STATISTICAL SUMMARY REPORT

Summary of Candidate Performance from May 1, 2020 through August 20, 2025

Rajat Chadha, PhD (Psychometrician for PA-CAT)

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Dr. Rajat Chadha, PhD

Dr. Rajat Chadha, with a PhD in Education from Indiana University, Bloomington, is an expert psychometrician with more than 14 years of extensive experience working on multiple significant projects. Dr. Chadha has worked as a psychometrician in high-stakes certification for physicians in the United States. He has also worked on predictive risk modeling for Physician Assistant programs and has published book chapters and peer-reviewed articles in leading journals.

Additional Information

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Physician Assistant College Admissions Test (PA-CAT)

The PA-CAT is a 240-item specialized discipline-specific assessment designed to measure knowledge and application in nine prerequisite science subjects necessary for success in the demanding Physician Assistant (PA) curriculum. The PA-CAT has been developed specifically for use by PA educators and their admissions departments as part of a holistic admissions process. As of August 20, 2025, the assessment has been administered to 5,853 examinees since it was first administered on May 1, 2020. One Composite scaled score based on all items comprising the assessment and three subject scaled scores (Anatomy & Physiology, Biology, and Chemistry) are reported for each examinee.

Candidate Performance on the PA-CAT

This report summarizes the performance of candidates in terms of the Composite scaled score from the beginning of administration on May 1, 2020 to August 20, 2025. Descriptive statistics are presented in Table 1, and the distribution of PA-CAT Composite scaled scores is presented in Figure 1.

Table 1: Descriptive Statistics: PA-CAT Composite Scaled Scores (May 1, 2020 – August 20, 2025)

Number of Examinees	5,853
Mean	511.7
Standard Deviation	34.1
Median	511.0
Minimum	200
Maximum	700
Reliability	0.941

Reliability reflects how consistently an assessment measures what it is intended to measure. Coefficients range from 0 to 1, with higher values indicating greater confidence that examinees with higher scores truly demonstrate higher levels of the construct being measured. The reliability of the PA-CAT composite scaled score is very high (0.941), indicating that the measure is highly dependable and that examinees with higher scores can be expected to possess stronger knowledge and application skills in the prerequisite science subjects.

Figure 1: Distribution of PA-CAT Composite Scaled Scores