

Contents

List of tables	vi
List of figures	vii
Acknowledgements	ix
1 A critical review of genre analysis	1
2 Methods	23
3 Setting the stage: analysis of Introduction sections	37
4 Inviting applause: analysis of Discussion sections	62
5 The tie that binds: lexical cohesion	103
6 The cast of characters in scientific texts	124
7 Signalling beginnings and endings	137
8 Conclusions	146
Bibliography	157
Index	163

List of tables

1.1	'Move' classifications in scientific research articles, in four studies	19
1.2	Comparison of 'moves' in Discussion sections as determined by five previous studies	20
3.1	Component acts of 'moves' in Introduction sections of research texts	40
3.2	Realizations of 'promises to fill the gap'	57
4.1	Component acts of 'moves' in Discussion sections of research texts	65
4.2	Distribution of 'moves' in Discussion section, by text	86
4.3	Order of 'moves' by text	91
4.4	Comparison of 'moves' in Discussion sections as determined by five previous studies and the present study	93
4.5	Comments in Discussion sections, by function	96
4.6	Sentences in Discussion sections that signal for 'conclusion' and do not select for 'uncertainty' within the sentence, by category	99
5.1	Processes of performing, analysing and reporting research and indicating strength of results, by type of agent	114
5.2	Lexical cohesion choices in Introductions, by move (Texts 1–8 combined)	116
5.3	Lexical cohesion choices in Discussions, by move (Texts 1–8 combined)	117
5.4	Processes by occurrence in Introduction and Discussion sections	118
5.5	Distribution of cohesive chains, by text and section	119
8.1	Comparison of types of text structures	151

List of figures

1.1	A suggested agnation network for scientific research reports	16
2.1	Extract of an Introduction text	27
2.2	Constituents of a move	28
2.3	Example Introduction text	29
2.4	Semantic analysis of realizations of 'claim relevance'	31
2.5	A partial system network for features of the head act of Move 1, 'claim relevance'	32
2.6	Realization rules for the head act of Move 1, 'claim relevance'	33
2.7	Example of the structure of a move: offering interpretation	35
3.1	A partial system network for features of the head act of Move 2, 'establish the gap'	45
3.2	Realization rules for features of the head act of Move 2, 'establish the gap'	47
3.3	A partial system network for features of 'strength of the claim'	49
3.4	A partial system network for features of the head act of Move 3, 'preview author's contribution'	53
3.5	Realization rules for features of the head act of Move 3, 'preview author's contribution'	54
4.1	A partial system network for features of the head act of Move C, 'offer interpretation'	70
4.2	Realization rules for the head act of Move C, 'offer interpretation'	71
4.3	A partial system network for features of the head act of Move E, 'recommend research'	73
4.4	Realization rules for the head act of Move E, 'state implications'	74
4.5	A partial system network for features of the head act of Move A, 'report accomplishments'	75
4.6	Realization rules for features of the head act of Move A, 'report accomplishments'	75

4.7	A partial system network for features of the head act of Move B, 'evaluate congruence'	77
4.8	Realization rules for features of the head act of Move B, 'evaluate congruence'	78
4.9	A partial system network for features of Move D, 'raise potential counterclaims'	80
4.10	Realization rules for 'raise potential counterclaims'	82
4.11	A partial system network for features for 'respond to potential counterclaims'	83
4.12	Realization rules for 'respond to potential counterclaims'	84
4.13	Flowchart representation of Discussion texts	88
5.1	Contrast systems in English	107
5.2	Taxonomy of lexical items in trees	108
5.3	Taxonomy of lexical choices	112
5.4	Lexical cohesion chains in sample text	121
7.1	Conjunction in English, highlighting system network for concessives	139