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Strategies and Resources to Enhance Test Evaluation and Selection

Janet F. Carlson
Nancy Anderson

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TECHNICAL

Strategies and Resources to Enhance Test Evaluation and Selection
Janet F. Carlson & Nancy Anderson | Buros Center for Testing | University of Nebraska - Lincoln

Excerpts From Test Reviews

Introduction

Testing serves an important function for SPLeo in offering an evidence-based approach, which provides assurance of test validity and reliability. Test validity and reliability are the measures of a test's accuracy and precision, respectively. They are based on statistical analysis and are used to determine whether a test accurately measures what it is intended to measure and is consistent in its results.

Test validity and reliability are essential in the selection of tests for educational and clinical purposes. The Buros Center for Testing provides a centralized resource for test publishers and test users to access information on the validity and reliability of tests. This resource is critical for ensuring that tests are used appropriately and effectively.

Methods

The Buros Center for Testing provides a comprehensive database of test reviews, known as the Buros Omnibus System (BOS). The BOS contains over 10,000 test reviews, which are available to the public. The center also provides technical assistance and training on test evaluation and selection.

Results

The Buros Center for Testing has found that test evaluation and selection is a complex process that requires a thorough understanding of the test's intended use and the population for which it is intended. The center's resources can help test users to make informed decisions about which tests to use and how to use them effectively.

Conclusion

In conclusion, the Buros Center for Testing provides critical resources for test evaluation and selection. These resources are essential for ensuring that tests are used appropriately and effectively. The center's resources can help test users to make informed decisions about which tests to use and how to use them effectively.

For RESOURCES and REFERENCES please see handout

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Resources that Support Test Evaluation and Selection

Information about Tests

- ETS Test Collection Database: [http://www.ets.org/test_link/about](http://www.ets.org/test_link/about)
- Mental Measurements Yearbooks*: [http://buros.org/test-reviews-information](http://buros.org/test-reviews-information)
- Pruebas Publicadas en Espanol*: [http://buros.org/test-reviews-information](http://buros.org/test-reviews-information)
- Test Reviews Online: [https://marketplace.unl.edu/buros/](https://marketplace.unl.edu/buros/)
- Tests in Print*: [http://buros.org/test-reviews-information](http://buros.org/test-reviews-information)

*Available through database subscription services offered by EBSCO and/or Ovid. Check with your reference librarian.

Evaluating Tests

- Using a Mental Measurements Yearbook Review to Evaluate a Test (includes list and definitions of key psychometric terms and concepts): [http://buros.org/using-mental-measurements-yearbook-review-evaluate-test#](http://buros.org/using-mental-measurements-yearbook-review-evaluate-test#)
- Glossaries available via the Buros Center’s Assessment Literacy pages: [http://buros.org/glossaries](http://buros.org/glossaries) includes Glossary of Important Assessment Measurement Terms (National Council on Measurement in Education); Glossary of Testing, Measurement, and Statistical Terms (Riverside Publishing); and Glossary of Standardized Testing Terms (Educational Testing Service)

Testing Standards, Codes, and Guidelines

The Buros Assessment Literacy page [http://buros.org/standards-codes-guidelines](http://buros.org/standards-codes-guidelines) lists 20 documents promulgated by various organizations concerned with testing. Access and/or links to ordering information is provided as well. Among the organizations listed:

- American Association of School Administrators
- American Counseling Association
- American Educational Research Association
- American Federation of Teachers
- American Psychological Association*
- Association for Assessment in Counseling*
- International Test Commission
- Joint Committee on Testing Practice
- National Association of Elementary School Principals
- National Association of Secondary School Principals
- National Association of School Psychologists*
- National Council on Measurement in Education
- National Education Association
- Society for Industrial and Organizational Psychology*

*Document available as PDF download.
References


