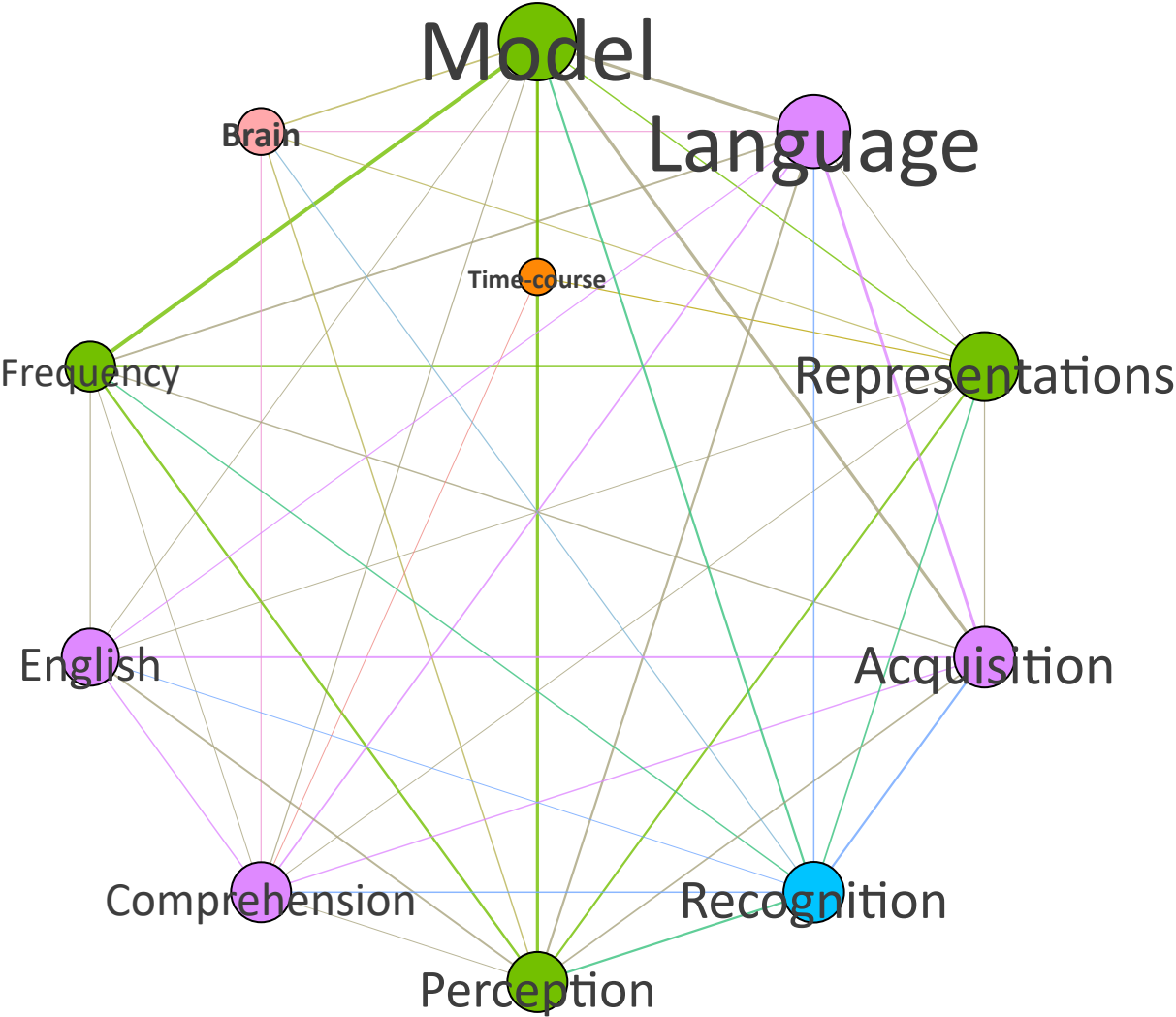# Word Co-Occurrence Network for Computational Linguistic related journal articles

Source: A collection of 743 journal articles from Web of Science related to computational linguistics for the period 2011-2015
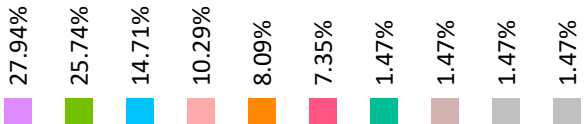

Legend

Eigenvector Centrality

41
32
20

A r e a (L i n e a r)

Calculates node importance based on connections to other nodes.

Modularity Class

27.94% 25.74% 14.71% 10.29% 8.09% 7.35% 1.47% 1.47% 1.47% 1.47%

Measures how well a network decomposes into modular communities.

About this visualization

A Dual Circular Layout illustrating network communities between 15 and 41 degrees with node color representing modularity and node size representing Eigenvetor Centrality. The network was created using pre-sanitized Keywords from a collection of 743 Web of Science journal articles related to computational linguistics for the period 2011-2015. The original dataset was filtered to exclude Edges with a weight < 2.0. The Gephi layout was creating using the SCI2 DrL(VxOrd) algorithm. Visualization editing was performed in InkScape.

Author: Bill Screen (wscreen@iu.edu)