

Probabilistic Models	model word probability set data number algorithm language corpus method
Prosody	prosodic speech pitch boundary prosody phrase boundaries accent repairs intonation
Semantic Roles*	semantic verb frame argument verbs role roles predicate arguments
Yale School Semantics	knowledge system semantic language concept representation information network concepts base
Sentiment	subjective opinion sentiment negative polarity positive wiebe reviews sentence opinions
Speech Recognition	speech recognition word system language data speaker error test spoken
Spell Correction	errors error correction spelling ocr correct corrections checker basque corrected detection
Statistical MT	english word alignment language source target sentence machine bilingual mt
Statistical Parsing	dependency parsing treebank parser tree parse head model al np
Summarization	sentence text evaluation document topic summary summarization human summaries score
Syntactic Structure	verb noun syntactic sentence phrase np subject structure case clause
TAG Grammars*	tree node trees nodes derivation tag root figure adjoining grammar
Unification	feature structure grammar lexical constraints unification constraint type structures rule
WSD*	word senses wordnet disambiguation lexical semantic context similarity dictionary
Word Segmentation	chinese word character segmentation corpus dictionary korean language table system
WordNet*	synset wordnet synsets hypernym ili wordnets hypernyms eurowordnet hyponym ewn wn

Table 2: Top 10 words for 43 of the topics. Starred topics are hand-seeded.