## Contents

List of figures .......................................................... page vii  
List of contributors ................................................... ix  
Preface ........................................................................... xii  
Acknowledgments ......................................................... xiv  
Chapter cross-reference table .................................... xv  

### Part I  Evolutionary and neural bases of JDM  1

1 The evolved foundations of decision making  
   ANDREAS WILKE AND PETER M. TODD ......................... 3  

2 Neural bases of judgment and decision making  
   OSHIN VARTANIAN AND DAVID R. MANDEL .................. 29  

### Part II  Developmental approaches to JDM  53

3 Judgment and decision making in young children  
   ANNE SCHLOTTMANN AND FRIEDRICH WILKENING .......... 55  

4 Judgment and decision making in adolescents  
   WÅNDI BRUINE DE BRUIN ............................................ 85  

5 Aging and decision skills  
   ELLEN PETERS AND WÅNDI BRUINE DE BRUIN .............. 113  

### Part III  Learning JDM  141

6 Learning of judgment and decision-making strategies  
   RUI MATA AND JÖRG RIESKAMP ................................... 143  

7 Causal models in judgment and decision making  
   YORK HAGMAYER AND DAVID A. LAGNADO .................. 169
Part IV Improving and aiding JDM

9 Improving judgment and decision making through communication and representation
PETER SEDLMEIER AND DENIS J. HILTON 229

10 Aiding judgment and decision making
J. FRANK YATES AND ANDREA M. ANGOTT 259

Conclusion

11 Perspectives on judgment and decision making as a skill
MANDEEP K. DHAMI, ANNE SCHLOTTMANN, MICHAEL R. WALDMANN, JAMES SHANTEAU, THOMAS S. WALLSTEN, BARUCH FISCHHOFF, IRWIN P. LEVIN (WITH JOSHUA A. WELLER AND ELAINE A. BOSSARD), VALERIE F. REYNA, JONATHAN BARON, ROBIN M. HOGARTH, JOSHUA KLAYMAN, AND MICHAEL H. BIRNBAUM 291

Index 307