Cambridge University Press 978-1-107-03471-6 — The Practice of Argumentation David Zarefsky Index <u>More Information</u>

Index

a fortiori arguments, 204-205 abduction. See retrospective hypotheses accessibility, evaluation of evidence and, 96 accuracy, evaluation of evidence and, 98 acknowledging the argument, 190 ad baculum, 150, 160 ad hominem, 138, 148–149 abusive, 142-148 ad personam as, 138, 148 bias, 148 circumstantial, 148–149 ad ignorantiam, 151 ad misericordiam, 150-151 ad personam, 138, 148 ad populum, 150 ad verecundiam, 149-150 adequacy, evaluation of evidence and, 98 affirmative cases, 161 affirming the consequent, 142 scientific argumentation and, 244 agreeing to disagree, 9, 57, 236-237 agreement evidence and, 84 personal sphere, preferred in, 237, 240 preconditions for argumentation and, 9-10 algorithms, search engines using, 93 alternative facts, 211 ambiguity, 144–159 amphiboly, 145 amplitude, claim selection and, 166-169 analogy-based warrants, 111-115 in exercises, 131 fallacies and, 140 false analogy and, 140 figurative analogies as, 112–113 literal analogies as, 111–112 tests for, 113-115 analytic statements, 221–222 anecdotal generalizations, 109 antithesis, 219-220

appropriateness, evaluation of evidence and, 98-99 argument from residues, 205 argument order arrangement and, 176-181 attacks and, 198–199 audience familiarity and, 178–179 Declaration of Independence and, 183-184 organizational patterns used for, 180-181 salience and, 179 strength of arguments and, 178 topical, 179 argument presentation, 226-230 argumentative essay as, 226–227 argumentative speech and, 227-229 visual argumentation and, 229-230 argument schemes, 104-136 argument structures, combining, 44-49, 176 argumentative essay, 226-227 suggestions for, 226-227 argumentative speech, 227-229 informal expressions and, 228 parallel structure and, 227–228 reflexive references and, 228 repetition and, 227-228 signposting and, 228 suggestions for, 227-229 verbal clutter and, 228–229 argumentativeness, as personality trait, 1 Aristotle, 26, 74, 250 rhetoric and, 7-8 sign-based warrants and, 117 arrangement, 176–181 anticipatory refutation and, 179-180 argument order in, 176–181 attacks and, 198-200 case outline as, 181–182 coordinative structure, choosing, 177-181 Declaration of Independence and, 183-185 defense and, 202-203 inoculation and, 179-180

261

Cambridge University Press 978-1-107-03471-6 — The Practice of Argumentation David Zarefsky Index <u>More Information</u>

262

arrangement (cont.) multiple structure, choosing, 177-181 strategic maneuvering and, 177-181 subordinative structure, choosing, 176-177 asking a question, 194-195 as building no equity, 195 unanswerable questions and, 195 assent, freely given controversies requiring, 57-58 as precondition for argumentation, 9-10 assertion and denial, interaction of, stases and, 70-71 assumptions underlying argumentation, 26 audience as, 11-13 cooperativeness as, 17-18 restrained partisanship as, 16-17 risk as, 18-20 uncertainty as, 13-16, 26 attacks, 186-187, 194 argument order and, 198-199 arrangement of, 198-200 asking a question as, 194-195 claim selection to withstand, 170 claims and, 190-191 clear-cut outcomes, lack of, in, 188 context and, 193-194, 197-198 contradictions and, 196-205 cooperativeness and, 187 coordinative structure and, 188 counterargument as, 197 credibility and, 191-192 defense demonstrating inadequacy of, 201 defense using structure of, 202-203 evidence and, 191–192 in exercises, 205-207 fully developed, 199-200 generalizations and, 192-193 inconsistencies identified by, 196-197 inconsistencies in, 189-190 internal deficiencies identified by, 195-196 labeling the strategy of the opposing argument as, 197 multiple structure and, 187-188 on-balance considerations and, 193 opportunity costs and, 200 post hoc fallacies and, 192, 195-196 pragmatic inconsistencies and, 196 reasons not to, 188-190 stases and, 190-191 straw man and, 199 subordinative structure and, 187 time limitations and, 188-189 warrants and, 192-193, 207-208

Index

audience, 5-6, 33 as assumption underlying argumentation, 11-13 claim selection and, 168-170 evidence and, 84-85 in exercises, 28 fallacies and, 139 pandering to, 12 rhetoric and, 8 universal, 12-13, 163-164 audience familiarity, argument order and, 178-179 backing, 208 begging the question, 78-79, 152, 222 Booth, Wayne, 12 briefs, 165–166, 181 building equity, asking a question and, 195 burden of proof burden of proving assertions and, 77 burden of rejoinder and, 77 controversies and, 72, 76-79 debate and, 255 persuasion burden and, 76-77 presumption, strength of, and, 76-77 production burden and, 77 burden of proving assertions, 77 burden of rejoinder, 77, 186 Burke, Kenneth, 127 business argumentation, 243 evidence and, 243 policy claims and, 243 satisficing in, 243 case construction, 161-185 briefs in, 165-166, 181 case outline in, 181–182 constraints and choices in, 164-165 Declaration of Independence, U.S., and, 183-185 dialectical obligations met in, 170, 180, 208 in exercises, 182-183 prima facie cases and, 161-164, 182 case outline, in case construction, 181-182 cases. See also prima facie cases affirmative, 161 negative, 161 categorical reasoning, form-based warrants and, 142 categorical syllogism, 29-33, 52 causal generalizations as explanations, 122 as predictions, 122 cause-based warrants, 119-134 Collingwood on, 135 constant conjunction and, 134

Cambridge University Press 978-1-107-03471-6 — The Practice of Argumentation David Zarefsky Index <u>More Information</u>

> correlations versus, 123-124 in exercises, 131-133 explanations as, 121-122 fallacies and, 140–141 Hart on, 135 human actions and, 135 Hume on, 134 influence and, 119–120, 134 legal argumentation and, 242 method of difference and, 120 method of similarity and, 120 Mill on, 120, 134 necessary conditions and, 134 post hoc fallacies and, 124, 141 predictions as, 121-123 sufficient conditions and, 134–135 tests for, 123–125 central tendency, measures of, 87, 103 characterization, visual argumentation and, 230 chiasmus, 220-221 circular reasoning, 151, 160 claim selection, 165-171 amplitude in, 166-169 attacks, withstanding, and, 170 audience and, 168-170 briefs, preparing, in, 165-166 contradictory claims in, 168 credibility and, 167 on-balance considerations and, 167-168 time limitations and, 166-167 claims, 3-4. See also policy claims; value claims attacking, 190–191 contradictory, 168 controversies and, 63-67 definition, 65-68 diagramming complex arguments and, 38-48 diagramming simple arguments and, 33-34, 36-38 in exercises, 26-27, 52-53, 79-80 fact, 64-65, 67-68, 79-80 justifying, 3 main, 38-45, 48, 51 previously established, 90 subsidiary, 38-48, 51 coalescent argumentation, 238 Collingwood, R. G., 135 color, visual argumentation and, 230 common knowledge, controversies and, 59 common language, 18 commonplaces, 90, 247 communication, 5-6 communicative clues, controversies and, 58-62 comparative value, 4 complex arguments, diagramming. See diagramming complex arguments

Index

complex sentences, 223 composition faÎlacies of, 110–111, 139 visual argumentation and, 230 compound sentences, 222-223 conciseness, evidence selection and, 175-176 condensation symbols, 248 confirmability, evaluation of internet evidence and, 101 conjecture, stases in, 69, 71 connotation in exercises, 231 persuasive definitions and, 210-211 constant conjunction, cause-based warrants and, I34 constructive speeches, in debate, 256-257 context. See also spheres of argumentation attacking, 193-194, 197-198 evaluation of evidence and, 98 fields as, 233 formal logic and, 32 issues derived from, 162–163 van Eemeren on, 233 contradictions attacking, 196–205 refutation and, 205 contradictory claims, in claim selection, 168 contradictory statements, 221-222 controversies, 56-81 assent, freely given, and, 57-58 burden of proof and, 72, 76-79 claims and, 63-67 common knowledge and, 59 communicative clues to, 58-62 duration of, 61 ending of, 61–62 in exercises, 27, 79–81 initial assertions in, 72 issues and, 62–63 migrating, 235–236 mixed versus unmixed, 14 positive impact of, 61, 81 as precondition for argumentation, 8-9 preconditions for, 56-58, 79 presumption and, 72-79 recognition of, 8-9, 56-57 resolutions and, 63–64 simpler means, lack of, and, 58 single versus multiple, 14-15 stases and, 69-72 taste, expressions of, and, 59 topoi and, 67-68 triviality and, 9, 57, 59-60 uncertainty and, 13-15 value judgments and, 59

263

Cambridge University Press 978-1-107-03471-6 — The Practice of Argumentation David Zarefsky Index <u>More Information</u>

264

conversational dialogue, 237 narrowed versus expanded, 237 cooperativeness as assumption underlying argumentation, 17-18 attacks and, 187 common language and, 18 debate and, 17 defense and, 187 coordinative structure, 44, 51, 176 arrangement and, 177–181 attacking, 188 Declaration of Independence and, 184 diagramming complex arguments and, 41-42, 45-48, 53-55 in exercises, 53-55 main claims in, 41 subsidiary claims in, 41, 47 core beliefs, argumentation impact on, 21-22 correlations, 119 cause-based warrants versus, 123-124 statistics measuring, 119 counterargument, 197 covering laws. See causal generalizations credentials, evaluation of internet evidence and, 100 credibility, 19 attacking, 191-192 claim selection and, 167 evaluation of evidence and, 96 evidence selection and, 173-174 expertise and, 91 self-interest and, 91-92 testimony and, 91-92, 96, 125 track record and, 91, 174 critical discussion freedom rule in, 159 functional missteps in, 159-160 personal sphere and, 237-238 relevance rule in, 159 van Eemeren on, 159-160, 237-238 cross-examination, in debate, 256 cumulation, 41-42 debate, 17, 24-25, 254-258 burden of proof and, 255 constructive speeches in, 256-257 cross-examination in, 256 decision-maker in, 24-25, 257-258 formats for, 256-257 preparation for, 257 rebuttals in, 256-257

Index

debate teams, 256 debate tournaments, 255-256 decision rules, presumption providing, 73 decision-maker, debate and, 24-25, 257-258 Declaration of Independence, U.S. argument order and, 183–184 arrangement and, 183-185 case construction and, 183-185 coordinative structure and, 184 deduction, 6 defense, 186–187, 200–204 arrangement and, 202-203 attack structure used in, 202-203 cooperativeness and, 187 error demonstrated by, 201-202 inadequately established attack demonstrated by, 201 inapplicability demonstrated by, 200-201 original case structure used in, 202 pre-emptive moves as, 203-204 self-, 26 triviality demonstrated by, 201 definition claims, 65-68 definition of the situation, 212-213 in exercises, 231 scope of conflict and, 213 definitions, 79-80, 224-225. See also persuasive definitions expertise and, 210 for the sake of argument, adopted for, 210 stases in, 69-71 deliberation, 22-24 accidental, 23-24 planned, 24 democracy, public sphere importance to, 249-251 denotation, persuasive definitions and, 210-211 denying the antecedent, 142 Dewey, John, 250-251 diagramming arguments, 49-52 in exercises, 52-55 formal logic and, 29-33, 51 as reconstruction, 49-52 as systematization, 50 diagramming complex arguments argument structures, combining, and, 44-49 claims and, 38-48 coordinative structure and, 41-42, 45-48, 53-55 evidence and, 38-39, 43-45, 48 in exercises, 53-55 main claims and, 38-45, 48, 51 multiple structure and, 40, 48, 53-55 subordinative structure and, 42-46, 48, 53-55 subsidiary claims and, 38-48, 51 warrants and, 43, 48

resolutions in, 254-255

time limitations and, 256

sides in, 255

Cambridge University Press 978-1-107-03471-6 — The Practice of Argumentation David Zarefsky Index <u>More Information</u>

> diagramming simple arguments, 33-38, 50-51, 106 claims and, 33–34, 36–38 evidence and, 34–38, 51 warrants and, 35–38, 51 dialectic, 6-7 Marx and, 6 Plato and, 6-7 pragma-dialectics and, xi, 7, 159–160 dialectical obligations, case construction meeting, 170, 180, 208 dialogue, fallacies in, 158-159 dilemmas, 204 direct observations, 89 discourse communities. See fields dissociation, 213-217 countering, 216-217 in exercises, 231-232 negation and, 215-216 oxymorons and, 215 philosophical pairs and, 214-215 recognizing, 215-216 tautologies and, 215 documents, 88-89 domain names, evaluation of internet evidence and, 100 domino theory, 123, 147 eager testimony, 92 effective reasoning, justification and, 5 either/or, exclusive versus nonexclusive sense of, 142-143 electronic databases, evidence found in, 93 entailment, formal logic and, 104-105 enthymemes, 238-240 equivocation, 138-139, 145-146 error defense demonstrating, 201-202 procedural, 137 essence, sign-based warrants showing, 117 ethical argumentation, 245-246 ethics, 20-22 core beliefs, argumentation impact on, and, 21-22 persuasion and, 20-21 euphemisms, 224 in exercises, 232 evaluation, of evidence, 94-101. See also evidence selection accessibility and, 96 accuracy and, 98 adequacy and, 98 appropriateness and, 98-99 context and, 98 credibility and, 96

Index

265

in exercises, 103 external consistency and, 97 internal consistency and, 97 relevance and, 97 timeliness and, 97 evaluation, of internet evidence, 99–101, 173–174 basic standards and, 100 confirmability and, 101 creator of content and, 100 credentials and, 100 domain names and, 100 in exercises, 103 purpose of site and, 100 scholarship and, 101 timeliness and, 101 evidence, 84-97. See also objective data; social consensus; testimony agreement and, 84 attacking, 191–192 audience and, 84-85 business argumentation and, 243 diagramming complex arguments and, 38-39, 43-45, 48 diagramming simple arguments and, 34-38, 51 electronic databases, found on, 93 in exercises, 52-53, 97-101 fake news and, 85, 95, 173 finding, 92–94 formal logic and, 34–35 legal argumentation and, 242 libraries, physical, found in, 94 photography as, 96 probative force of, 107 religious argumentation and, 246 search engines, found on, 93 social media and, 85 evidence selection, 171-176 conciseness and, 175-176 credibility and, 173–174 expertise and, 172-174 relevance and, 172 replicability and, 172 timeliness and, 174-175 track record and, 174 underlying reasoning and, 172-173 example-based warrants, 108–111 in exercises, 131 fallacies of composition and, 110–111, 139 fallacies of division and, 111, 139 generalizations as, 108–111 hasty generalizations and, 139 illustrations as, 108–109 as representative, 109 tests for, 110-111

Cambridge University Press 978-1-107-03471-6 — The Practice of Argumentation David Zarefsky Index <u>More Information</u>

266

examples illustrations as, 86 as objective data, 86 exercises analogy-based warrants in, 131 attacks in, 205-207 audience in, 28 case construction in, 182-183 categorical syllogism in, 52 cause-based warrants in, 131-133 central tendency, measures of, in, 103 claims in, 26-27, 52-53, 79-80 connotation in, 231 controversies in, 27, 79-81 coordinative structure in, 53-55 definition of the situation in, 231 diagramming arguments in, 52-55 diagramming complex arguments in, 53-55 dissociation in, 231-232 euphemisms in, 232 evaluation of evidence in, 103 evaluation of internet evidence in, 103 evidence in, 52-53, 97-101 example-based warrants in, 131 fallacies in, 154-157 fallacies of clarity in, 157 fallacies of relevance in, 156–157 fallacies of vacuity in, 157 fields in, 252-253 formal logic in, 130-131 form-based warrants in, 133-134 genres of argumentation in, 28 migration between spheres of argumentation in, 252 multiple structure in, 53-55 objective data in, 101–102 personal sphere in, 252 persuasion in, 27-28 prima facie cases in, 182 public sphere in, 252 refutation in, 207 sign-based warrants in, 131-133 social consensus in, 101-102 spheres of argumentation in, 251-253 stases in, 79-81 subordinative structure in, 53-55 technical sphere in, 252 testimony in, 101–102 testimony-based warrants in, 133-134 *topoi* in, 79–80 warrants in, 52-53 existing institutions, natural presumption for, 74-75 expert testimony, 125-126, 172

Index

expertise credibility and, 91 definitions and, 210 evidence selection and, 172-174 public sphere and, 247 explanations causal generalizations as, 122 as cause-based warrants, 121-122 resolution of paradox as, 121-122 retrospective hypotheses as, 121 external consistency, evaluation of evidence and, 97 fact claims, 64-65, 67-68, 79-80 facts alternative, 211 legal argumentation and, 242 persuasive definitions and, 211-212 fake news, evidence and, 85, 95, 173 fallacies, 137-160 affirming the consequent as, 142, 244 analogy-based warrants and, 140 audience and, 139 cause-based warrants and, 140–141 of composition, 110-111, 139 denying the antecedent as, 142 in dialogue, 158-159 of division, 111, 139 either/or, exclusive versus nonexclusive sense of, and, 142–143 in exercises, 154-157 false analogy as, 140 formal logic and, 137 form-based warrants and, 141-143 functional missteps as, 159-160 hasty generalizations as, 139 informal logic and, 158-159 narrative arguments and, 143 post hoc, 124, 141, 192, 195-196 pragma-dialectics on, 159–160 procedural errors versus, 137 sign-based warrants and, 140 testimony-based warrants and, 141 undistributed middle term as, 142 warrants as deficient in, 138 fallacies of clarity, 144-147 ambiguity as, 144-159 amphiboly as, 145 equivocation as, 138-139, 145-146 in exercises, 157 heaps as, 146-147 slippery slopes as, 147 vagueness as, 144 fallacies of relevance, 147-151 ad baculum as, 150, 160 ad hominem as, 138, 148-149

Cambridge University Press 978-1-107-03471-6 — The Practice of Argumentation David Zarefsky Index <u>More Information</u>

> ad ignorantiam as, 151 ad misericordiam as, 150-151 ad personam as, 138, 148 ad populum as, 150 ad verecundiam as, 149-150 in exercises, 156-157 fallacies of vacuity, 151-154 begging the question as, 152 circular reasoning as, 151, 160 in exercises, 157 ignoring the question as, 152-153 non sequitur as, 153 self-sealing arguments as, 154 straw man as, 153 false analogy, 140 fields, 233 in exercises, 252-253 technical sphere and, 241–246 figurative analogies, 112-113 phoros and, 113 theme and, 113 figures of speech, 217-221 antithesis as, 219–220 chiasmus as, 220–221 metaphors as, 217-219 parallel structure as, 221 similes as, 217-218 synecdoche as, 217-218 word order and, 219 formal logic categorical syllogism and, 29-33, 52 context and, 32 diagramming arguments and, 29–33, 51 entailment and, 104-105 evidence and, 34-35 in exercises, 130–131 fallacies and, 137 inference and, 34-35 truth of statements in, 32-33 validity in, 104–106, 127, 130–131 form-based warrants, 127-129 affirming the consequent and, 142 categorical reasoning and, 142 denying the antecedent and, 142 either/or, exclusive versus nonexclusive sense of, and, 142-143 in exercises, 133–134 fallacies and, 141–143 narrative arguments and, 128-129, 143 quasi-logical arguments and, 128 quasi-mathematical arguments and, 128 resonance and, 129 tests for, 129 undistributed middle term and, 142 framing. See definition of the situation

Index

267

freedom rule, in critical discussion, 159 functional missteps, in critical discussion, 159–160 generalizations, 108–111 anecdotal, 109 attacking, 192–193 causal, 122 hasty, 139 scientific argumentation and, 244 statistical, 109 genres of argumentation, 22–26, 28. *See also* debate deliberation as, 22–24 negotiation as, 25 public address as, 25

Goodnight, G. Thomas, 233 Greece, ancient, argumentation in, 2 Grootendorst, Rob, 29, 40, 159–160 Hamblin, C. L., 137–138

Hample, Dale, 240 Hansen, Hans V., x Hart, H. L. A., 135 hasty generalizations, 139 heaps, 146–147 Herrick, James A., 96 heuristics, 10–11 Hultzén, Lee, 82–83 human actions, cause-based warrants and, 135 Hume, David, 134

iconic images, 229 Iden, Randall E., x identity politics, presumption and, 78-79 ignoring the argument, 190 ignoring the question, 152-153 illustrations, 86, 108-109 inapplicability, defense demonstrating, 200-201 inconsistencies in attacks, 189–190 attacks identifying, 196–197 pragmatic, 196 refutation and, 205 independent structure. See multiple structure index numbers, 87 measurable index and, 116 inference, 34-35, 48. See also warrants formal logic and, 34-35 justification and, 15-16 uncertainty and, 15–16 validity and, 106 influence, cause-based warrants and, 119-120, 134 informal expressions, argumentative speech and, 228

informal logic, 6, 158-159

Cambridge University Press 978-1-107-03471-6 — The Practice of Argumentation David Zarefsky Index <u>More Information</u>

268

initial assertions, in controversies, 72 inoculation, arrangement and, 179–180 institutional regularity, 116 internal consistency, evaluation of evidence and, 97 internal deficiencies, attacks identifying, 195-196 issues context, derived from, 162-163 controversies and, 62-63 prima facie cases and, 162-164 resolutions, derived from, 162 topoi determined by, 163 universal audience and, 163-164 Jackson, Sally, 240 Jacobs, Scott, 240 Johnson, Ralph H., 170, 180, 208 Johnson, Wendell, 81 judging. See decision-maker justification, 3, 26 effective reasoning and, 5 inference and, 15-16 proof versus, 3, 16 Kahneman, Daniel, 10 Kuhn, Thomas, 244-245 labeling the strategy of the opposing argument, 197 lay testimony, 125–126 legal argumentation, 242-243 cause-based warrants and, 242 evidence and, 242 facts and, 242 literal analogies and, 242 precedents and, 242 stare decisis and, 242 stases in place in, 242-243 libraries, physical, evidence found in, 94 linguistic consistency, 209-210, 223 linguistic intensity, 225 Lippmann, Walter, 250-251 literal analogies, 111-112 legal argumentation and, 242 precedents as, 112 logic, 6. See also formal logic deduction and, 6 informal, 6 main claims coordinative structure and, 41 diagramming complex arguments and, 38-45,

Index

Marx, Karl, 6 materials, visual argumentation and, 230 means-end predictions, 122-123 measurable index, 116 memes, 230 metaphors, 217-219 method of difference, cause-based warrants and, 120 method of similarity, cause-based warrants and, 120 migration, between spheres of argumentation, 235-236, 252 Mill, John Stuart, 120, 134 multiple structure, 44, 51, 176 arrangement and, 177–181 attacking, 187-188 diagramming complex arguments and, 40, 48, 53-55 in exercises, 53-55 main claims in, 40, 48 subsidiary claims in, 40, 48 van Eemeren, Grootendorst, and Snoeck Henkemans on, 40 narrative arguments, 128-129, 143 natural presumption, 73-75 existence of, 75 existing institutions and, 74-75 paradoxes and, 74 necessary conditions, 134 negation dissociation and, 215-216 self-, 216 negative cases, 161 negotiation, 25 non sequitur, 153 normal science, revolutionary science versus, 244-245 objective data, 85-89 direct observation as, 89 documents as, 88-89 examples as, 86 in exercises, 101–102 statistics as, 86-88 tangible objects as, 88-89 observations direct, 89 physical, 115 Olbrechts-Tyteca, Lucie, 213-214 on-balance considerations attacks and, 193 claim selection and, 167-168 opportunity costs, attacks and, 200 organizational patterns, for argument order, 180-181 oxymorons, 215

48, 51

multiple structure and, 40, 48

subordinative structure and, 43

Cambridge University Press 978-1-107-03471-6 — The Practice of Argumentation David Zarefsky Index <u>More Information</u>

> pandering, 12, 170 paradigms, in scientific argumentation, 245 paradoxes natural presumption against, 74 resolutions of, 121–122 parallel structure. See also multiple structure argumentative speech and, 227-228 as figure of speech, 221 paraphrased testimony, 126 percentages, 87 Perelman, Chaim, 12, 164, 213–214 personal relationships, 237-240 personal sphere, 234, 236-240 agreeing to disagree in, 236-237 agreement preferred in, 237, 240 coalescent argumentation in, 238 conversational dialogue in, 237 critical discussion in, 237-238 enthymemes in, 238-240 in exercises, 252 politeness conventions in, 237 shared belief in, 238 personhood, argumentation bestowing on adversary, 20 persuasion ethics of, 20-21 in exercises, 27-28 persuasion burden, 76–77 persuasive definitions, 210-212 connotation and, 210–211 denotation and, 210–211 facts and, 211-212 public sphere and, 248-249 philosophical pairs, 214-215 phoros, figurative analogies and, 113 photography, 96 physical observations, 115 place, stases in, 70-72, 242-243 Plato, 6–7 policy claims, 4, 79-80 business argumentation and, 243 stases and, 82-83 topoi and, 68, 82, 163 value claims and, 66–67 politeness conventions, 237 pontificating, 126 popular culture, argumentation in, 1-2 post hoc fallacies attacks and, 192, 195–196 cause-based warrants and, 124, 141 Powell, Colin, 88, 95-96 pragma-dialectics, xi, 7, 159–160 pragmatic arguments. See means-end predictions pragmatic inconsistencies, attacking, 196 precedents, 112, 242

Index

269

preconditions for argumentation, 8-11 agreement and, 9–10 assent, freely given, as, 9-10 controversies as, 8-9 simpler means, lack of, as, 10–11, 19–20 predictions, 4 causal generalizations as, 122 as cause-based warrants, 121–123 means-end, 122–123 sign-based warrants and, 117 slippery slopes as, 123 pre-emptive moves, 203-204 presumption. See also natural presumption artificial, 73–74 controversies and, 72-79 decision rules, providing, 73 identity politics and, 78-79 initiator of dispute determined by, 72-73 prima facie cases and, 76 proof, providing standard of, 73 question-begging epithets and, 78-79 resolutions determining, 75-76 risk and, 76 strategic value of, 78-79 strength of, 76-72 previously established claims, 90 prima facie cases, 186 case construction and, 161-164, 182 in exercises, 182 issues in, 162-164 presumption and, 76 probability statements, 88 probative force, evidence and, 107 production burden, 77 proof. See also burden of proof justification versus, 3, 16 presumption providing standard of, 73 properties, sign-based warrants and, 117 propositions, 26 proximate cause. See sufficient conditions public address, 25 mediation of, 25 public decision-making, argumentation promoting, 250 public philosophy, 251 public sphere, 234-235, 246-249 commonplaces and, 247 condensation symbols in, 248 contemporary, 249 democracy, importance to, 249-251 in exercises, 252 expertise in, 247 heterogeneity of, 247-248 persuasive definitions and, 248-249 warrants in, 247

Cambridge University Press 978-1-107-03471-6 — The Practice of Argumentation David Zarefsky Index <u>More Information</u>

270

quality, stases in, 70-71, 191 quasi-logical arguments, 128 quasi-mathematical arguments, 128 question-begging epithets, presumption captured by, 78-79 quoted testimony, 126 rates of change, 88 ratios, 87 raw numbers, 86-87 reasoning argumentation as, 1-3 categorical, 142 circular, 151, 160 effective, 5 underlying, 172–173 rebuttals, 186, 208, 256-257 recency. See timeliness reconstruction of arguments, diagramming as, 49 - 52reductio ad absurdum, 204 reflexive references, argumentative speech and, 228 refutation, 186, 204-205 a fortiori arguments as, 204-205 anticipatory, 179-180 argument from residues as, 205 contradictions and, 205 dilemmas as, 204 in exercises, 207 inconsistencies and, 205 reductio ad absurdum as, 204 turning the tables as, 204 relativism, 21-22 relevance. See also fallacies of relevance evaluation of evidence and, 97 evidence selection and, 172 relevance rule, in critical discussion, 159 religious argumentation, 241, 245-246 evidence in, 246 timeliness and, 246 reluctant testimony, 92 repetition, argumentative speech and, 227-228 replicability evidence selection and, 172 testimony and, 172 representation, visual argumentation and, 229 reservations. See rebuttals residues. See argument from residues resolutions, 26 controversies and, 63-64 debate and, 254-255 issues derived from, 162 of paradoxes, 121-122 presumption determined by, 75-76

Index

resonance, form-based warrants and, 129 restrained partisanship, as assumption underlying argumentation, 16-17 retrospective hypotheses, 121 revolutionary science, normal science versus, 244-245 rhetoric, ix, 7-8 Aristotle on, 7-8 audience and, 8 as ornamentation, 7 reality opposed to, 7 risk as assumption underlying argumentation, 18-20 of being wrong, 18-19 presumption and, 76 system of beliefs, modification of, as, 19 salience, argument order and, 179 satisficing, business argumentation and, 243 Schattschneider, E. E., 213 Scholastics (philosophers), 81 scientific argumentation, 241, 244-245 affirming the consequent and, 244 generalizations and, 244 normal science in, 244–245 paradigms in, 245 revolutionary science in, 244-245 scope of conflict, definition of the situation and, 213 search engines, 99 algorithms used by, 93 evidence found on, 93 self-defense, argumentation as means of, 26 self-interest ad hominem and, 148 credibility and, 91–92 testimony-based warrants and, 127 self-negation, 216 self-sealing arguments, 154 sentences, 222-223 complex, 223 compound, 222-223 simple, 222 series. See subordinative structure shared belief, personal sphere and, 238 shared historical understandings, 90 shared value judgments, 90 sign-based warrants, 115-119 Aristotle on, 117 correlations as, 119 essence known by, 117 in exercises, 131-133 fallacies and, 140 fallible versus infallible, 117

Cambridge University Press 978-1-107-03471-6 — The Practice of Argumentation David Zarefsky Index <u>More Information</u>

> institutional regularity as, 116 measurable index as, 116 physical observations as, 115 predictions and, 117 properties and, 117 tests for, 117-119 signposting, argumentative speech and, 228 similes, 217-218 simple arguments, diagramming. See diagramming simple arguments simple sentences, 222 simpler means, lack of argumentation, as precondition for, 10-11, 19-20 controversies requiring, 58 size, visual argumentation and, 230 slippery slopes domino theory as, 123, 147 as fallacies of clarity, 147 as predictions, 123 Snoeck Henkemans, Francisca, 29, 40 social consensus, 89–91 commonplaces as, 90 in exercises, 101-102 previously established claims as, 90 shared historical understandings as, 90 shared value judgments as, 90 stipulations as, 91 social media, 85 spheres of argumentation, 233-249 in exercises, 251–253 migrating controversies and, 235-236 migration among, 235-236, 252 personal sphere as, 234, 236-240 public sphere as, 234-235, 246-249 technical sphere as, 234, 240–246 standpoints. See claims stare decisis, 242 stases assertion and denial, interaction of, and, 70-71 attacks and, 190–191 in conjecture, 69, 71 controversies and, 69-72 in definition, 69-71 in exercises, 79-81 in place, 70-72, 242-243 policy claims and, 82-83 as progressive, 71 in quality, 70-71, 191 statements, 32-33, 221-223 analytic, 221–222 contradictory, 221-222 synthetic, 221–222 statistical generalizations, 109

Index

271

statistics, 86-88 central tendency, measures of, as, 87, 103 correlations measured by, 119 index numbers as, 87 percentages as, 87 probability statements as, 88 rates of change as, 88 ratios as, 87 raw numbers as, 86-87 Stevenson, Charles L., 210 stipulations, 91 strategic imprecision, 223-225, 232 strategic maneuvering, 177-181 straw man, 153, 199 stylistic devices, 217–225 figures of speech as, 217-221 linguistic intensity as, 225 sentences, types of, as, 222–223 statements, types of, as, 221-223 strategic imprecision as, 223-225 subordinative structure, 51, 176 arrangement and, 176-177 attacking, 187 diagramming complex arguments and, 42-46, 48, 53-55 in exercises, 53-55 main claims in, 43 subsidiary claims in, 43 van Eemeren, Grootendorst, and Snoeck Henkemans on, 43 subsidiary claims coordinative structure and, 41, 47 diagramming complex arguments and, 38-48, multiple structure and, 40, 48 subordinative structure and, 43 sufficient conditions, 134-135 synecdoche, 217–218 synthetic statements, 221-222 system of beliefs, modification of, 19 systematization, diagramming as, 50 tacit knowledge. See enthymemes tangible objects, 88-89 taste, expressions of, 59 tautologies, 215 technical sphere, 234, 240-246, 250 business argumentation in, 243 ethical argumentation in, 245-246 in exercises, 252 fields in, 241-246 legal argumentation in, 242-243

religious argumentation in, 241, 245-246

scientific argumentation in, 241, 244-245

Cambridge University Press 978-1-107-03471-6 — The Practice of Argumentation David Zarefsky Index <u>More Information</u>

272

testimonv credibility and, 91-92, 96, 125 eager, 92 in exercises, 101-102 expert, 125–126, 172 lay, 125-126 paraphrased, 126 quoted, 126 reluctant, 92 replicability and, 172 testimony-based warrants, 125–127 in exercises, 133-134 expert testimony and, 125-126 fallacies and, 141 lay testimony and, 125-126 multiple sources for, 127 paraphrased testimony and, 126 pontificating and, 126 quoted testimony and, 126 self-interest and, 127 tests for, 126-127 timeliness and, 127 theme, figurative analogies and, 113 time limitations attacks and, 188–189 claim selection and, 166-167 debate and, 256 timeliness evaluation of evidence and, 97 evaluation of internet evidence and, 101 evidence selection and, 174-175 religious argumentation and, 246 testimony-based warrants and, 127 topical argument order, 179 topoi case outline and, 181 controversies and, 67-68 definition claims and, 67-68 in exercises, 79-80 fact claims and, 67-68 issues determined by, 163 policy claims and, 68, 82, 163 value claims and, 67-68 Toulmin, Stephen, 29, 36, 51, 208, 233 track record credibility and, 91, 174 evidence selection and, 174 triviality of controversies, 9, 57, 59-60 defense demonstrating, 201 truisms, 222 turning the tables, 204 ultimate value, 4 uncertainty, 4-5

Index

as assumption underlying argumentation, 13-16, 26 controversies and, 13-15 inference and, 15-16 value and, 4 underlying reasoning, evidence selection and, 172-173 undistributed middle term, 142 universal audience, 12-13, 163-164 vagueness, 144 validity, 30, 104–107 formal logic and, 104–106, 127, 130–131 inference and, 106 in ordinary argumentation, 106-107 warrants and, 106–130 value comparative, 4 ultimate, 4 uncertainty and, 4 value claims, 66-67, 79-80 absolute versus comparative, 66, 80 policy claims and, 66-67 terminal versus instrumental, 66, 80 topoi and, 67-68 value judgments controversies and, 59 shared, 90 van Eemeren, Frans, xi, 29 context and, 233 critical discussion and, 159-160, 237-238 multiple structure and, 40 pragma-dialectics and, xi, 7, 159-160 strategic maneuvering and, 177-178 subordinative structure and, 43 verbal clutter, argumentative speech and, 228-229 visual argumentation, 229–230 characterization and, 230 color and, 230 composition and, 230 iconic images and, 229 materials and, 230 memes and, 230 representation and, 229 size and, 230 suggestions for, 229-230 Walton, Douglas, 158-159

warrants, 15–16, 35, 48, 106–107. *See also* analogy-based warrants; cause-based warrants; example-based warrants; formbased warrants; inference; sign-based warrants; testimony-based warrants attacking, 192–193, 207–208 backing and, 208

Cambridge University Press 978-1-107-03471-6 — The Practice of Argumentation David Zarefsky Index <u>More Information</u>

> challenging, 35–36 diagramming complex arguments and, 43, 48 diagramming simple arguments and, 35–38, 51 in exercises, 52–53 fallacies, as deficient in, 138 public sphere and, 247

Index

273

rebuttals and, 208 validity of, 106–130 Weaver, Richard, 222 Whately, Richard, 74 Whitman, Walt, 74 word order, figures of speech and, 219