COMP90049 Project 1 Report: Word Blending

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1 Introduction

The aim of this report is to implement Local Edit Distance algorithm (herein LED) and Jaro-Winkler Similarity algorithm (herein JWS) in order to detect word blends, in which the word candidates comes from a data set comprising frequent terms in Twitter data. LED algorithm calculates the approximate string match distance betweeen two strings. JWS algorithm aims to approximate the similarity between two strings. LED and JWS are used to decide whether the prefix and the suffix of a word are close enough to a word that is already in the English Dictionary. Therefore, the word can be detected as a blending word if the prefix and suffix of it both are similar closely with any word in the English Dictionary by using LED and JWS.

Please don't include your name and/or student ID in the title or header; your report should be anonymised for the reviewing process. Don't forget that you must cite the Twitter dataset (**?**) and blend datasets (**???**).

2 Dataset

3 Section

Text,[1] with footnotes at bottom of page.

3.1 Subsection

Text of the subsection with citations such as **?**, **?** and **?**. Note that the citation style is defined as Harvard, but you may use other (formal) citation styles if you prefer.

3.1.1 Subsubsection

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Corpus	Features
AAA	1M words
BBB	spoken corpus (expensive)
CCC	2M words
	free (to academics)

Table 1: The caption of the table

4 Section

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5 Section

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6 Conclusions

Concluding text.

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[1] Footnote text