

ICU#9 – Innovation and public service Method, raw clusters and reference list

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1. Method

1. This ICU is based upon a semantic analysis of a selection from about 22 000 articles from international Press Agencies, newspapers and specialised journals, collected from April 2008 to mid-June 2009. By definition, all results presented are 'as of' the period concerned.
2. In addition to Press Agencies News and to specialised journals, the newspapers are the most important ones of about 20 countries: China, Denmark, France, Germany, India, Indonesia, Ireland, Israel, Italy, Japan, Korea, Russia, Spain, Sweden, Swiss, Taiwan, Turkey, UK and the US (Cf. the reference list below).
3. In the first place, the articles are collected because they contain the root word: "innovat*".
4. In addition to 'innovat*', the articles analysed for this ICU contained a reference to 'public service'. Once the relevance of the selection has been double-checked, 131 articles in the database were found to correspond to this set of criteria. They were therefore subject to the semantic cluster analysis.

2. Clustering

The higher level clusters only are presented hereafter; analysing the clusters entails getting back to the documents that structure them.

Cluster 1: market, company, growth, economy, tax, investment, rate, sector, trade, jobs (65 documents)

Cluster 2: design, award, information, technology, director, governance, organization, contract, science, scheme (37 documents)

Cluster 3: Tory, party, election, cabinet, secretary, school, town, minister, conservative, politician (29 documents)

NB: As a reminder: the clustering analysis is based upon a variant of 'k-means', classic 'bags of words' type; we have chosen to have a maximum of 3 groupings, based on proximities to the entities: 'companies' and 'common-nouns'.

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