Index

17 decision success factors 76–7, 132–3, 135
classification of decisions and 105–13
first round findings 84–101
logit model 113–24, 132
ordered logit model 125–31, 132
Pearson correlation coefficients 135, 137

Adams, R. 56
advisory committees 169–70
agents’ freedom to make decisions 80
Agle, B.R. 97
Airbus A 380 188
Ali, R. 93
Almeida, H. 56
Amazon 94, 95, 96, 97
Ampex 5
Anderson, T. 59
Apple 2, 94, 97, 99, 146
Arthur Andersen 75
artificial intelligence 190–1
assumptions of the process model 80–1
automobile industry 2, 39, 94
Bain & Company 176–7
Barnard, C. 37
Baum, J.R. 57, 96
Bausch, A. 93–4
behavioral decision making 4
Benson, G. 57
Bezos, J. 97
Bhagat, S. 57–8
biases 43–4
champion bias 34
judgmental bias 50–1
Black, B. 57–8
blind sip taste tests 103, 104
board of directors 57–8, 60, 77, 111, 133, 169, 171
correlations 135–8
exploratory factor analysis 141, 147–8, first round findings 92, 97, 98
ordered logit model 125, 126, 127, 130, 131, 132, 149, 151–2, 153
simple logit model 116,
Boeing 2
border trade 199–200
bounded rationality 38
brand loyalty 93
Brinkmann, J. 93–4
Brown, L. 58–9
Brynjolfsson, E. 64
Bughin, J. 96
Burling, I. 157
business analytics 186–8
business level 10, 11
business units 59–60
resource sharing see resource sharing
CAGE framework 200
calibration of instruments 17, 18
capital power 184
Caporn, N. 96
Carnegie Model 40
case studies 85–8, 98, 99, 101
summary information 88–92
Cattell’s scree method 138, 139
Caylor, M. 58–9
centralization 198, 199–202
CEO attributes 55, 77, 112, 127
correlations 135–8
first round findings 92, 97, 98
simple logit model 116, 123
CEO autonomy 77, 112–13, 133, 146
correlations 135–8
ordered logit model 127, 130–31, 132
simple logit model 116
CEO effect 54
CEO pay 54–5, 77, 111–12, 127
correlations 135–8
simple logit model 116
CEO tenure 53, 140
logit model 142, 143, 146, 153
ordered logit model 149, 150, 153
CEOs 6, 33, 36, 42, 43, 51–6, 67–8, 171
high performance companies 54–6
perspectives on performance 51–4
Chamberlain, A. 62
champion bias 34
chief executive officers see CEOs
choices 4, 22–3, 81
Christensen, H.K. 58
cobras 5
Coca-Cola 93, 96, 103–4, 105
Collins, J. 51
commitment to ethics 60–1, 76, 106–7, 127
correlations 135–8
first round findings 92, 93, 98
simple logit model 116, 117–18
common grammar 19
communication 186, 193
compensation, CEOs’ see CEO pay
competition 55, 64, 77, 109–10, 127
correlations 135–8
first round findings 92, 96, 98, 99
simple logit model 116
competitive analysis 188–91
computer-based decision making
39–40, 190–91, 200–2
concealed decisions 75, 161–2
conclusions 21, 155–67
learning orientation 160–6
model revision 166
reconciling short-term and long-term performance measures 157
strategic orientation 159–60
unexpected findings and 157–9
consciousness 191
consulting agencies 159
consumer empowerment 185–6
continuous decision making 187–8
continuous process-based production 204
continuum of decisions 163–4
Cook, T. 97
corporate culture 62
of sound decision making 177–80
corporate governance 58–9, 77, 111, 171
correlations 135–8
exploratory factor analysis 140, 141, 144, 147–8, 149, 152, 153
first round findings 93–8
ordered logit model 127, 149, 151–2, 153
simple logit model 116
corporate histories 85–6
corporate level decisions 11, 29
cost–benefit analysis 174, 175
cost-cutting strategies 119
cost–effectiveness analysis 174, 175
Countrywide 122
Crook, T.R. 95
Crossfield, S. 191
cruise ships 187–8, 204
culture 198–9
corporate decision making 62, 177–80
current performance measurement 203
customer relationship management (CRM) 40
customers
empowerment 185–6
focus on 100
profiles of 186–7
views 165
Dalton, D. 58
data-driven decisions 64, 77, 110, 133
correlations 135–8
first round findings 92, 96, 98
ordered logit model 127, 129, 130, 132
simple logit model 116, 121, 132
de Wet, J. 60
decentralization 192, 194, 198, 199–202
deception 34, 75
decision advisers 178
decision condition for human actions 38
decision makers 6
decision making
avoiding and delaying 5
Carnegie Model 40
challenges to rational decision making 35–6
changes in 195–8
competitive analysis and 188–91
continuous process 187–8
data sources 82–3, 84–8
defining 3–4
evolution of corporate decision making 36–40
evolutionary and historic roots of 8–9
future of 186–202, 203–4
levels 10–11, 29–30
literature on 34–5
merged with performance measurement 203–4
and planning 16, 26, 36, 41
practical advice 30
in practice 41–4
problems with 13–15
process 6–7, 33–4
risk taking and 5–6
steps of 15–16, 23–5
decision making culture 177–80
decision making tools 172–7
financial analysis tools 173–4, 175
limitations 174–7
decision speed 57, 77, 110, 113, 127
correlations 135–8
first round findings 92, 96, 98
simple logit model 116, 121–2
decision support 190
decision trees 173–4, 175
decisional roles 25–6
decisions 9–10, 20, 22–45
see 17 decision success factors
considerations in modeling 74–9
levels of 10–11
link with performance 3, 13
manager roles in 25–6
medium and large firms 32–3
number of 27
small firms 31–2
strategic plans and 16, 26
types of 28–30, 162–3
Dell Computers 97, 122, 186
demand 185
Deming, H.E. 161, 179
Dess, G. 50
digital photography 104–5
discussion 81
dispute resolutions 166
distortions of reality 34
distribution 170
disturbance handler role 25
diversification 58, 62–3, 119
diversity, workforce 184–5, 193
Dun and Bradstreet reports 49
Eastman Kodak 104–5
Eccles, R. 18–19
economic factors 78–9
economic man 38
Einstein, A. 73
emotions 166, 191
employee quality 100
employee satisfaction 52, 62, 76, 108, 133
correlations 135–8
first round findings 92, 95, 98, 99–100
ordered logit model 127, 129, 132
simple logit model 116
Enron 75, 161, 167
entrepreneurial decision role 25
environmental factors 57
Epstein, L. 62
ethical reputation 141, 145, 148
ordered logit model 149, 152, 153
ethics 60–1
commitment to see commitment to ethics
evaluation and feedback 24
evolution of corporate decision making 36–40
existential structural emergencies 82
expert systems 190
exploratory factor analysis 138–53
Exxon 2
Facebook 121, 186–7
factory system 37
fair value accounting 49
Farley, J.U. 96
Ferreira, D. 56
financial analysis tools 173–4, 175
financial measures 18–19
financial reports 1–2, 49–50, 85–6, 157
Finegold, D. 57
firm’s prior performance see prior performance
first round findings 20, 84–102
17 factors 87, 92–100
data sources 84–8
single most important factor 87–8, 100
summary information on interviews and cases 88–92
fishbone diagram 17, 18
Fisher, J. 59–60
flatter organizations 194
Floyd, S. 56–7
food services 185–6
Ford, H. 2
Ford Motor Company 43, 117–18, 119
Frick, W. 53–4
Friedman, T. 199
functional areas 176
functional level 11
future, the 21, 182–205
business analytics 186–8
centralization and decentralization 198, 199–202
changes in decision making 195–8
changes in work 192–4
competitive analysis and decision making 188–91
culture and decisions 198–9
past trends and 183–6
performance measurement 202–4
Garbuio, M. 41–2
Gartner Inc. 186
General Motors 94, 198
generally accepted accounting practices (GAAPs) 14, 49
general change 193
Ghemawat, P. 199–200
Gillette 93
Gladwell, M. 35
globalism 195–200
goals of decision making 41
Gootman, E. 77
governance see corporate governance
government regulation 79
Govindarajan, V. 59–60
Great Depression 117
group decision making 8–9
Halberstam, D. 39
halo effect 50–1
Halper, F. 189–90
Hambrick, D.C. 98–9
Hammond, S. 61
Harrington, M. 183
Harter, J.K. 95
Hawthorne experiments 17
Hayes, T.L. 95
Heekyung, K. 64
Heisenberg effect 17
hierarchical organizations 194
high performance companies 54–6
Hill, C. 61
Hitt, L. 64
Hoerig, S. 96
Hofer, C. 11, 178
homeworking 192, 194
Horowitz, B. 52
Hubble Space Telescope 17
human needs 8
human resource management (HRM) 61–2, 76, 108, 109, 127
correlations 135–8
first round findings 92, 95, 98, 99–100
simple logit model 116, 120
hunch playing 81, 171–2
Huselid, M. 61–2
Iacocca, L. 43
IBM 2, 158
impact of prior performance see prior performance implementation 14, 24, 81
incrementalism 39
indecisiveness 15
individual blame 179–80
individual learning 160
individual-level decision making 10–11
individualization 186
information sources 82–3, 84–8
informational roles 25
innovation 61, 76, 107, 127, 156
correlations 136–8
first round findings 92, 93–4, 98, 99
simple logit model 116, 118
intensity of activity 43
international businesses 195–200
International Financial Reporting Standards 49
Internet 40, 182, 195
interpersonal roles 25
interview guide 87
interviews 85–8, 98, 99–100, 101, 164–6
summary information 88–92
intuition 28, 30
investor community 10, 157
Janis, I. 172
job tenure 193
Jobs, S. 2, 94, 97, 99, 146
joint impacts 131, 132, 133
exploratory factor analysis 138–53
Pearson correlation coefficients 135–8
judgmental bias 50–1
Kahneman, D. 35–6
Kaiser criterion 138
Kang, J. 60
key findings 20, 103–34
classification of decisions and the 17 factors 105–13
logit model 113–24, 132
ordered logit model 125–31, 132
kings’ charts 8
Knight, P. 118
Kodak 104–5
Kozlowski, D. 75
labor effectiveness 139, 140, 166
logit model 142, 145–6, 153
ordered logit model 148–50, 153
Larcker, D. 55
Lay, K. 75
lean manufacturing 95
learning orientation 160–66
legal system 8
levels of decision making 10–11, 29–30
Liang, T.P. 95
Likert scale 124–5
interviews and case studies results 89–91
ordered logit model 125–31, 132
principal components ordered logit model 148–53
Limbach, P. 53
Lindblom, C. 38–9
Liu, C.C. 95
logit model
ordered 125–31, 132, 148–53
principal components 142–8, 153
simple subjective 113–24, 132
Long Term Capital Management (LTCM) 96
long-term effects of decisions 89–91
Lovallo, D. 33–4, 41–2, 43–4
luck 36, 55, 68
Mackey, J. 52
Madoff, B. 93, 118, 161, 166–7
Maher, M. 59
management 37, 38
manager development 156
managers’ roles in decisions 25–6
middle management see middle management
management-by-walking-around 18
management techniques 62, 76, 108–9, 127
correlations 135–8
first round findings 92, 95, 98
simple logit model 116, 120
Mankins, M. 16, 26, 27
Mann, L. 172
March, J. 180
marginal effect 114–24
Margolis, J.D. 93
market share 14
market standing 155–6
market structure 58
marketing 100
marketing/R&D 140–41
logit model 143, 146–7, 153
ordered logit model 149, 150, 151, 153
mass customization 186
Mayo, E. 17
measurability of performance 80
medium-sized firms see larger/large and medium-sized firms
Merton, R. 96
Meyer, E. 60
Decision making and business performance

MF Global 97
Microsoft 2
middle management 56–7, 77, 113, 127
correlations 135–8
first round findings 92, 98, 99, 100
simple logit model 116, 123–4
Miesing, P. 60
Mintzberg, H. 25–6
misaligned risk aversion profiles 34
misaligned time horizon 34
model data sources 82–3, 84–8
modeling 20, 72–83
aims 73–4
assumptions 80–1
initial model of decisions and performance 75–7
logit model see logit model performance and decision considerations 74–9
process for 74
process model 79–82
revised model 166
sources of information 82–3
value of a model 72–3
modes of foreign market entry 197–8
Montgomery, C. 58
Motorola 121–2
Mulcahy, A. 52
multinational corporations (MNCs) 196
Musgrave, S. 17
Myspace 121

Nair, A. 95
natural factors 78–9
negotiator role 25, 26
New Coke 93, 96, 103–4, 105
newly formed businesses 31–2
Nickell, S. 64
Nike 118
Nokia 99, 120
non-programmed decisions 28–9, 39–40
in medium and large companies 32–3
in small companies 31–2
number of business decisions 27
NUMMI plant 94
Obama, B. 22, 23
objective performance measures 50
observation 18
odds ratios 115–24
operational level 29
operations management 141
logit model 144, 147, 153
ordered logit model 149, 150–51, 153
options, choice from 4
ordered logit model 125–31, 132
principal components 148–53
organizational learning 160–66
organizational structure 62–3, 194
Orlitzky, M. 93
over-diversification 119
Panama Canal 82
pay, CEO see CEO pay
payback 173, 175
Payne, G. 57
Pearce, J. 60
Pearson correlation coefficients 92, 135–8
Pepsi 103, 104
Pepsi Challenge 103, 104
performance 1–2, 10, 20, 46–71
characteristics of 46–7
characteristics of high performance companies 54–6
considerations in modeling 74–9
data sources 85–8
factors affecting 56–63
link with decisions 3, 13
literature review 63–8
perspectives on 18–20, 51–4
standards for 47–8
performance measurement 18–19
expectations of 47–8
future of 202–4
informal 18, 155–6
issues 49–51
large number of measures 63
merged with decision making 203–4
problems in 13–15, 16–18
reconciling short-term and long-term measures 157
tradition and 63
Perot, R. 2
PEST framework 78, 200
PESTN framework 78–9, 166, 200
Index

Peters, T. 51
Peterson, S.J. 97
physical resources 156
Piketty, T. 184
planning 16, 26, 36, 41
political-legal factors 78–9
popular management techniques see management techniques
Porter’s Five Forces Model 64
power
of CEOs over boards 56
players 24–5
precise performance measurement 18
predictive analytics 189–90
principal components 138–41
logit model 142–8, 155
ordered logit model 148–53
prior performance 76, 106, 127
correlations 135–8
first round findings 92–3, 98
simple logit model 115–17
prioritization 178–9
process model 79–82
Procter and Gamble 53
programmed decisions 28, 39
propensity score 115–24
public responsibility 156
quarterly reports 1–2
Quigley, T.J. 98–9
R&D see marketing/R&D
Radio Shack 80
ratio tools 173, 175
rational decision making 24, 38
challenges to 35–6
recognition of need for decision 24
recommendations 21, 168–81
culture of sound decision making 177–80
for decision making tools 172–7
usefulness of 168–72
Reed, J. 202
regulation 79
related business firms 62–3
related-constrained firms 62–3
related-linked firms 62
reliability 17, 18
remote working 192, 194
Renjen, P. 52
reputation 61
ethical see ethical reputation
research conclusions see conclusions
research methods 84–92
data sources 82–3, 84–8
summary information on interviews and case studies 88–92
resource allocator role 25
resource sharing 59–60, 76, 107–8, 133
correlations 135–8
first round findings 92, 94–5, 98
ordered logit model 127, 128, 132
simple logit model 116, 132
return on decision investment 173
revenue recognition 49
revenues 85, 91, 155, 164–5
revised model 166
risk aversion profiles, misaligned 34
risk taking 5–6
Robinson, R. 50
root causes 17
Rosenbusch, N. 93–4
Rosenzweig, P. 29–30, 50–51
Rumelt, R. 58, 62–3
Rynes, S.L. 93
Sarbanes-Oxley Law 14
SAS Institute 95
satisficing 38
Schendel, D. 11
Schmid, M. 53
Schmidt, F.L. 93, 95
Scholes, M. 96
Scholz, M. 53
Schwabel, D. 193
scree plot 139
Sears Roebuck and Co. 94
Senge, P. 177–8
sequence 80
services 193
Shafagotva, A. 63
shared applications 39
Sherman, D. 49–50
Shkreli, M. 97, 99, 101
Sibony, O. 33–4, 43–4
Simon, H. 3–4, 15, 37–8
simple subjective logit model 113–24, 132
single most important factor 87–8, 100
Six Sigma 95
Sloan, A. 198
Slocum, J. 61
Small Business Administration 30
small electronics manufacturing 2
small firms 31–2, 81–2, 160–61, 162, 165, 168–70
Snell, S. 61
social media 185
social tradition 8
socialization 42–3
socio-cultural factors 78–9
Sorensen, L. 55
sound decision making culture 177–80
sounding boards 169–70
specific management techniques see management techniques
speed of decisions see decision speed
standardization of performance 17, 18
standards for performance 47–8
Steele, R. 16, 26, 27
steps of decision making 15–16, 23–5
strategic decisions 1–2, 7, 11–13, 80–81, 158, 179
link with performance 3
number of 27
problems in 33–4
problems with performance measurement and 13–15
timing 7
see also decision making; decisions
strategic orientation 159–60
strategic planning 16, 26
Straw, B. 62
subjective performance measurement 50
Subramony, M. 95
sunflower management 34
system 1 and system 2 decisions 35–6
systematic approach 171–2
systems analysis 37
tactical decisions 11–13, 29, 179
Tagan, B. 55
take-it-or-leave-it choice 22
Target 96
taste tests 103, 104
Taylor, D. 53
Taylor, R. 4
team effectiveness 57, 76, 107, 133
correlations 135–8
first round findings 92, 94, 98
ordered logit model 126–8, 132
simple logit model 116, 132
teamworking 11, 192–3
technological factors 78–9
technology 191, 195
temporary work 192
tenure
CEOs see CEO tenure
job 193
third-party consultants 192
thought experiments 73
time 1, 178–9
for implementation 81
time horizon, misaligned 34
timing 158, 179
Tosi, H.L. 97
total quality management 39
total quality measurement 17, 18
Toyota 2, 94, 95, 96
tracking decisions 176
CEOs’ performance records 171
tradition 8, 63
training in decision making 178
Trump, D. 23
Turing Pharmaceuticals 97
Tyco 75
types of decisions 28–30, 162–3
uncertainty 15–16, 80
underlying performance factors 20–1, 135–54
principal components 139–41
principal components logit model
principal components ordered logit model 148–53
unexpected findings and conclusions 157–9
unionization 183–4
unofficial earnings 49
validity 14
Van Looy, A. 63
VanNess, R. 60
Verschoor, C. 60–61
Viguerie, P. 41–2
Volkswagen 97
Wally, S. 57, 96
Walsh, J.P. 93
Walt Disney 99
Waterman, R. 51
wealth concentration and distribution 184, 196–7
Welch, J. 52
Western Union 2
Williams, J. 188
Wooldridge, B. 56–7

work, changes in 192–4
workforce composition 184–5, 193
World Wide Web 40, 182
Yakowicz, W. 55
You, J.J. 95
Young, S. 49–50
Zahra, S. 60