

APPENDIX 2

LIST OF SELECTED FEATURES

Table A 2.1 Features selected using the Genetic Algorithm Approach

Feature Category	Feature	Feature Category	Feature
Lexical – 5 features	Skipgram Precision and Recall	Semantic – 4 features	Verb Similarity
	Longest Common Subsequence		Adverb Similarity
	BLEU Precision and Recall		Negation precision and recall
Syntactic Features – 48 features			
Tree Edit Distance Precision		Triple Similarity Function Precision	
Tree Edit Distance Recall		Triple Similarity Function Recall	
Pairs of POSPER Features (Syntactic)			
Adjective		Verb be, base form	
Adjective Comparative		Verb be, past tense	
Preposition / Subordinate Conjunction		Verb be, non-3rd person, Singular Present	
Modal		Verb be, 3rd person, Singular Present	
Noun Singular or Mass		Verb have, base form	
Noun Plural		Verb have, past tense	
Proper Noun Singular		Verb, base form	
Proper Noun Plural		Verb, past tense	
Possessive ending		Verb, gerund/present participle	
Possessive pronoun		Verb, past participle	
Particle		Verb, 3rd person, Singular Present	