Index

1/N heuristic 108

ABC research program 122, 124, 125
Acknowledgment 122, 124, 125
Acknowledgments 122, 124, 125
activity and weight loss, see physical activity
and weight loss, intertemporal choices
adaptation decisions, farmers and climate
change 251–2, 254, 264–8
addiction, food consumption 436
adult development 147–9
advertising, and obesity 442–3
Aftab, M. 286–7
age, and taxation compliance 334–5
agents, typical 15–16
aggregate demand 35–6, 37
aggregation bias, ecological correlations
87–8
agricultural decision-making case study, see
climate change case study (farmers’
decision-making)
Ainslie, G. 496–7
Akerlof, G.A. 35, 36, 111, 238, 519, 529
Akhtar, M. 287
Alchian, A.A. 13, 15, 74–5
Alexander, R.D. 529
Allais paradox 193–4, 195
Altman, Morris 23, 24–5, 29–30
altruism 551–2
and gender 181–4
punishment 238–9, 529
and voting 545
altruistic utility 507
An, J. 286
Anderson, C.L. 254
Anderson, E. 177
Andreoni, J. 182
anthropology, behavioral economic 233–5
Kula exchange system 235–44
Apeldoorn, J. van 481–2
Ariely, D. 144
Aristotle 560
asset markets, see experimental asset
markets
Atran, S. 559
Auld, M.C. 436
Aumann, R.J. 125–6
Axelrod, R. 533
axiomatization program 61–6
Backhouse, R.E. 61, 64, 65
bad jokes model (rational mistakes) 43–52
banks, studies on x-efficiency 281–7
Baron, J.D. 214, 224
bartering 239
Bates, R.H. 82–3
Baum, C.L. 440
Baum, S. 181
Baumard, N. 561
Beach, L.R. 112
Bechara, A. 366
Becker, G.S. 3, 127, 436, 508
Beek, J. van 421
behavioral economic anthropology, see
anthropology, behavioral economic
behavioral economics
frequently referenced topics 321, 322
not a paradigm shift 64–6
principles of 68
smart decision-making, summary 1–7
Behavioral Insights Team (BIT) 324
behavioral morality 546–7
behavioral strategy 157–63, 170–71
innovation and entrepreneurship 162–3,
165–6, 167
organizational identification 158–9, 161–2,
164–5, 168
organizational routinization 159
organizational transformation 159, 166–7,
169
uncertainty 168
US Marine Corps 163–9
beliefs 494, 568–9
and culture 534
loyalty models 220–21, 226–30
overconfidence 58
and punishment 226–30
see also will, weakness and stiffness of
Bell, D.E. 196
Bellon, M. 253–4
Berg, N. 55, 56, 57, 58, 59, 65
Bewley, T.F. 35
bias-variance 55, 108, 123
biased-preferences approach 496–7
biases
behavioral strategy 160–61, 162, 163
gender 176–7, 180–81
in-group versus out-group 487
Handbook of behavioural economics and smart decision-making

unconscious 366

see also heuristics and biases approach; social interactions; will, weakness and stiffness of

Binmore, K. 561, 562
biological development 139–40
birth rates, and unemployment 86–7, 88–9
Black, D. 544
Boehm, C. 552–3
Boettke, P. J. 295
bonding 487
Borghans, L. 437
borrowing decisions, individuals and households 352–3, 356, 359–60
bounded rationality 1, 2–3, 19–21, 145, 493–4
Boyd, J.N. 416
Boyd, R. 533
brain, development of 140, 141, 145–6
Braithwaite, V. 336–7
Breaban, A. 378, 381
Brooks, D. 151
Brumberg, R.H. 394
Boyd, R. 533
brain, development of 140, 141, 145–6
Braithwaite, V. 336–7
Breaban, A. 378, 381
Brooks, D. 151
Brumberg, R.H. 394
Budig, M. 178
Burke, M. 264
business and finance
banks, studies on x-efficiency 280–87
fast and frugal heuristics 107–9
see also experimental asset markets
business cycles
and asset values 381
theory 34–5
Callender, G.S. 318
Camerer, C.F. 321, 564–5, 569
cancer screening (nudging) 110
Cantor, George 62, 63
cattalactics 71, 234
Centorrino, S. 484
central banks, and asset markets 384
centrally planned economies 78–80
Chan, S. 285
Chandon, P. 442
Chen, A. 284
Chen, T. 285–6
Chen, X. 284
children, spoiling (weakness of will) 508–10
China, banking system 280–85
Chiu, Y. 285
Choi, S. 286
choice, and cognitive theory 530
choice architecture 31–2, 323
choice x-efficiency 29–31
choice x-inefficiency 30
Chou, S.Y. 440, 443
climate change case study (farmers’ decision-making) 251–5, 268–9
methods and data 255–8
results 258–68
Coase, R. 70–71, 74, 79, 83
cognitive bounds, and behavior 127
cognitive development 138, 139, 146–7
cognitive illusions 122
cognitive reflection test (CRT), traders 378–9
cognitive theory, Hayek 526–7, 530–32, 537–8
Cohn, A. 367
Coleman, J.M. 518
colors, and priming 367
commitment 559, 561, 564
and self-control 459–61
community crime prevention (CCP) 515–16, 523–4
behavioral economics perspective 518–20
game theoretic illustration 520–23
sociological tradition 516–18
competency traps 162
COMPLIANCE (mnemonic) 327–8
compulsivity, and stiffness of will 492–3, 495–6, 503, 504
favoritism 507
pornography 511
shirking 504
slackening 506
spoiling children 509–10
confidence-biased beliefs, see will, weakness and stiffness of consequentialist ethic 566
Consideration of Future Consequences (CFC) scale 416–17, 421, 422–4
consumption 392–5
behavioral economics elements 395–6
consumption-savings model 396–405
inefficiencies 29–34
norms, and obesity 443–4
rationality and efficiency 14–15
simple rule-following 392–3
conventional economics 2, 3, 6–7, 70
core assumptions 4, 5, 18–19
economic man 68–9, 142–3
efficiency 12–16
institutions 16–18
macroeconomic choices 34–8
preferences 29
rationality 12–16, 18–19, 20–21
x-efficiency 23
cooperation 551–2
coordination devices 199–200, 385–6, 535, 569–70
Coricelli, G. 193, 338–9
correlated equilibrium, coordination devices 199–200
correlations, ecological, see ecological correlations
cost–benefit analysis, of suicide 466–9
courage 567
Courtemanche, C. 440
Cox, C.M. 472
Cox, D. 335–6
creativity, and suicide 472–3
credit use decisions, individuals and households 352–3, 356, 359–60
crime prevention, see community crime prevention (CCP)
Croson, R. 179, 180
cross-validation 126
cultural evolution 535–8
culture 533–5
Cutler, D.M. 439
Damasio, A.R. 191, 192
Damon, F.H. 239–40
Davis, H. 355, 357, 359
Dawkins, R. 546
decisions-from-description (DfD) 124
decisions-from-experience (DfE) 124
defaults 33, 325–6
delay discounting, and suicide 470–72
depression, and delay discounting 470–71
development, human, see human development
delay, and suicide 470–72
hyperbolic 437–8, 459
and time inconsistency 458
discrimination, statistical 482
distributed intentionality 546
distributional conflicts 355–6
docility 528
Downs, A. 544–5
Drew, C. De 487
Drewnowski, A. 440
duty 564
Earle, T. 235, 240–41, 244
Eckel, C. 179, 378
ecological correlations 86–7, 97–8
aggregation bias 87–8
smart potential behind 93–7
use by lay people 88–92
ecological rationality 15, 20, 56, 60
applied lessons 109–14
and heuristics 103, 104
ecological rationality program (ERP) 122–3, 131
accomplishments of 123–4
compatibility with economics 124–8
development of 122–3
open questions and challenges 128–30
economic crises 28
economic growth, institutional path dependence 80–81
economic man
compared to smart person 151
and conventional economics 68–9, 142–3
and nudging 323
psychological 143–4, 151
and social norms 561
and tax compliance 325
and time 211
see also human decision-making
Eddy, D.M. 112
educational development 139
Edwards, W. 112
efficiency, see rationality and efficiency;
x-efficiency
efficiency wage theory 35
effort discretion 23–6, 27
egoism 566
El Farol bar problem 126
Ellickson, R.C. 240
emotions 188–9, 190, 485
and consumption 396
mirror neurons 486–7
neurobiology 191–4
and priming 367
and risk 367
and social choice 201–2
and tax compliance 338–40
traders 379
endogenous quality jurisdictions model 294–302
income effects 309–10
scale of public services 302–8
voice and co-production 308–9
Engelmann, D. 481
England, P. 174, 178, 183
Enos, R. 545
entrepreneurship 162–3
environment
and human development 139
and simple decision rules 127
Eriksen, E.H. 148, 149
errors 43, 143–4; see also mistakes, rational estimates (Knight) 106–7
ethics 557–8, 559, 562–4
and game theoretic model 564–71
ethnicity, and asset trading 378
Etzioni, A. 144
Euler equations, consumption 396
exchange, Kula system 235–44
executive functioning, and suicide 472
exercise and weight loss, see physical activity
and weight loss, intertemporal choices
expectations, and cognitive theory (Hayek) 537
expenditure decisions, individuals and
households 350–52, 354–6, 359
experimental asset markets 375–6
asset properties 379–82
characteristics, traders 376–8
cognitive abilities, traders 378–9
emotions, traders 379
future research 387
market structure 382–6
mispricing, measuring 386–7
trading strategies 379
experimental economics 4

fairness 560
taxation 321–2, 339
family 487–8, 551
farmers’ decision-making case study, see
climate change case study (farmers’
decision-making)
fast and frugal heuristics 5, 20, 101–2, 114–15
as adaptive tools 105–7, 125–6, 128–9
applied lessons from study of ecological
rationality 109–14
development of 123–4, 125
economic rationality and psychology,
overlaps between 102–5
in finance and business 107–9
nudging and uncertainty 109–11
open questions and challenges 128–30
risk literacy 111–14
favoritism (weakness of will) 506–8
Fehr, E. 238–9, 529
Feller, W. 296, 298
feminist economics 173–4, 176–7, 185–6
attitudes to risk, gender differences in
179–81
institutional analysis and development
framework 173, 174–7
preferences and behavior, observed gender
differences in 177–8
and studies of altruism 181–4
Fefer, M. 173, 177
Ferejohn, J.A. 200
Fiedler, K. 90, 92
finance and business
banks, studies on x-efficiency 280–87
fast and frugal heuristics 107–9
see also experimental asset markets
financial decision-making, household 349–50,
354–6, 360, 362, 488
individual decisions 350, 352–4
joint decisions, empirical investigation
357–60
financial decision-making, priming 366–74
Fiorina, M.P. 200
firms
and allocative inefficiency 279
economic efficiency, requirements for 27
production inefficiency 23–9, 276
profits 13
rationality and efficiency 13, 276
survival 13, 14, 20
see also x-efficiency; x-inefficiency
Fischbacher, U. 238–9, 384, 481
Fisher, I. 394
Folbre, N. 174, 178, 184
Foster, G. 213, 223, 224, 229, 230
Fowler, A. 545
framing 32–3, 54
freedom of choice 30–31, 111
French, S.A. 440
Freytag, P. 90
Friedman, Milton 12–13, 35–6, 394, 395
Frijters, P. 213, 214, 223, 224, 229, 230
Frisch, Ragnar 63
Fu, X. 283–4
Füllbrunn, S.C. 378, 385
functionalism 240
fundamental value, assets 380–81, 382, 383,
384, 385, 386–7
Fung, M. 284
futures markets 384
Gächter, S. 529
García-Herrero, A. 283
gaze heuristic 55, 107
generalizations 494, 501–2
gifts, traditional societies 237–8, 239
generation 176–7
and altruism 181–4
and asset trading 378
and attitudes to risk 179–81
BMI and participation in sports and exercise
454–5
and financial decision-making 356,
357–62
and labor market 176, 178, 184
and obesity 432, 437, 440, 442
preferences and behavior, observed
differences in 177–8
and taxation compliance 334
generalizations 494, 501–2
generations 237–8, 239
Genzener, Gerd 5, 15, 20, 65, 103–5
disagreement with Kahneman and Tversky
122
errors 43
habits and routines 493–4

576  Handbook of behavioural economics and smart decision-making
Index  577

memory 54–5
perception 54
probabilistic reasoning 112
repair program 62
social planning 57
Gilad, D. 367
Gintis, H. 552–3, 562, 563
Glanz, K. 441
Gneezy, U. 179, 180, 333–4, 548
Gode, D.K. 127
Goldstein, J. 86
Goldsteyn, B.H.H. 437
governance structures, polycentric system 290–94
endogenous quality jurisdictions, model of 294–302
income effects 309–10
scale of public services 302–8
voice and co-production 308–9
government policy, and smart decision-making approach 6
Gray, A. 163, 166–7, 168, 169
‘greedy rationality’ 207–11, 224
Grootendorst, P. 436
Grossman, P. 179
Grove, N. 108
habits 493–4
Hall, P.A. 421
Hall, R.E. 396
Hallsworth, M. 338
Hamermesh, D.S. 465–6
happiness
ecological correlations 93–7
and income 473
‘Harberger triangle’ 279
Harris, M. 533
Harsanyi, J. 29, 30
Hart, S. 199
Havry, E. 126, 385
Hasan, I. 286
Hasseldine, J. 327
Hayek, F.A. 73, 77, 82, 526–7, 530–32, 534–8
health
expenditure 432
and time orientation 413, 422–4
see also obesity; physical activity and weight loss, intertemporal choices; suicide, and intelligence
Heffermann, S. 283–4
Henrich, J. 244, 533–4
heuristics
1/N 108
gaze 55, 107
hiatus 108
priority 107
regret as 200
representative 501–2
see also fast and frugal heuristics
heuristics and biases approach 3, 6, 21–2, 31, 119–20
choice architecture 32
development of 121–2
probabilistic reasoning 112
Hewstone, M. 91
hiatus heuristic 108
Hilbert, David 62, 63–4, 65–6
Hobbes, Thomas 546
Höffrage, U. 56, 112
Hofmann, E. 342
Hogarth, R.M. 121
Homo economicus, see economic man; human decision-making
homophily 160, 162
honesty, universalist principle of 547–8
Hong Kong, x-efficiency of banks 284–5
honor 564
hope 567, 570–71
house money effect 380
households, see financial decision-making, household
human decision-making 68–70, 82–3
imperfect institutions and path dependency 78–82
rational choice proponents 70–76
rule level of analysis 76–8
human development 137–41
adult developmental stages 147–9
economic man 142–4
failures 146
non-cognitive versus cognitive 146–7
smart person 144–7, 149–52
in transitional periods 147, 148
virtues 149–51
Humean fallacy 12–13
Huy, Q.N. 160
hyperbolic discounting 437–8, 459
identity 519, 520–23
identity utility 519
Handbook of behavioural economics and smart decision-making

impulsivity, and delay discounting 470–71
impulsivity, and weakness of will 492–3, 495, 496–7
favoritism 506–8
pornography 510–11
shirking 498–504
slackening 505–6
spoiling of children 508–10
incentives
asset markets 383–4
tax compliance 325
income
effects, endogenous quality jurisdictions 309–10
and happiness 473
and obesity 440–41
and suicide 465–6, 473
and taxation compliance 335
income and consumption 393–6
consumption-savings model 396–405
income tax, compliance 317–18, 327–8, 331–2, 343–4
behavioral economics 321–2
differential effects 334–7
neoclassical approach 332–4
nudging 317–18, 322–8
responsive regulation approach 337
social norms 326–7, 338–40
tax authorities 320–21, 337, 340–42
inconsistency, elimination of 63
inefficiency
allocative 279
consumption 29–34
firms 23–9, 276, 279
production 23–9
rational 12–16, 17–18
see also x-inefficiency
inertia (organizations) 162
information
and asset markets 381–3
cognitive bounds 127
culture as 533
more not necessarily better 56–7
natural frequencies 114
and nudging 111
and obesity 441–3
innovation 162–3, 165–6, 169
institutional analysis and development
framework 173, 174–7
institutions 16–18, 73–4, 75, 76
cognitive approach 526, 532
path dependency 78–82, 534
rule level of analysis 76–8
intertemporal choices, see physical activity and weight loss, intertemporal choices
investment decisions 353, 356, 360, 367–70
Iowa gambling task 191, 192
James, S. 317, 318, 321, 322
Jiang, C. 283
Johnson, A.W. 235, 240–41, 244
jokes model (rational mistakes) 43–52
justice 563
Kahneman, D. 3, 21–2, 112
and development of heuristics and biases approach 121, 122
errors 144
slow and fast thinking 5–6
two-system decision-making process 370
utility, forms of 496
kaiko (ceremonial practice) 243–4
Kamas, L. 181–2
Kameda, T. 58–9
Kant, I. 564
Karlsson, N. 197
Keynes, J.M. 34–5, 36–7, 69
classical theory 277
consumption 393–5
rationality 277–8
Keynesian school 36
Kheirandish, R. 105
Kim, B. 286
Kim, J.Y. 59
kin altruism 551
Kinsey, J. 436
Kirzner, I. 72
Knight, F. 73–4, 106–7
knowledge 532
common 377, 485–6
and decision-making 105–7
and rules 527
Komlos, J. 437
Kranton, R.E. 519
Kula exchange system 235–44
Kutzner, F. 91, 92
Kwan, S. 284–5
labor market, and gender 176, 178, 184
Laiibson, David 68, 83, 459
laissez-faire 69
Lakdawalla, D. 439–40
Landa, J.T. 241
Larkin, J.H. 114
lateness model (rational mistakes) 52–4
leadership, and social evolution 553
learning
indirect 377
simple heuristics of 130
social 533–4
see also human development
Leavitt, H. 162
Leibenstein, H. 23–4, 35, 275–6, 278, 279–80
Leiser, D. 466
Leiser, Richard 72–3
Levinson, D.J. 147, 148–9
Levy, A. 433–4
Lewis, D. 535
Lien, D. 58
life-cycle hypothesis 394–5, 398, 401
List, John 68, 83
Lobell, D. 264
Loewenstein, G. 321, 497
Loomes, G. 197
Loureiro, M.L. 441–2
love 568, 570–71
models of 212–25
loyalty 205–7
and abstraction 225–6, 228–9
models of 207–25, 227–30
organizational identification 158–9, 161–2, 164–5, 168
Luo, D. 283
Machlup, Fritz 73
macroeconomic choices 34–8
Malaysia, x-efficiency of banks 285
Malinowski, B. 235–8, 239, 240, 241, 242, 243
Malmendier, U. 321
‘mammography problem’ 112, 113, 114
management, and behavioral strategy 157–71
management science, and ecological rationality 129
managerial slack 24–5
Mancino, L. 436
Mandler, M. 125
Manzini, P. 125
March, J.G. 19, 162
marginal decision-making 72–3
Marginal Revolution 70–71
Marine Corps (US), behavioral strategy 163–9
Mariotti, M. 125
market failure, and true preferences 30
markets, experimental, see experimental asset markets
Markowitz, H.M. 108
Maslow, A. 139
mathematization of economics 63
Mauss, M. 238, 239
McCloskey, D.N. 149–50, 559, 560, 561, 562
Meiser, T. 91
memory, and rational mistakes 54–5
mental accounting 353–4
Mervin, M. 224
Milner, B. 192
MINDSPACE (mnemonic) 324
minimal-group paradigm 487
Mintzberg, H. 169
Mises, Ludwig von 68, 70, 71, 72, 82–3, 277
mistakes, rational 68
absence of paradigm shift in behavioral economics 64–6
axiomatization program in mathematics 61–6
bad jokes model 43–52
best organ in the human body example 60–61
bias-variance trade-off 55
games and nature 54–5, 56–7
lateness model 52–4
lexicographic preferences 56
markets and social systems 57–9
and memory 54–5
and perception 54
singular versus plural norms 59–60
strategic games against self-interested competitors 57
Modigliani, F. 394
money illusion 36–7
money management, individuals and households 353–4, 356, 360
morality 546–7, 551–2, 557, 559, 560–62
Mousavi, S. 103, 105
Moyano-Diaz, E. 196
Moyo, M. 252
Mundell, R. 279
Murphy, K.M. 436
Nash equilibrium
and morality 557, 561
public goods games 58–9
and social norms 529–30
see also ethics, game theoretic model
National Tax Advocate 320
negotiated coexistence 517
Neighborhood Watch 516, 517, 520
game theoretic illustration 520–23
Nelson, J. 173, 177, 178–9, 179–81
neurodevelopment 140, 141, 145–6
Newcomb problem 197–9
norms, social, see social norms
North, Douglas 16–17, 78, 80–81, 526, 532, 533, 534
Nowssair, C.N. 378, 381
Nozick, R. 198
NUDGE (mnemonic) 323, 324
nudging 31–2, 322–4
versus boosting 129
and taxation 317–18, 322–8
and uncertainty 109–11
Nussbaum, M. 31, 34

obesity 429–30
behavioral aspects 432–44
causes 432–3
economic consequences 432
health consequences 430, 432
prevalence 430
see also physical activity and weight loss, intertemporal choices
obsessive-compulsive behavior 496, 503, 504;
see also compulsivity, and stiffness of will
occupation, and taxation compliance 335
O’Donoghue, T. 460
Offer, A. 441
oligopoly 293
Oliviola, C.Y. 331–2
Olson, Mancur 14, 17–18
optimality, decision-making 1–2
organization science, and ecological rationality program 129
organizational identification 158–9, 161–2, 164–5, 168
organizational routinization 159
organizational transformation 159, 166–7, 169
organizations, behavioral strategy 157–71
Ostrom, Elinor 75–6, 77, 78, 81, 174–5
administrative rigidity problem 290
common pool resources 302–8
efficient public administration 292
public goods, preferences for 293
punishment 529
Ostrom, V. 292, 293
overconfidence 58; see also impulsivity, and weakness of will
oxytocin 487

Pakistan, x-efficiency of banks 286–7
path dependency, institutions 78–82, 534
Payne, J.L. 325
Pejovich, S. 80
perception 54, 526–7, 531
permanent income hypothesis 394, 395
and suicide 463–6
Perry, B. 145–6
personal capital 518–19
Peterson, C.R. 112
Phillipson, T.J. 438–9
Phillips, L.D. 112
physical activity and weight loss, intertemporal choices 449–50, 461–2
BMI and participation in sports and exercise 453–7
intentions to improve health 450–53
time inconsistent preferences 450, 457–61
Plato 558
Plumley, A. 335–6
Polanyi, K. 234–5
policing, and crime prevention 515
polycentricity, see governance structures, polycentric system
pornography (weakness of will) 510–11
Posner, R.A. 28, 438–9
poverty, and obesity 440–41
Powell, H.A. 239
Powell, O. 381, 386–7
Powell, T. 160, 161, 170
power
and beliefs 227–30
and the mind 223–4
and tax authorities 339–42
see also loyalty, models of praise 562, 563
Prasch, Robert 72, 73
preference ordering, axiomatization program 62, 63
preferences
biased-preferences approach 496–7
and gender 177–8
revealed 29–30, 32
social 551–2
time, and obesity 436–7
time inconsistent 450, 457–61
ture 29–30, 31, 32
Preis, T. 88
Preston, A. 181
price bubbles, see experimental asset markets
prices, and obesity 440
priming, financial decision-making 366–74
priority heuristic 107
private persona 550, 554
private sphere (rational actor model) 544, 547, 554
probabilistic reasoning 111–14
probability conflicts 355
procedural models, ecological rationality program 127–8
process rationality 21
production inefficiency 23–9
profits, assumptions 13, 74–5
property rights 81
prospect theory
axiomatization program 62–3
taxation compliance 335–6
psychosocial development 139–40
public administration, see governance structures, polycentric system
public economics
  competition, models of 292–3, 295
  markets, concept of 291–2
  scale of public services 302–8
public goods 58–9
public messages, as coordination device 385–6
public persona 550, 552–3
public sphere (rational actor model) 543–4, 547, 548–50
punishment 485, 529
  altruistic 238–9, 529
  and beliefs 226–30
  slackening versus shirking 505
purchasing decisions, individuals and households 350–52, 354–6, 359
Rabin, M. 460
randomization 58
Rashad, I. 437, 440
rational actor model
  motives 547, 550
  private and public persona 550
  public persona, evolutionary emergence of 552–3
  public sphere 543–4, 547, 548–50
  social preferences 551–2
  universalist principle of honesty 547–8
  voting 543–6, 553–4
rational choice, human element, see human decision-making
rational inefficiency 12–16, 17–18
rational lifetime planning, obesity 433–4, 437
rational mistakes, see mistakes, rational
rationality 3
  bounded 1, 2–3, 19–21, 145, 493–4
  calculation of deviations from 126–7
  core assumptions 18–19
  ‘greedy rationality’ 207–11, 224
  rhytonian 216–21, 223, 224–5
  Smith, Adam, on 497
  types of 18–22, 39–40, 216–18
  see also ecological rationality; ecological rationality program (ERP)
rationality and efficiency 11–16, 38–40, 275–6
  consumption inefficiency 29–34
  institutions 16–18
  macroeconomic choices 34–8
  narrow and broad rationality 277–9
  production inefficiency 23–9
Rawls, J. 560
reasoning by similarity 128
reciprocity 238–9, 480–81
Reder, M.W. 121
reflexive utility 508–9
regret 188–91, 202
  as coordination device and social mechanism 199–202
  in decision-theory 194–9
  neurobiological basis of 191–4
relationships
  bad jokes model 43–52
  lateness model 52–4
religion 496, 559
  and loyalty 226–30
representative heuristic 501–2
reputation 480–82, 529
Reskin, B. 178
revealed preferences 29–30, 32
Rezvanian, R. 282
rhytonian rationality 216–21, 223, 224–5
Richerson, P.J. 533
Rigaux, B. 355, 357, 359
Rii, A. van de 481
risk
  and adaptation decisions 252, 265, 266–7
  experimental asset markets 378
  gender-based differences in attitudes to 179–81
  and investment decisions 353, 356, 367–70
  literacy 111–14
  and priming 367–70
rituals 496
Roberts, R.C. 149, 150
Robinson, W. 87
Rosin, O. 438
routines 493–4
Ruhm, C.J. 440
rule-consequentialism 549
rules 76–8, 526, 527, 528–9
  and culture 534–5
  evolution of 535–8
  simple rule-following 392–3
  see also social norms
Russell, Bertrand 62, 63
Rustichini, A. 333–4
Sallis, J.F. 441
sampling, and mistakes 58
satisficing 19, 20
  and regret 196–7
  social welfare improvements 57
Savage, L.J. 195
savings
  and consumption 393–4, 395
  consumption-savings model 396–405
decisions, individuals and households 352–3, 356, 359–60
scale, public services 302–8
Schaik, C. van 552–3
seed selection, see climate change case study (farmers’ decision-making)

Seinen, I. 480–81
Self, notion of 210–11, 559
changing 212

dual-self theories 500
and models of love 212–13, 221
and types of rationality 216–18

self-control, and commitment problem 459–61
self-interest 71–2, 74, 142, 235, 562–3, 564
self-sacrifice 559

Selten, Reinhardt 62, 65, 130
Sen, A. 31, 34, 559, 561, 564

Sensory Order (Hayek) 526–7, 531, 537

Sent, E.-M. 121
Shafir, E. 198
shares 385
Sheehy, G. 147
Shefrin, H.M. 460
Shiller, R.J. 28, 111
Shin, D. 286

shirking (weakness of will) 498–504
shocks (weakness of will) 505–6, 507, 509, 510–11

similarity, reasoning by 128
Simon, H.A.
behavioral strategy 161–2
bounded rationality 19, 21
economic man 142
habits and routines 493–4
institutions 16
psychology 101, 115
rationality 3, 20–21, 277, 278
smart person 145
social norms 528

Simpson’s paradox 90–91, 93
slackening (weakness of will) 505–6

smart decision-making, summary 1–7

Smith, Adam
duty 564
Hayek on 82
injustice 563
morality 560–61
praise 562, 563
rationality 277, 497
self-interest 562–3, 564
value 242–3
‘view of man’ 83
virtue 558, 559, 560, 561, 563–4

Smith, P.K. 437

Smith, T.G. 441, 442
Smith, Vernon 19–20, 76, 102–3, 104, 105, 121, 528
smoking, and discounting 415
social capital 518–19
social cohesion 517, 518
social control 74
social dilemmas 338–9
social evolution 552–3
social identity 519, 520

game theoretic illustration, community
crime prevention (CCP) 520–23
social interactions 479–80, 548–50

knowing others 486–8
modes of 550
reciprocity 480–81
reputation 480–82
seeing others 482–5
speech 485–6
trustworthiness 482–4
social learning 533–4
social norms 526, 528–30

and community crime prevention (CCP)
516–17, 520–23
and economic man 561
and identity 519
and obesity 443–4
tax compliance 326–7, 338–40
traditional societies 243–4

social order 71–2, 77

social preferences 551–2
sociological variables, and choice behavior 15

Soss, N.M. 465–6
South Korea, x-efficiency of banks 286
Specter, S.E. 440
speech 485–6

spending decisions, individuals and households 350–52, 354–6, 359

Spinoza, B. 188
stag hunt game 566–8

Stahl, D.O. 126
Stalker, J. 559
statistical discrimination 482
stiffness of will, see will, weakness and stiffness of

Stigler, G. 559
Stöckl, T. 386–7
Strassels, P.N. 325
strategy, behavioral, see behavioral strategy

Strathman, A. 416
Strotz, R.H. 458
Strümpel, B. 325

subjective expected utility (SEU) theory 142, 277
success, desire for 502
Sugden, R. 197
Suhonen, N. 195
suicide, and intelligence 464–5
cost–benefit analysis 466–9
creativity 472–3
delay discounting 470–72
executive functioning 472
income 473
microeconomic theory of 465–6
Sunder, S. 127
Sunstein, C. 31, 32, 323, 326
survival 14, 20
Sussman, A.B. 331–2
Taiwan, x-efficiency of banks 285–6
Tajfel, H. 487
taxation
fairness 321–2, 339
and nudging 317–18, 322–8
and obesity 435
size and extent of 318–20
see also endogenous quality jurisdictions
model; income tax, compliance
technological change, and obesity 438–40
time (ceremonial practice) 244
Thailand, x-efficiency of banks 285
Thaler, R.H. 31, 32, 121–2, 323, 325, 353–4, 458, 460
Tideman, T.N. 201
true preferences 29–30, 31, 32
trust
as social capital 518
and social interactions 482–4
universalist principle of honesty 547–8
Tullock, G. 306, 307
Tversky, A. 3, 21–2, 112, 121, 122, 198
Uberoi, J.S. 241
uncertainty
and behavioral strategy 168
and decision-making 105–7
and nudging 109–11
unemployment 35–8
and birth rates 86–7, 88–9
US Marine Corps, behavioral strategy 163–9
utilitarianism 566
utility
altruistic 507
early representation theorems 63
gift-giving 214
identity 519
reflexive 508–9
and regret theory 195–7
subjective expected utility (SEU) 142, 277
types of 496–7
utility maximization
and core assumptions, conventional
economics 19
discounting 458
and freedom of choice 30–31
heuristics 125
intertemporal 394, 395–6, 397–8
loyalty, models of 207–25
and obesity 433–9
and social inefficiency 18
and suicide 465–6
value conflicts 355
Veblen, T. 69, 72, 74
Vesterland, L. 182
virtues 149–51, 558–60, 561, 563–4
Vogel, T. 89, 92
vote-buying 483
voting
classical rational actor model 543–6
motives 550, 553–4
and regret 200–202
rule-consequentialism 549
wages, and unemployment 35–8
Wansink, B. 442, 443–4
Wason selection task 103
weakness of will, see will, weakness and
stiffness of

Tideman, T. N. 201

true preferences 29–30, 31, 32
trust
as social capital 518
and social interactions 482–4
universalist principle of honesty 547–8
Tullock, G. 306, 307
Tversky, A. 3, 21–2, 112, 121, 122, 198
Uberoi, J. S. 241
uncertainty
and behavioral strategy 168
and decision-making 105–7
and nudging 109–11
unemployment 35–8
and birth rates 86–7, 88–9
US Marine Corps, behavioral strategy 163–9
utilitarianism 566
utility
altruistic 507
early representation theorems 63
gift-giving 214
identity 519
reflexive 508–9
and regret theory 195–7
subjective expected utility (SEU) 142, 277
types of 496–7
utility maximization
and core assumptions, conventional
economics 19
discounting 458
and freedom of choice 30–31
heuristics 125
intertemporal 394, 395–6, 397–8
loyalty, models of 207–25
and obesity 433–9
and social inefficiency 18
and suicide 465–6
value conflicts 355
Veblen, T. 69, 72, 74
Vesterland, L. 182
virtues 149–51, 558–60, 561, 563–4
Vogel, T. 89, 92
vote-buying 483
voting
classical rational actor model 543–6
motives 550, 553–4
and regret 200–202
rule-consequentialism 549
wages, and unemployment 35–8
Wansink, B. 442, 443–4
Wason selection task 103
weakness of will, see will, weakness and
stiffness of

Tideman, T. N. 201

true preferences 29–30, 31, 32
trust
as social capital 518
and social interactions 482–4
universalist principle of honesty 547–8
Tullock, G. 306, 307
Tversky, A. 3, 21–2, 112, 121, 122, 198
Uberoi, J. S. 241
uncertainty
and behavioral strategy 168
and decision-making 105–7
and nudging 109–11
unemployment 35–8
and birth rates 86–7, 88–9
US Marine Corps, behavioral strategy 163–9
utilitarianism 566
utility
altruistic 507
early representation theorems 63
gift-giving 214
identity 519
reflexive 508–9
and regret theory 195–7
subjective expected utility (SEU) 142, 277
types of 496–7
utility maximization
and core assumptions, conventional
economics 19
discounting 458
and freedom of choice 30–31
heuristics 125
intertemporal 394, 395–6, 397–8
loyalty, models of 207–25
and obesity 433–9
and social inefficiency 18
and suicide 465–6
value conflicts 355
Veblen, T. 69, 72, 74
Vesterland, L. 182
virtues 149–51, 558–60, 561, 563–4
Vogel, T. 89, 92
vote-buying 483
voting
classical rational actor model 543–6
motives 550, 553–4
and regret 200–202
rule-consequentialism 549
wages, and unemployment 35–8
Wansink, B. 442, 443–4
Wason selection task 103
weakness of will, see will, weakness and
stiffness of

Tideman, T. N. 201

true preferences 29–30, 31, 32
trust
as social capital 518
and social interactions 482–4
universalist principle of honesty 547–8
Tullock, G. 306, 307
Tversky, A. 3, 21–2, 112, 121, 122, 198
Uberoi, J. S. 241
uncertainty
and behavioral strategy 168
and decision-making 105–7
and nudging 109–11
unemployment 35–8
and birth rates 86–7, 88–9
US Marine Corps, behavioral strategy 163–9
utilitarianism 566
utility
altruistic 507
early representation theorems 63
gift-giving 214
identity 519
reflexive 508–9
and regret theory 195–7
subjective expected utility (SEU) 142, 277
types of 496–7
utility maximization
and core assumptions, conventional
economics 19
discounting 458
and freedom of choice 30–31
heuristics 125
intertemporal 394, 395–6, 397–8
loyalty, models of 207–25
and obesity 433–9
and social inefficiency 18
and suicide 465–6
value conflicts 355
Veblen, T. 69, 72, 74
Vesterland, L. 182
virtues 149–51, 558–60, 561, 563–4
Vogel, T. 89, 92
vote-buying 483
voting
classical rational actor model 543–6
motives 550, 553–4
and regret 200–202
rule-consequentialism 549
wages, and unemployment 35–8
Wansink, B. 442, 443–4
Wason selection task 103
weakness of will, see will, weakness and
stiffness of
wealth, consumption-savings model 396–405
Weatherly, J.N. 419, 420–21
Whitehead, A.N. 62, 63
Wilber, K. 138, 140–41, 143, 151
will, weakness and stiffness of 492–6
favoritism 506–8
literature review 496–8
pornography 510–11
shirking 498–504
slackening 505–6
spoiling of children 508–10
wishful thinking 502–3
Wood, W.J. 149, 150
Wu, H. 282–3
x-efficiency 37, 275–6
choice 29–31

definition 279
reason for existence 278–9
studies on 280–87
x-inefficiency 23–6, 275, 276
choice 30
extent of 279
reason for existence 278–9

Yang, B. 466
Yaniv, G. 434–5
Yao, S. 281–2, 283
Yoeli, E. 482
Young, H.P. 190
Zhang, L. 437
Zimbardo Time Perspective Inventory (ZTPI) 416, 417, 422–3