

Supplemental Digital Appendix 1

Distribution of Grading Schemes Used by 137 LCME-Accredited Schools Providing Grading Information for Third-Year Clerkships, From a Study Of Medical School Grading Variability in Residency Applications to a Single Institution, 2016–2017

Tiers	Clinical Grading Scheme	N (%)
2 Tier	Pass/Fail	2 (1.5%)
3 Tier	Honors/pass/fail	25 (18.2%)
	A/B/C	1 (0.7%)
	Honors/high pass/pass	11 (8.0%)
4 Tier	Honors/high pass[near honors]/pass/fail	42 (30.7%)
	Honors/High pass/pass/low pass	1 (0.7%)
	Honors/high pass/pass/incomplete	1 (0.7%)
	Honors/high pass/pass/remediated pass	1 (0.7%)
	Honors/pass/conditional pass/fail	1 (0.7%)
	A/B/C/D	4 (2.9%)
	A/B+/B/C	1 (0.7%)
	A/B/C/F	8 (5.8%)
5 Tier	Honors/high pass/pass/low pass/fail	16 (11.7%)
	A/B/C/D/F	7 (5.1%)
	A/B+/B/C+/C	1 (0.7%)
	H/A/B/C/F	1 (0.7%)
6 Tier	A/B+/B/C+/C/F	1 (0.7%)
Other	Numeric(1-100)	4 (2.9%)
	Adjective	9 (6.6%)

Abbreviation: LCME indicates Liaison Committee on Medical Education

Supplemental Digital Appendix 2

Univariate Analysis of variables associated with Selected Medical Students at 137 U.S. Medical Schools receiving the highest grade, From a Study Of Medical School Grading Variability in Residency Applications to a Single Institution, 2016–2017^a

Variable	Median percent (IQR)	P value
Rotation		0.0002 ^b
<i>Family Medicine</i>	33 (23, 47)	
<i>Neurology</i>	35.25 (24.5, 45.5)	
<i>Obstetrics & Gynecology</i>	32 (23.5, 46)	
<i>Surgery</i>	30 (20, 40.25)	
<i>Pediatrics</i>	32 (23, 41.25)	
<i>Psychiatry</i>	40 (28.5, 53.5)	
<i>Internal Medicine</i>	32 (23.8, 41)	
Region		0.03 ^b
<i>Western</i>	30 (23, 37)	
<i>Central</i>	33 (24, 45)	
<i>Southern</i>	35 (22, 53.5)	
<i>Northeast</i>	34 (25, 44.4)	
Tiers		<0.0001 ^b
3	31 (22, 40.8)	
4	34.8 (25, 48)	
5	35.8 (24.2, 52.5)	
<i>Other (2 or >5)</i>	21.5 (14, 32)	
School Type		0.01 ^b
<i>Private</i>	35.5 (25, 47)	
<i>Public</i>	32 (23, 45)	
USNWR Ranking		<0.0001 ^b
<i>Top 20</i>	40 (32, 52)	
<i>Non Top 20</i>	32 (22.6, 45)	
Failure is lowest grade		0.53 ^b
Yes	33 (23.6, 45)	
No	35 (24, 47)	
Years since opening	0.009	0.37 ^c
Total Enrollment	-0.0002	0.9 ^c

Abbreviation: USNWR indicates U.S. News and World Report.

^aThe median percentage of students receiving the highest grade is shown.

^bWilcoxon rank sum test.

^cLinear regression.

Supplemental Digital Appendix 3

Correlation Between Percentage of Students Receiving the Highest Grade Available for the 2016–2017 Match Cycle and Percentage of Students Receiving the Highest Grade for the 2017–2018 Match Cycle at 20 Randomly Selected Institutions, From a Study Of Medical School Grading Variability in Residency Applications to a Single Institution

