
MEASUREMENT AND ASSESSMENT I

TEST CRITIQUE ASSIGNMENT

Whether designing a research study or making educational decisions, as an educational researcher you will select tests to provide you with information regarding variable(s) of interest. In this assignment, you will apply your knowledge of measurement and assessment to evaluate the appropriateness of a test for a specified use.

Critically examine the information presented about the test to determine the adequacy of the evidence for establishing the appropriateness of the uses and/or interpretations of the test. Examine the sources of evidence presented, method of presentation, and overall evaluation of validity. Provide recommendations or conclusions about the adequacy of the evidence. Evaluations should be grounded in the class discussion and course readings. You may find the class discussion and optional reading by Cizek, Rosenberg, and Koons (2008) particularly relevant. Use the resources available at: <https://guides.smu.edu/tests> to complete this assignment.

Depending on the resources available for the test you've chosen, you can either:

- (a) examine a test (including the manual), consult the Mental Measurements Yearbook with Tests in Print database, and read two research articles about the test, OR
- (b) if the test and accompanying manual are not available, consult the Mental Measurements Yearbook with Tests in Print database and read three research articles about the test.

SCORING GUIDE FOR TEST CRITIQUE

A. TEST INFORMATION – 4 POINTS

- ï Information is presented about the test. General descriptive information about the structure, format, administration, and scoring is provided.

B. QUALITY OF VALIDITY EVIDENCE – 8 POINTS

- ï Sources of validity evidence are described and evaluated for their clarity.
- ï The quality of the validity evidence presented is critically evaluated based on the intended uses and/or interpretations.
- ï Key points are illustrated with examples.

C. RECOMMENDATIONS AND CONCLUSIONS – 8 POINTS

- ï Strengths and limitations of the evidence are documented with adequate justification.
- ï Appropriateness of the test for the specified use is described and based on the evidence.
- ï Recommendations for improvements to the sources of validity evidences is provided.

D. PRESENTATION – 4 POINTS

- ï Literature is integrated into recommendations and used to justify the central premises.
- ï Paper is prepared following guidelines established by the American Psychological Association, current edition.