

Appendix

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

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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>
Race					
	<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)
Gender					
	<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)
Partisan Identity					
	<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)
Education					
	<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)
Income					
	<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)
Employment					
	<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)
Age					
	<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+</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	χ^2 (p)	Strongly Oppose	Oppose	Neither Oppose nor Support	Support	Strongly Support	χ^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)	
Race/Ethnicity												
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)	
Partisanship												
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)	
Gender												
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)	
Education												
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)	
Income												
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)	
Employment													
	<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)	
Age													
	<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></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)	