

Cambridge University Press

978-0-521-19292-7 - Automated Evaluation of Text and Discourse with Coh-Metrix

Danielle S. McNamara, Arthur C. Graesser, Philip M. McCarthy and Zhiqiang Cai

Index

[More information](#)

Index

- Abelson, R. 52
 Adams, M. 72
 additive cohesion 46, 51
 adverbs 16, 43, 45, 50, 54, 63, 65, 72
 Afflerbach, P. 4
 age-of-acquisition norms 42, 74
 Albrecht, J. 63
 Allen, D. 80, 81, 104
 Allen, J. 48, 81
 anaphors 34, 51
 animated agent 105
 annotation 52, 57
 ANOVA 188
 AntConc 171
 APA 226
 applied natural language processing 169, 170, 171, 174
 argument overlap 26, 28, 29, 35, 36, 50, 63, 65, 98, 101
 arguments 26, 49, 50, 65, 111, 201
 artificial intelligence 3, 52, 173
 aspect 15, 20, 46, 47, 49, 56, 69, 86, 103, 109, 128, 150, 170, 213
 audience 14, 17, 115, 117, 119, 126, 131, 142, 177, 180, 191, 194, 202, 203, 214, 221
 AutoTutor 53, 105

 Baayen, R. 40, 42, 73
 Barrett, K. 176
 Battig, W. 42, 74, 75, 92
 Beck, I. 17, 23, 24, 72, 73, 97
 Beckwith, R. 2, 40, 68
 Bell, C. 87, 165
 Bellissens, C. 83, 99, 141
 Best, R. 33, 35, 87, 88, 130, 199, 203, 207, 210, 212
 Betjemann, R. 79
 Biber, D. 4, 14, 57, 82, 87, 100, 190, 203

 Biemiller, A. 36
 Bigham, S. 172
 Billington, L. 111
 Boonthum-Denecke, C. 4, 9, 34, 53, 170
 Booth, R. 73, 169, 171
 Bormuth, J. 80
 Briner, S. 11, 33, 35, 57, 87, 192, 209, 212
 Britain 160
 British National Corpus 150
 Britton, B. 24, 25, 26, 27, 46
 Brooks, C. 11
 Brown Corpus 149, 150, 151
 Brun, C. 84
 Bruner, J. 87, 100
 Bruss, M. 130, 198, 199
 Bulgaria 160, 161

 Cain, K. 57, 67
 Canada 161
 Carpenter, P. 14, 43, 48, 72, 73
 Carrell, P. 19
 Cataldo, M. 97
 causal verbs 68, 69, 82, 99, 207
 causal/intentional cohesion 46, 51, 99, 105, 149
 causality 16, 54, 55, 68
 CELEX Lexical Database 40, 42, 73
 Charniak, E. 2, 4, 41, 45, 46, 48, 61, 62, 164
 children 23, 24, 28, 30, 31, 36, 38, 42, 72, 74, 91, 110
 Chipman, P. 105
 Chissom, B. 78
 Chomsky, N. 46
 Chung, C. 169
 Clark, H. 8, 22, 54, 72, 87, 119, 123, 124, 220
 Clark, L. 100
 Clark, M. 34
 clauses 15, 20, 22, 34, 45, 49, 50, 55, 58, 61, 63, 67, 69, 97, 215, 226

Cambridge University Press

978-0-521-19292-7 - Automated Evaluation of Text and Discourse with Coh-Metrix

Danielle S. McNamara, Arthur C. Graesser, Philip M. McCarthy and Zhiqiang Cai

Index

[More information](#)

272

Index

- cloze task 13, 79
- cognitive resources 10, 46, 119, 140, 179, 192, 196
- Cohen, J. 29, 30, 31, 98, 184
- coherence 1, 11, 16, 18, 19, 20, 21, 23, 25, 26, 34, 41, 45, 46, 53, 54, 85, 96, 102, 103, 107, 108, 110, 111, 112, 129, 131, 133, 134, 139, 164, 206, 223, 224
- cohesion 1, 2, 11, 16, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 41, 45, 46, 49, 50, 51, 53, 54, 55, 56, 60, 61, 63, 66, 67, 68, 69, 70, 80, 81, 82, 85, 86, 88, 89, 90, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 123, 124, 131, 133, 134, 136, 137, 138, 141, 149, 152, 153, 154, 157, 164, 165, 167, 168, 172, 177, 178, 179, 192, 197, 200, 201, 203, 219, 220, 221, 223, 224, 225
- Coh-Metrix L2 Readability score 78, 80, 81
- Colorado Meaningfulness norms 42
- Coltheart, M. 2, 40, 42, 74
- Common Core State Standards 77, 91, 92, 93, 224
- comprehension 3, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19, 22, 24, 25, 26, 27, 29, 31, 33, 35, 36, 38, 43, 45, 46, 52, 57, 60, 63, 72, 78, 79, 81, 82, 83, 84, 86, 87, 88, 93, 94, 96, 97, 99, 100, 103, 104, 105, 108, 110, 111, 112, 123, 124, 130, 141, 142, 171, 191, 198, 199, 207, 210, 220, 221
- computational linguistics 2, 3, 4, 40, 48, 51, 164, 225
- concepts 11, 19, 22, 24, 27, 28, 35, 36, 43, 63, 75, 85, 88, 89, 92, 94, 100, 101, 142, 150
- concordancers 169, 171, 172
- connectives 16, 20, 23, 25, 27, 28, 35, 36, 37, 45, 49, 50, 51, 54, 55, 67, 68, 69, 82, 85, 97, 99, 103, 104, 105, 108, 109, 203
- Connor, C. 10, 83
- Conrad, F. 10
- Conrad, S. 4
- Construction-Integration model 22, 31, 32, 33, 196, 197
- content word overlap 50, 65
- content words 40, 44, 45, 50, 63, 64, 65, 67, 68, 72, 73, 74, 75, 85, 138
- context 17, 43, 171
- coreference 50, 59, 63, 64, 165, 178, 182, 185
- corpus 2, 3, 4, 40, 41, 42, 43, 48, 49, 53, 54, 70, 73, 75, 76, 80, 84, 86, 87, 88, 98, 101, 107, 112, 116, 117, 121, 123, 125, 126, 137, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 162, 163, 166, 167, 168, 176, 177, 178, 179, 182, 192, 197, 198, 200, 208, 209, 219, 221, 225
- corpus analysis 3, 42, 137, 152, 225
- corpus linguistics 3, 4, 40, 116, 150
- Crismore, A. 67
- Crossley, S. 2, 9, 72, 80, 81, 104, 105, 107, 108, 109, 110, 111, 112, 131, 134, 141, 143, 157, 164, 165, 172, 173, 189, 190, 197, 198, 203, 204, 207, 208, 209, 210, 211, 213, 217
- Curry, L. 106
- Czech Republic 160, 161
- Daniel, F. 10, 48
- Day, R. 10
- deception 106, 107, 134, 171, 181, 217
- decoding skill 38
- deep cohesion 85, 88, 94
- Defense Advanced Research Projects Agency 49
- Degrees of Reading Power 13, 14, 76, 77, 79, 86, 88, 102
- Dell, G. 22
- Dempsey, K. 31, 33, 35, 101, 165
- Dennis, S. 2, 4, 41, 52, 164
- dialogue 2, 9, 105, 106
- discourse community 118, 119, 140, 165
- discourse markers 46, 50, 51
- discourse processes 1, 3, 4, 40, 53
- discriminant function analysis 99, 103, 107, 189, 190
- Doiuchi, M. 217
- Donaldson, M. 34
- Dowell, N. 9
- Dufty, D. 2, 9, 53, 54, 66, 80, 81, 82, 101, 105, 165, 189
- Dumais, S. 2, 52
- Duncan, B. 139, 217
- Duran, N. 56, 83, 99, 103, 106, 131, 134, 141, 157, 158, 164, 165, 171, 189, 217
- Dutch Centre for Lexical Information 42, 73
- education 3, 10, 14
- effect size 30, 98, 99, 184
- Ehrmann, M. 84
- Emmott, C. 4, 11
- Espin, C. 83
- essays 9, 53, 108, 109, 110, 111, 112, 121, 131, 138, 149, 155, 157, 166, 178, 179, 185, 186, 189, 198, 201, 224
- event-indexing model 55
- events 11, 16, 23, 24, 32, 37, 44, 52, 54, 56, 68, 69, 85, 86, 88, 89, 91, 95, 99, 100, 102, 103, 104, 106, 186, 221, 225
- Excel 180

Cambridge University Press

978-0-521-19292-7 - Automated Evaluation of Text and Discourse with Coh-Metrix

Danielle S. McNamara, Arthur C. Graesser, Philip M. McCarthy and Zhiqiang Cai

Index

[More information](#)

Index

273

- expository text 11, 12, 13, 14, 16, 36, 46, 52, 57, 58,
 68, 83, 86, 87, 88, 89, 93, 94, 101, 111, 136, 151,
 152, 173
 eye movements 48

 family resemblance 12
 feedback 105, 107, 108, 224
 Fellbaum, C. 2, 40, 43, 55, 56, 68, 74
 figurative language 44
 Fishburne, R. 78
 Fishman, B. 10, 83
 Fisher, R. 184
 Flesch-Kincaid Grade Level 13, 24, 29, 77, 78, 80,
 81, 82, 97, 101, 164
 Floyd, R. 36, 88
 Foorman, B. 43
 Francis, M. 73, 82, 169, 171
 Freedman, A. 110
 frozen expressions 118, 119, 127, 132, 139, 143, 176,
 183, 187, 190, 193, 194, 195, 198, 201, 202, 204,
 205, 206, 207, 213
 Fujiwara, Y. 189, 217
 function words 45, 73

 garden-path sentences 34
 Garnham, A. 34
 Garrod, S. 4
 genre 4, 11, 12, 14, 17, 36, 38, 41, 49, 54, 57, 58, 60, 61,
 76, 81, 82, 84, 87, 88, 89, 97, 100, 101, 102, 103, 111,
 118, 130, 131, 134, 146, 165, 173, 199, 210, 216
 Grensbacher, M. 4, 22, 43
 Gildea, D. 49, 149
 Gilhooly, K. 42, 74
 given/new information 54, 66, 98
 Givon, T. 19, 22
 global cohesion 28, 29, 63, 85, 98, 99
 Goldman, S. 4
 Gonzales, A. 169
 Goorha, S. 106
 grade level 13, 14, 29, 61, 76, 79, 80, 81, 82, 83, 86,
 88, 89, 91, 93, 94, 95, 101, 102, 108, 109, 159
 Graesser, A. 2, 3, 4, 8, 9, 10, 11, 13, 14, 17, 19, 23,
 26, 41, 43, 46, 48, 52, 53, 55, 56, 57, 60, 68, 70, 73,
 79, 81, 83, 84, 85, 86, 87, 89, 97, 100, 102,
 103, 105, 109, 123, 124, 134, 142, 164, 165, 172,
 192, 197, 220
 Gramulator 172, 176, 217
 Gray, C. 176
 Greenfield, J. 72, 80
 Grishman, R. 48
 Gross, D. 2, 40, 68
 Guess, R. 70

 Gulgoz, S. 24, 25, 26, 27, 46
 Gulikers, L. 40, 42, 73

 Haberlandt, K. 13, 14, 43, 46, 73, 83, 87, 100
 Hall, C. 106, 107, 134, 139, 163, 189, 209, 210, 211,
 213, 217
 Halleran, J. 63
 Halliday, M. 22, 46, 50, 51, 63, 67
 Hamilton, R. 17
 Hancock, J. 106
 Harris, R. 36
 Hasan, R. 22, 46, 50, 51, 63, 67
 Haviland, S. 22, 54
 Haynes, B. 105
 Healy, S. 209, 211
 hedges 151, 186
 Hempelmann, C. 48, 66
 Hemphill, D. 55
 Herskovits, A. 56
 hierarchical linear model 180
 Hoffman, N. 100
 Hu, X. 54, 192
 human ratings 40, 42, 57, 103, 109
 Huot, B. 111
 hypernymy 44, 74, 76, 201

 imagery 40, 42, 75
 individual differences 9, 10, 13, 16, 18, 23, 27, 30,
 79, 97, 107
 inference 7, 15, 16, 20, 21, 24, 25, 30, 31, 32, 33, 34,
 35, 36, 38, 39, 48, 49, 52, 54, 69, 88, 89, 91, 93,
 119, 140
 instant-messages 106
 Institute for Education Sciences 1
 Intelligent Essay Assessor 53
 intentional verbs 68
 intentionality 16, 54, 55, 68
 Internet 97, 152, 223
 Ireland, M. 169
 iSTART 53, 197, 200

 Jacquet, G. 84
 Jarvis, S. 51, 67, 110, 134, 138, 164, 172
 Jeon, M. 2, 53, 105
 Joannis, M. 4
 Johnson-Laird, P. 34
 Jurafsky, D. 4, 48, 51, 164
 Just, M. 14, 43, 48, 72, 73
 Justice, L. 82

 Kallet, 145
 Kalyuga, S. 119

Cambridge University Press

978-0-521-19292-7 - Automated Evaluation of Text and Discourse with Coh-Metrix

Danielle S. McNamara, Arthur C. Graesser, Philip M. McCarthy and Zhiqiang Cai

Index

[More information](#)

274

Index

- Kamil, M. 4, 79
 Keenan, J. 22, 79
 Keil, F. 55
 Kendeou, P. 52, 83, 106
 Kieras, D. 58
 Kincaid, J. 78, 80, 82
 King, M. 110
 Kingsbury, P. 49
 Kinnear, P. 176
 Kintsch, E. 28, 43
 Kintsch, W. 2, 4, 14, 15, 16, 19, 22, 23, 24, 25, 27, 28,
 31, 33, 41, 43, 46, 48, 49, 50, 52, 60, 63, 65, 68, 79,
 84, 97, 101, 123, 124, 164, 206, 220
 Kireyev, K. 43
 Klare, G. 13, 78, 164
 Klein, W. 103
 Klettke, B. 87
 Koslin, B. 13, 76, 79, 86
 Koslin, S. 13, 79, 86
 Kozminsky, E. 22
 Kucan, L. 17, 72
 Kulikowich, J. 4, 8, 57, 84, 102, 103
- Lamkin, T. 170, 171, 172, 176, 190
 Landauer, T. 2, 4, 41, 43, 52, 53, 66, 164
 Landi, N. 70
 Lappin, S. 51
 Latent Semantic Analysis 2, 35, 36, 41, 52, 53, 54,
 66, 69, 82, 98, 99, 100, 101, 105, 106, 109, 164,
 172, 173, 192, 225
 Leahey, T. 35
 Leass, H. 51
 Lee, D. 107
 Leech, N. 176
 Lehenbauer, B. 189, 198
 Lehnert, W. 52
 lemmas 50, 63, 65
 Lenat, D. 52
 Leon, J. 68
 Levinstein, I. 34, 53
 Lewis, G. 107, 164, 189, 190
 lexical diversity 51, 61, 67, 104, 107, 109, 110, 123,
 125, 134, 138, 164, 172, 201, 219
 lexical networks 43
 lexicon 2, 40, 41, 42, 44, 46
 Lexile 4, 13, 14, 79
 Liben, D. 86
 Liben, M. 86
 Lightman, E. 2, 9, 101, 102, 136, 138, 157, 165, 209, 211
 Linderholm, T. 97
 linear regression 189
- Linguistic Inquiry and Word Count 169, 170,
 171, 174
 local cohesion 63
 logical connectives 36
 logical operators 46, 51, 105
 Logie, R. 42, 74
 logistic regression 179, 190
 Long, D. 34, 104
 Longo, B. 67
 Lorch, E. 58
 Lorch, R. 22, 58
 Louwerse, M. 2, 4, 8, 9, 10, 14, 19, 23, 26, 46, 48, 51,
 53, 57, 67, 81, 85, 87, 89, 97, 99, 102, 104, 130, 165,
 190, 192, 197, 198, 199, 203
 Loxterman, J. 24, 97
- Madigan, S. 42, 74
 Magliano, J. 34, 52, 55, 79, 84, 192, 210, 212
 Mann, W. 58, 118
 Marcinkiewicz, B. 45
 Marcu, D. 57
 Marcus, M. 45
 Markkanen, R. 67
 Martin, J. 4, 48, 51, 164
 McCarthy, P. 2, 4, 8, 9, 11, 23, 26, 51, 54, 56, 57, 58,
 66, 67, 70, 80, 87, 97, 98, 101, 103, 104, 106, 107,
 108, 130, 131, 134, 138, 139, 142, 148, 157, 164, 165,
 170, 171, 172, 176, 189, 190, 192, 197, 198, 199,
 200, 206, 207, 208, 209, 211, 212, 215, 216, 217
 McClain-Sullivan, S. 109
 McCutchen, D. 110
 McDaniel, M. 23, 43
 McKeown, M. 17, 23, 24, 72
 McKoon, G. 22
 McMaster, K. 83
 McNamara, D. 2, 3, 4, 8, 9, 11, 14, 16, 17, 19, 23, 26,
 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 41, 43,
 46, 48, 52, 53, 56, 57, 60, 63, 68, 69, 70, 72, 79,
 80, 81, 83, 84, 85, 87, 88, 89, 93, 97, 98, 99, 100,
 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111,
 112, 123, 124, 130, 134, 138, 141, 164, 165, 172, 173,
 189, 192, 196, 197, 198, 199, 200, 201, 203, 206,
 207, 209, 210, 211, 212, 215, 216, 217, 220
 McRae, K. 4
 Meadows, B. 111
 Measure of Textual Lexical Diversity 51, 67, 138
 Medin, D. 12
 Meichenbaum, D. 36
 memory 13, 19, 22, 23, 31, 32, 46, 48, 106, 215
 mental models 105, 142
 mental representation 19

- Mervis, C. 12
 Meyer, B. 16, 57
 Miller, G. 2, 24, 25, 40, 55, 68, 74, 75
 Miller, K. 2, 40, 43, 68
 Millis, K. 4, 14, 34, 46, 53, 192
 Min, H. 139
 Minimal Edit Distance 70
 MLA 226
 Moje, E. 4
 Moldovan, C. 9
 MonoConc 171
 monologue 106
 Morgan, G. 176
 Morgan, P. 58
 morphemes 46, 56, 69, 103
 Morrison, F. 10, 83
 MRC Psycholinguistic Database 2, 40, 42, 74
 multidimensional scaling 14
 multilevel theoretical framework 3, 4, 11, 14, 41, 46, 52, 84
 Myers, J. 11, 57, 87

 narrative text 11, 12, 13, 14, 16, 23, 36, 37, 38, 44, 46, 52, 55, 57, 68, 69, 81, 82, 83, 85, 87, 88, 89, 92, 94, 100, 101, 102, 103, 104, 146, 152, 157, 158, 173, 178, 185, 186, 195, 204, 210, 225
 narrativity 85, 87, 88, 90, 92, 93, 95
 Nash, H. 67
 natural language processing 45
 Nelson, J. 34, 86, 87
 New York City Subway System 226
 New Zealand 160, 161
 n-grams 57
 nonverbal media 9
 Noordman, L. 22, 46, 50, 51, 67
 noun overlap 27, 50, 61, 63, 64, 65

 O'Brien, E. 22, 63
 O'Reilly, T. 27, 30, 33, 34, 35, 63, 89, 97, 138, 141, 203, 204, 206
 Oakhill, J. 34, 57, 70, 97
 Old Testament 152
 Olde, B. 87
 Olney, A. 105
 Olson, R. 79
 Omanson, R. 23
 Oppy, B. 34
 Ottati, V. 13
 outline 117, 144, 161, 169, 174
 Ozuru, Y. 33, 35, 36, 87, 130, 165, 199, 207, 210, 212

 Page, E. 59
 Paivio, A. 42, 74
 Palmer, M. 49
 Palumbo, A. 88
 paralinguistic dimensions 170
 particles 16, 54, 55, 56, 68, 69, 99, 207
 part-of-speech classifiers 2
 Pearson, P. 4, 188
 Penn Treebank 45
 Pennebaker, J. 4, 45, 73, 169, 170, 171
 Pentimonti, J. 82, 100
 percentile score 84
 Perfetti, C. 4, 43, 70, 72, 73, 86, 110
 personal constructs 170
 persuasive texts 11
 Pesetsky, D. 43
 Petersen, N. 59
 Pickering, M. 4
 Piepenbrock, R. 40, 42, 73
 plot 12, 52, 55, 57, 68, 207
 polysemy 43, 74, 75
 Pople, M. 23
 Portugal 160, 161
 Prince, E. 54
 principal component analysis 57, 84, 99, 102
 Pringle, I. 110
 prior knowledge 2, 13, 16, 18, 20, 21, 24, 25, 26, 27, 30, 31, 36, 38, 41, 43, 49, 52, 53, 54, 58, 73, 83, 85, 88, 89, 90, 91, 92, 93, 95, 97, 105, 123, 124, 130, 164, 199, 220
 pronoun overlap 50
 pronouns 7, 26, 28, 35, 36, 37, 45, 46, 47, 49, 50, 51, 63, 65, 73, 123, 125, 170
 PropBank 49
 propositions 15, 26, 32, 49, 50, 63, 131
 protagonists 16, 54, 55
 prototypes 12, 224
 prox 59
 punctuations 61, 170
 p-value 167, 183, 184, 185, 186, 187, 188, 201

 quantifiers 15, 45, 49

 R 188
 Radvansky, G. 4, 16, 54, 55, 68, 103
 Raine, R. 9
 Rapp, D. 52, 83
 Ratcliff, R. 22
 Rayner, K. 43, 48, 72
 reading skill 10, 27, 34, 39, 90, 92, 97, 130, 199, 216
 reading time 14, 23, 26, 43, 63, 72

Cambridge University Press

978-0-521-19292-7 - Automated Evaluation of Text and Discourse with Coh-Metrix

Danielle S. McNamara, Arthur C. Graesser, Philip M. McCarthy and Zhiqiang Cai

Index

[More information](#)

276

Index

- recall 18, 19, 22, 23, 24, 26, 29, 31, 38, 83, 97, 100, 104, 139, 179, 180, 189, 205
- referential cohesion 16, 22, 27, 29, 37, 49, 50, 61, 63, 69, 70, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 96, 98, 99, 102, 105, 106
- referents 46, 50, 63
- registers 106, 107, 118, 146, 149, 152, 210, 219
- relevance 68, 72, 125, 129, 140, 141, 142, 143, 144, 160, 172
- Renner, A. 9, 215
- Rentel, V. 110
- Reppen, R. 4
- representations 11, 14, 19, 43, 48, 52, 57, 59, 60, 68, 82, 103, 131, 191
- research paper 115, 116, 117, 118, 119, 121, 126, 127, 128, 129, 130, 132, 136, 139, 141, 162, 163, 176, 180, 183, 186, 191, 192, 193, 202, 227
- research question 119, 122, 124, 125, 129, 130, 131, 132, 135, 136, 139, 144, 145, 146, 150, 151, 152, 154, 179, 180, 197, 198, 200, 218
- reverse cohesion effect 27, 31, 32, 33, 34, 35, 38
- rhetorical functions 118
- rhetorical relations 58
- rhetorical structure 4, 14, 16, 17, 41, 57, 58, 60
- rhetorical structure theory 58
- Ringle, M. 52
- Ritchie, B. 34
- Ritchot, K. 34
- Rizzella, M. 63
- Rogers, R. 78
- Romania 160, 161
- Rosch, E. 12
- Roscoe, R. 9, 109, 112, 173, 200
- Ross, S. 104
- Rowe, M. 192, 196, 197
- RSAT Development Team 34
- Rubin, D. 100
- rubric 110, 111, 112
- Rufenacht, R. 171
- Rus, V. 3, 4, 48, 49, 172, 192, 209, 212
- Salsbury, T. 80, 107, 164, 217
- Sanacore, J. 88
- Sanders, T. 22, 46, 50, 51, 67
- Sanford, A. 4, 11
- Santorini, M. 45
- SAS 188
- Schaefer, E. 119
- Schank, R. 52
- Schatschneider, C. 10, 83
- schemas 52, 58, 123, 124, 220
- Schober, M. 10
- science text 2, 4, 8, 11, 12, 35, 36, 37, 38, 52, 54, 55, 57, 59, 61, 65, 69, 76, 81, 84, 86, 87, 88, 89, 91, 99, 100, 101, 102, 103, 104, 118, 132, 133, 157, 158, 164, 170, 171, 186, 198, 202, 204, 205
- scripts 8, 52
- second language 104, 105, 108, 109, 110, 134
- Seely M. 34
- Seidenberg, M. 43
- Sekine, S. 48
- self-explanation 35
- semantic analyzers 2
- semantic features 2, 44, 45
- sentence difficulty 11
- sentence length 13, 14, 15, 61, 62, 76, 78, 79, 164, 172
- setting 12, 16, 44, 52, 57, 87, 118
- Shanahan, T. 79
- signaling devices 16, 54
- simplified texts 81, 104, 157, 203, 204, 207
- Sinatra, G. 24
- Singer, M. 4, 34, 52, 68, 84
- singular value decomposition 53
- situation model 4, 14, 16, 17, 31, 33, 41, 48, 51, 52, 53, 54, 55, 57, 58, 60, 68, 79, 85, 86, 89, 96, 106, 123, 125, 206, 219
- Smith, E. 12
- Snow, C. 36, 43, 52, 60
- Songer, N. 28, 43
- spatiality 56
- Spivey, M. 4
- Spooren, W. 22
- SPSS 176, 188
- Stanovich, K. 43, 72
- statistical algorithms 3, 40, 41, 49, 67, 80, 111, 155, 169, 172, 173, 174, 209, 212, 217, 223, 224
- statistics 2, 3, 41, 52, 53, 54, 79, 86, 115, 116, 125, 153, 155, 156, 158, 159, 166, 167, 169, 174, 176, 177, 179, 180, 181, 182, 183, 185, 187, 188, 189, 190, 201, 209, 210, 211
- Steffensen, M. 67
- stem overlap 50, 61, 63, 65, 98
- Stenner, A. 4, 13, 14, 79
- stereotypes 52
- strategies 14, 36, 57, 108, 203
- Streby, W. 22
- Swales, J. 115, 123, 124, 220
- Sweet, A. 36
- syllables 13, 62, 78

Cambridge University Press

978-0-521-19292-7 - Automated Evaluation of Text and Discourse with Coh-Metrix

Danielle S. McNamara, Arthur C. Graesser, Philip M. McCarthy and Zhiqiang Cai

Index

[More information](#)

Index

277

- syntactic parser 2, 41, 45, 48, 55, 61, 62, 149, 164, 225
 syntactic simplicity 85, 88, 90, 92, 93
 syntax 2, 4, 8, 9, 10, 11, 13, 14, 15, 17, 20, 21, 23, 32, 34, 40, 41, 44, 45, 46, 47, 48, 50, 51, 55, 57, 58, 60, 62, 69, 70, 71, 72, 73, 77, 78, 79, 80, 81, 83, 84, 85, 86, 87, 89, 90, 92, 94, 95, 97, 99, 100, 101, 102, 104, 105, 106, 107, 109, 110, 111, 124, 130, 142, 149, 153, 164, 168, 199, 205, 206, 219, 221, 225
 Tannen, D. 87, 106
 Taylor, R. 83, 99, 141
 Templin, M. 51
 temporal cohesion 37, 46, 51, 56, 69, 86, 103
 temporal connectives 103
 temporality 56, 86, 103
 tense 15, 21, 47, 49, 56, 69, 86, 103, 104, 141, 170, 173, 197, 198
 ter Meulen, A. 103
 testing set 153, 167
 text assignment 9, 10, 12, 161
 text characteristics 13
 text difficulty 4, 7–8, 9–11, 13, 14, 15, 16, 24, 26, 29, 42, 43, 46, 51, 53, 56, 61, 70, 76, 77, 78, 79, 80, 81, 82, 83, 84, 86, 87, 88, 89, 90, 91, 94, 95, 97, 100, 101, 102, 109, 111, 134, 139, 141, 164, 171, 197, 200, 223, 224, 225
 text features 12, 18
 text genres 3, 11, 12, 13, 16
 text length 51, 67, 109, 138, 153
 textbase 4, 14, 15, 17, 31, 33, 35, 38, 41, 48, 49, 50, 51, 52, 53, 58, 60, 63, 79, 102, 206
 The Wall Street Journal corpus 149
 theme 37, 58, 66, 110, 120, 121, 122, 124, 127, 137, 139, 146, 147, 207
 thesis statement 129
 Thompson, S. 58, 118
 Tobin, A. 79
 Todaro, S. 192
 Toglia, M. 42, 74, 75, 92
 Tonjes, M. 100
 topic 23, 28, 35, 37, 58, 94, 100, 107, 120, 122, 126, 148, 173, 195, 206, 215
 topic sentences 28, 58, 206, 215
 Touchstone Applied Science Associates 54, 70, 76, 84, 86, 87, 88, 103, 150
 Trabasso, T. 4, 19, 52, 68, 84
 training set 153, 167
 transitional phrases 16, 50, 54
 trin 59
 t-test 158, 178, 179, 180, 182, 188
 tutoring systems 53, 105, 107, 108, 143, 224
 Tweissi, A. 104
 type-token ratio 51, 67, 138
 Underwood, P. 10, 83
 United States 25, 160
 University of Memphis 1, 164
 van de Kopple, W. 67
 van den Broek, P. 19, 52, 83, 106
 van Dijk, T. 4, 15, 24, 25, 46, 48, 49, 50, 65, 68, 79
 VanLehn, K. 105
 verb cohesion 69, 85, 86, 96, 102, 103
 verb overlap 69, 102
 vocabulary knowledge 10, 15, 72, 74, 78, 79, 89, 95, 138, 201, 219
 vocd 51, 67
 voice 48, 49, 70, 72, 116
 Warren, R. 11
 Watanabi, S. 172, 176
 Weintraub, J. 209, 211
 Weston, J. 109, 158, 217
 Whitney, P. 34
 Wiemer-Hastings, K. 34, 192
 Wijekumar, K. 16, 57
 Wikipedia 43, 133
 Williams, P. 57
 Winograd, T. 46
 Witherspoon, A. 87
 Wittgenstein, L. 12
 Wolpow, R. 100
 Woodworth, M. 106
 word age of acquisition 42
 word concreteness 40, 42, 44, 74, 75, 85, 86, 88, 89, 90, 92, 93, 94, 99, 100, 102
 word familiarity 23, 40, 42, 63, 72, 74, 75, 85, 93, 97, 102, 109
 word frequency 42, 43, 44, 61, 62, 73, 76, 80, 89, 97, 99, 104, 109, 110, 172, 201
 word imagability 42, 74, 75
 word length 13, 15, 43, 61, 62, 78, 164
 Word Maturity index 43
 word meaningfulness 40, 42, 75, 106, 109
 word overlap 63, 65, 80, 109
 word types 45, 67, 72
 WordNet 2, 40, 43, 44, 45, 53, 55, 56, 68, 69, 74, 75, 76, 225
 working memory 48, 70, 79, 107

Cambridge University Press

978-0-521-19292-7 - Automated Evaluation of Text and Discourse with Coh-Metrix

Danielle S. McNamara, Arthur C. Graesser, Philip M. McCarthy and Zhiqiang Cai

Index

[More information](#)

278

Index

- writing 3, 7, 12, 14, 15, 24, 26, 48, 57, 58, 60, 70, 96,
101, 107, 108, 109, 110, 111, 115, 116, 117, 119, 121,
123, 124, 125, 126, 128, 130, 131, 132, 137, 138, 139,
140, 142, 143, 148, 152, 153, 157, 159, 160, 162, 164,
176, 178, 179, 181, 185, 186, 190, 197, 200, 201,
204, 205, 209, 217, 219, 220, 224, 227
Writing Pal 107, 111, 224
writing quality 9, 109, 111, 139, 224
- Yang, Y. 2, 105
Yano, Y. 104
- Yuill, N. 34
Yuille, J. 42, 74
- Zeno, S. 13, 79, 86
Zhiqiang, C. 2, 4, 8, 10, 48, 53, 99,
105, 192
Zintz, M. 100
Zipf, G. 43, 78
z-score 84
Zucker, T. 82
Zwaan, R. 4, 14, 16, 54, 55, 57, 68, 103