



ePoster Sessions

Monday, March 6, 2017 • 5:30 PM - 7:00 PM

Rating Using Comparison

Room: Kierland Grand Foyer

Practice Area Division(s):

Topic: Measurement and Psychometrics

Session Type: ePoster Session

Description

Rating is an important aspect that is crucial to the quality of assessment. Often assessments are designed in such a way that rating is manageable, and this could result in a limitation of what and how constructs are assessed. Furthermore, it is well known that rater effects could challenge the validity of assessment results for example due to lenience or stringency of the rater or due to halo effects.

An alternative to the rating of assessments is an evaluation based on paired comparisons (e.g. Politt, 2004). In this approach, the only evaluation a rater makes is a judgment which of a pair of candidates performed better. Based on multiple comparisons the test takers can be rank ordered based on their performance. It is also possible to grade performance based on this approach if some of the performances are defined as standard of a typical performance level. Borders between performance levels can be defined based on the standard and the rank order of all performances.

Rating based on comparison could also be used effectively in diagnostic assessments, and will provide a useful approach to engage stakeholders and test takers in rating. As a consequence, the described procedure is valuable in designing assessment with a focus on formative action.

In this session's e-poster, the presenters will describe the approach using paired comparisons and provide results of two studies applying this technique for the evaluation of creativity and for the assessment of personality traits using peer evaluation. They will discuss how this approach can be applied both effectively and efficiently in a variety of settings. Practical considerations will also be given that could influence the applicability of this approach with different types of assessment and evaluation.

This session will aim to give both theoretical and practical insight in rating based on paired comparisons. Test professionals and those responsible for program design could pick up ideas for innovative assessments and alternative rating procedures, and the general public will get a practical overview on what it entails to use evaluation based on paired comparisons.

PRESENTER:

Anton Béguin Cito