

Predictive Validity and Workplace-Based Assessments: A Rigorous Framework for Evaluating Operative Performance

There is a critical need for developing systematic scoring approaches for assessing the operative skill of surgical trainees over time.

This project will analyze operative performance evaluations from a popular workplace-based assessment, SIMPL OR, to help surgical training programs identify trainees who are on- or off-track in their development.

It will (1) examine the predictive validity of three distinct models applied to SIMPL OR evaluations and (2) examine the reliability and utility of scores derived from predictive models applied to SIMPL OR evaluations.