

Supplemental Digital Appendix 1

Correlations (Corrected and Observed) of New Medical College Admission Test (MCAT) Total Scores and Undergraduate Grade Point Averages (UGPAs), Alone and Together, with Students' Summative Performance^a in the First Year of Medical School (M1)

Data type	Corrected ^b (observed) correlations of MCAT total scores with summative performance in M1	Corrected (observed) correlations of UGPAs with summative performance in M1	Corrected (observed) correlations of MCAT total scores and UGPAs with summative performance in M1
Median	0.57 (0.39)	0.52 (0.34)	0.65 (0.52)
Interquartile range (25%-75%)	0.47 (0.25) – 0.68 (0.51)	0.42 (0.20) – 0.62 (0.47)	0.56 (0.43) – 0.79 (0.62)

^aSummative performance is the mean of students' scores from the M1 courses that each validity school selected to include in this study. It showed a strong correlation (above 0.90) with students' official end-of-year performance, such as their M1 GPA or M1 class rank.

^bThe observed correlations were corrected for range restriction in MCAT total scores and UGPAs due to student selection in the admissions process.¹⁶ Because more 2017 applicants than 2016 applicants to the validity schools had scores from the new MCAT exam, the corrections for range restriction were made using data from the 2017 admissions cycle.