

# Introduction to Quantitative Research

### *Chapter Checklist*

*After reading this chapter, you should be able to:*

1. Describe quantitative research and its assumptions.
  2. Identify examples of quantitative research.
  3. Explain analytic deduction.
  4. Explain the five-component model for quantitative research.
  5. Explain the role of hypotheses in quantitative research.
  6. Assess the effectiveness of hypotheses in quantitative research.
  7. Explain why research questions are used in quantitative research.
  8. Distinguish among concepts, conceptual schemes, constructs, variables, and operationalizations.
  9. Identify independent and dependent variables.
  10. Explain the relationship between independent and dependent variables.
  11. Explain the advantages and disadvantages of quantitative research.
  12. Describe issues of reliability and validity that must be addressed in quantitative research.
-