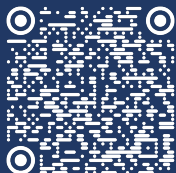


# Generalizing AACP Poster Quality: Rater Experience Matters

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“Scores from *this Rubric reliably differentiated between better and worse poster quality*, but **experience** can matter; consider using Rubric as a checklist when *creating* posters.”



## BACKGROUND

- Research poster presentations are academic conference mainstays, though poster *quality* varies<sup>1,2</sup>
- There is limited research on the reliability of poster scoring processes<sup>3</sup>
- A mixed-approach rubric was used to quickly score poster quality in 5 areas (*organization, order, design/graphics, words, overall*) using 4 levels (*poor, questionable, acceptable, exemplary*)<sup>2</sup>

## OBJECTIVE

- Evaluate measurement properties of the rubric scores when used by pharmacy education experts with different levels of poster rating experience

## METHODS

60 randomly-selected research posters downloaded from 2023 AACP Annual Meeting repository

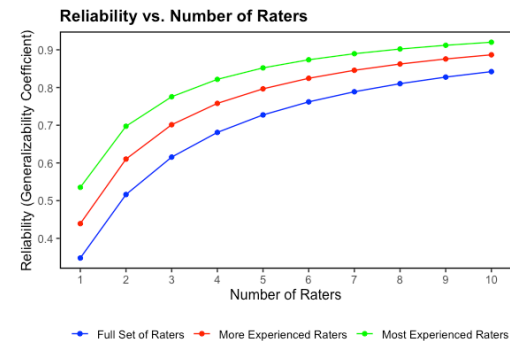
4 pharmacy educators, with different levels of experience with posters, independently scored posters using an existing rubric<sup>2</sup>

(Raters were not trained on rubric nor discussed rubric scoring prior to use)

1. Generalizability Theory to estimate reliability<sup>4</sup>
2. Rasch Measurement to evaluate rating scale & construct<sup>5</sup>

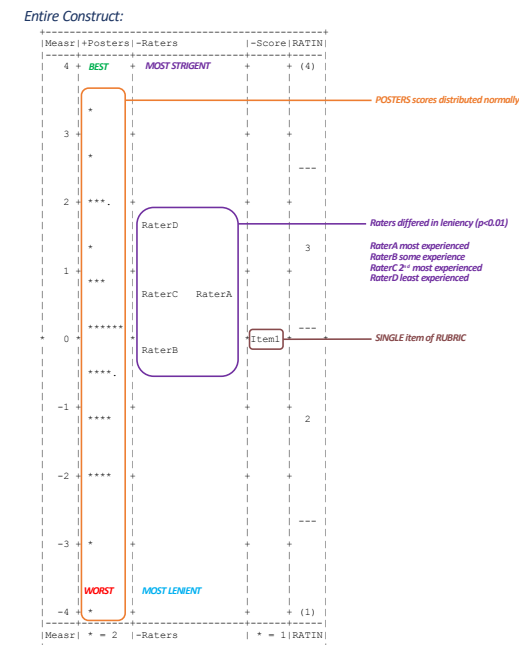
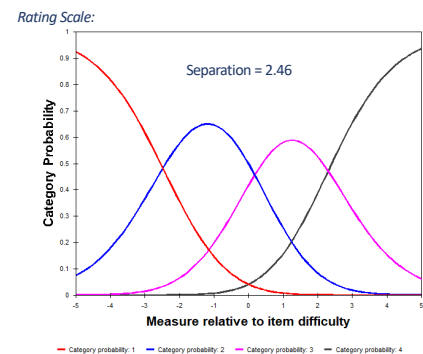
## RESULTS: 1. GENERALIZABILITY THEORY

- Rater experience impacted consistency



## RESULTS: 2. RASCH MEASUREMENT

- The rating scale range was fully-used & divided posters into at least 2 groups (worse vs better)



## REFERENCES

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