

# CONTENTS

<i>List of Tables and Boxes</i>	ix
<i>About the Author</i>	xi
<b>1 Introduction</b>	<b>1</b>
Why Do We Need to Worry About Sampling and Survey Design?	2
The Approach of This Volume	3
Overview of the Content of This Volume	5
<b>2 Sampling Approaches: How to Achieve Representativeness</b>	<b>9</b>
Introduction	10
Populations and Sampling Frames	12
Probability and Non-Probability Sampling	15
Approaches to Probability Sampling	16
<i>Simple Random Sampling</i>	16
<i>Cluster and Multistage Sampling</i>	18
<i>Stratified Sampling</i>	19
Approaches to Non-Probability Sampling	20
<i>Quota Sampling</i>	21
<i>Common Alternative Non-Probability Sampling Methods</i>	24
<i>Respondent-Driven Sampling</i>	25
<b>3 Sampling Mode: How We Actually Collect the Data</b>	<b>31</b>
Introduction	32
Data Collection Methods	32
<i>Face-to-Face</i>	33
<i>Telephone</i>	35
<i>Direct Mail</i>	37
<i>Internet Based</i>	39
<i>Combining Methods</i>	41
Considering Non-Response Bias	43
Adjustments After Data Collection: Weighting	46



<i>Applying Weights to Account for Response Biases</i>	46
<i>Applying Weights to Account for Attrition</i>	48
<b>4 Questionnaire Design: Asking the Right Questions</b>	<b>53</b>
Introduction	54
Distinguishing Between Different Types of Questions	55
<i>Open- and Closed-Ended Questions</i>	55
<i>Single-Answer Multiple-Choice Questions</i>	55
<i>Multiple-Answer-Item Questions</i>	57
<i>Likert Scale Questions</i>	58
<i>Numerical Scale Questions</i>	60
<i>Ranking Questions</i>	61
<i>Open Format (With Predetermined Units)</i>	62
What Makes Good Questions – and Some Common Pitfalls	62
<i>Non-Discrete Questions</i>	64
<i>Providing Non-Discrete Answer Option Sets</i>	66
<i>Providing Uncomprehensive Answer Option Sets</i>	68
<i>Leading Questions</i>	70
<i>Social Desirability</i>	71
Thinking About the Questionnaire Structurally	72
<i>The Effect of Question and Answer Option Order</i>	72
<i>Linking Questions for Analyses</i>	74
<i>Validity and Reliability Concerns</i>	76
Conclusion	78
<b>5 Ensuring Survey Quality: Piloting, Checks and Cross-Cultural Comparability</b>	<b>81</b>
Introduction	82
The Complex Path to a Good-Quality Survey	82
Pre-Fieldwork Quality Checks	87
<i>Cognitive Interviewing</i>	87
<i>Piloting</i>	89
<i>Interviewer Preparation and Briefings</i>	90
<i>Translation</i>	93
Post-Fieldwork Quality Checks	94
<i>Data Cleaning</i>	94
<i>Sensitivity Analyses</i>	96
<i>Cross-Cultural Construct Validity</i>	97



6 Conclusion

103

Glossary	109
References	111
Index	119