CAMBRIDGE

Cambridge University Press
978-1-107-17595-2 — Sociophonetics
Tyler Kendall , Valerie Fridland
Index
More Information

Index

/æ/ Variation, 44
  Perception of, 154

Accent, 73
Acoustic Landmark Detection, 195
Acoustic Phonetics, 14–16
  Amplitude, 16
  Frequency, 16
  Phase, 16
Actuation Problem, 157, 159, 166
African American Language (AAL), 111
Age-grading, 115
Annotation, 41–42
Apparent Time, 115
Archives, 187
Arthur the Rat, 22
Articulation, 14, 44
Artificial Intelligence, 181
Atlas of North American English (ANAE), 28, 46, 78–79, 82, 179
  Benchmarks, 180
  Telsur, 28
Attention to Speech, 134–135
Audience Design, 135–136
Audition, 13, 33
Authenticity, 112
Automatic Speech Recognition, 180, 199
Automatic Vowel Measurement, 196–197

Back Vowel Fronting, 85–87, 118–119, 123, 172–173, 179
Bayesian Models, 206
Belfast, 104, 108, 138
Belten High, 142
Britain, David, 81, 93

Categorical Perception, 37
Chain Shift · *See* Vowel Shifts
Change across the Lifespan, 116
Change from Above, 167
Change from Below, 167
Change in Progress, 167
Child-directed Speech (CDS), 115
Clear Speech, 130
Clustering, 205
Cognitive Linguistics, 171
Communication Accommodation Theory, 135
Communities of Practice, 100, 142
Comparative Analysis, 157
Computational Linguistics/ Sociolinguistics, 178–179
Constraints Problem, 166–167
Constructivism, 109, 127
Conversation Analysis, 145
Corpora, 186–187
  Buckeye Corpus, 186
  Corpus of Regional African American Language (CORAAL), xvi, 129
  European Language Resources Association (ELRA), 186
  Linguistic Data Consortium (LDC), 186
  Origins of New Zealand English (ONZE) corpus, 198
  Philadephia Neighborhood Corpus (PNC), 198
  SCOTUS Corpus, 197
  Switchboard Corpus, 186
Corpus Linguistics, 41, 186–188
Corpus-based Phonetics, 178, 186
Covert Prestige, 108
Crossover Pattern, 102, 107
Crowd-sourcing, 38

© in this web service Cambridge University Press www.cambridge.org

CAMBRIDGE

Cambridge University Press
978-1-107-17595-2 — Sociophonetics
Tyler Kendall , Valerie Fridland
Index
More Information

DARLA, 201
Data Collection, 20–21, 186
Deficit-Difference Debate, 111
Diachrony, 4, 115, 156
Dialect Contact, 94
Dialect Exposure, Influence of, 90
Dialect Leveling, 94
Dialectometry, 92
Dialects, 73
Dictionary of American Regional English (DARE), 22, 77
Digital Archives, 77
Digital Signal Processing, 181

Eckert, Penelope, 21, 126, 142–144
Elicitation Methods, 21
Embedding Problem, 166
Enregisterment, 141, 175
Ethnolects, 97, 110
  Perception of, 121–122
Euclidian Distance (ED), 56, 84–85
Evaluation Problem, 166
Evolutionary Phonology, 162
Exemplar Theories, 11, 131, 154, 162, 174–175
Experimental Historical Phonology, 162
Experimental Linguistics, 41

Fieldwork, 21
Filtering, Low and/or High Pass, 59–60
Folk Linguistics, 88
Forced Alignment Systems, 191–193, 197
Forensic Phonetics, 184
Formants, 18
  First Formant (F1), 18, 27
  Second Formant (F2), 18, 28
  Third Formant (F3), 28
Foulkes, Paul, 5
Fourier Transform, 17, 23
Frequency Based Variation, 120
Fundamental Frequency (F0), 28

Gender Based Variation, 52–54, 69, 99, 147, 168
Gold Standard, 185, 203
Graph Theory, 105
Grapheme-to-Phoneme Conversion, 192
Grimm's Law, 157–158

Hamming Window, 62
Hierarchical Clustering, 205
Homophily · *See* Social Networks
Hyper- and Hypo-speech (H&H) Theory, 161
Hypercorrection, 102

Idiolect, 130
Impressionistic Analysis, 12
Indexical Field, 139
Inherent Variability, 128
Instrumental Techniques, 13
International Phonetic Alphabet (IPA), xv, 2
Intonation, 18

Koineization, 94

Labov, William, 6–8, 26, 34, 79, 101–102, 134, 165–166, 168–169
Language Development, 113–115
Language Regard, 35, 88
Language Varieties, 73
Lexical Diffusion, 158
Lindblom, Bjorn, 161
Linear Predictive Coding (LPC), 28, 44, 47, 51, 185
Linguistic Atlases, 75
Linguistic Variable, 6
Low Back Vowel Merger, 85

Machine Learning, 181, 202–204
  Classification, 203
  Supervised Learning, 203
  Unsupervised Learning, 203
Margin of Security, 84, 160
Martha's Vineyard, 7, 79, 107, 138, 165
Matched Guise, 36
Mel-Frequency Cepstral Coefficients (MFCCs), 180
Milroy, Lesley, 21, 104, 108

Natural Language Processing, 180
Near-Square Merger, 123
Neogrammarian, 74, 157–158
Neural Networks, 205
New York City, 12, 21, 34, 79, 101, 103, 107, 165
Normalization, 179
Norwich, 25, 34, 79, 103, 107

© in this web service Cambridge University Press www.cambridge.org

CAMBRIDGE

Cambridge University Press
978-1-107-17595-2 — Sociophonetics
Tyler Kendall , Valerie Fridland
Index
More Information

Objectivity, 26
Ohala, John, 123, 161, 172–173
Open Science, 189
Orderly Heterogeneity, 3, 166
Overt Prestige, 107

Perceptual Dialectology, 35, 88
Personae, 34, 122, 140, 154
Phonetic Convergence, 137
Phonetic Distributions, 128–129, 141–142
Pillai, 56
Praat, xvi, 44, 63, 182
Preston, Dennis, 35, 88
Principal Component Analysis (PCA), 205
Principles of Linguistic Change, 168
Prosody, 18
Psychophysical Transforms, 70

/r/ Variation, 21, 34, 103, 107, 183–184, 189
R Language and Programming Environment, xvii, 51, 55, 65
Rainbow Passage, 22
Received Pronunciation, 167
Regional Attitudes, 88
Regional Identification, 89
Repertoires, 128
  Ethnolinguistic, 112
Replicability, 189
Rhythm, 19

/s/ Variation, 60, 147–149
  Perception of, 149–151
Sampling Rates, 60
  Aliasing, 59
  Nyquist Frequency, 59
Scottish Vowel Lengthening Rule (SVLR), 119
Scripting, 182
Sibilants
  Center of Gravity (COG), 31, 63
  Front Slope, 32
  Locus Equations, 64
  Long-term Average Spectrum (LTAS), 30–31
  Slope Parameters, 65
  Spectral Kurtosis, 64
  Spectral Moments, 63–64, 204
  Spectral Peak, 31, 64
  Spectral Skew, 64
  Spectral Variance, 64
  Voicing, 58–59
Social Class, 100–101, 167
  Socioeconomic Index, 102
Social Networks, 103–105, 138
Sociolects, 73, 97
Sociolinguistic Archive and Analysis Project (SLAAP), 181
Sociolinguistic Interviews, 134–135
Sociolinguistic Style, 128, 132
Sociometric Measures · *See* Social Networks
Spatial Autocorrelation Methods, 92
Speaker Design, 136
Spectral Overlap Assessment Metric (SOAM), 56
Spectrogram, 15, 17, 44, 60
Speech Accommodation Theory · *See* Communication Accommodation Theory
Speech across Dialects of English (SPADE) Project, 182, 186
Speech Community, 80, 97, 100
Speech Reduction, 131
Speech Synthesis, 37
Speech-to-Text, 191, 201
Stance, 144–145, 175
Statistical Techniques, xiv
Stratification, 100, 102, 138
Structuralism, 127
Stuart-Smith, Jane, 32, 69, 119
Subjectivity, 26
Support Vector Machines (SVM), 189–190, 204–205
Suprasegmental Features, 18
Synchrony, 4, 115, 157

Talker Familiarity, 130
Tempo, 18
Thomas, Erik, 77
Tokens, 17, 41–43
Tone, 19
Topic Modeling, 206
Training Data, 200
Transition Problem, 166
Trudgill, Peter, 25–26, 34, 79, 103, 170
Turing, Alan, 202–203
  Turing Test, 203

© in this web service Cambridge University Press www.cambridge.org

CAMBRIDGE

Cambridge University Press
978-1-107-17595-2 — Sociophonetics
Tyler Kendall , Valerie Fridland
Index
More Information

Uniformitarian Principle, 169–170
Urban Dialectology, 79

Variable (ING), 133, 152–153
Variationist Sociolinguistics, 7
Voice Onset Time (VOT), 6
Voice Quality, 18
Vowel Categorization, Regional, 91–92
Vowel Inherent Spectral Change · *See* Vowels: Dynamic Properties
Vowel Shifts, 84–85
  Californian Vowel Shift (CVS) · *See* Low Back Merger Shift
  Canadian Vowel Shift (CVS) · *See* Low Back Merger Shift
  Low Back Merger Shift (LBMS), 84, 144, 153, 174
  Northern Cities Shift (NCS), 84, 112, 143
  Southern Vowel Shift (SVS), 83–84
Vowels · *See also* Formants
  Duration, 28
  Dynamic Properties, 46, 86
  Nucleus, 45
  Point-of-Inflection, 46
Vowels in America Project, xvi

Wave Model of Change, 76
Weinreich, Labov and Herzog (1968), xii, 166–167

© in this web service Cambridge University Press www.cambridge.org