

# Detailed contents

Abbreviations	xx
About the authors	xxii
About the students and supervisors	xxiv
Guided tour of textbook features	xxviii
Guided tour of the Online Resource Centre	xxx
About the book	xxxii
Acknowledgements	xxxviii
Reviewers	xxxix

## Part One

1

<b>Chapter 1</b>	<b>Business research strategies</b>	<b>3</b>
	Introduction	4
	The nature of business research	5
	Theory and research	7
	What type of theory?	7
	Deductive and inductive theory	11
	Epistemological considerations	15
	A natural science epistemology: positivism	15
	Interpretivism	16
	Ontological considerations	20
	Objectivism	21
	Constructionism	21
	Relationship of epistemology and ontology to business research	23
	Competing paradigms	24
	Research strategy: quantitative and qualitative	26
	Influences on the conduct of business research	29
	Personal values	29
	The politics of business research	32
	Practical considerations	35
	<i>Key points</i>	36
	<i>Questions for review</i>	37
<b>Chapter 2</b>	<b>Research designs</b>	<b>39</b>
	Introduction	40
	Criteria in business research	41
	Reliability	41
	Replication	41
	Validity	42

	Research designs	45
	Experimental design	45
	Cross-sectional design	53
	Longitudinal design(s)	57
	Case study design	59
	Comparative design	63
	Level of analysis	67
	Bringing research strategy and research design together	68
	<i>Key points</i>	69
	<i>Questions for review</i>	69
<b>Chapter 3</b>	<b>Planning a research project and formulating research questions</b>	71
	Introduction	72
	Get to know what is expected of you by your institution	72
	Thinking about your research area	73
	Using your supervisor	74
	Managing time and resources	76
	Formulating suitable research questions	79
	Writing your research proposal	84
	Preparing for your research	85
	Doing your research and analysing your results	86
	<i>Checklist</i>	88
	<i>Key points</i>	88
	<i>Questions for review</i>	88
<b>Chapter 4</b>	<b>Getting started: reviewing the literature</b>	90
	Introduction	91
	Reviewing the existing literature and engaging with what others have written	91
	Getting the most from your reading	94
	Systematic review	94
	Narrative review	101
	Searching the existing literature and looking for business information	103
	Electronic databases	104
	Keywords and defining search parameters	108
	Referencing your work	111
	The role of the bibliography	115
	Avoiding plagiarism	116
	<i>Checklist</i>	119
	<i>Key points</i>	119
	<i>Questions for review</i>	119
<b>Chapter 5</b>	<b>Ethics in business research</b>	121
	Introduction	122
	Ethical principles	128
	Harm to participants	128
	Lack of informed consent	132
	Invasion of privacy	136
	Deception	136

Other ethical and legal considerations	138
Data management	139
Copyright	140
Reciprocity and trust	141
Affiliation and conflicts of interest	142
The difficulties of ethical decision-making	143
<i>Checklist</i>	144
<i>Key points</i>	145
<i>Questions for review</i>	145

## Part Two

147

<b>Chapter 6</b>	<b>The nature of quantitative research</b>	149
	Introduction	150
	The main steps in quantitative research	150
	Concepts and their measurement	153
	What is a concept?	153
	Why measure?	154
	Indicators	154
	Using multiple-indicator measures	156
	Dimensions of concepts	157
	Reliability and validity	157
	Reliability	157
	Stability	157
	Internal reliability	158
	Inter-observer consistency	159
	Validity	159
	Face validity	160
	Concurrent validity	160
	Predictive validity	160
	Construct validity	160
	Convergent validity	160
	Reflections on reliability and validity	160
	The main preoccupations of quantitative researchers	163
	Measurement	163
	Causality	163
	Generalization	163
	Replication	165
	The critique of quantitative research	167
	Criticisms of quantitative research	167
	Is it always like this?	169
	Reverse operationism	169
	Reliability and validity testing	169
	Sampling	170
	<i>Key points</i>	170
	<i>Questions for review</i>	171
<b>Chapter 7</b>	<b>Sampling</b>	172
	Introduction	173
	Introduction to sampling	175
	Sampling error	177

<b>Types of probability sample</b>	179
Simple random sample	179
Systematic sample	180
Stratified random sampling	181
Multi-stage cluster sampling	181
<b>The qualities of a probability sample</b>	185
<b>Sample size</b>	187
Absolute and relative sample size	187
Time and cost	188
Non-response	188
Heterogeneity of the population	189
Kind of analysis	189
<b>Types of non-probability sampling</b>	190
Convenience sampling	190
Snowball sampling	192
Quota sampling	193
<b>Limits to generalization</b>	195
<b>Error in survey research</b>	196
<i>Key points</i>	198
<i>Questions for review</i>	198
<b>Chapter 8    Structured interviewing</b>	200
<b>Introduction</b>	201
<b>The structured interview</b>	202
Reducing error due to interviewer variability	202
Accuracy and ease of data processing	203
Other types of interview	204
<b>Interview contexts</b>	205
More than one interviewee	205
More than one interviewer	206
In person or by telephone?	206
Computer-assisted interviewing	209
<b>Conducting interviews</b>	210
Know the schedule	210
Introducing the research	210
Rapport	211
Asking questions	211
Recording answers	212
Clear instructions	213
Question order	213
Probing	215
Prompting	216
Leaving the interview	217
Training and supervision	217
<b>Other approaches to structured interviewing</b>	218
Critical incident method	219
Projective methods, pictorial and photo elicitation	220
Verbal protocol approach	221
Repertory grid technique	223
<b>Problems with structured interviewing</b>	225
Characteristics of interviewers	225
Response sets	226

	The problem of meaning	227
	The feminist critique	227
	<i>Key points</i>	228
	<i>Questions for review</i>	228
<b>Chapter 9</b>	<b>Self-completion questionnaires</b>	230
	Introduction	231
	Self-completion questionnaire or postal questionnaire?	231
	Evaluating the self-completion questionnaire in relation to the structured interview	232
	Advantages of the self-completion questionnaire over the structured interview	232
	Disadvantages of the self-completion questionnaire in comparison to the structured interview	233
	Steps to improve response rates to postal questionnaires	234
	<b>Designing the self-completion questionnaire</b>	238
	Do not cramp the presentation	238
	Clear presentation	238
	Vertical or horizontal closed answers?	238
	Identifying response sets in a Likert scale	240
	Clear instructions about how to respond	240
	Keep question and answers together	240
	<b>Diaries as a form of self-completion questionnaire</b>	240
	Advantages and disadvantages of the diary as a method of data collection	243
	<i>Key points</i>	245
	<i>Questions for review</i>	246
<b>Chapter 10</b>	<b>Asking questions</b>	247
	Introduction	248
	Open or closed questions?	248
	Open questions	248
	Closed questions	250
	Types of question	253
	Rules for designing questions	255
	General rules of thumb	255
	Specific rules when designing questions	255
	Vignette questions	261
	Piloting and pre-testing questions	262
	Using existing questions	263
	<i>Checklist</i>	265
	<i>Key points</i>	266
	<i>Questions for review</i>	267
<b>Chapter 11</b>	<b>Structured observation</b>	269
	Introduction	270
	Problems with survey research on behaviour	270
	So why not observe behaviour?	271
	The observation schedule	275
	Strategies for observing behaviour	276
	Sampling	277
	Sampling people	277
	Sampling in terms of time	277

Further sampling considerations	277
Issues of reliability and validity	279
Reliability	279
Validity	280
<b>Other forms of structured observation</b>	281
Field stimulation	281
Organizational simulation	283
<b>Criticisms of structured observation</b>	285
On the other hand . . .	285
<i>Checklist</i>	286
<i>Key points</i>	286
<i>Questions for review</i>	286
<b>Chapter 12 Content analysis</b>	288
Introduction	289
What are the research questions?	292
Selecting a sample	292
Sampling media	292
Sampling dates	293
What is to be counted?	295
Significant actors	295
Words	296
Subjects and themes	297
Dispositions	298
Images	298
Coding	299
Coding schedule	299
Coding manual	300
Potential pitfalls in devising coding schemes	300
Advantages of content analysis	305
Disadvantages of content analysis	308
<i>Checklist</i>	309
<i>Key points</i>	309
<i>Questions for review</i>	309
<b>Chapter 13 Secondary analysis and official statistics</b>	311
Introduction	312
Other researchers' data	313
Advantages of secondary analysis	313
Limitations of secondary analysis	320
Accessing the UK Data Archive	323
Official statistics	327
Reliability and validity	328
Condemning and resurrecting official statistics	329
Official statistics as a form of unobtrusive measure	330
<i>Key points</i>	331
<i>Questions for review</i>	332
<b>Chapter 14 Quantitative data analysis</b>	333
Introduction	334
A small research project	335
Missing data	338

Types of variable	340
Univariate analysis	342
Frequency tables	342
Diagrams	343
Measures of central tendency	344
Measures of dispersion	344
Bivariate analysis	346
Relationships not causality	346
Contingency tables	347
Pearson's $r$	347
Spearman's rho	349
Phi and Cramér's $V$	350
Comparing means and eta	350
Multivariate analysis	350
Could the relationship be spurious?	351
Could there be an intervening variable?	351
Could a third variable moderate the relationship?	352
Statistical significance	352
The chi-square test	355
Correlation and statistical significance	355
Comparing means and statistical significance	356
<i>Checklist</i>	356
<i>Key points</i>	356
<i>Questions for review</i>	357
<b>Chapter 15 Using SPSS for Windows</b>	<b>359</b>
Introduction	360
Getting started in SPSS	362
Beginning SPSS	362
Entering data in the Data Viewer	362
Defining variables: variable names, missing values, variable labels, and value labels	363
Recoding variables	364
Computing a new variable	367
Data analysis with SPSS	368
Generating a frequency table	368
Generating a bar chart	368
Generating a pie chart	371
Generating a histogram	371
Generating the arithmetic mean, median, standard deviation, the range, and boxplots	372
Generating a contingency table, chi-square, and Cramér's $V$	372
Generating Pearson's $r$ and Spearman's rho	374
Generating scatter diagrams	374
Comparing means and eta	377
Generating a contingency table with three variables	380
Further operations in SPSS	381
Saving your data	381
Retrieving your data	381
Printing output	381
<i>Key points</i>	381
<i>Questions for review</i>	382

<b>Chapter 16</b>	<b>The nature of qualitative research</b>	385
	Introduction	386
	The main steps in qualitative research	389
	Theory and research	392
	Concepts in qualitative research	393
	Reliability and validity in qualitative research	394
	Adapting reliability and validity for qualitative research	395
	Alternative criteria for evaluating qualitative research	395
	Recent discussions about quality criteria for qualitative research	399
	The main preoccupations of qualitative researchers	401
	Seeing through the eyes of the people being studied	402
	Description and the emphasis on context	403
	Emphasis on process	404
	Flexibility and limited structure	405
	Concepts and theory grounded in data	406
	The critique of qualitative research	408
	Qualitative research is too subjective	408
	Difficult to replicate	408
	Problems of generalization	408
	Lack of transparency	409
	Is it always like this?	409
	Some contrasts between quantitative and qualitative research	410
	Some similarities between quantitative and qualitative research	412
	Researcher–subject relationships	413
	Action research	413
	Cognitive mapping	415
	Feminism and qualitative research	417
	Collaborative and participatory research	419
	<i>Key points</i>	421
	<i>Questions for review</i>	421
<b>Chapter 17</b>	<b>Ethnography and participant observation</b>	423
	Introduction	424
	Organizational ethnography	425
	Access	427
	Overt versus covert?	433
	Ongoing access	435
	Key informants	436
	Roles for ethnographers	436
	Active or passive?	440
	Sampling	441
	Purposive sampling	441
	Theoretical sampling	441
	Not just people	443
	Field notes	444
	Types of field notes	447



Bringing ethnographic fieldwork to an end	448
Can there be a feminist ethnography?	449
Visual ethnography	451
<i>Key points</i>	462
<i>Questions for review</i>	462
<b>Chapter 18 Interviewing in qualitative research</b>	<b>464</b>
Introduction	465
Differences between the structured interview and the qualitative interview	466
Unstructured and semi-structured interviewing	467
Preparing an interview guide	473
Kinds of questions	477
Using an interview guide: an example	480
Recording and transcription	482
Telephone interviewing	488
Sampling	489
Feminist research and interviewing in qualitative research	493
Qualitative interviewing versus participant observation	494
Advantages of participant observation in comparison to qualitative interviewing	495
Advantages of qualitative interviewing in comparison to participant observation	496
Overview	498
<i>Checklist</i>	498
<i>Key points</i>	499
<i>Questions for review</i>	499
<b>Chapter 19 Focus groups</b>	<b>501</b>
Introduction	502
Uses of focus groups	503
Conducting focus groups	505
Recording and transcription	505
How many groups?	507
Size of groups	508
Level of moderator involvement	510
Selecting participants	511
Asking questions	511
Beginning and finishing	513
Group interaction in focus group sessions	513
The focus group as a feminist method	514
Limitations of focus groups	515
<i>Checklist</i>	517
<i>Key points</i>	517
<i>Questions for review</i>	518
<b>Chapter 20 Language in qualitative research</b>	<b>519</b>
Introduction	520
Fine-grained approaches	520
Conversation analysis	521
Discourse analysis	525

Narrative analysis	531
Rhetorical analysis	533
Context-sensitive approaches	537
Critical discourse analysis	538
Overview	540
<i>Key points</i>	541
<i>Questions for review</i>	541
<b>Chapter 21 Documents as sources of data</b>	<b>543</b>
Introduction	544
Personal documents	545
Public documents	548
Organizational documents	550
Mass media outputs	552
Visual documents	553
Virtual documents	557
The world as text	558
Readers and audiences—active or passive?	558
The reality of documents	559
Interpreting documents	560
Qualitative content analysis	560
Semiotics	561
Hermeneutics	563
Historical analysis	564
<i>Checklist</i>	567
<i>Key points</i>	567
<i>Questions for review</i>	568
<b>Chapter 22 Qualitative data analysis</b>	<b>570</b>
Introduction	571
General strategies of qualitative data analysis	574
Analytic induction	574
Grounded theory	577
More on coding	584
Steps and considerations in coding	585
Turning data into fragments	587
Problems with coding	588
Secondary analysis of qualitative data	590
<i>Key points</i>	591
<i>Questions for review</i>	591
<b>Chapter 23 Computer-assisted qualitative data analysis: using NVivo</b>	<b>592</b>
Introduction	593
Is CAQDAS like quantitative data analysis software?	594
No industry leader	594
Lack of universal agreement about the utility of CAQDAS	594
Learning NVivo	596
Coding	597
Searching text	603

Memos	606
Saving an NVivo project	607
Opening an existing NVivo project	607
Final thoughts	607
<i>Key points</i>	608
<i>Questions for review</i>	609

## Part Four

611

<b>Chapter 24</b>	<b>Breaking down the quantitative/qualitative divide</b>	613
	Introduction	614
	The natural science model and qualitative research	615
	Quantitative research and interpretivism	617
	Quantitative research and constructionism	618
	Epistemological and ontological considerations	619
	Problems with the quantitative/qualitative contrast	619
	Behaviour versus meaning	619
	Theory tested in research versus emergent from data	620
	Numbers versus words	621
	Artificial versus natural	621
	Reciprocal analysis	623
	Qualitative analysis of quantitative data	623
	Quantitative analysis of qualitative data	623
	Quantification in qualitative research	624
	Thematic analysis	624
	Quasi-quantification in qualitative research	624
	Combating anecdotalism through limited quantification	625
	<i>Key points</i>	625
	<i>Questions for review</i>	626
<b>Chapter 25</b>	<b>Mixed methods research: combining quantitative and qualitative research</b>	627
	Introduction	628
	The argument against mixed methods research	629
	The embedded methods argument	629
	The paradigm argument	629
	Two versions of the debate about quantitative and qualitative research	630
	The rise of mixed methods research	630
	Approaches to mixed methods research	631
	The logic of triangulation	631
	Qualitative research facilitates quantitative research	634
	Quantitative research facilitates qualitative research	635
	Filling in the gaps	636
	Static and processual features	637
	Research issues and participants' perspectives	637
	The problem of generality	638
	Qualitative research may facilitate the interpretation of the relationship between variables	639
	Studying different aspects of a phenomenon	640
	Solving a puzzle	643

Reflections on mixed methods research	643
<i>Key points</i>	645
<i>Questions for review</i>	645
<b>Chapter 26 E-research: Internet research methods</b>	646
Introduction	647
The Internet as object of analysis	648
Using websites to collect data from individuals	651
Virtual ethnography	652
Qualitative research using online focus groups	655
Qualitative research using online personal interviews	659
Online social surveys	661
Email surveys	661
Web surveys	662
Mixed modes of survey administration	663
Sampling issues	663
Overview	669
Ethical considerations in e-research	669
The state of e-research	673
<i>Key points</i>	673
<i>Questions for review</i>	674
<b>Chapter 27 Writing up business research</b>	675
Introduction	676
Writing up your research	677
Start early	677
Be persuasive	679
Get feedback	679
Avoid sexist, racist, and disablist language	681
Structure your writing	681
Writing up quantitative, qualitative, and mixed methods research	684
An example of quantitative research	684
Introduction	685
Theory and hypotheses	686
Methods	686
Results	687
Discussion	687
Lessons	687
An example of qualitative research	689
Introduction	690
Review of the literature	690
Methods	691
Presentation of main themes	691
Discussion	691
Implications	691
Lessons	692
An example of mixed methods research	692
Introduction	694
The Russian context	694
Organizational culture and effectiveness	694

Research questions	695
Testing the model: a comparative study	695
Taking a closer look: four case studies	695
Discussion	696
Lessons	697
<b>Postmodernism and reflexivity</b>	697
<b>Writing ethnography</b>	703
Experiential authority	703
Typical forms	704
The native's point of view	705
Interpretative omnipotence	706
Ways of writing differently	706
<i>Checklist</i>	708
<i>Key points</i>	710
<i>Questions for review</i>	710
Glossary	712
References	721
Author index	745
Subject index	751