

## Appendix

### US adults' preferences for race-based and place-based prioritization for Covid-19 vaccines

Harald Schmidt, PhD,<sup>\*1</sup> Sonia Jawaid Shaikh, PhD,<sup>\*2</sup> Emily Sadecki, B.A.,<sup>3</sup> Sarah E. Gollust, PhD<sup>4</sup>

<sup>\*</sup>Joint first authors

<sup>1</sup>Department of Medical Ethics and Health Policy, Center for Health Incentives and Behavioral Economics, Leonard Davis Institute of Health Economics, University of Pennsylvania

<sup>2</sup>Annenberg School for Communication, Leonard Davis Institute of Health Economics, University of Pennsylvania

<sup>3</sup>Department of Medical Ethics and Health Policy, University of Pennsylvania

<sup>4</sup>Division of Health Policy and Management, University of Minnesota School of Public Health

**Table S1. Respondent demographic information**

**Table S2. Support and opposition for race- and place-based Covid-19 vaccine prioritization plans (original survey response categories)**

Table S1. Respondent demographic information

<i>Sample No. (%)</i>		<i>Race-based prioritization</i>		<i>Place-based prioritization</i>	
		<i>Unweighted</i>	<i>Weighted</i>	<i>Unweighted</i>	<i>Weighted</i>
<b>Race</b>					
	<i>White (Not Hispanic)</i>	773 (74.7)	630 (62.9)	764 (74)	654 (61.4)
	<i>Hispanic</i>	74 (7.1)	135 (13.5)	99 (9.6)	196 (18.4)
	<i>Black</i>	106 (10.2)	130 (13)	80 (7.8)	111 (10.4)
	<i>Asian</i>	40 (3.9)	62 (6.2)	48 (4.7)	68 (6.4)
	<i>All Others</i>	42 (4.1)	42 (4.5)	41 (4.0)	36 (3.4)
<b>Gender</b>					
	<i>Male</i>	480 (46.4)	481 (48)	455 (44.1)	491 (46.1)
	<i>Female</i>	541 (52.3)	510 (50.8)	560 (54.3)	555 (52.2)
	<i>Others</i>	14 (1.4)	12 (1.2)	17 (1.6)	18 (1.7)
<b>Partisan Identity</b>					
	<i>Republican</i>	305 (29.5)	272 (27.1)	327 (31.7)	315 (29.6)
	<i>Democrats</i>	388 (37.5)	389 (38.8)	243 (356)	374 (35.1)
	<i>All Others</i>	342 (33)	341 (34)	180 (349)	376 (35.3)
<b>Education</b>					
	<i>Less than HS degree</i>	60 (5.8)	97 (9.7)	55 (5.3)	104 (9.8)
	<i>HS degree to less than 4-year college degree</i>	509 (49.2)	556 (55.4)	500 (48.4)	579 (54.3)
	<i>College degree (4 years or more)</i>	466 (45)	350 (34.9)	477 (46.2)	383 (35.9)
<b>Income</b>					
	<i>Less than \$50,000</i>	387 (37.4)	294 (29.3)	378 (36.3)	295 (27.7)
	<i>\$50,000-\$74,999</i>	211 (20.4)	167 (16.7)	198 (19.2)	164 (15.4)
	<i>\$75,000-\$99,999</i>	155 (15)	130 (13)	137 (13.3)	137 (12.9)
	<i>More than \$100,000</i>	246 (23.8)	374 (37.3)	278 (26.9)	428 (40.2)
<b>Employment</b>					
	<i>Employed (full-time, part-time, self)</i>	536 (51.8)	516 (51.5)	548 (53.1)	585 (54.9)
	<i>Other (retired, student, homemaker, etc.)</i>	499 (48.2)	485 (48.5)	484 (46.9)	481 (45.1)
<b>Age</b>					
	<i>18-29 years</i>	162 (15.7)	184 (18.4)	182 (17.6)	217 (20.4)
	<i>30-59 years</i>	516 (49.9)	503 (50.2)	492 (47.7)	523 (49.1)
	<i>60&gt;</i>	357 (34.5)	314 (31.4)	358 (34.7)	325 (30.5)

Table S2. Support and opposition for race- and place-based Covid-19 vaccine prioritization plans (original survey response categories)

Sample No. (%)	Race-based prioritization (n=1,002)						Place-based prioritization (n=1,065)					
	Strongly Oppose	Oppose	Neither Oppose nor Support	Support	Strongly Support	$\chi^2$ (p)	Strongly Oppose	Oppose	Neither Oppose nor Support	Support	Strongly Support	$\chi^2$ (p)
	156 (15.6)	103 (10.3)	338 (33.8)	223 (22.2)	181 (18.1)		95 (8.92)	65 (6.10)	324 (30.5)	321 (30.42)	260 (24.4)	
<b>Race/Ethnicity</b>												
White (Not Hispanic)	100 (15.9)	68 (10.8)	212 (33.8)	141 (22.5)	107 (17)	30.31 (0.01)	55 (8.4)	43 (6.6)	194 (29.7)	207 (31.7)	155 (23.7)	21.61 (0.15)
Hispanic	20 (14.7)	10 (7.4)	40 (29.4)	30 (22.1)	36 (26.5)		20 (10.3)	4 (2.1)	56 (28.7)	59 (30.3)	56 (28.7)	
Black	19 (14.6)	7 (5.4)	48 (36.9)	28 (21.5)	28 (21.5)		9 (8.1)	9 (8.1)	42 (37.8)	25 (22.5)	26 (23.4)	
Asian	10 (16.1)	13 (21)	15 (24.2)	15 (24.2)	9 (14.5)		9 (13)	3 (4.3)	20 (29)	19 (27.5)	18 (26.1)	
All Others	8 (17.4)	5 (10.9)	23 (50)	8 (17.4)	2 (4.3)		2 (5.6)	5 (13.9)	13 (36.1)	11 (30.6)	5 (13.9)	
<b>Partisanship</b>												
Republican	59 (21.7)	43 (15.8)	106 (39)	45 (16.5)	19 (7)	83.88 (<0.001)	27 (8.5)	23 (7.3)	113 (35.8)	94 (29.7)	59 (18.7)	46.7 (<0.001)
Democrat	46 (11.8)	35 (9)	95 (24.4)	108 (27.8)	105 (27)		32 (8.6)	23 (6.1)	71 (19)	125 (33.4)	123 (32.9)	
All Others	52 (15.3)	25 (7.4)	137 (40.3)	69 (20.3)	57 (16.8)		36 (9.6)	19 (5.1)	141 (37.5)	102 (27.1)	78 (20.7)	
<b>Gender</b>												
Male	87 (18.2)	54 (11.3)	143 (29.9)	112 (23.4)	83 (17.3)	12.99 (0.11)	46 (9.3)	30 (6.1)	137 (27.8)	160 (32.5)	119 (24.2)	11.14 (0.19)
Female	67 (13.1)	48 (9.4)	192 (37.6)	109 (21.4)	94 (18.4)		49 (8.8)	33 (5.9)	177 (31.8)	160 (28.8)	137 (24.6)	
Others	2 (18.2)	1 (9.1)	3 (27.3)	1 (9.1)	4 (36.4)		0	2 (11.1)	10 (55.6)	2 (11.1)	4 (22.2)	
<b>Education</b>												
Less than HS degree	16 (16.5)	3 (3.1)	41 (42.3)	14 (14.4)	23 (23.7)	30.68 (<0.001)	8 (7.6)	13 (12.4)	40 (38.1)	29 (27.6)	15 (14.3)	38.79 (<0.001)
HS degree to less than 4-year college degree	84 (15.1)	65 (11.7)	207 (37.2)	107 (19.2)	93 (16.7)		51 (8.8)	29 (5)	205 (35.5)	158 (27.3)	135 (23.4)	
College degree (4 years or more)	57 (16.3)	35 (10)	91 (26.1)	101 (28.9)	65 (18.6)		36 (9.4)	23 (6)	80 (20.9)	134 (35)	110 (28.7)	
<b>Income</b>												
Less than \$50,000	40 (13.6)	20 (6.8)	110 (37.4)	61 (20.7)	63 (21.4)	55.51 (<0.001)	20 (6.8)	19 (6.4)	101 (34.2)	95 (32.2)	60 (20.3)	31.2 (0.01)
\$50,000-\$74,999	27 (16.3)	18 (10.8)	55 (33.1)	24 (26.2)	42 (25.3)		16 (9.8)	7 (4.3)	60 (36.6)	41 (25)	40 (24.4)	
\$75,000-\$99,999	15 (11.5)	22 (16.9)	41 (31.5)	34 (15.3)	18 (13.8)		12 (8.8)	11 (8)	29 (21.2)	53 (38.7)	32 (23.4)	

	<i>More than \$100,000</i>	72 (19.3)	40 (10.7)	108 (28.9)	101 (27)	53 (14.2)		44 (10.3)	26 (6.1)	114 (26.6)	125 (29.2)	119 (27.8)	
<b>Employment</b>													
	<i>Employed (full-time, part-time, self)</i>	79 (15.3)	61 (11.8)	152 (29.5)	121 (23.4)	103 (20)	11.19 (0.24)	57 (9.7)	28 (4.8)	175 (29.9)	181 (30.9)	145 (24.7)	5.11 (0.27)
	<i>Other (retired, student, homemaker, etc.)</i>	77 (15.9)	42 (8.7)	186 (38.4)	101 (20.9)	78 (16.1)		38 (7.9)	37 (7.7)	150 (31.2)	141 (29.3)	115 (23.9)	
<b>Age</b>													
	<i>18-29 years</i>	24 (13)	17 (9.2)	66 (35.9)	33 (17.9)	44 (23.9)	10.85 (0.21)	24 (11.3)	13 (6)	80 (36.9)	59 (27.2)	41 (18.9)	15.64 (0.04)
	<i>30-59 years</i>	88 (17.5)	50 (9.9)	163 (42.3)	113 (22.5)	89 (17.7)		53 (10.1)	28 (5.4)	149 (28.5)	162 (31)	131 (25)	
	<i>60&gt;</i>	44 (14)	36 (11.5)	109 (34.7)	77 (24.5)	48 (15.3)		18 (5.5)	24 (7.4)	95 (29.2)	31.1)	87 (26.8)	