Working title:

Manipulating Associative, Semantic, and Thematic Relationships Between Word Pairs to Predict Recall Performance

Abstract:

This study examined how the relationships between pairs of words can be used as a predictor of performance on a cued recall task. 100 participants recruited from Amazon’s Mechanical Turk were shown 63 word pairs of varying associative, semantic, and thematic relatedness. The pairs were divided into three blocks containing 21 word pairs each. Participants were randomly selected to rate each word pair on its level of associative, semantic, or thematic relatedness. All 63 word pairs received judgments on all three criteria. Last, participants then completed a cue-only recall task wherein participants were asked to complete each pair by filling in the correct missing word. Our hypothesis was that participants will be more likely to correctly recall words from the pairs that were more strongly related, and we plan to examine the interaction between judgment type, judgment strength, relatedness, and accuracy to expand on results found in previous literature (Maki, 2008; Buchanan, 2009; Valentine & Buchanan, 2014).