

Current Structure: Draft v2

ABSTRACT

1. INTRODUCTION

1.1 Issues with Lack of Annotated Corpora

2. RELATED WORKS

2.1 Directly Learning Lexical Sense Embeddings

2.2 Mapping WSI senses to lexical senses through a mapping corpus

3. FRAMEWORK

3.1 Sense Language Model

3.2 A General WSD method

3.2.1 Geometric Smoothing

3.3 Synthesising New Embeddings from a Single Example

3.3.1 Fallback for short phrases (collocations)

3.4 Word Sense Disambiguation

3.5 RefittedSim

4. METHOD

4.1 A Baseline Greedy Word Sense Embedding Method

4.2 Experimental Setup and Model Parameters

4.2.1 AdaGram

4.3 Greedy Baseline Model

5. RESULTS AND DISCUSSION

5.1 Similarity in context

5.2 Word Sense Disambiguation

6. CONCLUSION