

VARIABLES AND PSYCHOLOGICAL MEASUREMENT

Assignment

Beins, Chapter 4, pps 81-91, 106-11

Stangor, Chapter 4 (ER)

Mitchell & Jolley, Chapter 3 (ER)

Terms you should know.

Variable

Predictor

Criterion

Independent Variable

Dependent Variable

Operational Definition

Measurement issues

Subjective vs. Objective
Measurement

Quantitative vs Categorical
Measurement

Discrete vs Continuous
Variables

Reliability
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Interrater Reliability
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Test-retest Reliability
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Internal Consistency
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Validity
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Face Validity
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Content Validity
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Criterion Related Validity
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Predictive Validity
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Concurrent Validity
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Construct Validity
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Convergent Validity
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Discriminant Validity
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Measurement Modes

Physiological
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Behavioral
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Self Reports
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Effective Range
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Floor Effect
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Ceiling Effect
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Obtrusive Measurement
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Unobtrusive Measurement
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Demand Characteristics
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Application

1. The following questions relate to the Holtzer et. al. article, *Chapman-Cook Speed of Reading Test: Performance of College Students* (Patten Article 28)

- a. What are the major goals of this article?

- b. If you had to classify this article as a reliability or validity study (or both) how would you classify it? Why?

- c. What does the Chapman-Cook test purport to do, and how does it do it?

- d. Results and Discussion.
 - i. What is the relationship between the Chapman-Cook and the Kauffman Full Scale IQ?

 - ii. The following question relates to lines 85-95.

The authors state, 'Some information not available from tests currently used in assessment of reading and verbal intelligence may be provided by the Chapman-Cook test.' What does this mean?

 - iii. What limitations did the authors point out?

- iv. What limitations do you see based on the sample that the authors chose for
 - (1) The reliability study?

 - (2) The comparison of the Chapman-Cook and the other reading measures?

- e. The authors state, 'The short administration time of the Chapman-Cook test makes it attractive for quick screening of reading.' As a school psychologist, would you want to use the Chapman-Cook as a diagnostic tool? Why or why not?