

# Brief Table of Contents

List of Displays	xiii
Preface to the Third Edition by Johnny Saldaña	xvii
Acknowledgments From the Second Edition by Matthew B. Miles and A. Michael Huberman	xxi
About the Authors	xxiii
Part One – The Substantive Start . . . . .	1
Chapter 1 - Introduction	3
Chapter 2 - Research Design and Management	17
Chapter 3 - Ethical Issues in Analysis	55
Chapter 4 - Fundamentals of Qualitative Data Analysis	69
Part Two – Displaying the Data . . . . .	105
Chapter 5 - Designing Matrix and Network Displays	107
Chapter 6 - Methods of Exploring	121
Chapter 7 - Methods of Describing	161
Chapter 8 - Methods of Ordering	193
Chapter 9 - Methods of Explaining	221
Chapter 10 - Methods of Predicting	255
Part Three – Making Good Sense . . . . .	273
Chapter 11 - Drawing and Verifying Conclusions	275
Chapter 12 - Writing About Qualitative Research	323
Chapter 13 - Closure	339
Appendix – An Annotated Bibliography of Qualitative Research Resources	345
References	363
Author Index	369
Subject Index	373

# Contents

List of Displays	xiii
Preface to the Third Edition by Johnny Saldaña	xvii
Acknowledgments From the Second Edition by Matthew B. Miles and A. Michael Huberman	xxi
About the Authors	xxiii

## Part One – The Substantive Start . . . . . 1

### Chapter 1 - Introduction . . . . . 3

The Purpose of This Book	4
The Nature of This Book	5
Audiences	5
Approach	6
Our Orientation	6
Genres of Qualitative Research	8
An Approach to Qualitative Data Analysis	9
Analytic Methods: Some Common Features	10
The Nature of Qualitative Data	10
General Nature	10
Strengths of Qualitative Data	11
Our View of Qualitative Data Analysis	12
Data Condensation	12
Data Display	12
Drawing and Verifying Conclusions	13
Suggestions for Readers	15
Students and Other Novice Researchers	15
Experienced Researchers	15
Teachers of Qualitative Research Methods Courses	16
Closure and Transition	16

### Chapter 2 - Research Design and Management . . . . . 17

Introduction	18
Tight Versus Loose Designs: Some Trade-Offs	19
Building a Conceptual Framework	20
Description and Rationale	20
Examples	21
Advice	25

Formulating Research Questions	25
Description and Rationale	25
Example	26
Advice	27
Defining the Case	28
Description and Rationale	28
Examples	28
Advice	30
Sampling: Bounding the Collection of Data	30
Description and Rationale	30
Key Features of Qualitative Sampling	31
General Sampling Strategies	32
Within-Case Sampling	33
Multiple-Case Sampling	33
Example	34
Advice	36
Instrumentation	37
Description and Rationale	37
Example	40
Advice	42
Linking Qualitative and Quantitative Data	42
Approaches to Mixed-Methods Designs	43
Management Issues Bearing on Analysis	45
Computer and Software Use	46
Data Management	50
Staffing and Time Planning	52
Closure and Transition	53
Note	53

## **Chapter 3 - Ethical Issues in Analysis . . . . . 55**

Introduction	56
Agreements With Study Participants	56
Ethical Issues	58
Worthiness of the Project	59
Competence	59
Informed Consent	59
Benefits, Costs, and Reciprocity	60
Harm and Risk	61
Honesty and Trust	62
Privacy, Confidentiality, and Anonymity	62
Intervention and Advocacy	64
Research Integrity and Quality	64
Ownership of Data and Conclusions	65
Use and Misuse of Results	66
Conflicts, Dilemmas, and Trade-Offs	66
Closure and Transition	68

## **Chapter 4 - Fundamentals of Qualitative Data Analysis. . . . . 69**

Introduction	70
Data Processing and Preparation	71
First-Cycle Codes and Coding	71
Description	71
Applications	73
First-Cycle Coding Examples	73
Creating Codes	81
Revising Codes	82
Structure and Unity in Code Lists	82
Definitions of Codes	84
Levels of Coding Detail	85
Second Cycle Coding: Pattern Codes	86
Description	86
Applications	86
Examples	86
From Codes to Patterns	89
Coding Advice	93
Jottings	93
Analytic Memoing	95
Description and Rationale	95
Examples	96
On Visual Data	98
Memoing Advice	99
Assertions and Propositions	99
Within-Case and Cross-Case Analysis	100
Purposes of Cross-Case Analysis	101
A Key Distinction: Variables Versus Cases	101
Strategies for Cross-Case Analysis	102
Closure and Transition	104

## **Part Two – Displaying the Data . . . . . 105**

### **Chapter 5 - Designing Matrix and Network Displays. . . . . 107**

Introduction	108
Display Format Options	109
Matrices	109
Networks	111
Timing of Display Design	112
Formatting the Matrix Template	113
Entering Matrix and Network Data	115
Making Inferences and Drawing Conclusions From	
Matrices and Networks	117
The Methods Profiles	118
Closure and Transition	119

**Chapter 6 - Methods of Exploring . . . . .121**

Introduction	122
Exploring Fieldwork in Progress	122
Data Accounting Log	122
Contact Summary Form	124
Case Analysis Meeting	128
Interim Case Summary	131
Partially Ordered Meta-Matrix	135
Explanatory Effects Matrix	140
Exploring Variables	142
Checklist Matrix	142
Content-Analytic Summary Table	148
Contrast Table	150
Two-Variable Case-Ordered Matrix	152
Exploring Reports in Progress	154
Pre-structured Case	154
Sequential Analyses	157
Closure and Transition	159

**Chapter 7 - Methods of Describing . . . . .161**

Introduction	162
Describing Participants	162
Role-Ordered Matrix	162
Context Chart	167
Describing Variability	170
Construct Table	171
Conceptually Clustered Matrix	173
Folk Taxonomy	179
Describing Action	182
Vignettes	182
Poetic Display	185
Cognitive Maps	187
Closure and Transition	192

**Chapter 8 - Methods of Ordering . . . . .193**

Introduction	194
Ordering by Time	194
Event-Listing Matrix	194
Growth Gradient	198
Time-Ordered Matrix	202
Ordering Processes	206
Decision Modeling	206
Event-State Network	209
Composite Sequence Analysis	211

Ordering by Cases	214
Case-Ordered Descriptive Meta-Matrix	214
Closure and Transition	220

## **Chapter 9 - Methods of Explaining . . . . . 221**

Introduction	222
Explaining Interrelationship	223
Variable-by-Variable Matrix	223
Explaining Change	228
Effects Matrix	228
Case Dynamics Matrix	231
Explaining Causation	234
Causal Chains	235
Causal Network: Within-Case Analysis	236
Causal Network: Cross-Case Analysis	247
Closure and Transition	253

## **Chapter 10 - Methods of Predicting . . . . . 255**

Introduction	256
Methods of Predicting	256
Making and Testing Predictions	256
Prediction-Outcome-Consequences Matrix	262
Causal-Prediction Models	266
Closure and Transition	272

## **Part Three – Making Good Sense . . . . . 273**

### **Chapter 11 - Drawing and Verifying Conclusions . . . . . 275**

Introduction	276
Tactics for Generating Meaning	277
1. Noting Patterns, Themes	277
2. Seeing Plausibility	278
3. Clustering	279
4. Making Metaphors	280
5. Counting	282
6. Making Contrasts/Comparisons	284
7. Partitioning Variables	285
8. Subsuming Particulars Into the General	285
9. Factoring	286
10. Noting the Relations Between Variables	287
11. Finding Intervening Variables	289
12. Building a Logical Chain of Evidence	290
13. Making Conceptual/Theoretical Coherence	292
Tactics for Testing or Confirming Findings	293
1. Checking for Representativeness	295

2. Checking for Researcher Effects	296
3. Triangulating	299
4. Weighting the Evidence	300
5. Checking the Meaning of Outliers	301
6. Using Extreme Cases	302
7. Following Up Surprises	303
8. Looking for Negative Evidence	304
9. Making If-Then Tests	304
10. Ruling Out Spurious Relations	305
11. Replicating a Finding	307
12. Checking Out Rival Explanations	308
13. Getting Feedback From Participants	309
Standards for the Quality of Conclusions	310
Objectivity/Confirmability	311
Reliability/Dependability/Auditability	312
Internal Validity/Credibility/Authenticity	312
External Validity/Transferability/Fittingness	314
Utilization/Application/Action Orientation	314
Analytic Documentation	315
The Problem	315
Illustration	317
Closure and Transition	322

**Chapter 12 - Writing About Qualitative Research . . . . . 323**

Introduction	324
Audiences and Effects	325
The Reader and the Writer	325
Types of Effects	326
Voices, Genres, and Stances	327
Writing Example	328
Formats and Structures	332
Traditional Presentation Modes	333
Progressive Presentation Modes	334
On Theses and Dissertations	335
Closure and Transition	337

**Chapter 13 - Closure . . . . . 339**

Qualitative Analysis at a Glance	339
Reflections	341
Final Advice	343

**Appendix – An Annotated Bibliography of Qualitative Research Resources 345**

References	363
Author Index	369
Subject Index	373