

Contents

<i>List of figures</i>	<i>page</i>	xiii
<i>List of tables</i>	<i>page</i>	xiv
<i>Preface</i>	<i>page</i>	xvii
<i>Acknowledgements</i>	<i>page</i>	xxv
<i>Key symbols and terms</i>	<i>page</i>	xxviii
Part I Case studies		1
1 Surveys		3
1.1 Intellectual histories		3
1.2 Bibliometrics		8
1.3 Exemplars		11
1.4 Summary		25
2 Definitions		26
2.1 Case		27
2.2 Case study		28
2.3 Additional terms		31
2.4 Summary		36
Part II Selecting cases		37
3 Overview of case selection		39
3.1 Strategies and criteria		39
3.2 Clarifications		46

3.3	Validation	52
3.4	Summary	55
4	Descriptive case studies	56
4.1	Typical	56
4.2	Diverse	58
4.3	Summary	62
5	Causal case studies	63
5.1	Exploratory	65
5.2	Estimating	92
5.3	Diagnostic	98
5.4	Summary	117
6	Algorithms and samples	118
6.1	Random sampling	119
6.2	Algorithmic (“quantitative”) case selection	122
6.3	The size question revisited	128
6.4	Summary	133
Part III	Analyzing cases	135
7	A typology of research designs	137
7.1	Case study evidence	139
7.2	Multimethod studies	144
7.3	Summary	151
8	Quantitative and qualitative modes of analysis	153
8.1	Quantitative analysis	155
8.2	Qualitative analysis	157
8.3	Standards for qualitative inquiry	164

8.4	Rules of thumb for qualitative inquiry	170
8.5	Summary	189
Part IV	Validity	193
9	Internal validity	195
9.1	Manipulable causes	197
9.2	Causal comparability	202
9.3	Front-door approaches	206
9.4	Transparency, replicability	208
9.5	Separation of theory formation and testing	213
9.6	Informative estimates of uncertainty	214
9.7	Summary	217
10	External validity	219
10.1	Sample representativeness	220
10.2	A two-level game	222
10.3	Establishing scope conditions	228
10.4	Assessing external validity	235
10.5	Summary	239
Part V	Conclusions	241
11	Tradeoffs	243
11.1	Validity: internal versus external	244
11.2	Research goal: depth versus breadth	245
11.3	Causal insight: mechanisms versus effects	247
11.4	Population: heterogeneous versus homogeneous	253
11.5	Variation in X and Y : rare versus common	258
11.6	Data: concentrated versus diffuse	260

11.7	Hypothesis: generating versus testing	263
11.8	From Tradeoffs to Synergies	271
	<i>References</i>	274
	<i>Index</i>	319
12.1	External validity	101
12.2	Sample size calculations	101
12.3	A two-level theme	101
12.4	Replication tools: confidence	101
12.5	Assessing external validity	101
12.6	Summary	101
13.1	Conclusions	101
14.1	Tables	164
14.2	Appendix: intrinsic value criteria	164
14.3	Research tools: depth across possibility	164
14.4	Causal inference: replicability across sources	164
14.5	Polytomous measurement across instruments	164
14.6	Answers to X and Y: how science contributes to policy	164