cluster document be based on descriptor/co-words. For this research simple matching is measuring to similarity for documents and Jaccard coefficients is measuring

to mapping and to clustering by method complete linkage (furthers neighbor). To mapping this document by co-words analysis and co-classification analysis.

For the 406 report of the lecture of the Jambi University for 1991-2000 have 197 documents for sample. Be based co-words analysis has 671 co-words or average 3,39 words for report. And than divisible 6 clusters all of periods: 1991-1995, 1996-1998 and 1999-2000 and for co-classification analysis and the same criteria, at 1991-1996, 1996-1998, and 1999-2000 has all 5 clusters.

Be based on co-words analysis, result of clustering reports of research lecture of Economic Faculty of the Jambi University at 1991-1999 consists of: corporation, demography, labor's, financial, economic, and trade. At the 1996-1998 consists: corporation, labors, industry, economics, financial, and income. And at the 1999-2000" consists: economics, laborer of women, trade, and labor?s, income, and invests.

Be based on co-classification analysis, clustering of the report of research of lecture economy faculty of the Jambi University at 1991-1995, consists of: corporation, labor's, economy, industry and financial. At the 1996-1998 consists of: corporation, labors, small industry, economy, and income. And so on at 1999-2000t consists of: economy, labor's, invests, industry and taxation.

By co-words analysis, reports of research of Lecture of Economy Faculty of the Jambi University have 6 clusters, and co-classification analysis only 5 clusters. So, co-classification analysis more simple than co-words analysis.</i>