Acculturation, 155 Acquisition, 154, 158–159 "Active" emotions, 196 Adult Decision-Making Competence (A-DMC), 197–198 Adult learning theory/ transformational learning, 73 Affect-based attachment, 178–179 Affective commitment, 175–176 Affective events theory (AET), 158,	Biographical approach, 219–220 Boredom, 203 boredom–emotion, 204–205 continuum, 202–203 at work, 196–197 Burnout, 81–83 Business family, 218, 231 Business-to-business transactions (B2B transactions), 11 Business-to-consumer transactions (B2C transactions), 11
178–179, 199	Case based learning (CDI) 96
Affective organizational commitment, 174–181	Case-based learning (CBL), 86 Chat-based service conversations,
ANOVA, 146	111–112
Anxiety, 78–79	Chatbots, 15
Approach motivation, 35–36	Chi-square analysis, 146
Artificial intelligence (AI), 14–15, 28	CoachBots, 13
AI-driven innovations, 15–16	for teams, 52
algorithms, 15	CoachHub, 52
Assisted intelligence, 15	Coaching, 73–76
Augmented intelligence, 15	intervention, 3
Augmented reality (AR), 20, 70	relationships, 2–3
examples, 20–21	Cognition, 196
measuring and changing emotion-	Cognitive appraisal theory, 157–158
related phenomenon, 21-24	Cognitive biases, 37–39
ways emotions researchers and	Communication, 106–107
practitioners, 24–25	Comparative fit index (CFI), 182–183
Autonomous intelligence, 15	Compassion, 55, 62
Average variance's square root	Competencies, 60
(AVE), 58–59	Composite reliability (CR), 58–59
Avoidance motivation, 35–36	Computational social science, 108
	Confidence interval (C.I), 182–183
Bartlett's test of sphericity, 58, 65	Configural invariance, 182–183
Beck Depression Inventory, 79-80	Confirmatory factor analysis (CFA),
Belief assessment, 197–198	58–59, 182–183
Bem Sex Role Inventory (BSRI),	Connor-Davidson Resilient Beliefs
143–145	Scale, 75
BetterUp, 52	Consistency in risk perception, 206
Beyond Blue study, 81–82	Convergent validity, 58–59

Coping strategies, 83–84	Deterioration emotional climate,
Corporate social responsibility (CSR),	165–166
5, 218, 229	Diagnostic and Statistical Manual of
to FBSR, 229–233	Mental Disorders Fifth
Cronbach's alpha, 58, 205–206	Edition (DSM-5), 78
Crowdsourcing, 14	Digital age, 1–2, 11
Customer assessment of employee	adapting to, 2–4
performance, 113	approach, 130
Customer emotions, 118–121	conduct and application of
in different industries, 125–126	emotions research, 13–14
Customer satisfaction variables, 113	impact of digital age on services, 12
Customer service, 12	emotion regulation in, 13
customer emotions, 118–121	emotions and care in, 4–5
digital analyses of emotion in,	emotions and service in, 1
109–110	emotions in, 12–13
magnitude of data, 111	future of work, 14–16
nature of variables available in	service delivery, 107
digital traces data,	Digital analyses of emotion in
111–112	customer service, 109–110
new insights from analyses of	Digital communication, 3, 70
digital traces of emotions,	effects of leaders' emotion display
115–127	and social presence of,
relating customer expression of	72–73
emotion to service agents'	leaders' emotion display in, 71–72
behaviors, 126–127	Digital economy, 11
studying emotion in, 111–112	Digital emotional expression, 13
Cybersickness, 21	Digital literacy, 10
Cynicism, 81–82	Digital fiteracy, 10 Digital technology, 11, 13–14
Cymcism, 61–62	Digital trace(s), 3–4
Data analysis 57	
Data analysis, 57	analyses of over million service
Data-driven themes, 159–160	chat conversations,
Decision science, 197–198	112–127
Decision-making, 197–198	data, 13
process model, 199–200	emotions in customer service
Decision-making competence (DMC),	conversations, 115–127
195, 201, 213	nature of variables in, 111–112
augmenting cognitive calculation,	organic data, 106–107
201	Digitalization, 4, 12, 194
Deichmann cases, 222–223	Doctor-patient interaction,
development over time, 223–229	psychological androgyny
Depression, 79–80	and, 140–141
Depression Anxiety and Stress Scales 21 (DASS-21), 85, 87	Dropbox, 61
Descriptive accounts, 197–198	Effective coaching, 52–53

Index 249

constructs and measures, 57–59 data collection, 56	fascinated, 197 future research, 128–130
future research, 61	intelligence, 53-54, 62, 141-142
hypothesized model, 54	management, 148
limitations, 62	and moods, 196-197
practical implications, 61-62	regulation in digital age, 13
results, 59	regulation theory, 70
sample, 57	relating customer expression of,
survey instruments, 56	122–125
survey process, 56	research, 20
theory development and	in robotics and AI studies, 32-33
hypotheses, 54–56	in service, 106, 127
Emoticons, 12, 13	and service in digital age, 1
Emotional carrying capacity (ECC),	studying in customer service by
174, 181	analyzing chat-based
Emotional climate, 155–159	service conversations,
analytical framework, 157-158	111–112
in Gamma-Delta acquisition,	terms, resources, and tools for
161–165	digital service research
managerial implications, 167–168	about, 107–109
organizational culture to, 156	Empathy, 82–83
from organizational culture to, 156	Employee(s), 157, 176
positive emotional climate,	commitment, 176
156–157	employee-organization
postacquisition integration,	commitment, 187–188
155–156	reactions to changes at Delta,
qualitative case study design,	162–163
158–161	reactions to Gamma, 161–162
Emotional Competence Scale,	turnover rate, 164
144–145	Executive coaching, 52, 73
Emotional Intelligence Appraisal	Expanded decision-making process
Questionnaires (EIA), 143	model, 210
trait scale, 144	Expedia, 12
Emotional/emotions, 31, 72, 139, 154,	Exploratory factor analysis (EFA), 58
196	Eye tracking, 21, 24
assessments, 129–130	
bored, 197, 200-201	Face-to-face communication, 74
and care in digital age, 4–5	Family, 218, 236
contagion, 74–75	business research, 218, 229-230
in digital age, 12–13	family-owned business, 218, 227
digital analyses of, 109-110	firms, 219–220
digital traces organic data, 106–107	Family business social responsibilities
displaying expectations, 139–140	(FBSR), 5, 219
expression, 179	cases, 222–238

CSR to, 229–232 data analysis, 221	Group emotions, 157
data collection, 221	Healthcare, 138–139
Deichmann, Henkel, and Vorwerk,	Heinz-Horst Deichmann foundation,
222–223	231
Deichmann-development over	Henkel cases, 222–223
time, 223–229	Heritage, 237–238
idiosyncratic and genuine SR vs.	HoloLens, 20
strategic and reputation-	Human capital, 229–231
driven activities, 232–235	Human integration, 155
methodology, 219–221	Humanistic psychology, 73
transcending generations, 235–238	Human-robot interaction (HRI), 31,
Feeling bored, 195, 209–211	34
Feeling robots, 35	Hybrid process decision-making
Feminine, 140	model (HPDMM), 199
Femininity, 140	
Financial capital, 229–230, 231	Idiosyncratic
First Call Resolution (FCR), 124–125	and genuine SR, 232–235
First Contact Resolution (FCR), 113	nature of FBSR, 229
Followers	Implicit Association Test (IAT),
emotions in, 70, 74–75	23–24
leaders and, 71–72	Industry 4.0, 11, 52, 54
Functional theories of emotions, 72	Information age. See Digital age
Future of work in digital age, 14–16	Integration, 197–198
	management, 155
Gamma–Delta acquisition, emotional	process, 167
climate in	research, 154–155
employee reactions to changes at	International Coaching Federation
Delta, 162–163	(ICF), 60
employee reactions to Gamma,	International Foundation of Robotics
161–162	Research, 29
evolving emotional climate at	International Journal of Robotics
Delta, 164–165	Research, 29
Gender	International Journal of Social
behavior, 140	Robotics, 30
socialization, 140	International Symposium of Robotics
stereotypes, 139–140	Research, 29
General educational stressors, 77	Internet of Things (IoT), 11–12
Gig economy, 14	Interpersonal behavior, 139
Gig workers, 14	Interpersonal competence
Google Daydream View, 21	in Indian doctors, 138–139
Google docs, 61	psychological androgyny and,
Google Glasses, 20	141–142
Gross domestic product (GDP), 11	

Index 251

Interpersonal competency Scores Macro-organizational environment, (IEA Scores), 146-148 199 limitations and suggestions for Masculine traits, 140, 142 future studies, 148-149 Masculinity, 140 Mechanic robots, 35 Medicine, 141 Job satisfaction, 187–188 Mental health of medical students and doctors, 71–72 Kaiser-Meyer-Olkin measure of sampling adequacy (KMO Mental model, 75–76 of sampling adequacy), 65 Metacognition, 197–198 Knowledge-creation capability, Metasystem approach, 5 177-178 Metric invariance, 182–183 Mixed emotions, 36 Labor-intensive process, 106–107 Mixed reality (MR), 20 Latent-difference-score approach examples, 20-21 (LDS approach), 173, 182 measuring and changing emofinal structural model, 183 tion-related phenomenon, limitations and future research 21 - 24directions, 187–188 ways emotions researchers and means, SD, and correlations, 184 practitioners, 24-25 measures, 181-182 Mood(s), 197, 210-211 method, 180-182 bored, 197 negative emotions in work excited, 197 relationships, 174–177 MSCEIT, 144 participants and data collection, Multiple emotions, 115–116 180-181 positive work relationships and National Mental Health Survey of affective organizational Doctors and Medical commitment, 177-180 Students (NMHSD), 71–72 results, 182-184 Natural language processing (NLP), 13-14, 111 Leaders' emotion expressions, 3, 70 display and social presence of Negative coping strategies, 83 digital communication, Negative emotions, 115–116, 174–177 72 - 73in work relationships, 174–177 Net Promoter Score (NPS), 113, 124 display in digital communication, 71 - 72Normative analysis, 197-198 effects on social distance, 70 leaders' emotion management with Oculus Go. 21 Online coaching model digital technologies, 72–73 Leadership development, 61 prior approaches to supporting Linguistic Inquiry and Word Count well-being of medical staff, tool (LIWC), 109-110 72 - 73LivePerson, 109 coaching, 73-76

development and evaluation of, 70	recommendations for future
implementation and evaluation of	research, 211–212
online coaching, 85–86	results, 206–209
mental health and well-being of	Organic data, 107–108
medical students and	Organizational
doctors, 71–72	climate, 156
method, 86–87	commitment, 178
proposed intervention, 84-85	culture to emotional climate, 156
theoretical positioning, 72–73	socialization, 155–156
unpacking well-being issues for	
medical students and	Pain©, 85
doctors, 76–84	Parasympathetic nervous system
Online panel data, 108	(PSNS), 55
Openness as moderator between	"Passive" emotion, 196
feeling bored and	Perceived quality of employee
managers' DMC, 198-199,	coaching relationship scale
212	(PQECR), 54–55, 57, 60
augmenting cognitive calculation,	Personality, 198-199, 207, 210-211
201	trait openness, 201–202, 205
effect of boredom, 208	Perspective©, 85
boredom at work, 196–197	Physical service robots, 28–29
contextual relevance of DMC, 201	Physician health, 72
correlations between emotions/	Physiology©, 85
moods, 206	Pick-A-Mood instrument
decision-making, 197–198,	(PAM instrument), 205
199–200	Platform economy, 14
descriptive statistics for study var-	Play©, 85
iables, 206	Pokémon GO game, 20
discussion, 209–213	Positive Affect Negative Affect
emotion bored, 200–201	Schedule (PANAS), 85, 87
effect of excited on risk	Positive customer emotions, 129
perceptions, 209	Positive emotion, 115–116, 174–175
limitations, 213	Positive emotional attractor (PEA),
literature review, 196–202	55
methods, 202–206, 203, 204	Positive emotional climate, 156–157,
moderation model of confidence,	166
207	Positive organizational scholarship,
moderation models of risk	174
perception, 208	Positive psychology, 73
personality, 198–199	Positive work relationships, 177–180
personality trait openness, 201–202	Positivity, 154–155
practical implications for retail organizations, 212–213	Post-acquisition integration process, 4–5

Index 253

Postacquisition integration, 154, 155–156, 158–159	Robot Manipulators: Mathematics, Programming, and
PrEmo instrument, 204–205	Control, 29
Psychological androgyny, 4, 140	Robotics, 28
Bem Sex Role Inventory scores, 145	Robots. <i>See also</i> Service robots, 28, 31 Root-mean-square error of
demographic details, 145	approximation (RMSEA),
and doctor-patient interaction,	182–183
140–141	
in Indian doctors, 138-139	Samsung Gear VR, 21
and interpersonal competence,	Self-determination theory, 73
141–142	Self-service, 12
measures, 143–145	Sentiment analysis, 13–14, 109
method, 142–145	tools, 109–110
participants, 142–143	SentiStrength, 110
procedure, 143	Service robots, 28–30
Psychological capital (PsyCap), 87	capabilities and design attributes,
Psychological Capital Questionnaire	34–35
(PCQ), 85, 87	frontstage or backstage, 31-34
Psychological stress, 77	importance, 35–37
Purpose in life, physiological well-	insights and directions for future
being, play activities, pain,	research, 40-44
perspective (5P Model of	in organizations, 29–30
Wellbeing©), 86	service settings and, 30-35
Purpose©, 85	trust, 39–40
	Servicescape model, 34–35, 40–41
Qualitative overload, 196, 201	Shared vision, 55
Qualitative underload, 196	6-point frequency scale, 144
Quality of life (QOL), 71	Smartphone applications, 13
Questionnaire-and-experiment study,	Social capital, 231
12	Social distance
	effects of leaders' emotion display
"Recurring positive experiences", 179	and social presence, 72–73
Recursive Neural Tensor Network	leaders' emotion effects on, 70
model (RNTN model), 109	Social robots, 13, 29–30
Relational climate, 53–55	Socialization, 155–156
Relational Climate Scale/Survey	Socially assistive robots (SAR), 13
(RCS), 53–54, 57	Socially disengaging emotions, 76
Relational energy, 56, 62	Socially engaging emotions, 76
Reputation, 234–235	Soft skills, 16
Retail organizations, practical impli-	Standardized root-mean square
cations for, 212–213	residual (SRMR), 182-183
Robo-Sapiens, 35	Stanford tool, 110

State Rating©, 84
Stress, 77–78
Structural equation modeling (SEM), 59, 182
Succession, 225–227
Suicidal ideation, 80–81
Symbolic interactionist approach (Schein), 53–54

Technologically altered realities, 20
Telephone conferences, 70
Text emotion mining, 14
Text Sentiment Analysis, 14
Theory-based themes, 159–160
Thinking robots, 35
Touch integration, 21–22
Traditional focus of therapy-based interventions, 74
Travelocity, 12
Trust, 39–40
Tucker Lewis index (TLI), 182–183
Two-dimensional valence/activation continuum, 211

Uncertainty-activated emotions, 210–211 Under/overconfidence, 206 Unstructured Data (UD), 108-109

Valence-activation approach, 179
Validation research, 129–130
Value assessment, 197–198
Virtual headsets, 21
Virtual reality (VR), 20, 70, 74
examples, 20–21
measuring and changing emotionrelated phenomenon, 21–24
ways emotions researchers and
practitioners, 24–25
Virtual service robots, 28–29
Vorwerk cases, 222–223

Well-being, 72
of medical students and doctors,
71–72
mental model, 75–76
unpacking well-being issues for
medical students and
doctors, 76–84
Work relationships, 5
negative emotions in, 174–177
World business council for sustainable
development (WBCSD),
218