

# Sectioned with application methods near application results

## ABSTRACT

### 1. INTRODUCTION

#### 1.1 Issues with Lack of Annotated Corpora

### 2. RELATED WORKS

#### 2.1 Directly Learning Lexical Sense Embeddings

### 3. METHOD: REFITTING

#### 3.1 Sense Language Model

#### 3.2 A General WSD method

#### 3.3 Geometric Smoothing for General WSD

#### 3.4 Refitting Sense Embeddings

##### 3.4.1 Fallback for short phrases (collocations)

### 4. EXPERIMENTAL SETUP: EMBEDDING MODELS

#### 4.0.2 AdaGram

#### 4.1 A Baseline Greedy Word Sense Embedding Method

### 5. SIMILARITY OF WORDS IN CONTEXT

#### 5.1 Related Works: ArvSimC

#### 5.2 RefittedSim

#### 5.3 Similarity Experiment Setup

#### 5.4 Similarity Results

### 6. WORD SENSE DISAMBIGUATION

#### 6.1 Method: Using Refitted Sense Vectors for WSD

#### 6.2 Related Works: Mapping WSI senses to lexical senses through a mapping corpus



#### 6.3 WSD Experiment Setup

#### 6.4 WSD Results

### 7. CONCLUSION