

Table of Contents

List of Figures	xiii
List of Tables	xv
Chapter 1 : Introduction	1
1.1 Final /s/ Reduction in Spanish	1
1.2 Conditioning Factors	4
1.3 Sound Changes	8
1.4 Lexical Diffusion	9
1.5 Rule-Based Models of Phonology	10
1.6 Usage-Based Model and Exemplar Theory	11
1.7 Change in Progress versus Stable Variation	17
1.8 Overview of Study	18
Chapter 2 : Data and Methodology	20
2.1 Data	20
2.1.1 Colombian Data	22
2.1.2 New Mexican Data	24
2.1.3 Venezuelan Data	27
2.1.4 Puerto Rican Data	30
2.2 Variationist Methodology	31
2.2.1 Research Paradigms	32
2.2.2 Vernacular	34
2.2.3 Principle of Accountability	36
2.2.4 Envelope of Variation	37

2.2.5 Constraints	38
2.3 Procedures	41
2.3.1 Coding the Dependent Variable	41
2.3.1.1 Inter-Rater Reliability Checks	44
2.3.1.2 Intra-Rater Reliability Checks	45
2.3.2 Coding the Phonetic Factors	46
2.3.2.1 Following Segment	46
2.3.2.2 Previous Segment	48
2.3.2.3 Position of Stress	49
2.3.2.4 Realization of Previous Final /s/	50
2.3.3 Coding the Usage-Based Factors	52
2.3.3.1 Token frequency	52
2.3.3.2 String Frequency of Two-Word Combinations	54
2.3.3.3 Frequency in a Favorable Context (FFC)	55
2.3.4 Factors not Included in this Study	62
2.3.4.1 Morphological Function of Word-Final /s/	62
2.3.4.2 Word length	66
2.4 Hypotheses	68
Chapter 3 : Syllable- and Word-Final /s/ Reduction in Cali, Colombia	70
3.1 Word-Internal Position	70
3.1.1 Following Segment	71
3.1.2 Token Frequency	73
3.1.3 Realization of Previous Final /s/	79

3.1.4 Summary	79
3.2 Word-Final Position	80
3.2.1 Following Segment	81
3.2.2 Realization of Previous Final /s/	84
3.2.3 Word-Final Plural /s/ Within the Same NP	84
3.2.4 Previous Segment	85
3.2.5 Position of Stress	85
3.2.6 Token Frequency	86
3.2.7 String Frequency of Two-Word Strings	90
3.2.7.1 Word-Final /s/ before Voiced Consonants	90
3.2.7.2 Word-Final /s/ before Stressed Vowels	92
3.2.8 Frequency in a Favorable Context (FFC) for Reduction	93
3.2.9 FFC of Plural /s/ and First Person Plural Verbal /s/ Morphemes	96
3.2.10 FFC versus Token frequency	99
3.3 Summary	101
Chapter 4 : Syllable- and Word-Final /s/ Reduction in Northern New Mexico and Southern Colorado	103
4.1 Word-Internal Position	103
4.1.1 Following Segment	104
4.1.2 Realization of Previous Final /s/	106
4.1.3 Token Frequency	107
4.1.4 Previous Segment	109
4.1.5 Summary	110

4.2 Word-Final Position	110
4.2.1 Following Segment	111
4.2.2 Previous Segment	112
4.2.3 Realization of Previous Final /s/	112
4.2.4 Position of Stress	112
4.2.5 Hierarchy of Significant Factor Groups	113
4.2.6 Token Frequency	113
4.2.7 String Frequency of Two-Word Strings	116
4.2.7.1 Word-Final /s/ before Voiced Consonants	116
4.2.7.2 Word-Final /s/ before Stressed Vowels	116
4.2.8 Frequency in a Favorable Context (FFC) for Reduction	118
4.2.9 FFC of Plural /s/ and First Person Plural Verbal /s/ Morphemes	120
4.2.10 FFC versus Token Frequency	122
4.3 Summary	123
Chapter 5 : Syllable- and Word-Final /s/ Reduction in Mérida, Venezuela	125
5.1 Word-Internal Position	125
5.1.1 Following Segment	126
5.1.2 Previous Segment	127
5.1.3 Token Frequency	127
5.1.4 Realization of Previous Final /s/	130
5.1.5 Summary	131
5.2 Word-Final Position	131
5.2.1 Following Segment	132

5.2.2 Previous Segment	134
5.2.3 Position of Stress	134
5.2.4 Realization of Previous Final /s/	135
5.2.5 Token Frequency	135
5.2.6 String Frequency of Two-Word Strings	138
5.2.6.1 Word-Final /s/ before Voiced Consonants	138
5.2.6.2 Word-Final /s/ before Stressed Vowels	138
5.2.7 Frequency in a Favorable Context (FFC) for Maintenance	139
5.2.8 FFC of Plural /s/ and First Person Plural Verbal /s/ Morphemes	141
5.2.9 FFC versus Token Frequency	142
5.3 Summary	144
Chapter 6 : Syllable- and Word-Final /s/ Reduction in San Juan, Puerto Rico	146
6.1 Word-Internal Position	146
6.1.1 Realization of Previous Final /s/	147
6.1.2 Following Segment	148
6.1.3 Previous Segment	148
6.1.4 Token Frequency	149
6.2 Word-Final Position	151
6.2.1 Following Segment	151
6.2.2 Realization of Previous Final /s/	153
6.2.3 Position of Stress	153
6.2.4 Token Frequency	154
6.2.5 String Frequency of Two-Word Strings	157

6.2.5.1 Word-Final /s/ before Voiced Consonants	157
6.2.5.2 Word-Final /s/ before Stressed Vowels	157
6.2.6 Frequency in a Favorable Context (FFC) for Maintenance	158
6.2.7 FFC of Plural /s/ and First Person Plural Verbal /s/ Morphemes	161
6.2.8 FFC versus Token Frequency	162
6.3 Summary	163
Chapter 7 : Discussion and Conclusions	165
7.1 Phonetic Factors	165
7.1.1 Following Segment	165
7.1.2 Previous Segment	170
7.1.3 Realization of Previous Final /s/	171
7.1.4 Position of Stress	172
7.1.5 Word Position	174
7.2 Usage-Based Factors	180
7.2.1 Token Frequency	181
7.2.2 String Frequency of Two-Word Combinations	189
7.2.2.1 Word-Final /s/ before Voiced Consonants	189
7.2.2.2 Word-Final /s/ before Stressed Vowels	191
7.2.3 Frequency in a Favorable Context (FFC)	197
7.2.4 FFC versus Token Frequency	205
7.2.5 Lexical Exceptions	205
7.2.6 Overall Rate of Reduction of Final /s/	207
7.3 Summary and Conclusions	210

References	214
List of Appendices	225