

Contents

1	Introduction	11
2	Speech rate and tone-unit length	16
2.1	Introduction	16
2.2	Material	17
2.3	Method	19
2.4	Speech rate	21
2.5	Tone-unit rate	23
2.6	Tone-unit length	23
2.7	The variability of tone-unit length	25
2.8	Conclusion	26
3	Prosodic patterns in a prepared monologue	29
3.1	Introduction	29
3.2	Prosodic framework	30
3.3	The text	31
3.4	Distribution of prosodic features	32
3.5	The onset	34
3.6	Nuclear tones	35
3.6.1	Classification	35
3.6.2	Distribution of nuclear types	35
3.6.3	Distribution of major nuclear categories	37
3.7	Nuclear tones related to tone-unit length	39
3.8	Tonicity	41
3.9	Conclusion	43
4	Predicting text segmentation into tone units	46
4.1	Introduction	46
4.2	Previous research	48
4.3	Procedure and definitions	50
4.4	Segmentation at sentence level	52
4.4.1	Coordinate clauses	54
4.4.2	Subordinate clauses	56
4.4.3	Initial clauses	56
4.4.4	Medial clauses	58
4.4.5	Final nominal clauses	59
4.4.6	Final adverbial clauses	65

4.4.7	Direct speech	68
4.4.8	Postmodifying clauses	69
4.4.9	Summary	75
4.5	Segmentation at clause level	79
4.5.1	Crystal's predictions	79
4.5.2	Tone-unit segmentation and clause length	80
4.5.3	Basic vs expanded clauses	82
4.5.4	Prosodic breaking-points in the clause	84
4.5.5	Basic clause types	88
4.5.6	Subjects	89
4.5.7	Adverbials	91
4.5.8	Complements	92
4.5.9	Expanded clauses	93
4.5.10	Adverbial expansions	94
4.5.11	Marked element order	101
4.5.12	Other observations	102
4.5.13	Summary	103
4.6	Segmentation at phrase level	105
4.6.1	Simple and multiple phrases	105
4.6.2	Coordination	108
4.6.3	Apposition	109
4.6.4	Premodification	109
4.6.5	Postmodification	111
4.6.6	Prosodic breaks in other phrase categories	117
4.6.7	Summary	119
4.7	Conclusion	120
5	Correlation between prosodic features and word classes	125
5.1	Introduction	125
5.2	The prosodic potential of primary word classes	127
5.3	The prosodic potential of secondary word classes	131
5.3.1	General observations	132
5.3.2	Stress vs zero	133
5.3.3	Booster	136
5.3.4	Nucleus	136
5.4	The prognostic value of the word-class systems	137
5.5	Prosodic differentiation of related word categories	139
5.6	A probabilistic stress rule	142
5.7	Conclusion	145

6	Towards a probabilistic onset rule	148
6.1	Introduction	148
6.2	Potential onset locations	148
6.3	The onset potential of the word classes	150
6.4	A word-class based onset rule	152
6.5	Onset compared with overall prosodic prominence	155
6.6	Some suggestions for improving the onset rule	156
7	Tonicity	160
7.1	Introduction	160
7.2	Simple tonicity	162
7.2.1	The 'last-lexical-item' principle	162
7.2.2	The nucleus potential of the word classes	164
7.2.3	Open-class words without nucleus	165
7.2.4	Closed-class words in focal territory	168
7.2.5	Predicting simple tonicity	174
7.3	Compound tonicity	178
7.3.1	Contours and functions	178
7.3.2	Structural types	180
7.3.3	Clausal contours	181
7.3.4	Phrasal contours	184
7.3.5	The variability of compound tonicity	187
7.3.6	Predicting compound tonicity	189
7.4	Conclusion	190
8	Conclusion	193
Appendix A	List of prosodic symbols	199
Appendix B	Flowchart for assigning tone-unit boundaries in a prepared monologue	200
Appendix C	Prosodic potential of word categories	205
Appendix D	Onset potential of word categories	208
References		211
Index		217