

THE COMPANION TO LANGUAGE ASSESSMENT

APPROACHES AND DEVELOPMENT

Edited by Antony John Kunnan

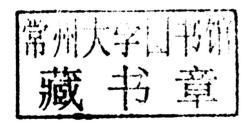


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The Companion to Language Assessment

Edited by *Antony John Kunnan*

Volume II Approaches and Development



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About the Editor

Antony John Kunnan is Professor of English Language and Literature at the National Institute of Education, Nanyang Technological University, Singapore. He has authored and edited books and edited special issues of journals on test validation, test fairness, statistics for language assessment, differential item functioning, and structural equation modeling. His most recent book is *Workbook for Statistics in Language Assessment* (coauthored with Lyle Bachman, 2005). He was the founding editor of *Language Assessment Quarterly*, which he edited from 2003 to 2013, and is past president of the International Language Testing Association.

Introduction to Volume II

This volume presents chapters on overall approaches, assessment and learning, assessment development, and the use of technology. Specifically, the volume opens with chapters on large-scale assessment, norm- and criterion-referenced assessment, task-based assessment, and computer-assisted assessment. These chapters are critical as the ways in which assessments are designed, developed, scored, and interpreted depend largely on the overall approach to assessment. Chapters on different types of assessments are presented next. These include performance, portfolio, dynamic, and self- and peer assessment, monitoring progress and tracking achievement and growth, providing diagnostic feedback, and training test developers in assessment literacy. Chapters on the details of the development process follow. These include defining constructs and assessment design, writing assessment specifications, writing or selecting items and tasks, texts and response formats, and using test-taking strategies. Field testing, standards and guidelines, statistics and software, standard setting, administration, and detecting cheating complete the development process. The volume concludes with forward-looking chapters on the use of technology in language assessment, specifically the use of new media and corpora, eye-tracking, acoustic analysis, and computer-automated scoring of writing.

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Part 5 Assessment Approaches



Large-Scale Assessment

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Introduction

Kunnan (2008) defines large-scale language assessment as tests and testing practices that are designed and managed for "uniformity . . . across geographical regions, administration time, test raters and score interpretation" (p. 135). His definition is consistent with discussions of large-scale tests "as those that are administered to groups of examinees over multiple administrations . . . [and] require that the meaning of the test scores remains steady so that appropriate comparisons can be made and trends measured" (Wendler & Walker, 2006, p. 446). Although large-scale language assessment plays a critical role in contexts such as college admission, immigration, or licensing for occupations, Kunnan (2008) focuses on its role in general education and learning, noting that large-scale language assessment has "become increasingly important in the last 25 years in many parts of the world in school, college, and university contexts" (p. 135). He links the rise of large-scale language assessment to educational reform and accountability policies, but he also discusses its importance in considerations of test fairness a key requirement for test quality and validity (see, for example, Messick, 1989; American Educational Research Association [AERA], American Psychological Association [APA], & National Council on Measurement in Education [NCME], 1999).

Previous Views or Conceptualization

Fairness has long been a goal of large-scale language assessment. Davidson, Turner, and Huhta (1997) highlight its historical origins in the Chinese civil service examination system introduced in imperial China during the Han Dynasty, which

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ruled from 202 BCE to 221 CE. The Chinese examination system was designed to select government bureaucrats on the basis of merit (rather than connections, or privilege) and test administration procedures were systematically defined to achieve fairness through uniformity. Durant gives a vivid description of one such procedure:

In the Examination Hall were ten thousand cells, in which the contestants, cribbed and confined, lived with their own food and bedding for three separate days, while they wrote essays or theses on subjects announced to them after their imprisonment. (Durant, 1935, p. 801)

As Durant's account suggests, large-scale language assessment has been associated with: (1) controls for uniformity across test versions, sites, administrations, raters, and interpretations; (2) large numbers of test takers; (3) high stakes; and (4) bureaucratic or accountability agendas. Further, as Davidson et al. (1997) point out, large-scale language assessment places "value [on] centralized control, because it is thought that such control helps guarantee test quality . . . [which] is often checked using statistics" (p. 305). Implicit in the views of these authors is the role that educational measurement has played in achieving (or attempting to achieve) *uniformity* in testing and testing practices. In the following section two key features of the measurement tradition in large-scale language assessment are briefly discussed: specifically, the psychometric properties of tests, development, and validation; and scale development, norm- and criterion-referenced.

Current Views or Conceptualization

Test Development in Large-Scale Language Testing: From Specifications to Validation

The development of a large-scale language test begins with a clear *mandate*, based on the determination that a need can best be addressed by testing. Next, the specific purpose of the test is defined, for example, to assess the proficiency of a second language (L2) applicant to an English-medium university, or to certify the interactional competence of a technician seeking a license to practice a trade. Then the *construct* and content domain are identified (for example the academic language required for undergraduate study, or the communicative skills required of an electrical technician). Given that uniformity across multiple versions and test sites is a goal of large-scale language assessment, the purpose, construct, and content of a test must be defined in sufficient detail regarding the knowledge, skills, processes, and so on, "so that it is clear whether or not any particular item, content, or skill falls within the scope of the test framework" (Linn, 2006, p. 28).

The next critical step is the development of *test specifications* that "delineate the format of items, tasks or questions; the response format or conditions of responding; and the type of scoring procedures" (AERA, APA, & NCME, 1999, p. 38). Test specifications provide test developers with the blueprint or recipe for the development of multiple versions of a test, which are as parallel or similar as possible. In order to ensure maximum similarity, large-scale testing requires ongoing research