

Unit Objectives

Upon completion of this unit, the student will be able to:

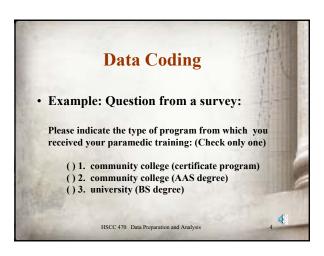
- Describe the purpose of coding data
- Describe the process of coding data
- List the rules for coding data
- Correlate data codes and the level of measurement of data
- Describe how to deal with missing responses, incorrect responses, and "don't know" responses
- Discuss how to develop a code book
- List and describe the various data coding formats
- List and describe the various means for entering data
- List and describe how to verify your data once they have been entered

HSCC 470 Data Preparation and Analysis

Data Preparation and Analysis

- · Data Coding
 - The process of converting data into a form that can be analyzed by computer.
- Some data are quantitative and do not need to be coded (ex: heart rate)
- Other data need to be converted into quantitative information

HSCC 470 Data Preparation and Analysis



Data Coding continued • Other data are not amenable to computer analysis - Open-ended questions - Some types of observation data HSCC 470 Data Preparation and Analysis

Examples of Coding • Indicate your gender: (Circle one) A. Male B. Female • 1 = male 2 = female • Nominal scale

Rules for Coding intuitive mutually exclusive collectively exhaustive when in doubt, create another category match coding with highest level of data measurement selection of statistical tests is limited by data type construct codebook BEFORE printing final draft of instrument keep it simple

Miscellaneous Codes • missing answer 9 or 99 or 999, etc. • incorrect response 8 or 88 or 888, etc. • don't know 7 or 77 or 777, etc.

