Title:
SPECIAL SESSION: Predicting Students’ Academic and Licensure Success: A Review of Methods for High-Stakes Faculty Decision Making

Keywords:
nursing education, testing and testing validity

Description/Overview:
Do you ever wish you had a clear-cut method for evaluating the predictive validity and classification accuracy of standardized exams when establishing admission, progression, and high-stakes testing policy for your nursing students? If you or your faculty colleagues have struggled to establish evidence-based admissions criteria or to evaluate what standardized test score threshold is most predictive of NCLEX-RN outcomes within your program, this session is for you. The purpose of this session is to explore powerful but accessible methods for evaluating the accuracy of binary (e.g., yes/no, pass/fail) decisions including diagnostic/classification accuracy and ROC (receiver operating characteristics) curves. In addition to a detailed discussion and demonstration of various software tools, attendees will be provided access to a detailed spreadsheet application for use in their own programs.

References:

Organizer
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Author Summary: Brandon Kyle Johnson is an Assistant Professor and the Clinical/Simulation Director at Texas Tech University Health Sciences Center School of Nursing. He earned a BSN from Texas Tech, an MSN from Lubbock Christian University, and a PhD from Indiana University. His program of research is focused on roles in simulation, observational learning theory, and knowledge acquisition/knowledge application instrument development.