# Index

## A

ABC (American Broadcasting System):  
- best customer experience practices, 144–148  
- ESPN, merger of sports division, 146  
- iPad App, 146–148  
- television programs, 145–146  
- Accelerated Darwinism, 10–13, 53  
- ACSI. See American Customer Satisfaction Index (ACSI)  
- Affeciva Inc., 163, 164  
- Al Fayed family, 143  
- Amazon, 57, 60  
  - Amazon Prime, 57, 60, 127  
  - best customer experience practices, 123–128  
  - big data and, 169  
  - customer complaints, 127–128  
  - ForeSee analysis of, 124–127  
  - Fulfillment by Amazon, 127  
  - Kindle, 124  
  - Kindle Fire, 123  
- American Broadcasting System. See ABC (American Broadcasting System)  
- American Customer Satisfaction Index (ACSI), 2, 224, 258  
- American Express, 19  
- Analytics, future of, 157–170  
- Apple, 19, 35–36, 60, 169  
  - satisfaction, information collection on, 174, 177  
- Arledge, Roone, 145  
- Arthur and Fraser. See House of Fraser  
- Arthur & Co. See House of Fraser  
- Arthur, James, 142  
- Ascension Health, 19  
- Astral Sports and Leisure, 143  
- AT&T, 55, 63  
- Au Bon Pain, 133  
- Axe, 63  
- Axelrod, David, 9

## B

Ballantine, John, 134–135  
- Banks, top seven American, 192, 193  
- Bauer, Eddie, 136–139  
- Baugher Group, 141, 143  
- Beane, Billy, 7–8, 158  
- Behavioral data, Customer Experience Measurement Ecosystem, 98–100  
- Behavioral metrics:  
  - bounce rate, 111–112  
  - Customer Experience Measurement Ecosystem, 92, 111–115  
  - customer feedback metrics, 114–115  
- exit rate, 111–112  
- false negatives, 113–114  
- false positives, 113–114  
- mother's love syndrome, 115  
- multichannel customer, measurement of, 92  
- page exit ratio, 111–112  
- shopping cart abandonment, 112–113  
- Benchmarking:  
  - Net Promoter Score (NPS), 40  
  - Word-of-Mouth Index (WoMi), 39  
- Berlin Wall, 1  
- Best Buy, 57  
- Best customer experience practices, 123–156  
  - ABC (American Broadcasting System), 144–148  
  - Amazon, 123–128  
  - approaches, overview, 156  
  - customer products company, 152–154  
  - Eddie Bauer, 136–139  
  - generally, 155–156  
  - government agencies, 135–136  
  - House of Fraser, 141–144  
  - insurance company, 154–155  
  - multichannel retailers, 149–152  
  - new store programs, impact based on customer experience, 148–149  
  - Nutrisystem, 139–141  
  - Panera bread, 133–135  
  - Word-of-Mouth Index (WoMi), 149–155  
  - Zappos, 128–132  
- Bezos, Jeff, 123–127  
- Biakabutuka, Tshimanga, 102  
- Big data, 157–170  
  - customer experience analysis, 170  
  - *Datafication*, 161  
  - defined, 158  
  - gathering data, 168  
  - innovation and, 169, 170  
  - McKinsey study, 162, 163  
  - overview, 162–164  
  - small business, role in, 163, 164  
  - trap of, 168, 169  
  - value, creation of, 165  
  - variety, 159–161  
  - velocity, 161, 162  
  - volume, 158, 159  
- Blogs, corporate, 132  
- Bluefin Labs Inc., 164  
- Boston Red Sox, 7  
- Bottner, Stephanie, 71–72  
- Bounce rate, behavioral metrics, 111–112  
- Bradshaw, Terry, 140
purchased loyalty, 57–58
restricted loyalty, 59–60
true loyalty, 60–62
Customers as experts, forgetting, 209, 210
Customer satisfaction, 2–4
  brand-level customer satisfaction model, 81
  contact center customer satisfaction model, 84
  customer experience, differences, 73–74
  mobile customer satisfaction model, 89
  store customer satisfaction model, 86
  top companies, information collection on, 173–200
  website customer satisfaction model, 88
Customer upsell, 53, 160

D
Daily Reporter, 87–89
Daisy Chain, 86–87
Datafication, 161
Delivering Happiness (Hsieh), 130–131
Detractors:
  Net Promoter Score (NPS), 16–17, 24–27, 37–40, 43–44, 46–47
  overstatement, calculation of, 174–176
  true detractors, 201, 202
D. H. Evans Oxford Street Store, 142
Dias, Lisa, 126
Discouragement, recommendations and, 201–206
Disney, Walt, 145
  Walt Disney Company, 144
Drivers of business success, 53–72
  common threat, 70–72
  conversion rate, 64–70
  customer intent, 64–70
  customer retention, 53, 56–52
  customer upsell, 53, 160
  marketing-driven customer acquisition, 53, 62–64
  true conversion rate, 67–70
  word-of-mouth driven customer acquisition, 53, 64–70
Dunkin’ Donuts, 60

E
Economist, 124
Eddie Bauer:
  best customer experience practices, 136–139
  Eddie Bauer’s Tennis Shop, 137
  touch points, 138–139
ESPN, 146
ESPN.com, 103
Exit rate, behavioral metrics, 111–112
Expectations, 74–75
Facebook, 132, 159
Factor analysis, prescriptive and prognostic capabilities (ForeSee model), 245–246
False negatives, behavioral metrics, 113–114
False positives, behavioral metrics, 113–114
Faria, Jason, 51
Feedback:
  customer feedback metrics, 114–115
  and measurement, confusion between, 212–214
Feinberg, Eric, 105–111
Financial services:
  17 mobile financial services sites and apps, satisfaction, 197, 198
5-point scales, ForeSee measure and model analysis methods, 252
Five 9s, 2
Flickr, 159
Focus groups, 116
ForeSee, 2–4. See also Measurement and model analysis methods (ForeSee)
ABC (American Broadcasting System), 147–148
Amazon, analysis of, 124–127
cause-and-effect models, 45
on Customer Experience Measurement Ecosystem, 97, 105, 117
Eddie Bauer and, 138–139
House of Fraser, 144
“likely to recommend” measurement, 21
multichannel customer, measurement of, 90
Nutrisystem, 141
satisfaction, research to collect information, 173–200
true conversion rate, 68
Word-of-Mouth Index (WoMi), independent research, 40
ForeSee Mobile Satisfaction Index: Retail Experience, 110
ForeSee Online Retail Satisfaction, 23, 125
Forrester Research, 18
Fornell, Claes, 2, 224
Fortune, 124, 130
Fortune 500 companies, 157
Four drivers of business success. See Drivers of business success
Foursquare, 159
Fraser, Hugh, 142
Fraser, Hugh II, 142
Fraser, Hugh III, 142
Fraser, James, 142
Fraser, John, 142
Freed, Larry, 71
Friedman, Thomas, 1
Friends (tv show), 100

Index
Future outcomes, prognosis of, 247–250
Future revenue, prognostic power of customer satisfaction on, 248

G
Gaming the system, 214, 215
Generalized structured component analysis schematic, 239
General Mills, 138
Ginger.io Inc., 164
Gmail, 54
Goldenson, Leonard, 145
Good Morning America, 63
Google, 1, 53–54, 60, 161, 162
Google Maps, 54
Google Plus, 54
Government agencies, best customer experience practices, 135–136
Great Recession, 60, 133
Growth, lack of:
   Net Promoter Score (NPS), 27–28
GSCA computation, 245

H
Haley, Alex, 145
Harvard Business Review, 15, 18, 124
Harvard Business School, 133
Hayes, Bob, 29
Heuristic reviews, 116
House of Fraser:
   best customer experience practices, 141–144
   customer experience, consistency of, 143–144
   early years, 142–143
HouseofFraser.co.uk, 143
Hrebiniak, Lawrence, 133
Hsieh, Tony, 128–132

I
IBM, 63
iMicro, 85–86
iPad App, ABC (American Broadcasting System), 146–148
Impacts versus importance, 238–242
IMRG Experian Hitwise Hot 100 Retailer list, 184
Inc. Magazine, 18, 132
Information:
   incomplete information, drawing conclusions from, 207
   insufficiency, Net Promoter Score (NPS), 28–29
Initial client testing, Word-of-Mouth Index (WoMi), 41
In-store behavior analysis, 167
In-store observations, 117
In-store purchase probabilities, 249
Insurance company, best customer experience practices, 154–155
Interbrands 2012, 176
Internet, convenience loyalty and, 58–59
Internet Retailer Magazine’s 2012 Top 500 Guide, 177
Internet Social Security Benefits Application website, 135
Intuit, 19
IPET, 63–64

J
Jobs, Steve, 124

K
Kano model of customer satisfaction, 259–260
Keep-it-simple approach, 218, 219
Kensington, Tim, 29
Key Performance Indicators (KPIs), 9, 97, 100
   Customer Experience Measurement Ecosystem, 118
Kindle, 124
Kindle Fire, 123
KPIs. See Key Performance Indicators (KPIs)

L
Lab as reasonable substitute, assumption of, 208, 209
Lab, usability in, 115–116
Later client testing, Word-of-Mouth Index (WoMi), 41–43
Leotte de Rego, Lopo, 29–30
Lewis, Michael, 7, 158
Likelihood to discourage, Word-of-Mouth Index (WoMi), 36
Lin, Alfred, 128–129
LinkedIn, 159
LinkExchange, 128
Listening sessions, 117
Location-based marketing, 167
London Stock Exchange, 142
“A Longitudinal Examination of Net Promoter and Firm Revenue Growth” (Kensington et al), 29
Looking forward, failure, 208
Loyalty, 56

M
Madden, Steve, 130
Margin of error, Net Promoter Score (NPS), 22–23
Marino, Dan, 140
Maritz Inc., 29
Marketing-driven customer acquisition, 53, 62–64
Math, faulty, 215, 216
Mayer-Schoenberger, Viktor, 161, 162
McDonald’s, 54–55, 60, 63, 74, 134
Index

McKinsey, 162, 163
McLaren, Alexander, 142
McPherson, Stephen, 145
Mean squared correlations

10-point scales, ForeSee measure and model analysis methods, 254–257
Measurement and model analysis methods (ForeSee), 221–267
attitudinal evaluation, 224
benefits received, 225
cause-and-effect network of measures, 224
construct validity, 232–233
data capturing, 226
data refining, 226
distinctions between individuals, 231
essential questions, 223–224
5-point scales, 252
future behavioral intentions, 224
intelligence, measurement of, 233
introduction, 221–223
knowledge sharing, 227
measurement error, 232, 234
model of cause-and-effect linkages, 224
multiple-item measure, 231–232
multiple-item measures, measurement error for, 234
performance, perceptions of, 224
precision and power, differences, 235–236
prescriptive and prognostic capabilities, 238–251 (See also Prescriptive and prognostic capabilities (ForeSee model))
products or services, 233
quality measure, characteristics of, 228
reliability, 227–229
sensitivity, 229, 237
single-item measures, measurement error for, 234
specificity of individual items, 230–231
technology platforms, 226–227
10-point scales, use of, 252–267 (See also 10-point scales, ForeSee measure and model analysis methods)
theoretical framework, 224–226
validity, 228–229
voice of the customer (VOC), 230
Measurement mistakes, 11 common, 207–219
causation and correlation, confusion between, 210–212
customers as experts, forgetting, 209, 210
failure to look forward, 208
feedback and measurement, confusion between, 212–214
gaining the system, 214, 215
incomplete information, drawing conclusions from, 207
keep-it-simple approach, 218, 219
lab as reasonable substitute, assumption of, 208, 209
math, faulty, 215, 216
proxy, measurement by, 216–218
sampling problems, 215
Messina, Jim, 8
Michigan, University of, 2, 21–22, 77, 100–102, 224
Michigan Wolverines, 102
Microsoft, 128
MIT Media Lab, 159, 164
Mobile complexity:

Customer Experience Measurement Ecosystem, 104–111
Mobile Context, Location and Intent, 105–111
mobile experience, 108
Mobile Context, Location and Intent, 105–111
Mobile customer satisfaction model, 89
Mobile experiences, measuring customer experience with, 89–90
Model analysis methods. See Measurement and model analysis methods (ForeSee)
Model of cause-and-effect linkages, 224
Momentum, 55
Monday Night Football, 145–146
Moneyball (Lewis), 7, 158, 170
Morgan, Neil, 29–30
Moss, Frank, 159
Mother's love syndrome, behavioral metrics, 113
Multichannel customer experience, analyzing, 168
Multichannel customer, measurement of, 90–95
behavioral metrics, 92
purchase, meaning of, 91
Voice of Customer measurement, 92
Multichannel retailers, best customer experience practices, 149–152
Multicollinearity problem, prescriptive and prognostic capabilities (ForeSee model), 245–247

N
Nasdaq, 62–63
NBC, 144–145
NBC Blue Radio, 144
Negative word of mouth, 37–38
Neiman Marcus, 167
Net Promoter Score (NPS), 4
accuracy issues, 22
benchmarking, 39
Bottner, Stephanie, interview, 71–72
Castano, Mario interview, 121
Chapman, Josh, interview, 93–94
continuing implementation, 45–46
customer experience 2.0 and, 5–6, 9
customer experience and, 84
customer products company, 152–154
Net Promoter Score (NPS) (continued)
described, 15–19
discouragement, recommendations and, 201–206
flaws, 21–31
growth, lack of, 27–28
information, insufficiency, 28–29
insurance company, 154–155
margin of error, 22–23
multichannel retailers, 149–152
oversimplification, 23–24
overstatement of detractors, 37–40, 43–44, 46–47
passives, 16
positive word-of-mouth and negative word-of-mouth, distinguishing between, 34–37
promoters, 16
promoters and detractors, 38
recommendations, discouragement and, 201–206
satisfaction, information collection on, 173–200 (See also Sat isfaction, information collection on)
score, determining, 17
simplicity, 29–31
Word-of-Mouth Index (WoMi), 21–31
Word-of-Mouth Index (WoMi), score differences, 44
Word-of-Mouth Index (WoMi), superiority of, 38
Word-of-Mouth Index (WoMi), use with, 48–52
Netscape, 1
New York Times, 1, 8
New York Yankees, 7, 9
Niemi, William, 137–138
Nikon, 121
Nordstrom, 75
NPS. See Net Promoter Score (NPS)
Nutrisystem:
best customer experience practices, 139–141
customer analysis, 141
O
Oakland Athletics, 7–8
Obama, Barack, 8, 9
Observation, Customer Experience
Measurement Ecosystem, 115–117
Online retailers, satisfaction:
online retailers (U.K.), top 40, 184, 190–192
top 100, U.S., 177–189
Online usability tests, 116
Osmond, Marié, 140
Oversimplification, Net Promoter Score (NPS), 23–24
Overstatement of detractors:
calculation of, 174–176
Net Promoter Score (NPS), 37–40, 43–44, 46–47
P
Page exit ratio, behavioral metrics, 111–112
Panera bread, 133–135
customer experience, 134–135
Passives, Net Promoter Score (NPS), 16
People magazine, 63
Performance:
key performance indicators, 118
measuring, customer experience and, 79–80, 118
“The Value of Different Customer Satisfaction and Loyalty Metrics in Predicting Business Performance” (Morgan and Leotte de Rego), 29–30
Picard, Rosalind, 164
Point-of-sale transactional data, 166
Positive word-of-mouth and negative word-of-mouth, distinguishing between, 34–37
Prescriptive and prognostic capabilities (ForeSee model), 238–251
conjoint analysis, 246
correlation and slope, 241
factor analysis, 245–246
future outcomes, prognosis of, 247–250
future revenue, prognostic power of customer satisfaction on, 248
generalized structured component analysis schematic, 239
impacts versus importance, 238–242
in-store purchase probabilities, 249
multicollinearity problem, 245–247
standardized versus unstandardized impacts, 242–244
stepwise regression, 246
technology implementation, elements of, 250–251
Website CSI, prognostic power to forecast in-store purchase probabilities, 249
Promoters, 16
Promoters and detractors, 38
Proxy, measurement by, 216–218
Purchased loyalty, 57–58
Q
Quality of life (QOL) measures, 267
Quick-Casual market, 134
Quick-Serve market, 134
Quincy House Grille, 128
Quirk’s Marketing Research Review, 29
QVC, 140

280

Index
Radio-frequency identification (RFID), 166
Recommendations, discouragement and, 201–206
least likely to recommend, 202, 203
low likelihood to recommend, 203–206
Reichheld, Frederick, 15–18
Restricted loyalty, 59–60
Rest Well, 89–90
Retail, big data and, 165–168
cross-selling, 166, 167
customer microsegmentation, 167
in-store behavior analysis, 167
location-based marketing, 167
multichannel customer experience, analyzing, 168
point-of-sale transactional data, 166
radio-frequency identification (RFID), 166
sentiment analysis, 167
Retailers, satisfaction of
top 25 mobile retail sites and apps, 195–197
top 29 (U.S.), 193, 194
Retailers, satisfaction of online
top 40, U.K., 184, 190–192
top 100, U.S., 177–189
Retention of customers. See Customer retention
Rewards Zone, 57
Reynolds, Jillian, 140
ROI:
customer experience, 80–81, 83
measurement and model analysis methods (ForeSee), 223
Romney, Mitt, 8
Rotisserie League, 61
Rove, Karl, 8
Sabermetrics, 8
Sampling problems, 215
Samsung, 63
Satisfaction, information collection on, 173–200
banks, top seven American, 192, 193
online retailers (U.K.), top 40, 184, 190–192
online retailers (U.S.), top 100, 177–189
overstatement of detractors, calculation of, 174–176
retail stores, top 29 (U.S.), 193, 194
17 mobile financial services sites and apps, 197, 198
top 25 mobile retail sites and apps, 195–197
25 mobile travel sites and apps, 199, 200
Seinfeld (tv show), 100
Sentiment analysis, 167
Session replays, 116
Shaich, Ron, 133–134
ShoeSite. See Zappos
Shopping cart abandonment, 112–113
Silver, Nate, 8
Simplicity, Net Promoter Score (NPS), 29–31
Single- versus multiple-item measures
10-point scales, ForeSee measure and model analysis methods, 260–265
Six Sigma, 2
Small business, big data and, 163, 164
Smith, Roland, 143
Smolan, Lindsey, 128
Social media, 159
Zappos, 132
Social Security Administration, 135
Southwest Airlines, 19
Standardized versus unstandardized impacts: prescriptive and prognostic capabilities (ForeSee model), 242–244
Starbucks, 60
Stengel, Casey, 9
Stepwise regression, 246
Stewart & McDonald Ltd., 142
St. Louis Bread Co., 133
Store customer satisfaction model, 86
Stores, measuring customer experience in, 86–87
Success, drivers of. See Drivers of business success
Super Bowl, 63
Survey, responses to questions by individuals, 263–266
Swinmum, Nick, 128–29
Tablet browsing, 110
Technology implementation, elements of, 250–251
Television, 100
ABC (American Broadcasting System), programs, 145–146
Temkin Group, 18
10-point scales, ForeSee measure and model analysis methods, 252–256
American Customer Satisfaction Index (ACSI), 258
criteria for evaluating scales, 254
information content, 254
Kano model of customer satisfaction, 259–260
mean squared correlations, 254–257
quality of life (QOL) measures, 267
research evidence, 266–267
responses to questions in survey by individuals, 263–266
single- versus multiple-item measures, 260–265
three indicators of customer satisfaction, use of, 257–260
3M, 169
Time, 124
Top companies:
satisfaction, information collection on,
173–200 (See also Satisfaction, information collection on)
Torre, Joe, 9
TQM (total quality management), 2
Travel sites:
25 mobile travel sites and apps, satisfaction, 199, 200
True conversion rate, 67–70
table describing, 69
True detractors, 201, 202
True loyalty, 60–62
TV Genome, 164
Tweed, Boss, 9
Twitter, 132, 159

U
The Ultimate Question, 18
Upsell, 62
Usability:
audits, 116
Customer Experience Measurement
Ecosystem, 115–117
U.S. Army Air Corps, 137
USA Today, 63
U.S. News & World Report, 124
Utilities, restricted loyalty and, 59

V
Value, big data and, 165
“The Value of Different Customer Satisfaction
and Loyalty Metrics in Predicting
Business Performance” (Morgan and
Leotte de Rego), 29–30
Venture Frogs, 128–129
Voice of the customer (VOC), 92, 230

W
Wall Street Journal, 160
Walmart, 166
Walt Disney Company, 144
Website CSI, prognostic power to forecast
in-store purchase probabilities, 249
Website customer satisfaction model, 88
Websites, measuring customer experience
on, 87–89
West, Adam, 145
Wharton Business School, 133
Wikipedia, 103
Williams-Sonoma, 168
WoMi. See Word-of-Mouth Index (WoMi)
Word-of-mouth driven customer acquisition,
53, 64–70

Word-of-Mouth Index (WoMi), 4, 13, 31,
33–52
benchmarking, 39
best customer experience practices,
149–155
Bottner, Stephanie, interview, 72
Castano, Mario interview, 121
Chapman, Josh, interview, 94–95
continuing implementation, 45–46
customer experience and, 84
customer products company, 152–154
discourage questions, testing results, 43
ForeSee independent research, 40–41
improvement to NPS, 34
initial client testing, 41
insight provided by, 34
insurance company, 154–155
later client testing, 41–43
likelihood to discourage, 36
multichannel retailers, 149–152
negative word of mouth, 37–38
NPS, score differences, 44
NPS, use with, 48–52
positive word-of-mouth and negative
word-of-mouth, distinguishing between,
34–37
proactive data, 34
promoters and detractors, 38
recommend and discourage scores, 44–45
research approach, 38–43
satisfaction, information collection
on, 173–200 (See also Satisfaction, information collection on)
single score provided by, 33–34
superiority over NPS, 38
testing results, 43–44
The World is Flat (Friedman), 1
Wylie & Lochhead, 143

Y
Yahoo!, 60
YouTube, 132, 159

Z
Zappos, 128–132
best customer experience practices,
128–132
corporate culture, 131
core values, 131
Culture Book, 131
Delivering Happiness (Hsieh), 130–131
earnings, 130
social media, 132
Zehr, Gregg, 124
Zero Defects, 2

282

Index