

Language Technologies for Placement & Formative Feedback

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Problem Description & Target

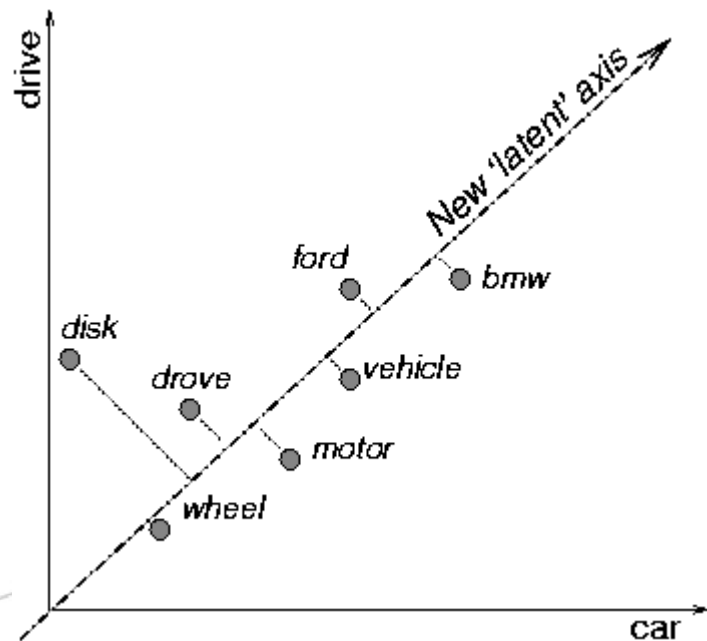
- In learning networks and informal learning contexts extensive descriptions about the learning activities are often missing
- At the same time existing procedures to adapt course offerings on the basis of the prior knowledge of learners are time-intensive and expensive (In UK & the Netherlands: APL=Accreditation of Prior Learning)
- Our project target: Explore alternative methods to provide learners with information about their current relation to learning activities (=placement) and for formative feedback
- Our idea: Use of advanced language technology to approximate prior knowledge of learners on the basis of their writings (e.g. in an eportfolio)



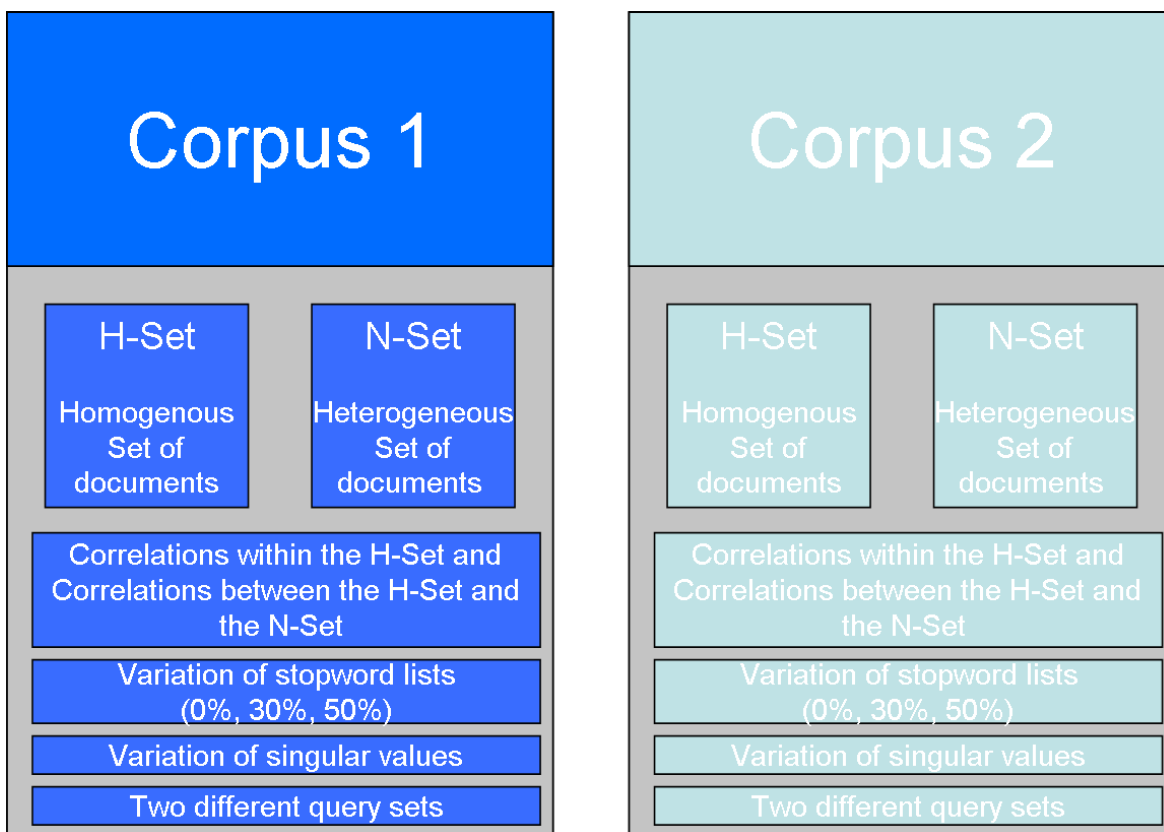
Method: Latent Semantic Analysis

Latent Semantic Analysis (LSA) has been proven as a useful technique in several educational scenarios like automated essay scoring or peer tutor Selection

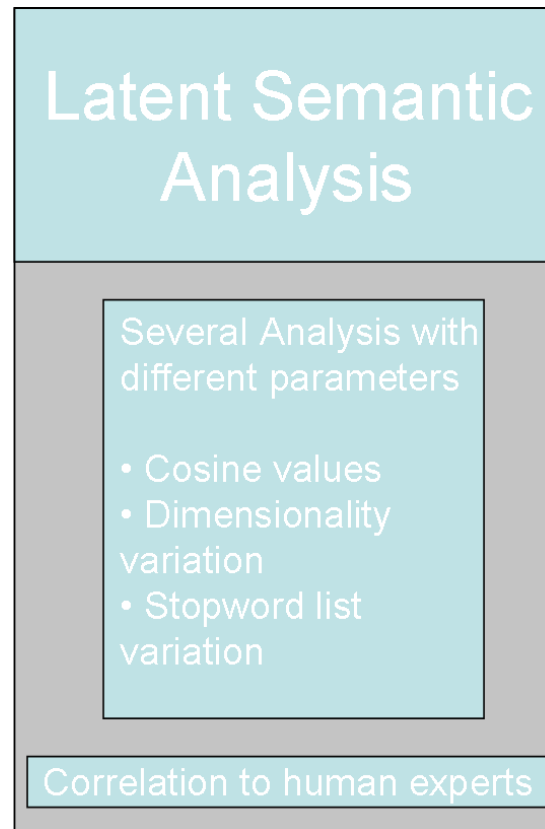
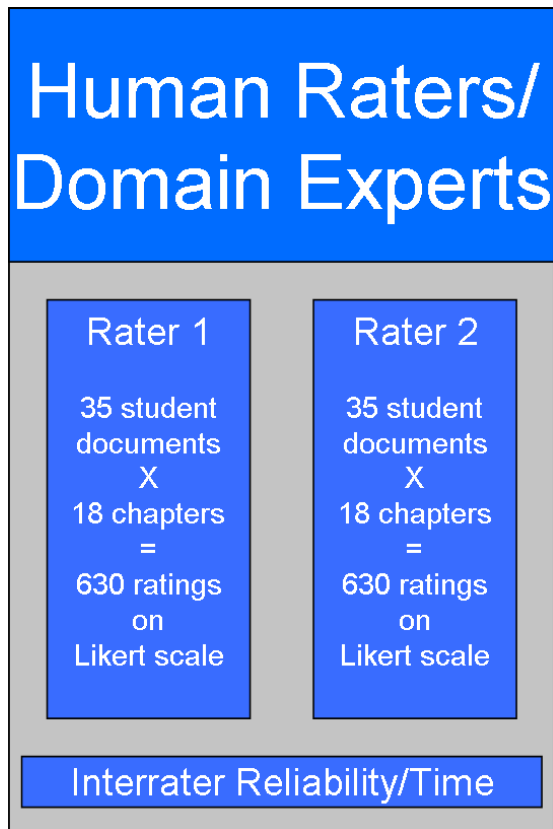
We have tested and evaluated the application of LSA for prior knowledge approximation



Experimental Design I

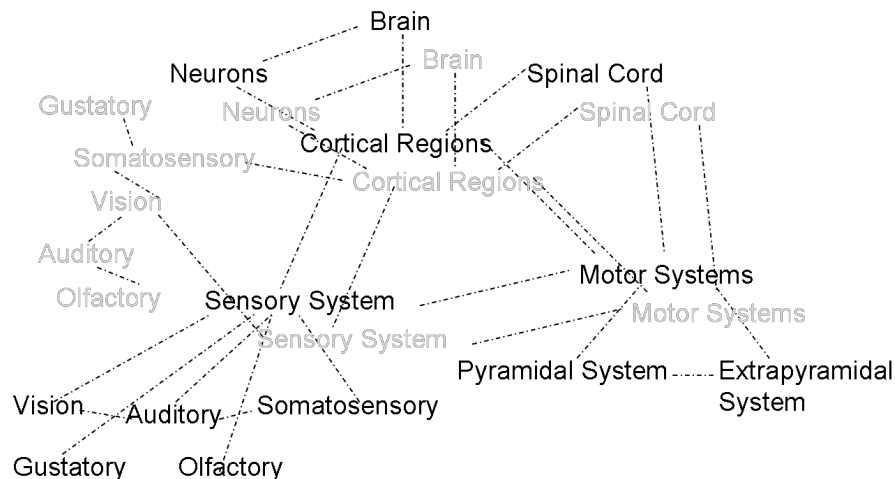


Experimental Design II



Prototypes & Current Work

Semi-Automatic Concept Map Generation



SWeMoF
Semantic Weblog Monitoring Framework

Experiment Results - Elgg10Clu

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-----Clustering Result (8179 ms)-----
| cluster: 0
| Reflection after the first week of ReMashed
| ReMashed is still growing!
| ReMashed evaluation week 3
-----
| cluster: 1
| Singularity
| Experiment Working Memory
| New tool for Research / Questionnaires
| New CELSTEC Website Online!
| New CELSTEC Website Online!
| Mash-up your Life!
| SUPPLETOS proceedings published
| A short history of the internet...in one song
| Drupal for Newbies: A video introduction
| Where are the learning networks?
| 2009 is the Dutch Open Access Year
| Translated version of http://libelefina.blogspot.com/
| Κέντρο Περιβαλλοντικής Εκπαίδευσης Αρχαίων - Center of Environmental Education of Archaean (C...
| Five identities one Europe
| Magazinefactory - The Place We Live In:
| Το κομψο μαζ
| cookIT tasteIT ictIT
| Pedagogical innovations in new ICT-facilitated learning communities
| New Millennium Learners - Centre for Educational Research and Innovation (CERI)
| A touch screen for schools for less than 50€
| EVA - Elinkeinoelämän Valtuuskunta
| Intelligent Information Management Call for November
| Mobile learning apps today and tomorrow
    
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Done Download

Semantic Weblog Monitoring Framework (SWeMoF)

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