

Contents

<i>List of Contributors</i>	page xi
<i>Preface</i>	xv
Introduction – Heuristics and Biases: Then and Now <i>Thomas Gilovich and Dale Griffin</i>	1
PART ONE. THEORETICAL AND EMPIRICAL EXTENSIONS	
A. Representativeness and Availability	
1 Extensional versus Intuitive Reasoning: The Conjunction Fallacy in Probability Judgment <i>Amos Tversky and Daniel Kahneman</i>	19
2 Representativeness Revisited: Attribute Substitution in Intuitive Judgment <i>Daniel Kahneman and Shane Frederick</i>	49
3 How Alike Is It? versus How Likely Is It?: A Disjunction Fallacy in Probability Judgments <i>Maya Bar-Hillel and Efrat Neter</i>	82
4 Imagining Can Heighten or Lower the Perceived Likelihood of Contracting a Disease: The Mediating Effect of Ease of Imagery <i>Steven J. Sherman, Robert B. Cialdini, Donna F. Schwartzman, and Kim D. Reynolds</i>	98
5 The Availability Heuristic Revisited: Ease of Recall and Content of Recall as Distinct Sources of Information <i>Norbert Schwarz and Leigh Ann Vaughn</i>	103
B. Anchoring, Contamination, and Compatibility	
6 Incorporating the Irrelevant: Anchors in Judgments of Belief and Value <i>Gretchen B. Chapman and Eric J. Johnson</i>	120
	vii

7	Putting Adjustment Back in the Anchoring and Adjustment Heuristic	139
	<i>Nicholas Epley and Thomas Gilovich</i>	
8	Self-Anchoring in Conversation: Why Language Users Do Not Do What They "Should"	150
	<i>Boaz Keysar and Dale J. Barr</i>	
9	Inferential Correction	167
	<i>Daniel T. Gilbert</i>	
10	Mental Contamination and the Debiasing Problem	185
	<i>Timothy D. Wilson, David B. Centerbar, and Nancy Brekke</i>	
11	Sympathetic Magical Thinking: The Contagion and Similarity "Heuristics"	201
	<i>Paul Rozin and Carol Nemeroff</i>	
12	Compatibility Effects in Judgment and Choice	217
	<i>Paul Slovic, Dale Griffin, and Amos Tversky</i>	
<hr/>		
C.	Forecasting, Confidence, and Calibration	
13	The Weighing of Evidence and the Determinants of Confidence	230
	<i>Dale Griffin and Amos Tversky</i>	
14	Inside the Planning Fallacy: The Causes and Consequences of Optimistic Time Predictions	250
	<i>Roger Buehler, Dale Griffin, and Michael Ross</i>	
15	Probability Judgment across Cultures	271
	<i>J. Frank Yates, Ju-Whei Lee, Winston R. Sieck, Incheol Choi, and Paul C. Price</i>	
16	Durability Bias in Affective Forecasting	292
	<i>Daniel T. Gilbert, Elizabeth C. Pinel, Timothy D. Wilson, Stephen J. Blumberg, and Thalia P. Wheatley</i>	
D.	Optimism	
17	Resistance of Personal Risk Perceptions to Debiasing Interventions	313
	<i>Neil D. Weinstein and William M. Klein</i>	
18	Ambiguity and Self-Evaluation: The Role of Idiosyncratic Trait Definitions in Self-Serving Assessments of Ability	324
	<i>David Dunning, Judith A. Meyerowitz, and Amy D. Holzberg</i>	
19	When Predictions Fail: The Dilemma of Unrealistic Optimism	334
	<i>David A. Armor and Shelley E. Taylor</i>	

E.	Norms and Counterfactuals	
20	Norm Theory: Comparing Reality to Its Alternatives <i>Daniel Kahneman and Dale T. Miller</i>	348
21	Counterfactual Thought, Regret, and Superstition: How to Avoid Kicking Yourself <i>Dale T. Miller and Brian R. Taylor</i>	367
PART TWO. NEW THEORETICAL DIRECTIONS		
A.	Two Systems of Reasoning	
22	Two Systems of Reasoning <i>Steven A. Sloman</i>	379
23	The Affect Heuristic <i>Paul Slovic, Melissa Finucane, Ellen Peters, and Donald G. MacGregor</i>	397
24	Individual Differences in Reasoning: Implications for the Rationality Debate? <i>Keith E. Stanovich and Richard F. West</i>	421
B.	Support Theory	
25	Support Theory: A Nonextensional Representation of Subjective Probability <i>Amos Tversky and Derek J. Koehler</i>	441
26	Unpacking, Repacking, and Anchoring: Advances in Support Theory <i>Yuval Rottenstreich and Amos Tversky</i>	474
27	Remarks on Support Theory: Recent Advances and Future Directions <i>Lyle A. Brenner, Derek J. Koehler, and Yuval Rottenstreich</i>	489
C.	Alternative Perspectives on Heuristics	
28	The Use of Statistical Heuristics in Everyday Inductive Reasoning <i>Richard E. Nisbett, David H. Krantz, Christopher Jepson, and Ziva Kunda</i>	510
29	Feelings as Information: Moods Influence Judgments and Processing Strategies <i>Norbert Schwarz</i>	534
30	Automated Choice Heuristics <i>Shane Frederick</i>	548
31	How Good Are Fast and Frugal Heuristics? <i>Gerd Gigerenzer, Jean Czerlinski, and Laura Martignon</i>	559

32	Intuitive Politicians, Theologians, and Prosecutors: Exploring the Empirical Implications of Deviant Functionalist Metaphors	582
	<i>Philip E. Tetlock</i>	
PART THREE. REAL-WORLD APPLICATIONS		
A. Everyday Judgment and Behavior		
33	The Hot Hand in Basketball: On the Misperception of Random Sequences	601
	<i>Thomas Gilovich, Robert Vallone, and Amos Tversky</i>	
34	Like Goes with Like: The Role of Representativeness in Erroneous and Pseudo-Scientific Beliefs	617
	<i>Thomas Gilovich and Kenneth Savitsky</i>	
35	When Less Is More: Counterfactual Thinking and Satisfaction among Olympic Medalists	625
	<i>Victoria Husted Medvec, Scott F. Madey, and Thomas Gilovich</i>	
36	Understanding Misunderstanding: Social Psychological Perspectives	636
	<i>Emily Pronin, Carolyn Puccio, and Lee Ross</i>	
B. Expert Judgment		
37	Assessing Uncertainty in Physical Constants	666
	<i>Max Henrion and Baruch Fischhoff</i>	
38	Do Analysts Overreact?	678
	<i>Werner F.M. De Bondt and Richard H. Thaler</i>	
39	The Calibration of Expert Judgment: Heuristics and Biases Beyond the Laboratory	686
	<i>Derek J. Koehler, Lyle Brenner, and Dale Griffin</i>	
40	Clinical versus Actuarial Judgment	716
	<i>Robyn M. Dawes, David Faust, and Paul E. Meehl</i>	
41	Heuristics and Biases in Application	730
	<i>Baruch Fischhoff</i>	
42	Theory-Driven Reasoning about Plausible Pasts and Probable Futures in World Politics	749
	<i>Philip E. Tetlock</i>	
	<i>References</i>	763
	<i>Index</i>	855