2018 Series 5 (Number 6)

Comprehensive Approaches to Examine Validity Evidences and Measurement Invariance in Educational and Psychology Assessment

Date & Time: 13 December 2018, 13:00 – 14:00 (Light lunch begins at 12:30pm)

Venue: E32-G020, Faculty of Law

Language: English

Audience: UM Staff / Postgraduate Students

Registration: https://bit.ly/2D9k4er

Enquiries: Mr. Brendan LEI (FED_Event@um.edu.mo); Tel: 8822-4120

A Complementary light lunch will be provided.

Abstract

Validity is an important psychometric issue in educational and psychology assessment. Messick's (1995) unitary validity framework emphasizes the meaning and interpretation of the score and implications for unbiased and fair use of the instrument. Measurement invariance refers to the condition in which "respondents from different groups, but with the same true score, will have the same observed score." This presentation will demonstrate a variety of approaches for studies on validity and measurement invariance across groups. Some approaches deal with construct invariance at the item level whereas others rely on data at the subtest (content strand) level. Each approach answers a different type of question. It will also explore the challenges of developing high-quality assessments that are fair, and culturally, linguistically, and developmentally appropriate and present examples of published research findings including the studies with Prof. Chunlian JIANG.

Speaker

Prof. Do-Hong KIM is a professor in Educational Research at Augusta University, University Systems of Georgia. She earned her Ph.D. in Educational Psychology and Research from the University of South Carolina, with an emphasis on quantitative methods and measurement theory. Her research interests include the application of psychometric and quantitative methods to issues in educational and psychological assessment. She has over 15 years of experience in educational research, measurement, and evaluation; published in many reputable journals, and received grant from various foundations including National Science Foundation.