

TABLE E-1 Demographic Characteristics and Their Association with Musculoskeletal Knowledge and Self-Perceived Confidence

Demographic Characteristics	Mean Confidence Scores		Musculoskeletal Knowledge	
	Medical	Musculoskeletal	Mean Examination Score	Physicians with a Passing Grade
<b>Training Background</b>				
Family Practice	8.1 (0.78)	6.6 (1.40)	66.1%	50% (n=11)
Internal Medicine	8.5 (0.72)	4.7 (1.42)	65.4%	43% (n=16)
Pediatrics	8.1 (1.02) p=0.051	4.4 (1.72) ¥p<0.00001	56.5% €p=0.02	18% (n=6)
<b>Gender</b>				
Male (n=45)	8.2 (0.80)	5.5 (1.84)	66.2%	47% (n=21)
Female (n=47)	8.3 (0.85) p=0.80	4.6 (1.57) *p=0.01	58.8% *p=0.01	26% (n=12)
<b>Musculoskeletal Course</b>				
Yes (n=57)	8.3 (0.90)	5.6 (1.73)	65.6%	39% (n=22)
No (n=35)	8.2 (0.84) p=0.44	4.3 (1.51) *p=0.0004	57.2% *p=0.009	31% (n=11)
<b>Musculoskeletal Course</b>				
Elective (n=44)	8.4 (0.95)	5.6 (1.83)	67.8%	45% (n=20)
Required (n=13)	8.1 (0.63) p=0.50	5.5 (1.32) p=0.89	58.2% *p=0.014	15% (n=2)
<b>Musculoskeletal Course taken as a:</b>				
Continuing medical education (CME) course (n=19)	8.2 (1.14)	6.4 (1.64)	69.4%	58% (n=11)
Resident Rotation (n=22)	8.4 (0.54)	5.1 (1.49)	63.1%	23% (n=5)
Medical Student (n=16)	8.4 (0.95) p=.752	5.2 (1.92) £p=0.034	64.4% p=0.259	38% (n=6)
<b>Years in Practice</b>				
Ten or greater (n=51)	8.3 (0.86)	5.4 (1.81)	62.4%	37% (n=19)
Nine or less (n=41)	8.2 (0.91) p=0.54	4.7 (1.62) *p=0.045	62.3% p=0.96	34% (n=14)
<b>Years of Academic teaching</b>				
Ten or greater (n=35)	8.3 (0.85)	5.2 (1.84)	63.1%	39% (n=22)
Nine or less (n=57)	8.2 (0.89) p=0.52	5.0 (1.77) p=0.55	61.3% p=0.60	31% (n=11)
<b>Entire Cohort (n=92)</b>	8.3 (0.66)	5.1 (0.98) **p<0.00001	62.4%	36% (n=33)

\*indicates significant difference between two samples.  
\*\*indicates significant difference between medical and musculoskeletal confidence scores for the entire cohort.  
¥ indicates significant difference between musculoskeletal confidence scores for family physicians compared to internal medicine physicians/pediatricians (p<0.00001, ANOVA with post hoc comparisons p<0.05).  
€ indicates significant difference between mean examination score for family practice physicians compared to pediatricians (p<0.02, ANOVA with post hoc comparisons p<0.05).  
£ indicates significant difference between musculoskeletal confidence scores for physicians participating in CME courses compared to those participating in both resident and medical student courses (p=0.034, ANOVA with post hoc comparisons p<0.05).