# Contents

## PART I Introduction

Acquiring Social Knowledge: Scientific and Ordinary Knowing 3

The Place of Values in Social Research5Contestability in Social and Physical Sciences6Ordinary Knowing8Toward a Science of Social Relations17

#### **2** Examining Social Relations Research 20

The Purposes of Social Relations Research21Criteria for Evaluating Social Relations Research26Maximizing Construct Validity29Maximizing Internal Validity31Maximizing External Validity34Summary36

## PART II Research Validities 37

3 Measurement: From Abstract Concepts to Concrete Representations 39

Gossamer Concepts and Concrete Definitions 40 Why Operational Definitions Are Always Necessary and Often Inadequate 41



	Reliability 45 Validity 50 Scales 59 Measurement Presupposes Theory 62 Construct Validity of Manipulated Variables 65 Summary 67
4	Randomized Experiments69Controlling and Manipulating Variables70Random Assignment73Five Threats to Internal Validity75Examples of Randomized Experiments78Independent and Dependent Variables83Experimental Designs84The Strengths and Weaknesses of True Experiments96Summary100
5	Quasi-Experimental Designs102Pre-Experimental Designs104Quasi-Experimental Designs108Matching as a Mistaken Strategy in Quasi Experimentation: Regression to the Mean118When to Do Quasi Experiments123Internal Validity, External Validity, and Quasi Experiments125Summary126
6	Survey Research Designs127Some Survey Designs131Introduction to Survey Analysis137Summary141
7	An Introduction to Sampling143Some Basic Definitions and Concepts145Nonprobability Sampling150Probability Sampling154Concluding Remarks on the Two Kinds of Sampling163Summary166
8	Field Work and Participant Observation: Studying Particular People and Places 168Specificity and Generalizability169Generalizations from Field Work170Field Research Methods171The Use of Numbers176Negative Case Analysis and Hypothesis Generation178

Contents

Causal Analysis of Careers 182 The Use of Analogy: Generalizing beyond the Specifics 184 Ethical Issues 186 Summary 188

## PART III Data Collection 189

0 191 Scaling Advantages of Multiple-Item Scaling 193 Rating Scales for Quantifying Judgments 195 Multiple-Item Scales 202 Scaling and "Levels of Measurement" 217 Summary 218 Questionnaires and Interviews: Overview of 10 Strategies 219 Modes of Data Collection 221 Outlines of Procedures in Questionnaire Research 231 Summarv 234 **Questionnaires and Interviews: Asking Questions** Effectively 236 Ouestion Content 237 Question Wording 243 Question Sequence 254 Special Techniques for Sensitive Content 258 Interviewing 265 Less-Structured Interviews 273 Summary 278 12 Observational and Archival Data 279

Naturalness in Research280Observation285Archival Data299Summary310

## PART IV Data Analysis 313

13	Coding Data and Describing Distributions				
	The Data Matrix 316				
	The Code Book 321				
	Describing the Distributions of Variables 323				
	Summary 335				



Xi

14	<b>Describing Relationships between Variables</b> Relationships between Dichotomous Variables 338	337	
-	Relationships between Continuous Variables 344		
	Relationships between a Continuous Variable and a Dichotomous One 357		
	Inferring Relationships in Populations from Sample Data	362	
	Interpreting Relationships 370		
	Summary 372		
15	<b>Controlling for Third Variables</b> 374 Partial Relationships with Contingency Tables 377	161	

Partial Relationships with Contingency Tables 377
Partial Relationships with Continuous Variables 381
Partial Relationships with Continuous and Dichotomous Variables 385
Inferences about Partial Relationships 389
Summary 390

#### PART V The Application and Communication of Research 393

16 Ap	plied an	d Evaluati	ion Res	earch	395	
Env	ironment	al Impact: S	Social Re	search in	Action	397
Vari	eties of A	pplied Rese	earch	399		
Vari	eties of E	Evaluation R	esearch	404		
Diffe	erences b	etween Eva	luation a	nd Basic	Research	406
Desi	gns in Ev	valuation Re	esearch	409		
Ran	domizatio	on — Argum	ents Pro	and Con	415	
The	Political	Uses of Eva	luation R	esearch	418	
Clie	nts' Parti	cipation in l	Evaluatio	ns 419	9	
Can	We Affor	d Not to Do	Applied	Social Re	esearch? T	he Case
	of Nucle	ear Reactors	421			
Sum	imary	426				

#### **17** Writing the Research Report 427

Some Preliminary Considerations 428 Introduction 431 Method 434 Results 437 Discussion 443 Summary or Abstract 444 References 445 Appendix 446 Some Suggestions on Procedure and Style 447

#### **18** Ethical Implications 452

Why Ethical Issues Arise in Research with Human Beings
Balancing the Costs of Questionable Practices against the Potential Benefits of the Research 455
Questionable Practices Involving Research Participants
Responsibilities to Research Participants after Completion of the Research 494

Ethical Issues in the Utilization of Research 505 Summary 510

Glossary 511 Bibliography 521

Name Index	549
Name much	34/
Subject Index	553