

## Supplemental Digital Appendix 1

### Results from Survey 1<sup>a</sup>

Survey item	No.	Mean (SD)	Strongly Disagree no. (%)	Disagree no. (%)	Neither Agree nor Disagree no. (%)	Agree no. (%)	Strongly Agree no. (%)
The instructions were clear	2,755	4.2(.6)	53(2.0)	57(2.1)	206(7.5)	1501(54.5)	938(34.0)
I had sufficient time to respond to the interview questions	2,735	3.9(1.0)	91(3.3)	207(7.6)	262(9.6)	1537(56.2)	638(23.3)
I had sufficient time to read and prepare an answer to the interview questions	2,749	3.2(1.2)	252(9.2)	759(27.6)	391(14.2)	1018(37.0)	329(12.0)
Overall, I was satisfied with AAMC's preparation materials	2,748	3.8(1.1)	242(8.8)	471(17.1)	773(28.1)	1029(37.4)	233(8.5)
The content of the video interview is related to the types of activities required of residents <sup>b</sup>	2,765	3.6(1.0)	129(4.7)	263(9.1)	522(18.9)	1499(54.2)	352(12.7)
The addition of the video interview to the selection process will help program directors conduct a more holistic evaluation of applicants <sup>b</sup>	2,764	2.8(1.2)	538(18.5)	559(20.2)	798(28.9)	664(24.0)	205(7.4)
Overall, I was satisfied with the video interview.	2,765	3.0(1.2)	391(14.3)	495(18.1)	809(29.5)	872(31.8)	173(6.3)

<sup>a</sup>Survey rating scale ranged from 1 (strongly disagree) to 5 (strongly agree).

<sup>b</sup>A similar version of this question was included on Survey 2. Refer to Supplemental Digital Appendix 2 or Table 3 for question wording and responses.

## Supplemental Digital Appendix 2

### Results from Survey 2<sup>a</sup>

Survey item	No.	Mean (SD)	Very dissatisfied no. (%)	Dissatisfied no. (%)	Neither satisfied nor dissatisfied no. (%)	Satisfied no. (%)	Very Satisfied no. (%)
<b>On the whole, how satisfied are you with information currently available to Program Directors to use in deciding whom to invite to the in-person interview?</b>	2048	3.8(1.0)	81(4.0)	160(7.8)	346(16.9)	932(45.5)	529(25.8)
<b>How satisfied are you with the information about your Interpersonal and Communication Skills provided by each of the following tools:</b>							
Personal Statement	1950	4.0(0.8)	17(0.9)	70(3.6)	351(18.0)	1025(52.6)	487(25.0)
Letters of Recommendation	1954	4.3(.73)	9(0.5)	24(1.2)	192(9.8)	888(45.4)	841(43.0)
Medical School Performance Evaluation (MSPE)/Dean's Letter	1957	3.8(1.0)	39(2.0)	131(6.7)	456(23.3)	829(42.4)	502(25.7)
Standardized Letter of Evaluation (SLOE)	1947	4.1(.9)	37(1.9)	91(4.7)	316(16.2)	776(39.9)	727(37.3)
Standardized Video Interview (SVI)	1956	2.2(1.2)	753(38.5)	474(24.2)	385(19.7)	266(13.6)	78(4.0)
In-person interview	1949	4.4(.7)	4(0.2)	15(.8)	145(7.4)	731(37.5)	1054 (54.1)
<b>How satisfied are you with the information about your Professionalism provided by each of the following tools:</b>							
Personal Statement	1955	3.9(.8)	14(0.7)	54(2.8)	544(27.8)	888(45.4)	455(23.3)
Letters of Recommendation	1959	4.4(.7)	9(0.5)	17(0.9)	138(7.0)	857(43.7)	938(47.9)
Medical School Performance Evaluation (MSPE)/Dean's Letter	1961	4.1(.9)	27(1.4)	66(3.4)	284(14.5)	829(42.3)	755(38.5)
Standardized Letter of Evaluation (SLOE)	1945	4.2(.9)	21(1.1)	56(2.9)	250(12.9)	757(38.9)	861(44.3)
Standardized Video Interview?	1957	2.3(1.2)	724(37.0)	423(21.6)	434(22.2)	290(14.8)	86(4.4)
In-person interview	1944	4.3(0.7)	8(0.4)	17(0.9)	197(10.1)	798(41.0)	924(47.5)

Survey item	No.	Mean (SD)	Very dissatisfied no. (%)	Dissatisfied no. (%)	Neither satisfied nor dissatisfied no. (%)	Satisfied no. (%)	Very Satisfied no. (%)
<b>How satisfied are you with Program Directors' use of the following filters in the residency selection process:</b>							
Step 1 scores	1947	3.4(1.2)	151(7.8)	320(16.4)	404(20.7)	796(40.9)	276(14.2)
Step 2 Clinical Knowledge scores	1944	3.6(1.0)	78(4.0)	174(9.0)	445(22.9)	912(46.9)	335(17.2)
Alpha Omega Alpha (AOA)	1925	2.9(1.0)	237(12.3)	320(16.6)	912(47.4)	327(17.0)	129(6.7)
Gold Humanism Honor Society (GHHS)	1930	2.9(1.0)	249(12.9)	297(15.4)	950(49.2)	316(16.4)	118(6.1)
Medical school attended	1932	2.8(1.1)	283(14.6)	436(22.6)	704(36.4)	403(20.9)	106(5.5)
Standardized Video Interview (SVI)	1923	2.0(1.1)	832(43.3)	447(23.2)	452(23.5)	159(8.3)	33(1.7)
Survey item	No.	Mean (SD)	Strongly disagree no. (%)	Disagree no. (%)	Neither agree nor disagree no. (%)	Agree no. (%)	Strongly agree no. (%)
<b>The Standardized Video Interview questions gave me an opportunity to describe my current level of Interpersonal and Communication Skills.</b>	1928	2.2(1.2)	769(39.9)	507(26.3)	264(13.7)	321(16.6)	67(3.5)
<b>The Standardized Video Interview questions gave me an opportunity to describe my current level of Professionalism.</b>	1926	2.2(1.2)	757(39.3)	483(25.1)	302(15.7)	326(16.9)	58(3.0)
<b>The Standardized Video Interview provides information about non-academic qualifications that may help balance the use of academic metrics in deciding whom to invite for in-person interviews.<sup>b</sup></b>	1877	2.3(1.2)	631(33.6)	507(27.0)	341(18.2)	310(16.5)	88(4.7)
<b>The content measured on the Standardized Video Interview is related to the types of activities required of residents.<sup>b</sup></b>	1936	2.2(1.2)	728(37.6)	536(27.7)	312(16.1)	314(16.2)	46(2.4)

Survey item	No.	Mean (SD)	Strongly disagree no. (%)	Disagree no. (%)	Neither agree nor disagree no. (%)	Agree no. (%)	Strongly agree no. (%)
<b>I was able to answer the Standardized Video Interview questions by describing my past experiences</b>	1883	3.1(1.2)	244(13.0)	362(19.2)	336(17.8)	819(43.5)	122(6.5)
<b>I was able to draw on my training and experience to answer the Standardized Video Interview questions by describing what I would or should do in response to the situation</b>	1878	3.1(1.2)	259(13.8)	368(19.6)	370(19.7)	766(40.8)	115(6.1)
<b>My Standardized Video Interview total score accurately reflects my current level of Interpersonal and Communication Skills and Professionalism.</b>	1885	2.1(1.2)	874(46.4)	370(19.6)	327(17.3)	252(13.4)	62(3.3)
<b>I am satisfied with my Standardized Video Interview total score.</b>	1892	2.5(1.3)	646(34.1)	354(18.7)	358(18.9)	395(20.9)	139(7.3)
<b>Based on the information provided above, I am satisfied with the quality of training that raters received before evaluating responses.</b>	1899	2.4(1.2)	587(30.9)	383(20.2)	556(29.3)	320(16.9)	53(2.8)
<b>If research supports the psychometric properties of computer scoring, I would be comfortable with the standardized video interview being scored by computer in the future.</b>	1893	1.7(1.0)	1114(58.8)	395(20.9)	220(11.6)	141(7.4)	23(1.2)
<b>It was easy to find an appropriate space to complete the Standardized Video Interview.</b>	1898	3.0(1.2)	245(12.9)	438(23.1)	411(21.7)	645(34.0)	159(8.4)
<b>The AAMC's instructions for reporting technical problems were clear.</b>	1888	3.5(.8)	60(3.2)	87(4.6)	789(41.8)	806(42.7)	146(7.7)
<b>The AAMC's instructions for requesting an extension were clear.</b>	1877	3.3(.9)	84(4.5)	72(7.9)	834(44.4)	686(36.5)	124(6.6)

Survey item	No.	Mean (SD)	Strongly disagree no. (%)	Disagree no. (%)	Neither agree nor disagree no. (%)	Agree no. (%)	Strongly agree no. (%)
<b>The AAMC's instructions for requesting to take the Standardized Video Interview under accommodated conditions were clear.</b>	1885	3.3(.9)	82(4.4)	128(6.8)	866(45.9)	690(36.6)	119(6.3)
<b>I would feel comfortable with the following activates being used, in conjunction with other application information, in deciding whom to invite to the in-person interview:</b>							
Live video interview with each program	1886	3.19(1.3)	320(17.0)	264(14.0)	268(14.2)	809(42.9)	225(11.9)
National standardized video interview	1886	2.01(1.2)	858(45.5)	479(25.4)	267(14.2)	230(12.2)	52(2.8)
Live telephone interview with each program	1892	2.84(1.3)	392(20.7)	400(21.1)	335(17.7)	641(33.9)	124(6.6)
National standardized telephone interview	1880	1.94(1.1)	838(44.6)	562(29.9)	270(14.4)	177(9.4)	33(1.8)
Regional in-person interviews	1886	3.54(1.3)	233(12.3)	156(8.3)	249(13.2)	851(45.1)	397(21.0)
Video personal statement	1891	2.02(1.1)	831(44.0)	504(26.7)	287(15.2)	214(11.3)	55(2.9)
Survey item	No.	% endorsed					
<b>The SVI was open from June 6 to July 31. Which of the following factors contributed to your decision about when to complete the SVI:<sup>c</sup></b>							
Scheduling around my school workload or clinical rotations	1581	82.2					
Finding appropriate space to complete the SVI	971	50.5					
Scheduling around non-school related personal commitments	901	46.9					
Preparing for the SVI	995	51.7					
Waiting until my EM clinical rotation was complete	157	8.1					
Needing more time to decide about applying to EM	273	14.2					
Other	74	3.8					
<b>Which, if any, of the following factors would have encouraged you to complete the SVI earlier:<sup>c</sup></b>							
Nothing	1043	54.2					
Having additional preparation materials in advance of the SVI	181	9.9					
Receiving my score report earlier	197	10.2					
Signing up for a specific interview time slot	649	33.7					
Other	78	4.1					

Survey item	No.	% endorsed
<b>How, if at all, did your SVI score affect the number of applications you submitted to Emergency Medicine programs for the ERAS 2018 cycle:</b>		
The SVI did not affect the number of applications I submitted.	1610	84.9
I applied to more EM programs than originally intended due to my SVI score.	206	10.9
I did not apply to any EM programs due to my SVI score.	32	1.7
I applied to fewer EM program than originally intended due to my SVI score.	49	2.6
<b>Did your medical school provide a professional recording space to record your Standardized Video Interview responses?</b>		
Yes	416	22.0
No	1473	78.0
<b>Where did you take the Standardized Video Interview?</b>		
Home	1431	75.5
Recording space arranged by school	150	7.9
Other	314	16.6
<b>Did you encounter any technical challenges during the interview session?</b>		
Yes	190	10.1
No	1700	90.0

<sup>a</sup>Survey rating scale ranged from 1 (very dissatisfied/strongly disagree) to 5 (very satisfied/strongly agree).

<sup>b</sup>A similar version of this question was included on Survey 1. Refer to Supplemental Digital Appendix 1 or Table 2 for question wording and responses

<sup>c</sup>Participants were able to select more than one response.