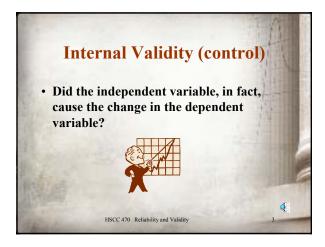
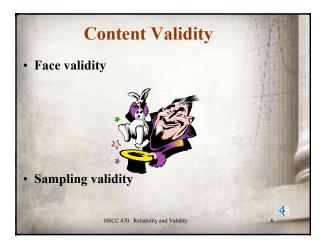


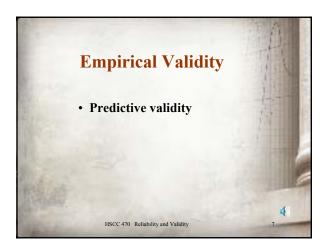
Unit Objectives Upon completion of this unit, the student will be able to: Define internal validity. List and explain the major intrinsic and extrinsic threats to internal validity. Define external validity. Describe major threats to external validity. Define content validity. Define empirical validity. Define empirical validity. Explain reliability. Describe techniques for ensuring valid and reliable research.





External Validity (generalizability) • If the independent variable is manipulated in a similar way in the general population, will we get the same results as observed in our experimental group? - Representativeness of the sample - Reactive arrangements





Construct Validity • What is the instrument actually measuring? HSCC 470 Reliability and Validity

Reliability • Will my instrument always give me the same result under similar circumstances? - Test-retest method - Parallel-forms technique - Split-half technique - Inter-observer technique HSCC 470 Reliability and Validity