

Table of contents

List of tables	IX
List of figures	XI
List of equations	XIII
List of abbreviations	XV
List of other symbols	XVII
Acknowledgements	XIX
CHAPTER 1	
Introduction	1
1.1 Scottish English: Previous research	1
1.2 The present study in the context of Edinburgh	3
1.3 The variables under investigation	7
1.4 Research in a sociophonetic framework	10
1.5 Overall contribution of the present study	13
1.6 Structure of the book	14
CHAPTER 2	
Scottish Standard English in context	17
2.1 The Scottish English language continuum	17
2.1.1 Scots and Scottish Standard English	18
2.1.2 Status and definition of SSE	20
2.1.3 'Drifting'	22
2.2 SSE as a double contact variety	23
2.3 Characteristics of the SSE accent	26
2.3.1 The sound inventory	26
2.3.2 Criterial and optional features of SSE	30
CHAPTER 3	
Explaining accent variation and change	33
3.1 Accent contact and change by accommodation	33
3.2 Internal and external factors in variation and change	35
3.2.1 Age, gender and contact	36
3.2.2 Style	38

3.2.3	Ease of articulation and clarity	40	
3.2.4	Frequency effects	42	
3.2.5	Other internal factors	43	
3.3	Towards a unified model	45	
CHAPTER 4			
Data and methodology			47
4.1	Data collection	47	
4.1.1	Speakers and styles	48	
4.1.2	Types and tokens	50	
4.1.3	Recording, processing and transcription	52	
4.2	Analysing acoustic vowel data	53	
4.2.1	Making vowel measurements	54	
4.2.2	Vowel transformation	55	
4.2.3	Acoustic vowels as variables	58	
4.3	Auditory analyses of (r)	59	
4.4	Multilevel modelling	60	
4.4.1	The hierarchical (generalised) linear model	61	
4.4.2	Model output and diagnostics	63	
4.4.3	Model-building	65	
CHAPTER 5			
The research context for /e/ and /o/			67
5.1	The acoustics and perception of diphthongs	67	
5.2	Historical developments of (e) and (o)	69	
5.3	/e/ and /o/ in Scotland	71	
5.3.1	Early sources and textbooks	72	
5.3.2	Contemporary empirical research	73	
5.4	Summary and research questions	75	
CHAPTER 6			
Statistical analyses of (e) and (o)			79
6.1	Descriptive statistics	79	
6.2	Multilevel analyses of (e) and (o)	83	
6.2.1	Social effects	86	
6.2.2	Stylistic effects	89	
6.2.3	Language-internal effects	93	
6.3	Discussion of results	96	

CHAPTER 7	
The research context for (r)	101
7.1 Variability of /r/	101
7.2 Historical developments of /r/	103
7.3 /r/ in Scotland	104
7.3.1 Early sources and textbooks	104
7.3.2 Contemporary empirical research	106
7.4 Linking /r/	110
7.5 Summary and research questions	112
CHAPTER 8	
Statistical analyses of (r)	115
8.1 Descriptive statistics	115
8.2 Multilevel analyses of (r)	120
8.2.1 Social effects	123
8.2.2 Stylistic effects	126
8.2.3 Language-internal effects	127
8.3 Discussion of results	134
CHAPTER 9	
Conclusion: Variation and change in SSE	139
9.1 Summary of central findings	139
9.2 The SSE-SSBE continuum – fact or fiction?	143
References	149
APPENDICES	
A. Fieldwork material	163
A.1 Reading passage	163
A.2 Word list	164
A.3 Questionnaire	165
B. Sample transcript	166
C. Token numbers	169
C.1 Token numbers of (e) and (o)	169
C.2 Token numbers of (r)	170
D. Independent variables	171
D.1 Technical definitions	171
D.2 Normal values	174
Index	177