

Robert Krovetz

AN INVESTIGATION OF SENSE ORDERING ACROSS DICTIONARIES WITH RESPECT TO LEXICAL SEMANTIC RELATIONSHIPS

Abstract This paper discusses an investigation of how senses are ordered across eight dictionaries. A dataset of 75 words was used for this purpose, and two senses were examined for each word. The words are divided into three groups of 25 words each according to the relationship between the senses: Homonymy, Metaphor, and Systematic Polysemy. The primary finding is that WordNet differs from the other dictionaries in terms of Metaphor. The order of the senses was more often incorrectly figurative/literal, and it had the highest percentage of figurative senses that were not found. We discuss leveraging another dictionary, COBUILD, to re-order the senses according to frequency.

Keywords Lexical semantics; word senses; corpus analysis

Contact information

Robert Krovetz

Lexical Research

rkrovetz@lexicalresearch.com