

Supplemental Digital Appendix 1

National Average United States Medical Licensing Examination (USMLE) Step 1 Scores for First-Time Takers at Liaison Committee on Medical Education-Accredited Schools Within Study Years

	Cohort	Sample size	Mean score	SD
National means (excluding study schools)^a	2008	16,837	222.52	22.84
	2009	17,351	222.88	23.26
	2010	17,455	222.98	23.33
	2011	17,794	225.54	22.22
	2012	18,215	228.16	21.47
	2013	18,628	228.88	20.69
	2014	18,948	230.14	19.98
	2015	19,573	229.48	20.38
	2016	19,491	229.26	20.66

^a USMLE performance data. Property of National Board of Medical Examiners and Federation of State Medical Boards.

Supplemental Digital Appendix 2

Resampling Procedure Description

Step	Description
1	Create four pools of mirror schools, one for each study school, by finding school cohorts with MCAT scores within 0.5 SD of each study school during the year the study school implemented the timing change. Cohorts must have had more than 20 examinees to be considered as mirror schools.
2	Sample one school from each pool to represent the study schools.
3	Compute the difference in average Step 1 score from the prior cohort for each sampled school.
4	Compute mean difference across four sampled schools and record the value.
5	Repeat steps two through four 200,000 times.
6	Construction density distribution of sampled change scores as seen in Figure 2.

Abbreviations: MCAT indicates Medical College Admission Test; SD, standard deviation.