The multiple mini interview (MMI) is a popular assessment strategy to assess social and behavioral skills at admissions.² It has been explored within PharmD curricula to assess student ability, receiving instructions, and pharmacy appreciation.³ Distinct advantages may include:³

- targeting specific social and behavioral constructs,
- focusing and exploring participants' thought processes, and
- informing decisions and feedback to improve performance.

**Purposes:**

- Describe the design and quality of the MMI as an assessment strategy within the first year of a PharmD curriculum.
- Explore the impact of using the MMI as a formative and summative assessment tool within the capstone multiple mini interview in a school of pharmacy admissions model.

**METHODS**

**MMI Design & Data Collection**

- Students rotated through stations measuring five constructs consistent with the UNC admissions MMI: (1) integrity, (2) empathy, (3) adaptability, (4) giving instructions, and (5) receiving instructions.
- Each student was evaluated on four criteria using a 10-point scale by one trained reviewer: (1) construct of interest, (2) communication, (3) critical thinking, and (4) pharmacy appreciation.
- Following the capstone, students attended a large-group feedback session, were provided strategies for improvement, and were surveyed about their capstone MMI experience.

**Data Analysis**

- Principal Component Analysis (PCA) verified if the factor structure was consistent with the five individual stations as expected.
- Multifaceted Rasch Measurement (MFRM) investigated the variability in student MMI scores related to: (1) student ability, (2) rater severity, and (3) station difficulty.

**CONCLUSION**

- The MMI can be a valuable assessment strategy within PharmD curricula.
- MFRM results were consistent with the literature and showed an appreciable amount of variance was explained by the three factors; additional rater training may be warranted to reduce its contribution to MMI score variability.
- Future research should explore the impact of using the MMI as a formative and longitudinal assessment strategy in the health professions.

**REFERENCES**