## Contents

	Figu	res	x
	Tab	xii xvi xvii	
	Ling		
	Ack		
1	Introduction		1
	1.0	Introduction	1
	1.1	About the Book	2
	1.2	Structure of the Book	3
	1.3	Further Reading	4
2	Variation and Variables		5
	2.0	Introduction	5
	2.1	What is "Variation"?	5
	2.2	Variables	9
	2.3	The Variable Context	12
	2.4	Conclusion	15
	2.5	Further Reading	15
3	The	16	
	3.0	Introduction	16
	3.1	Variable Rules	17
	3.2	Modeling Relations Between Variants	18
	3.3	Calculating Frequencies	21
	3.4	Testing Hypotheses	23
	3.5	Examining Distributions	26
	3.6	Testing for Statistical Significance	27
	3.7	Conclusion	29
	3.8	Further Reading	30

## viii Contents

Multivariate Analysis with GoldVarb

	4.0	T 1	24
	4.0	Introduction	31
		Token Files	32
		Calculating Frequencies	35
		Multivariate Analysis	37
		Identifying and Overcoming Interaction	41
		Conclusion	43
	4.6	Further Reading	44
5	Vari	45	
	5.0	Introduction	45
	5.1	Types of Phonic Variable	46
	5.2	Conditioning of Phonic Variation	53
	5.3	Conclusion	62
	5.4	Further Reading	64
6	Vari	65	
	6.0	Introduction	65
	6.1	Types of Grammatical Variable	66
	6.2	Conditioning of Grammatical Variation	77
	6.3	Conclusion	91
	6.4	Further Reading	92
7	Lang	93	
	7.0	Introduction	93
	7.1	Variation and Change	94
		Apparent Time and Real Time	95
		Testing Models of Language Change	97
	7.4	Conclusion	111
	7.5	Further Reading	112
8	Lang	114	
	8.0	Introduction	114
	8.1	Second Language Acquisition	116
		Convergence	118
		Pidgins and Creoles	122
	8.4	Conclusion	128
	8.5	Further Reading	130

31

			Contents ix
9	Conclusion		131
	9.0	Introduction	131
	9.1	Variation and Linguistic Theory	131
	9.2	Conclusion	141
	9.3	Further Reading	141
	Not	es	142
	Refe	erences	144
	Inde	ex	153