

# Morph2Vec

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April 25, 2017

## **1 Introduction**

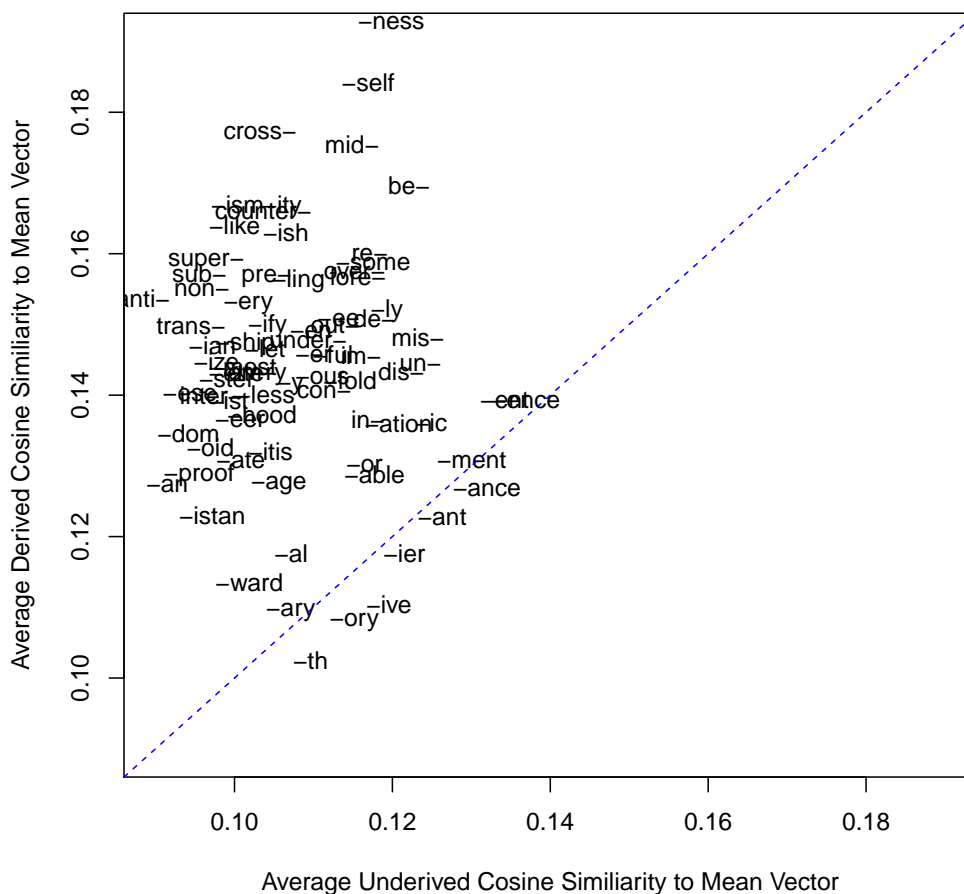


Figure 1: The average Cosine Similarity calculation between all underived word vectors and their mean vector is plotted against the Cosine Similarity calculation between all derived vectors and their mean vector. For each affix above the  $X=Y$  line, the average Cosine Similarity is greater for derived forms than for underived forms. We conclude that derived word forms are closer to their mean, and therefore are more semantically similar than underived forms.