

Supplemental Information

COVID-19 Vaccine Acceptance Among Pregnant Women and Mothers of Young Children: Results of a Survey in 16 Countries

Malia Skjefte¹, Michelle Ngirbabul¹, Oluwasefunmi Akeju, MBChB, MPH², Daniel Escudero, PhD, MPH², Sonia Hernandez-Diaz, MD, MPH, DrPH², Diego Wyszynski, MD, MHS, PhD³, Julia W Wu, ScD^{2*}

¹Department of Global Health & Population, Harvard TH Chan School of Public Health, Boston, MA, USA

²Department of Epidemiology, Harvard TH Chan School of Public Health, Boston, MA, USA

³Pregistry, Los Angeles, CA, USA

*Correspondence to:

Julia W Wu, ScD

Human Immunomics Initiative

Department of Epidemiology

Harvard TH Chan School of Public Health

Boston, MA 02459, USA

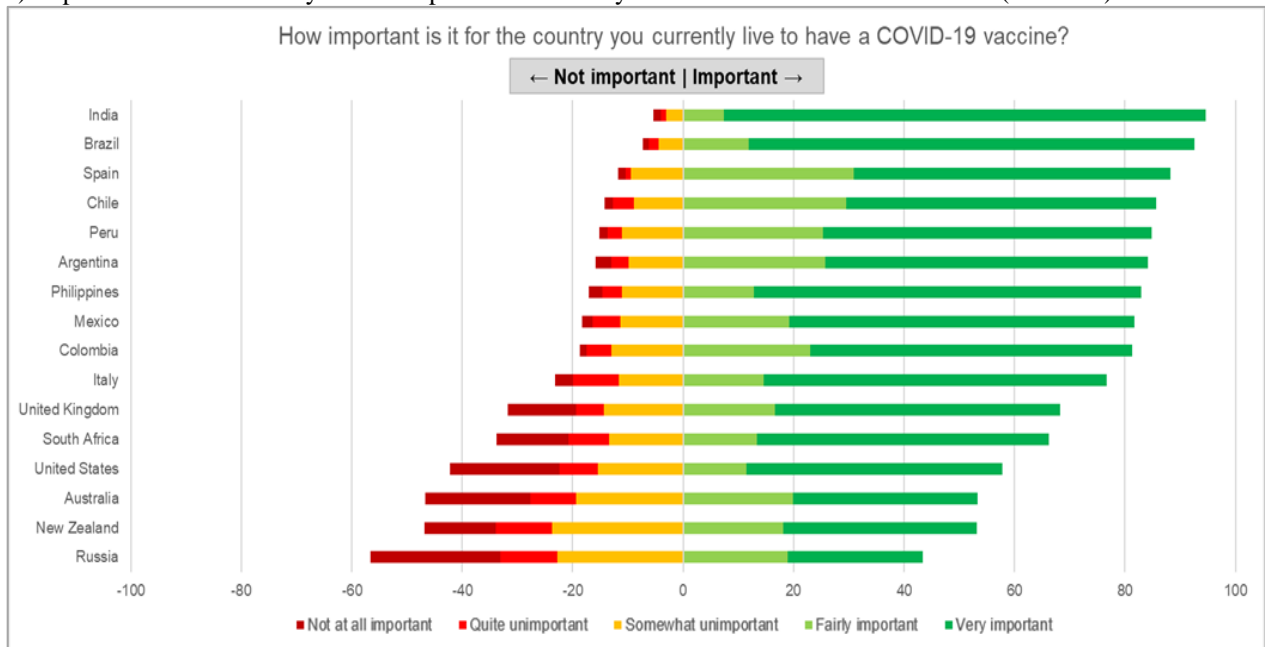
wwu@hsph.harvard.edu

Survey Questionnaire

The survey tool contained 63 questions divided into five sections, assessing COVID-19 vaccine acceptance and confidence, negative experiences with COVID-19, perception on the risk of COVID-19, public trust, general vaccine attitude, as well as demographics and socioeconomic status. Questions included a mixture of open ended-questions, dichotomous yes/no questions, and multiple-choice questions. Responses to multiple-choice questions measured agreement with 5- or 7-point Likert scales. Section One collected basic participant demographics, including age, race, marital status, number of children, and pregnancy status. Section Two collected information regarding COVID-19, such as exposure, essential worker status, health insurance, underlying health conditions, how worried they are about the virus, their own risk, and the risk to their child/children. Section Three assessed the impact of COVID-19 pandemic, including social, financial, loss of a loved one, or non-COVID-19 related health problems. Section Four assessed the respondents' vaccine acceptance, vaccine confidence, and factors influencing decision-making. Section Five assessed social cohesion, trust, and satisfaction. Participant responses were submitted directly through the website, and no personal identifiers were collected. Participants were allowed to skip any questions or withdraw from the survey at any time without penalty. No follow-up was conducted.

Figure S1: Importance of a COVID-19 vaccine among global pregnant women and mothers of young children

a) Importance for the country where respondents currently live to have a COVID-19 vaccine (n=17769)



b) Importance for a majority of people in the country where respondents currently live to get vaccinated for COVID-19 (n=17761)

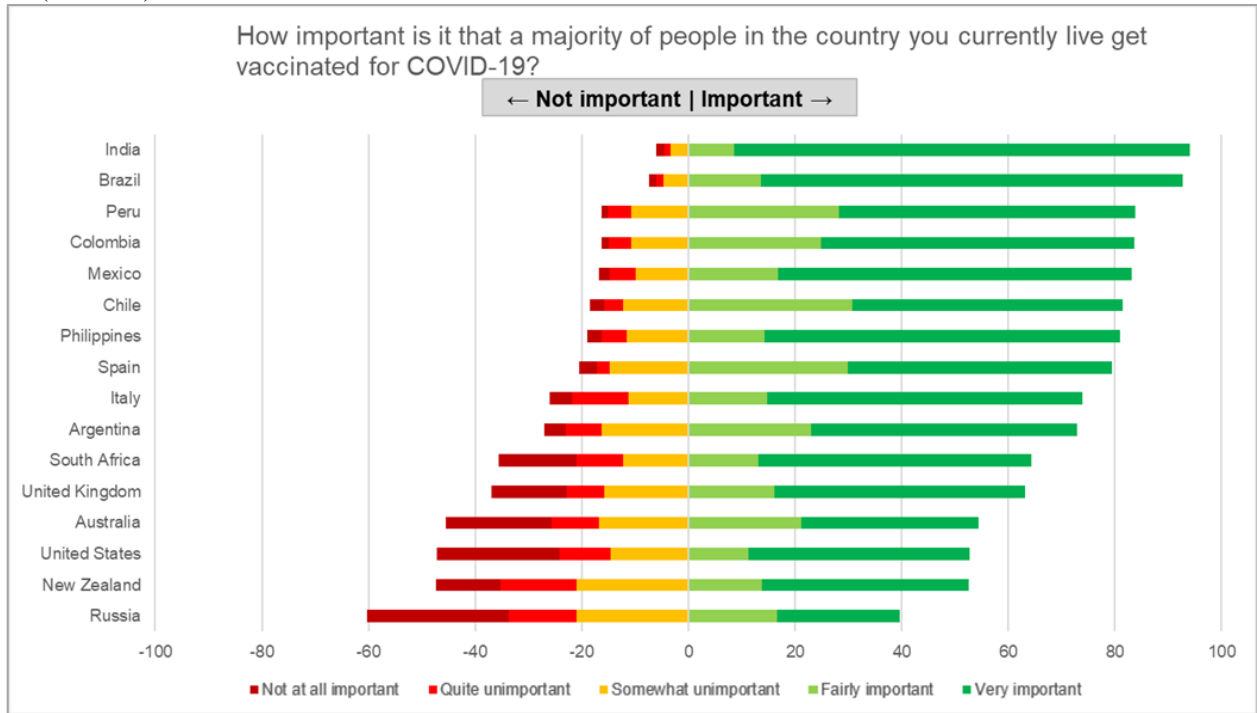
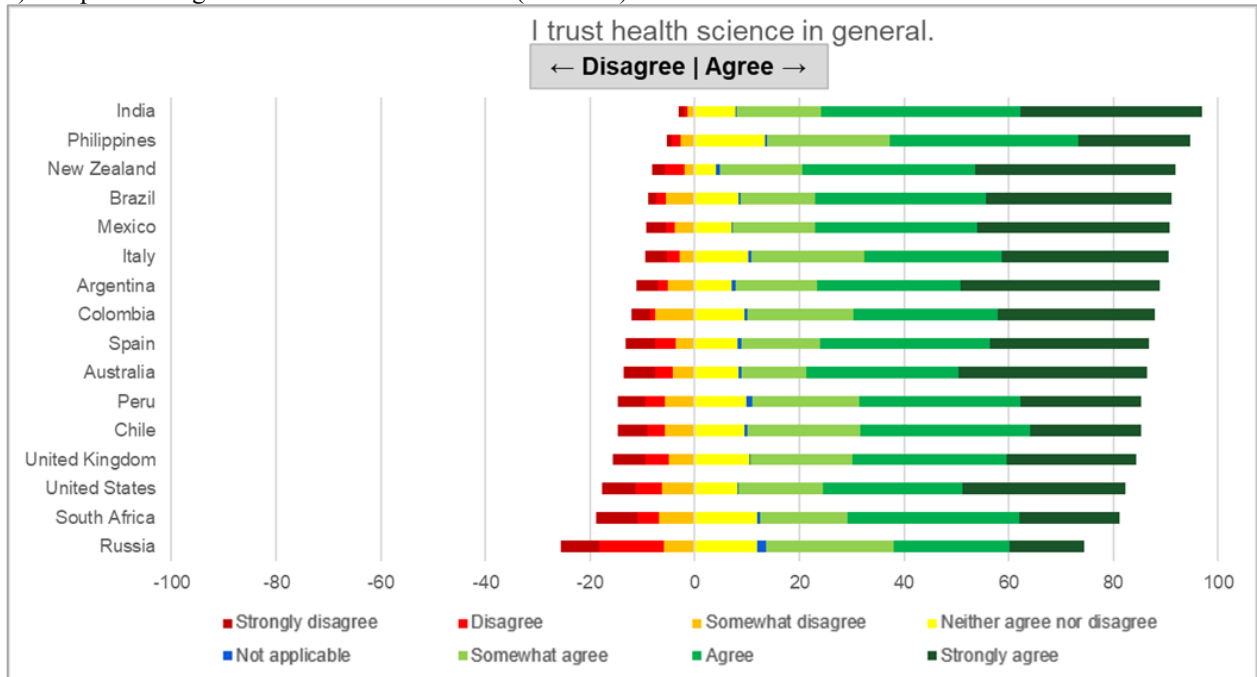


Figure S2: Trust in science among global pregnant women and mothers of young children

a) Respondents' general trust in health science (n=17837)



b) Respondents' general increased trust in health science during the COVID-19 pandemic (n=17837)

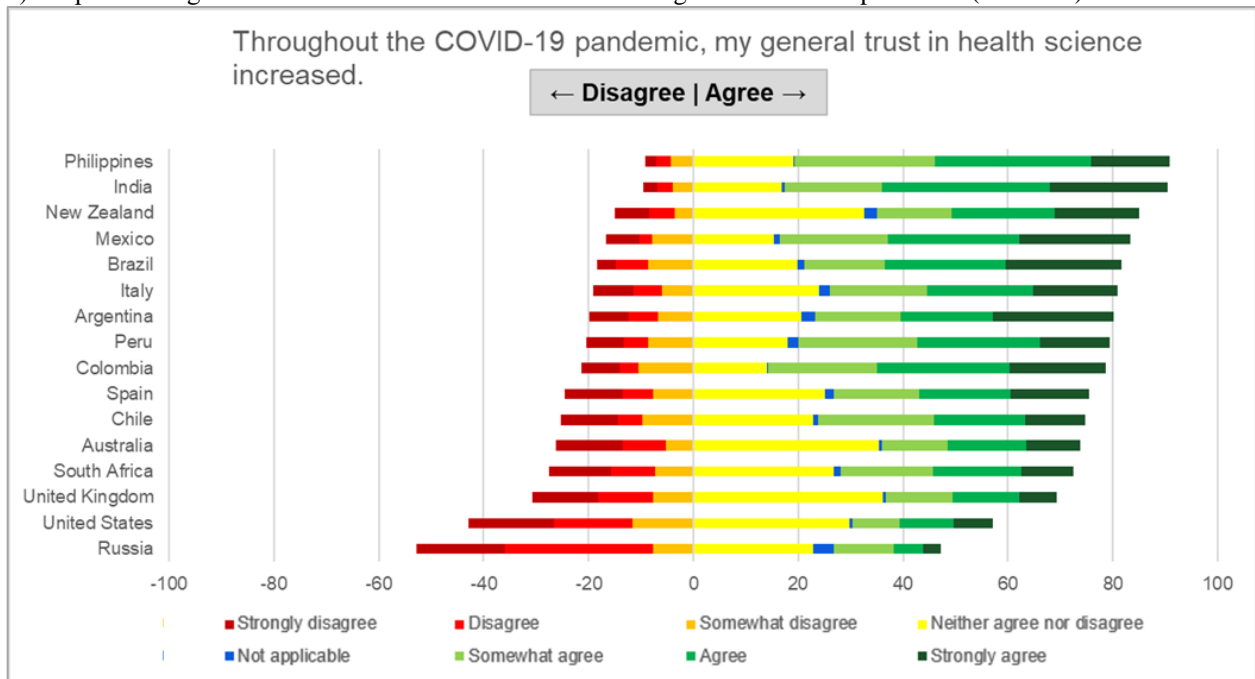
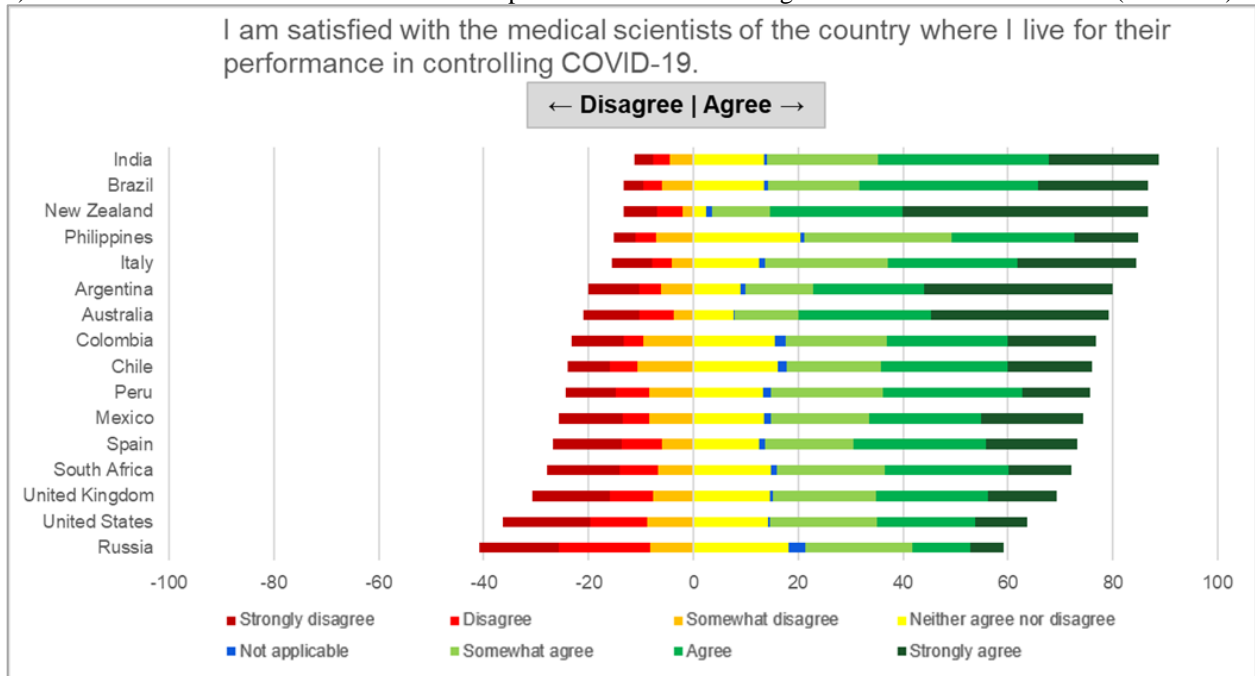


Figure S3: Satisfaction with COVID-19 control among global pregnant women and mothers of young children

a) Satisfaction with medical scientists for their performance in controlling COVID-19 in their countries (n= 17837)



b) Satisfaction with health authorities for their performance in controlling COVID-19 in their countries (n= 17837)

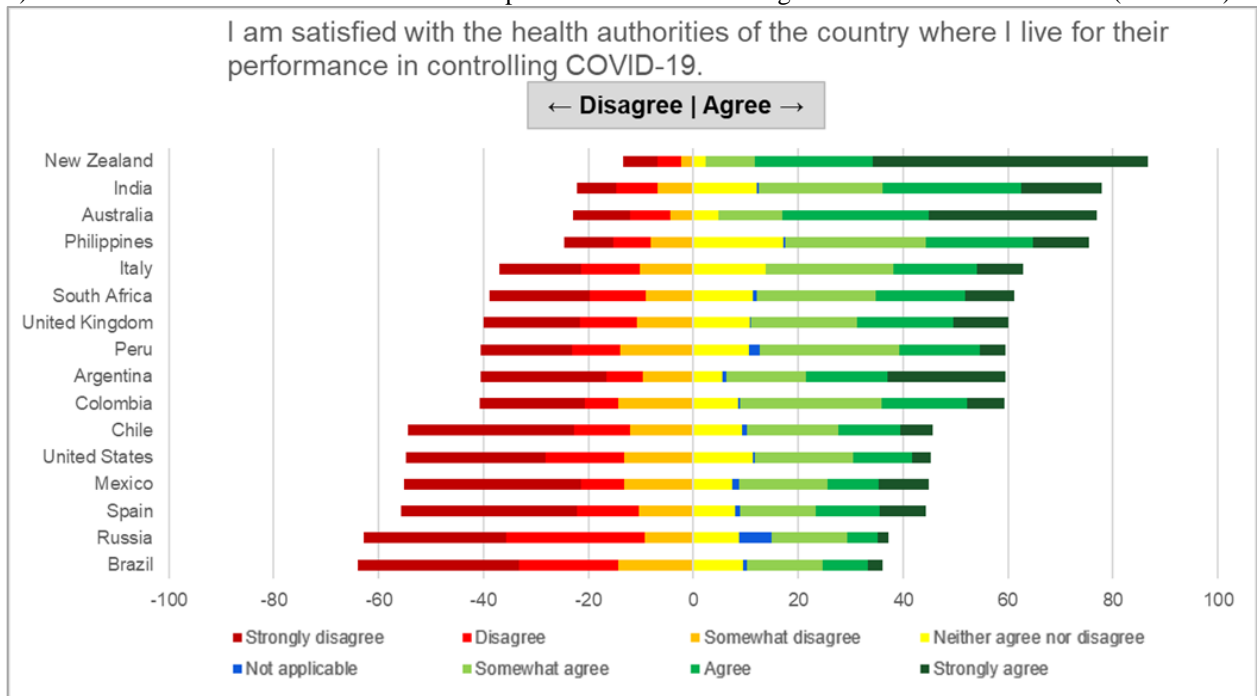


Figure S4: Information COVID-19 and vaccine development among global pregnant women and mothers of young children

a) Respondents' feelings of how informed they are about COVID-19 and vaccines being developed (n=17747)

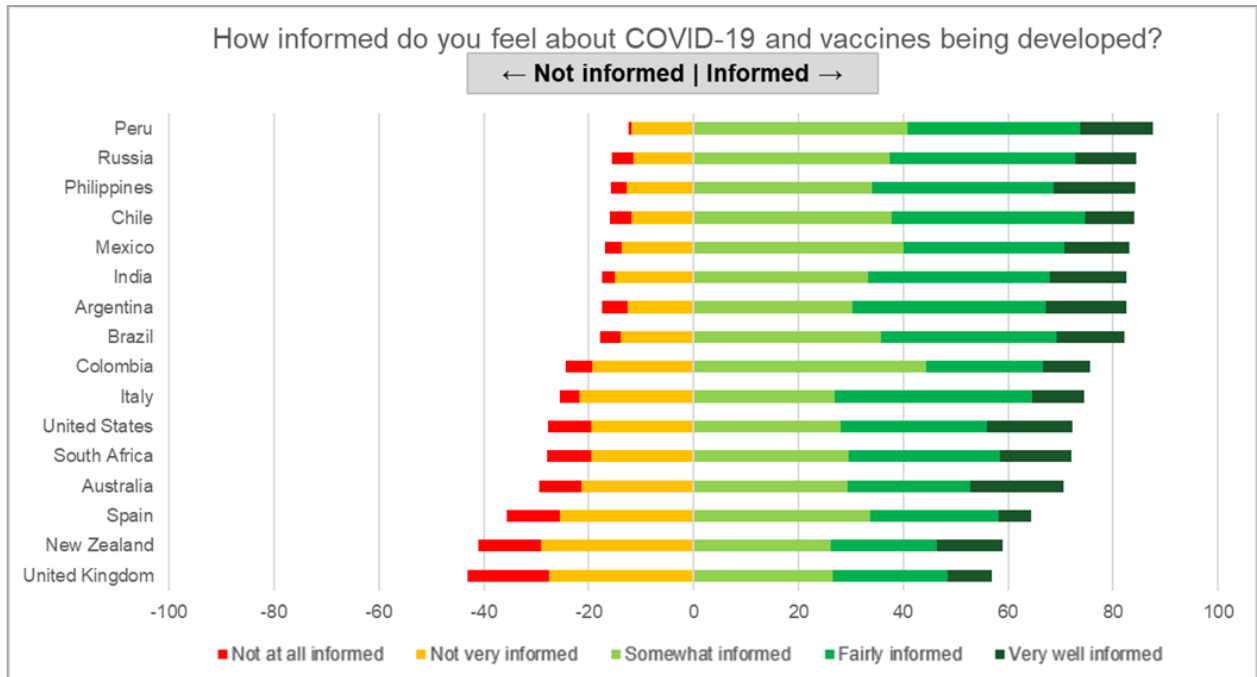
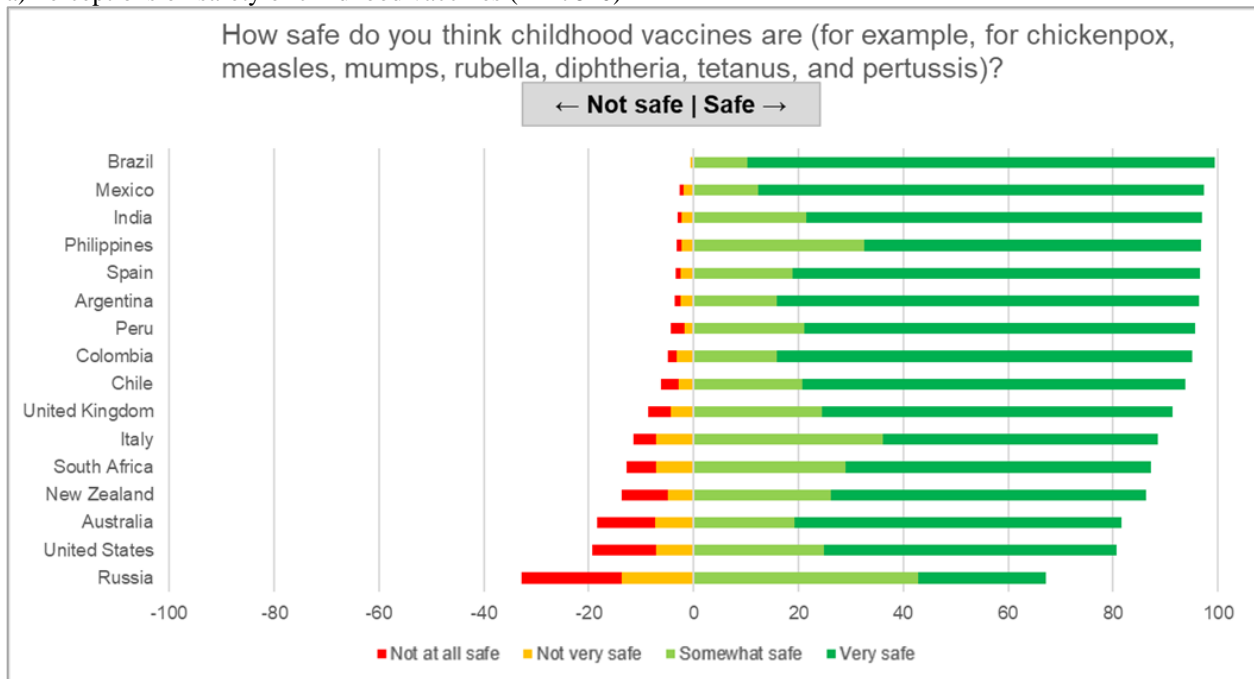


Figure S5: Perceptions on childhood vaccines among global pregnant women and mothers of young children

a) Perceptions on safety of childhood vaccines (n=17840)



b) Perceptions on effectiveness of childhood vaccines (n=17839)

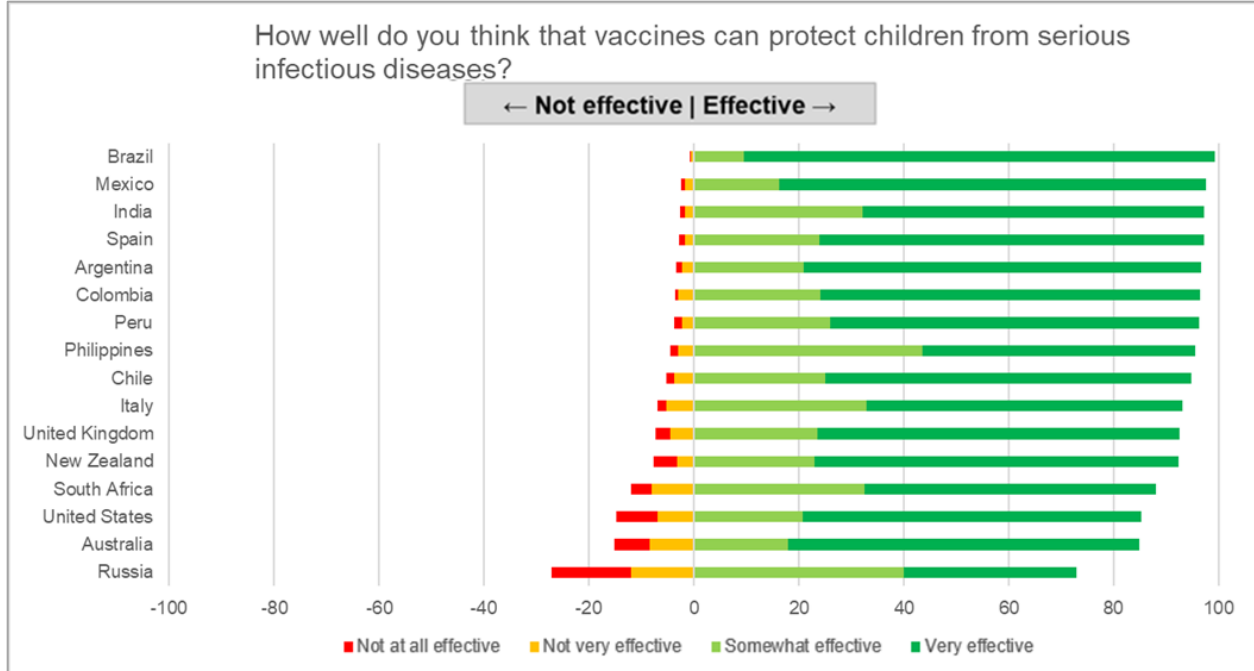
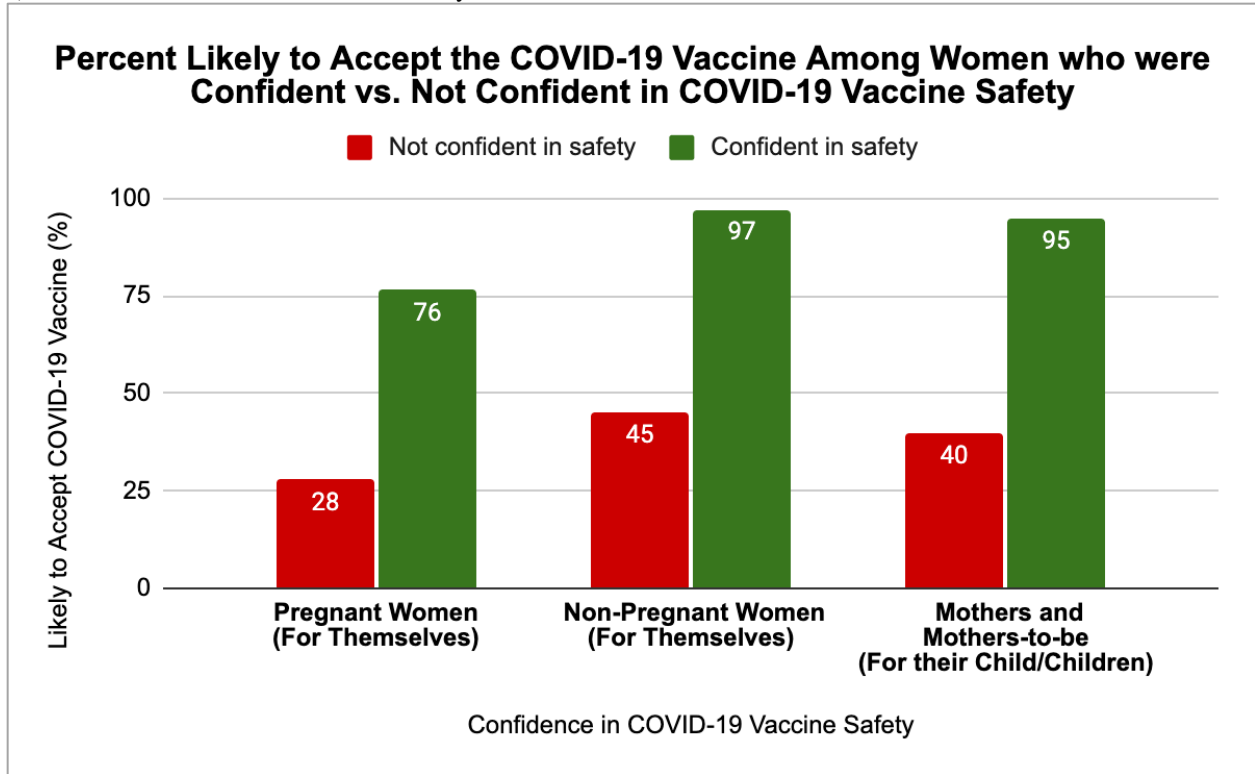
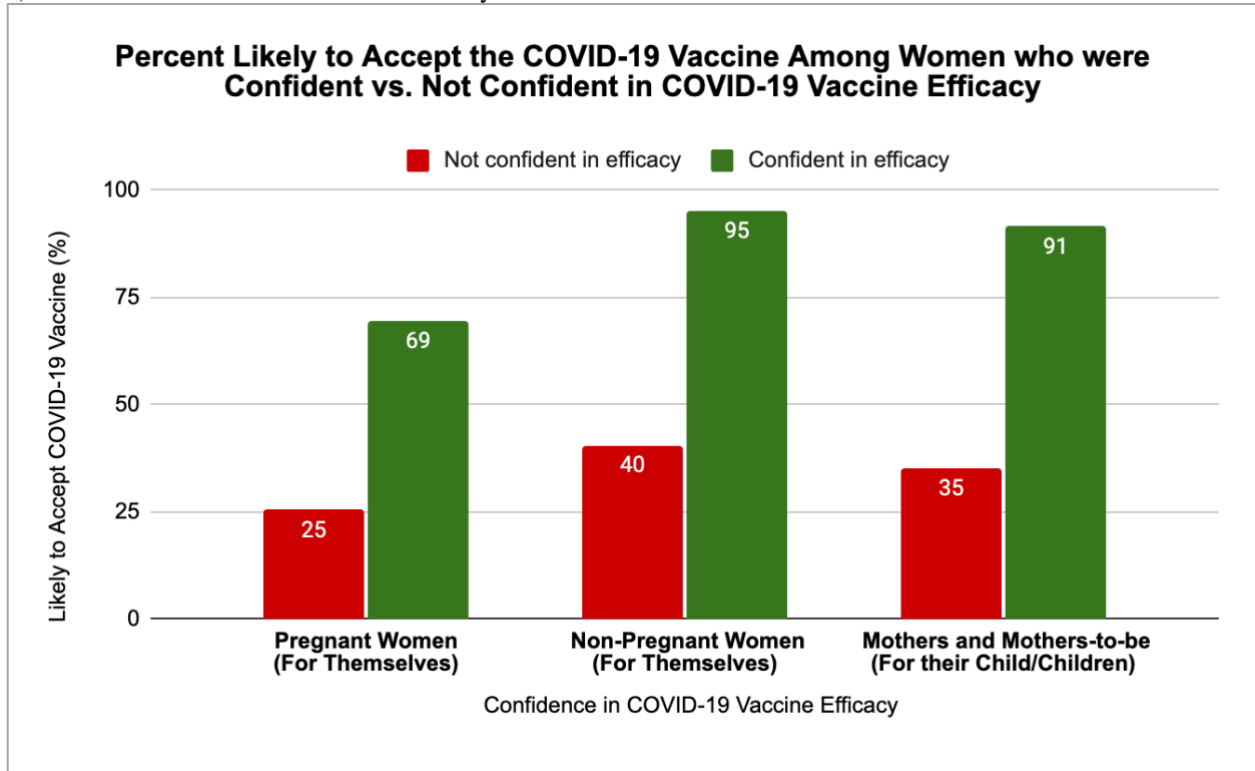


Figure S6: Key predictors of vaccine acceptance among pregnant women, non-pregnant women, and mothers/mothers-to-be

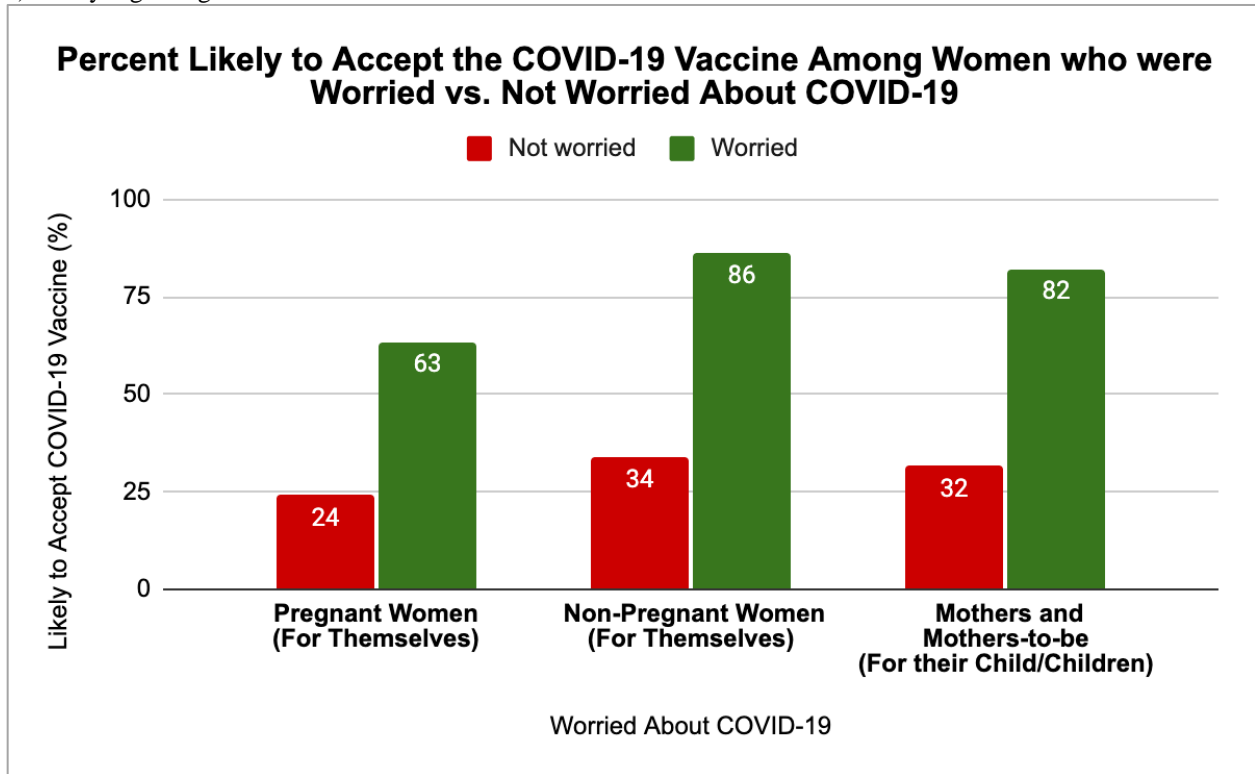
a) Confidence in COVID-19 vaccine safety



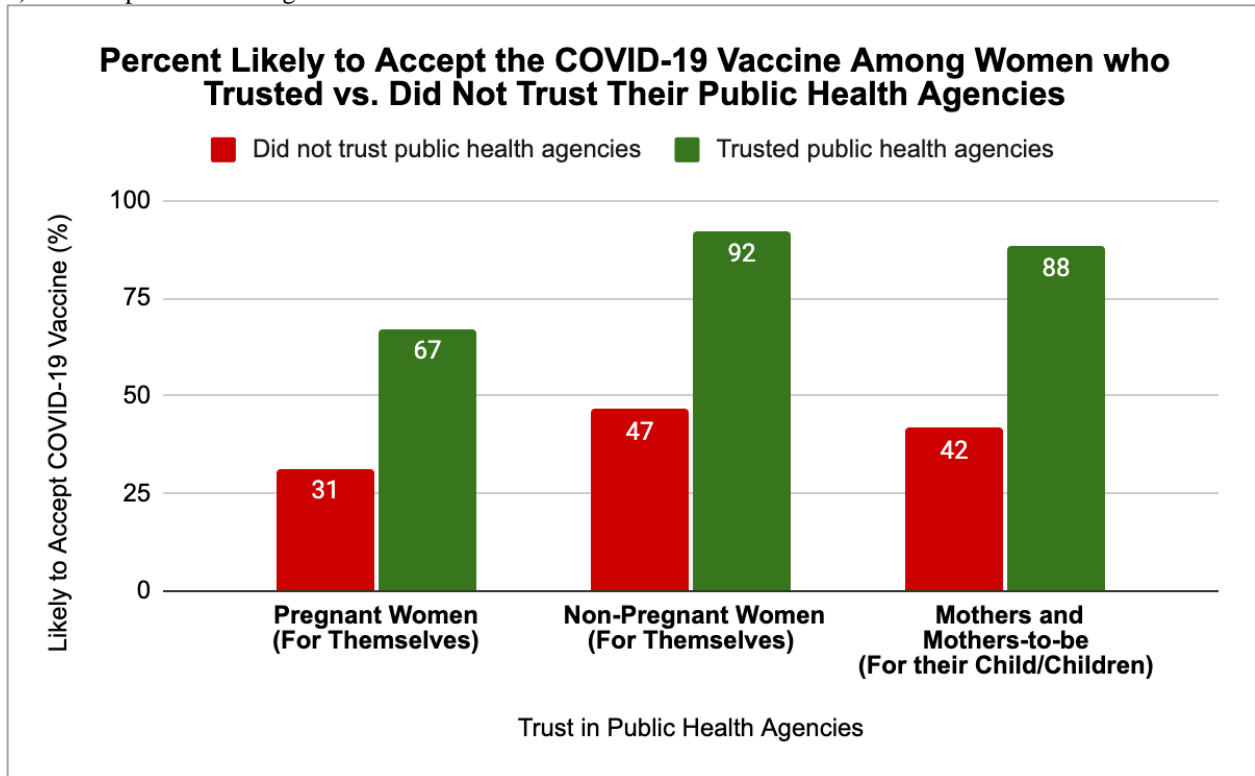
b) Confidence in COVID-19 vaccine efficacy



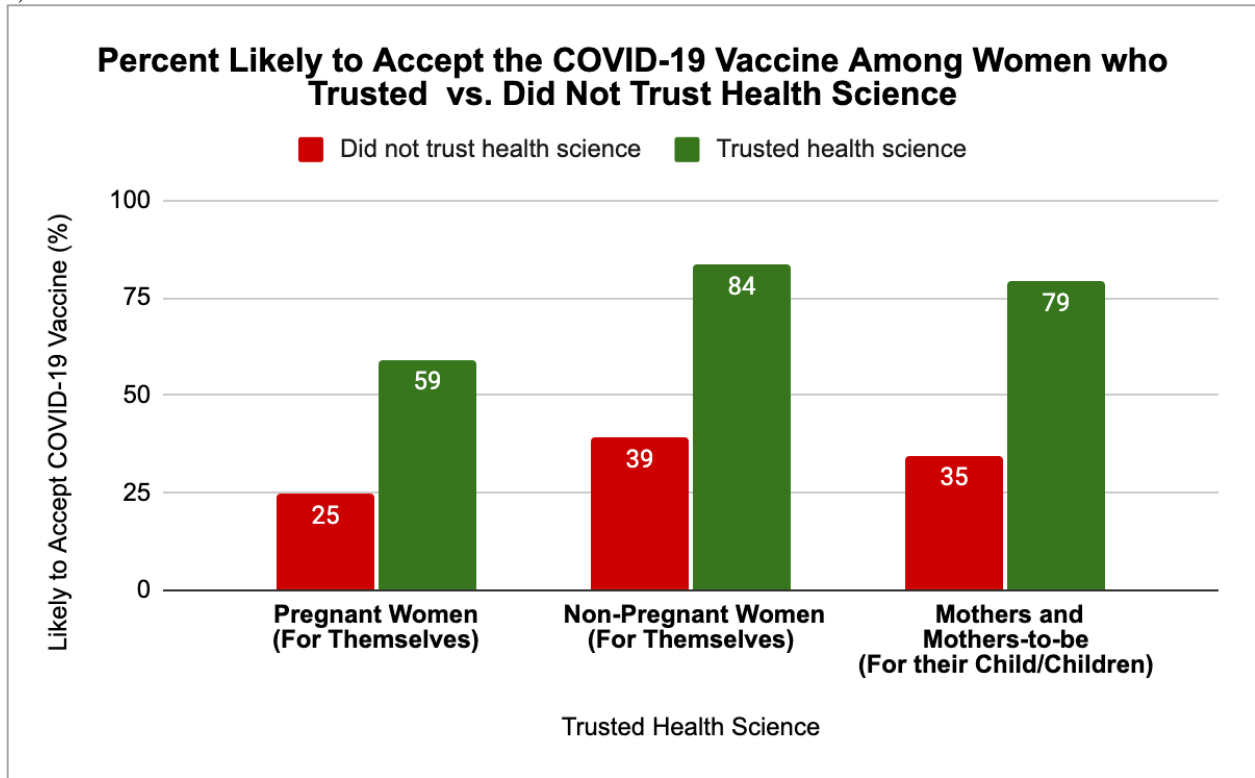
c) Worry regarding COVID-19



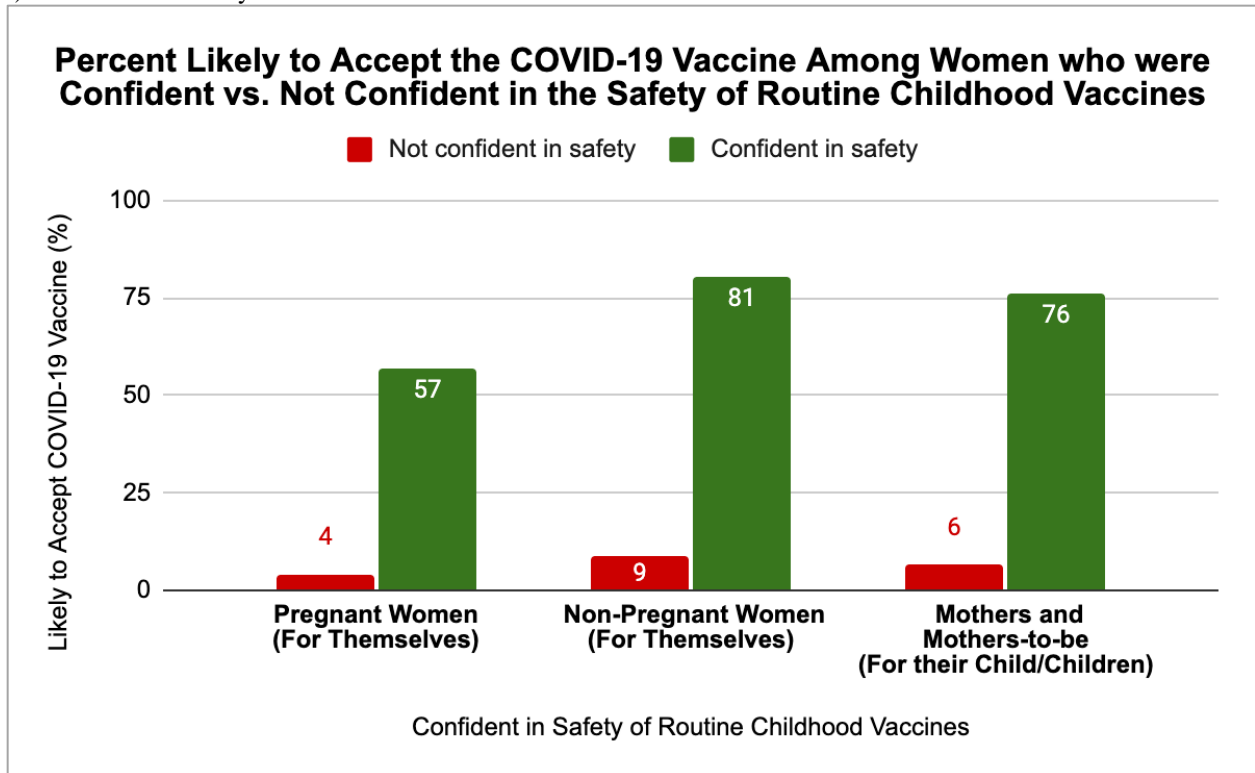
d) Trust in public health agencies



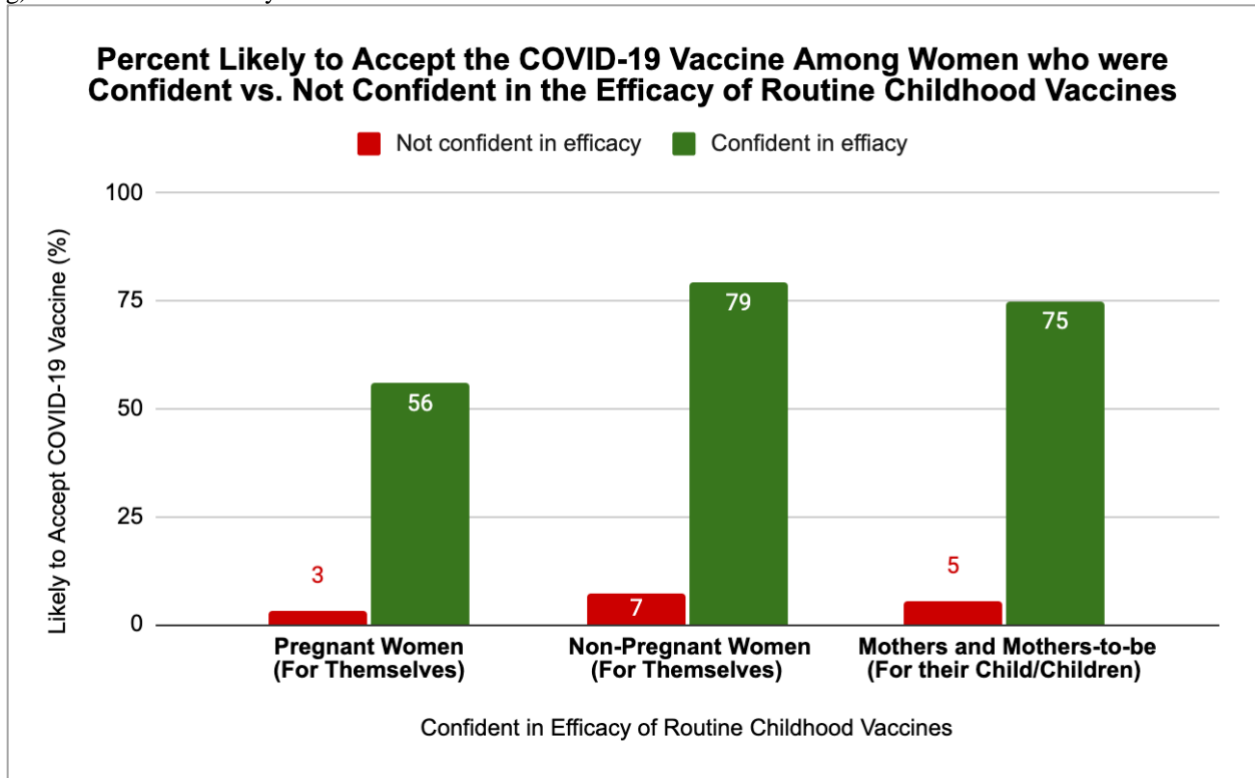
e) Trust in health science



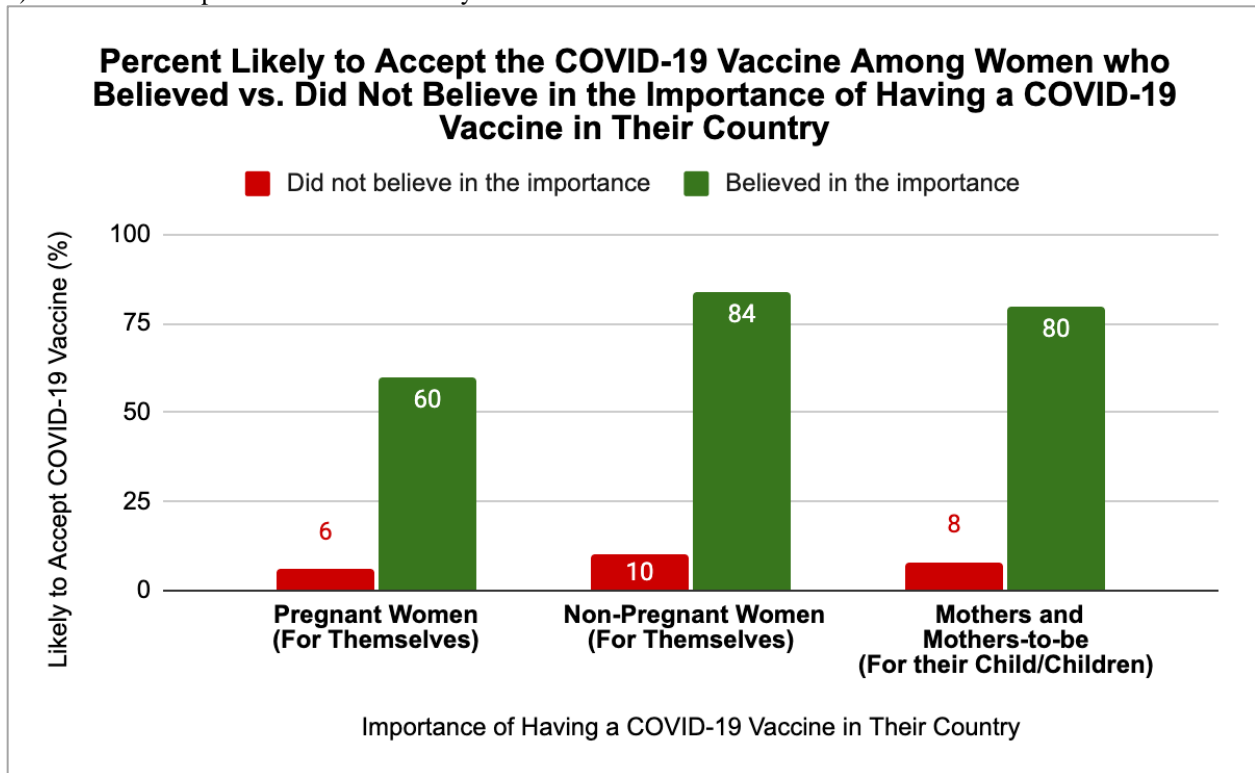
f) Confidence in safety of routine childhood vaccines



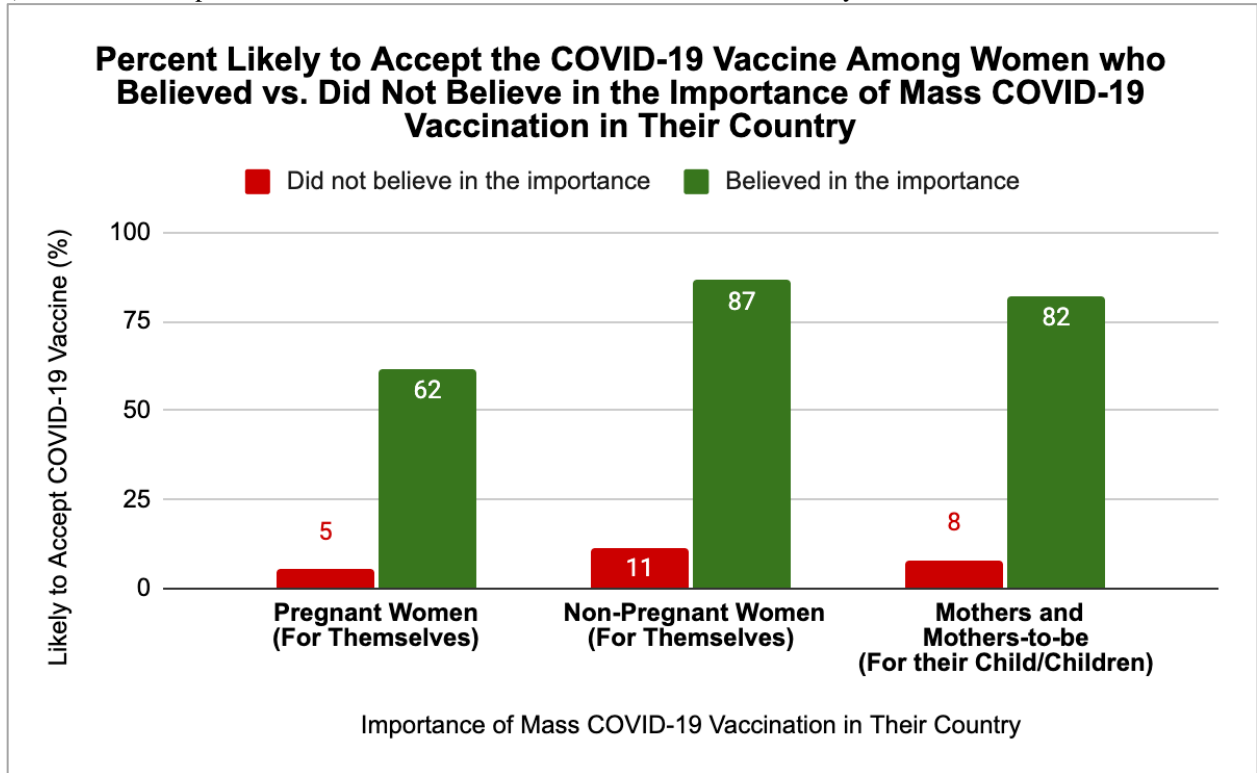
g) Confidence in efficacy of routine childhood vaccines



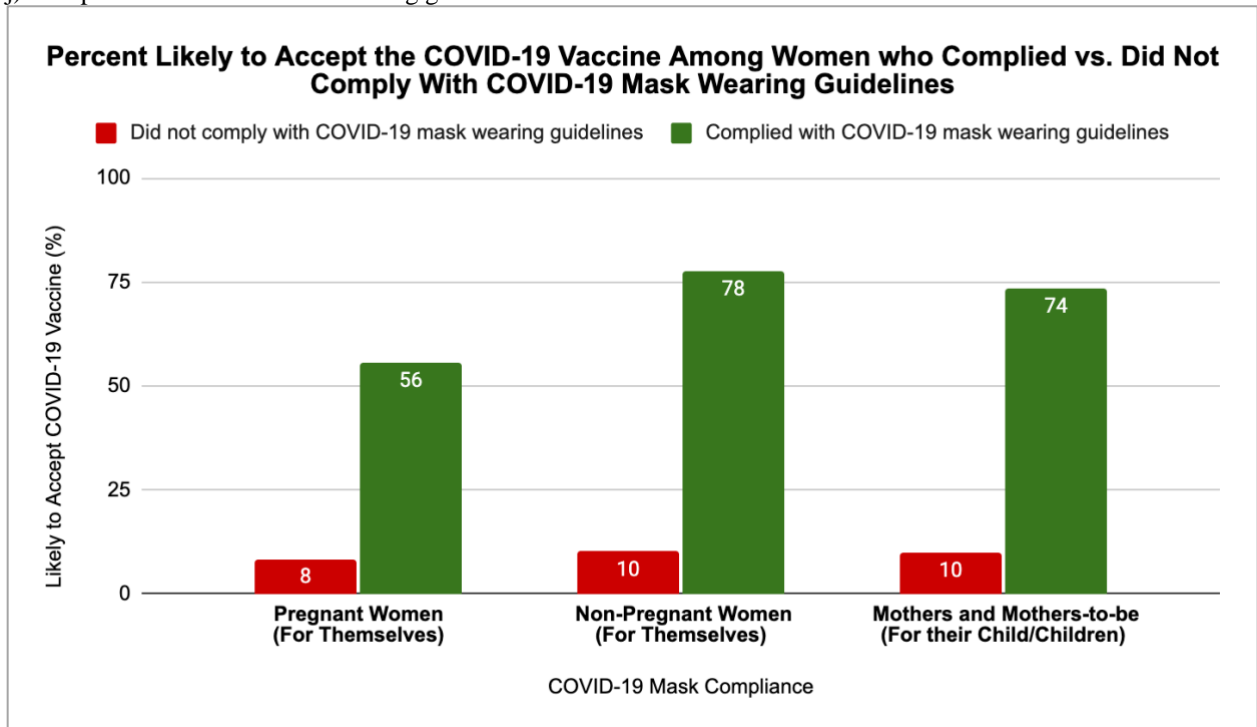
h) Belief in the importance for their country to have a COVID-19 vaccine



i) Belief in the importance of mass COVID-19 vaccination in their own country



j) Compliance with face mask wearing guidelines



k) Monitoring of COVID-19 news and media

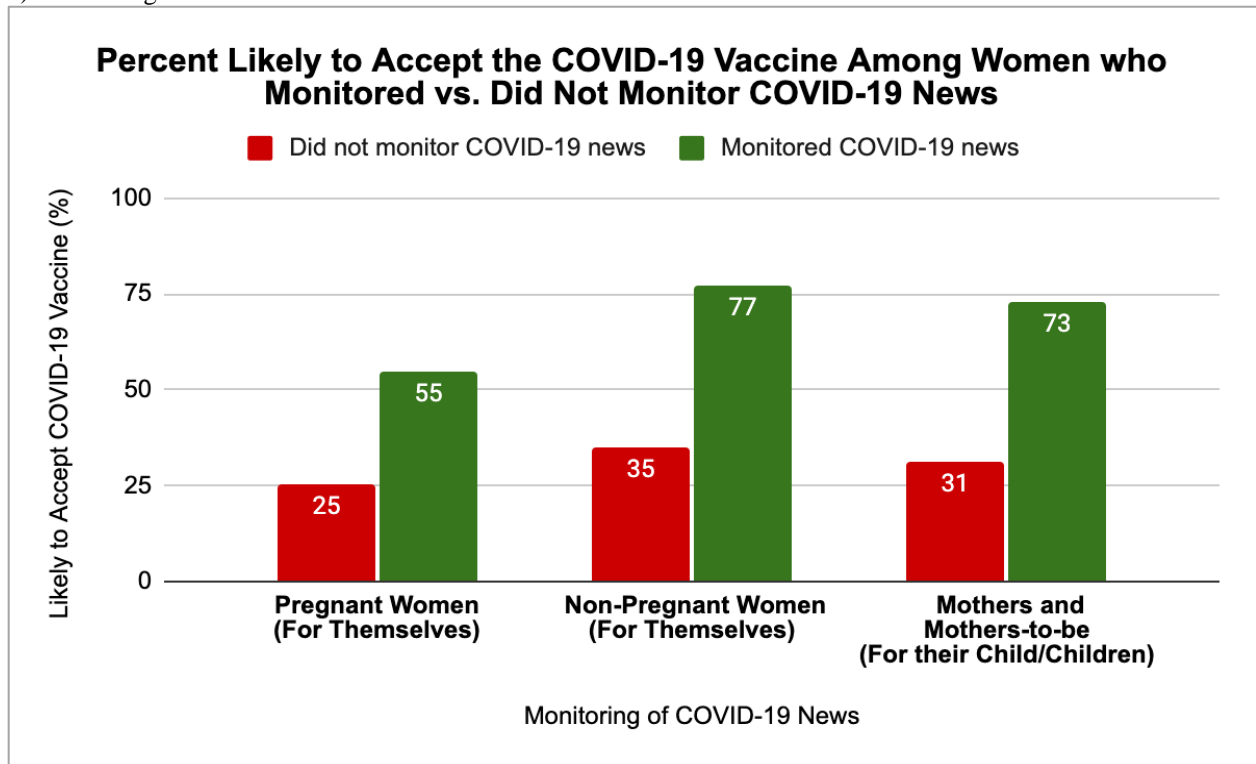


Table 1S: Complete Demographics for 16 Countries (n=17871)

	Overall	North America		South America					Africa	Europe				Asia		Oceania	
		United States	Mexico	Brazil	Colombia	Chile	Argentina	Peru	South Africa	Spain	Italy	Russia	United Kingdom	Philippines	India	Australia	New Zealand
n (%)	*17871 (100)	4014 (22.5)	1005 (5.6)	932 (5.2)	516 (2.9)	434 (2.4)	1632 (9.1)	347 (1.9)	686 (3.8)	672 (3.8)	995 (5.6)	537 (3.0)	2702 (15.1)	1034 (5.8)	1639 (9.2)	476 (2.7)	250 (1.4)
Pregnant (%)																	
<i>Yes</i>	5294 (29.6)	2010 (50.1)	167 (16.6)	631 (67.9)	48 (9.3)	74 (17.1)	205 (12.6)	34 (9.8)	69 (10.1)	187 (27.9)	236 (23.7)	154 (28.7)	790 (29.3)	91 (8.8)	253 (15.4)	256 (53.8)	89 (35.6)
<i>No</i>	12571 (70.4)	2004 (49.9)	837 (83.4)	299 (32.2)	468 (90.7)	360 (83.0)	1427 (87.4)	312 (90.2)	617 (89.9)	484 (72.1)	759 (76.3)	383 (71.3)	1,911 (70.8)	943 (91.2)	1386 (84.6)	220 (46.2)	161 (64.4)
Children (%)																	
<i>Yes</i>	15198 (85.1)	3,095 (77.1)	911 (90.7)	567 (61.0)	487 (94.4)	407 (93.8)	1525 (93.6)	328 (94.8)	655 (95.5)	567 (84.5)	888 (89.3)	485 (90.5)	2276 (84.3)	1005 (97.2)	1464 (89.3)	334 (70.3)	205 (81.9)
<i>No</i>	2661 (14.9)	919 (22.9)	93 (9.3)	363 (39.0)	29 (5.6)	27 (6.2)	104 (6.4)	18 (5.2)	31 (4.5)	104 (15.5)	107 (10.8)	51 (9.5)	425 (15.7)	29 (2.8)	175 (10.7)	141 (29.7)	45 (18.1)
No. Children (%)																	
<i>0</i>	2661 (14.9)	919 (22.9)	93 (9.3)	363 (39.0)	29 (5.6)	27 (6.2)	104 (6.4)	18 (5.2)	31 (4.5)	104 (15.5)	107 (10.8)	51 (9.5)	425 (15.7)	29 (2.8)	175 (10.7)	141 (29.7)	45 (18.1)
<i>1</i>	6795 (38.1)	1243 (31.0)	401 (39.9)	331 (35.6)	249 (48.3)	170 (39.2)	577 (35.4)	143 (41.3)	230 (33.5)	288 (42.9)	482 (48.4)	231 (43.1)	910 (33.7)	363 (35.1)	950 (58.0)	147 (31.0)	80 (32.1)
<i>2</i>	5465 (30.6)	1004 (25.0)	375 (37.4)	168 (18.1)	191 (37.0)	150 (34.6)	564 (34.6)	122 (35.3)	285 (41.6)	217 (32.3)	316 (31.8)	198 (36.9)	862 (31.9)	344 (33.3)	489 (29.8)	102 (21.5)	78 (31.3)
<i>3</i>	1948 (10.9)	499 (12.4)	106 (10.6)	46 (5.0)	38 (7.4)	63 (14.5)	264 (16.2)	53 (15.3)	104 (15.2)	50 (7.5)	70 (7.0)	44 (8.2)	321 (11.9)	188 (18.2)	20 (1.2)	49 (10.3)	33 (13.3)
<i>4+</i>	990 (5.5)	349 (8.7)	29 (2.9)	22 (2.4)	9 (1.7)	24 (5.5)	120 (7.4)	10 (2.9)	36 (5.3)	12 (1.8)	20 (2.0)	12 (2.2)	183 (6.8)	110 (10.6)	5 (0.3)	36 (7.6)	13 (5.2)
Age (%)																	
<i>Mean (sd)</i>	34.44 (7.3)	32.15 (6.4)	34.96 (7.6)	31.10 (6.2)	35.11 (7.6)	36.57 (7.5)	36.79 (7.6)	35.96 (8.4)	36.99 (8.0)	36.02 (7.1)	36.84 (7.0)	34.67 (6.4)	35.41 (7.5)	35.1 (7.9)	33.59 (5.83)	32.46 (6.7)	34.08 (8.0)
<i>18-24</i>	1299 (7.3)	420 (10.5)	91 (9.1)	142 (15.3)	41 (8.0)	23 (5.3)	86 (5.3)	29 (8.4)	51 (7.4)	30 (4.5)	28 (2.8)	16 (3.0)	136 (5.0)	79 (7.6)	58 (3.5)	45 (9.5)	24 (9.6)
<i>25-29</i>	3396 (19.0)	1,006 (25.1)	173 (17.2)	232 (25.0)	91 (17.6)	45 (10.4)	199 (12.2)	57 (16.5)	75 (10.9)	87 (13.0)	113 (11.4)	101 (18.8)	470 (17.4)	204 (19.7)	358 (21.8)	133 (27.9)	52 (20.8)
<i>30-34</i>	4937(27.6)	1,320 (32.9)	229 (22.8)	264 (28.4)	115 (22.3)	112 (25.8)	357 (21.9)	67 (19.4)	141 (20.6)	176 (26.2)	257 (25.8)	167 (31.2)	731 (27.1)	238 (23.0)	564 (34.4)	134 (28.2)	65 (26.0)
<i>35-39</i>	4041(22.6)	811 (20.2)	224 (22.3)	217 (23.3)	117 (22.7)	110 (25.4)	369 (22.6)	69 (19.9)	144 (21.0)	166 (24.7)	281 (28.2)	140 (26.1)	624 (23.1)	221 (21.4)	393 (24.0)	99 (20.8)	56 (22.4)
<i>40-65</i>	4189 (23.5)	457 (11.4)	287 (28.6)	75 (8.1)	152 (29.5)	144 (33.2)	619 (38.0)	124 (35.8)	275 (40.1)	212 (31.6)	316 (31.8)	112 (20.9)	740 (27.4)	292 (28.2)	266 (16.2)	65 (13.7)	53 (21.2)
Race/Ethnicity †																	
<i>White</i>	11402	3695	182	659	99	113	809	56	476	546	963	519	2585	18	21	446	215
<i>Latina</i>	3695	317	900	167	436	347	982	283	3	179	34	0	25	14	3	4	1

<i>Asian</i>	2187	69	8	9	1	0	3	1	30	2	4	6	19	881	1142	7	5
<i>South Asian</i>	689	19	4	2	1	0	3	0	11	1	0	0	12	170	457	5	4
<i>Black</i>	386	101	6	101	9	0	14	5	114	3	2	0	14	5	10	2	0
<i>Middle Eastern</i>	115	31	6	3	1	0	7	3	5	2	1	5	14	5	25	6	1
<i>Native Hawaiian/ Pacific Islander</i>	47	16	3	2	1	0	3	1	0	3	1	0	1	3	1	4	8
<i>American Indian/ Alaska Native</i>	144	95	5	4	1	2	9	0	0	1	1	0	3	6	17	0	0
<i>Other/Multiracial</i>	558	107	12	61	10	14	36	25	67	13	8	16	70	17	54	21	27
SES (%)																	
<i>Lower-Class</i>	1993 (11-2)	395 (9-8)	106 (10-6)	168 (18-1)	62 (12-0)	45 (10-4)	178 (11-0)	59 (17-1)	68 (9-9)	61 (9-1)	71 (7-1)	55 (10-3)	343 (12-7)	276 (26-7)	58 (3-54)	32 (6-7)	16 (6-5)
<i>Middle-Class</i>	15621 (87-5)	3551 (88-5)	896 (89-2)	756 (81-5)	453 (87-8)	381 (87-8)	1447 (89-0)	285 (82-4)	601 (87-6)	607 (90-6)	919 (92-5)	469 (87-5)	2324 (86-0)	752 (72-7)	1518 (92-62)	435 (91-6)	227 (91-5)
<i>Upper-Class</i>	237 (1-3)	68 (1-7)	2 (0-2)	4 (0-4)	1 (0-2)	8 (1-8)	1 (0-1)	2 (0-6)	17 (2-5)	2 (0-3)	4 (0-4)	12 (2-2)	34 (1-3)	6 (0-6)	63 (3-84)	8 (1-7)	5 (2-0)
Education (%)																	
<i>Never attended school</i>	11 (0-1)	1 (0-02)	1 (0-1)	0	0	0	3 (0-2)	0	2 (0-3)	0	1 (0-1)	0	2 (0-1)	1 (0-1)	0	0	0
<i>Elementary school</i>	141 (0-8)	2 (0-1)	6 (0-6)	13 (1-4)	7 (1-4)	12 (2-8)	52 (3-2)	3 (0-9)	2 (0-3)	26 (3-9)	1 (0-1)	1 (0-2)	11 (0-4)	1 (0-1)	2 (0-1)	2 (0-4)	0
<i>Some high school</i>	946 (5-3)	31 (0-8)	51 (5-1)	36 (3-9)	12 (2-3)	64 (14-8)	104 (6-4)	91 (26-3)	31 (4-5)	81 (12-1)	75 (7-6)	239 (44-6)	60 (2-2)	14 (1-4)	14 (0-9)	21 (4-4)	22 (8-8)
<i>High school graduate or equivalent</i>	2113 (11-9)	308 (7-7)	172 (17-1)	155 (16-7)	97 (18-8)	24 (5-5)	427 (26-3)	10 (2-9)	129 (18-8)	78 (11-6)	240 (24-2)	16 (3-0)	200 (7-44)	104 (10-1)	64 (3-9)	63 (13-3)	26 (10-4)
<i>Some college/university</i>	3160 (17-7)	887 (22-2)	206 (20-5)	182 (19-6)	108 (21-0)	64 (14-8)	350 (21-5)	87 (25-1)	74 (10-8)	47 (7-0)	160 (16-1)	31 (5-8)	480 (17-9)	276 (26-7)	96 (5-9)	73 (15-4)	39 (15-7)
<i>College diploma/university degree</i>	6746 (37-9)	1719 (43-0)	375 (37-4)	261 (28-2)	173 (33-6)	176 (40-7)	433 (26-7)	94 (27-2)	324 (47-2)	224 (33-4)	353 (35-5)	154 (28-7)	1273 (47-34)	489 (47-3)	363 (22-2)	220 (46-3)	115 (46-2)
<i>Professional degree</i>	1690 (9-5)	109 (2-7)	33 (3-3)	210 (22-7)	42 (8-2)	54 (12-5)	202 (12-4)	11 (3-2)	39 (5-7)	157 (23-4)	46 (4-6)	29 (5-4)	272 (10-12)	49 (4-7)	402 (24-6)	16 (3-4)	19 (7-6)
<i>Masters degree</i>	2452 (13-8)	748 (18-7)	140 (13-9)	52 (5-6)	72 (14-0)	33 (7-6)	33 (2-0)	45 (13-0)	69 (10-1)	36 (5-4)	85 (8-6)	52 (9-7)	318 (11-8)	77 (7-5)	601 (36-7)	71 (15-0)	20 (8-0)
<i>Doctoral degree</i>	561 (3-2)	196 (4-9)	20 (2-0)	18 (1-9)	4 (0-8)	6 (1-4)	21 (1-3)	5 (1-5)	16 (2-3)	22 (3-3)	32 (3-2)	14 (2-6)	73 (2-7)	22 (2-1)	95 (5-8)	9 (1-9)	8 (3-2)
Marriage Status (%)																	
<i>Divorced</i>	514 (2-9)	121 (3-0)	36 (3-6)	11 (1-2)	6 (1-2)	18 (4-2)	55 (3-4)	10 (2-9)	41 (6-0)	31 (4-6)	22 (2-2)	23 (4-3)	103 (3-8)	3 (0-3)	25 (1-5)	7 (1-5)	2 (0-8)
<i>Living with a partner</i>	3195 (18-0)	99 (2-5)	210 (21-0)	321 (34-7)	158 (30-7)	129 (29-9)	581 (35-8)	106 (30-6)	55 (8-0)	180 (26-9)	300 (30-2)	29 (5-4)	558 (20-8)	268 (26-0)	14 (0-9)	118 (24-8)	69 (27-8)
<i>Married</i>	12004 (67-4)	3410 (85-3)	596 (59-5)	533 (57-6)	243 (47-3)	207 (47-9)	692 (42-7)	170 (49-1)	474 (69-1)	409 (61-0)	607 (61-2)	463 (86-7)	1597 (59-4)	603 (58-5)	1534 (93-7)	306 (64-4)	160 (64-5)
<i>Never married</i>	1541 (8-7)	332 (8-3)	106 (10-6)	54 (5-8)	72 (14-0)	66 (15-3)	197 (12-2)	33 (9-5)	97 (14-1)	31 (4-6)	32 (3-2)	11 (2-1)	354 (13-2)	96 (9-3)	22 (1-3)	27 (5-7)	11 (4-4)
<i>Separated</i>	437 (2-5)	28 (0-7)	42 (4-2)	6 (0-7)	33 (6-4)	10 (2-3)	73 (4-5)	23 (6-7)	14 (2-0)	18 (2-7)	27 (2-7)	6 (1-1)	59 (2-2)	47 (4-6)	30 (1-8)	15 (3-2)	6 (2-4)

Widowed	110 (0.6)	9 (0.2)	12 (1.2)	1 (0.1)	2 (0.4)	2 (0.5)	24 (1.5)	4 (1.2)	5 (0.7)	1 (0.2)	4 (0.4)	2 (0.4)	16 (0.6)	14 (1.4)	12 (0.7)	2 (0.4)	0
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**For variables where categories or observations do not add up to 17871, they were the result of missing responses from participants for the corresponding questions on the survey*
† Race/ethnicity adds up to more than 17871 because respondents were allowed to identify with more than one race/ethnic group, which is why the percentages were not reported

Table 2S: “Big 7” predictors of vaccine acceptance for 16 countries among global pregnant women and mothers of young children

Association between Exposure Variables and Vaccine Acceptance among Non-Pregnant Women (Likely vs. Unlikely)	United States (N=2004; 53% Likely)		Argentina (N=1422; 79% Likely)		Brazil (N=298; 92% Likely)		Chile (N=360; 79% Likely)		Colombia (N=467, 86% Likely)		Mexico (N=837; 92% Likely)		Peru (N=312, 80% Likely)		South Africa (N=617, 67% Likely)	
	OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI
Past Acceptance and Perceived Safety/Efficacy of Other Vaccines																
Routine immunization for children (ref: no)	32·3	22·1, 47·1	52·1	6·8, 400	*	*	24·3	5·3, 112	7·60	2·82, 20·5	12·9	5·74, 29·2	7·83	3·08, 19·9	14·8	7·90, 27·6
Think childhood vaccines are safe (ref: not safe)	97·5	53·1, 179	29·4	12·4, 70·2	*	*	22·2	7·23, 68·0	36·4	11·8, 112	28·3	10·3, 77·2	19·3	5·26, 70·8	38·6	16·4, 90·8
Thinks childhood vaccines are effective in protecting against diseases (ref: not effective)	168	62·4, 453	16·3	7·70, 34·3	*	*	83·2	10·9, 638	35·0	9·72, 126	31·0	11·5, 83·8	58·3	7·42, 459	27·8	12·5, 62·0
Did receive flu vaccination last year (ref: did not receive)	13·5	10·9, 16·8	3·58	2·75, 4·68	8·66	3·32, 22·6	8·35	4·36, 16·0	1·79	1·04, 3·08	3·39	2·07, 5·56	3·57	2·01, 6·32	8·59	5·48, 13·5
Confidence in COVID-19 Vaccine																
Confident in safety of COVID-19 vaccine post-approval by country's health agencies (not confident)	56·6	39·4, 81·3	20·1	12·9, 31·2	22·5	7·31, 69·0	15·3	7·05, 33·0	21·0	9·70, 45·4	28	12·6, 62·1	41·7	14·6, 119	117	53·1, 258
Confident in COVID-19 vaccine efficacy post approval by country's health agencies (not confident)	29·9	23·2, 38·6	22·8	14·9, 35·0	33·7	10·8, 105	15·6	7·46, 32·8	26·5	12·2, 57·6	33·9	15·2, 75·3	16·2	7·93, 33·1	70·1	39·6, 124
Perceived Risk of the Virus/Precautions																
Worried about COVID-19 (not worried)	19·3	15·4, 24·2	6·36	4·77, 8·47	32·6	11·7, 91·1	16·0	8·40, 30·4	8·67	4·37, 17·2	6·14	3·34, 11·3	6·72	2·99, 15·1	8·8	6·00, 12·9
Important for country to have vaccine (not important)	77·2	50·8, 117	16·7	9·81, 28·4	72·8	14·2, 373	5·27	2·09, 13·3	10·2	4·44, 23·34	3·73	1·85, 7·50	11·7	3·54, 38·9	49·6	25·6, 96·0
Important for the majority of people in their country getting vaccinated (not important)	66·0	47·8, 91·0	21·0	14·0, 31·3	29·6	7·86, 112	18·9	6·79, 52·8	48·3	15·9, 146	5·83	3·09, 11·0	15·9	4·99, 50·9	48·5	26·9, 87·5
Closely complied with mask guidelines (ref: did not comply)	36·7	22·0, 61·2	9·88	3·08, 31·7	19·1	3·98, 91·5	16·0	1·76, 145	3·05	0·27, 34·08	3·77	0·75, 19·0	*	*	*	*
Monitoring COVID-19 news on any media (ref: never)																
At least once in a while	11·3	7·78, 16·5	5·86	4·04, 8·49	15·5	5·71, 41·9	4·80	2·15, 10·7	2·42	1·11, 5·27	4·64	2·14, 10·1	6·10	1·87, 19·9	3·57	2·16, 5·91
Public Trust and Satisfaction																
Trust in PH Agencies (ref: no trust in PH agencies)	16·6	13·2, 20·9	7·57	5·54, 10·4	14·4	4·73, 43·8	7·68	4·18, 14·1	9·73	5·25, 18·06	8·92	5·08, 15·6	6·94	3·70, 13·0	19·2	11·8, 31·2
Trust in science (ref: no trust in science)	15·5	11·9, 20·2	5·49	4·09, 7·38	10·5	4·19, 26·6	4·54	2·62, 7·88	6·02	3·48, 10·4	4·26	2·53, 7·17	4·13	2·29, 7·44	8·48	5·77, 12·5
Increased trust in science during COVID-19 (ref: no increased trust in science)	12·8	9·52, 17·1	6·82	5·06, 9·21	14·8	4·25, 51·2	3·82	2·17, 6·72	7·33	4·06, 13·2	3·55	2·14, 5·90	4·58	2·47, 8·49	10·03	6·35, 15·8

Association between Exposure Variables and Vaccine Acceptance among Non-Pregnant Women (Likely vs. Unlikely)	Italy (N=758, 77% Likely)		Russia (N=383, 48% Likely)		Spain (N=484, 76% Likely)		United Kingdom (1911; 64% Likely)		India (N=1386; 93% Likely)		Philippines (N=943; 80% Likely)		Australia (N=220, 55% Likely)		New Zealand (N=160, 66% Likely)	
	OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI
Past Acceptance and Perceived Safety/Efficacy of Other Vaccines																
Routine immunization for children (ref: no)	22.9	10.9, 48.1	17.2	8.34, 35.6	9.12	2.38, 35.0	29.8	17.1, 51.9	10.5	6.1, 18.1	4.24	2.63, 6.85	*	*	84.0	10.9, 647
Think childhood vaccines are safe (ref: not safe)	22.4	12.5, 40.2	13.7	7.64, 24.6	59.5	7.79, 454	49.9	21.4, 78.0	30.8	16.1, 59.1	13.9	6.16, 31.4	*	*	*	*
Thinks childhood vaccines are effective in protecting against diseases (ref: not effective)	46.8	18.3, 120	14.8	7.38, 29.7	23.4	5.19, 105	71.0	29.0, 174	43.2	20.5, 91.0	12.3	6.20, 24.4	*	*	*	*
Did receive flu vaccination last year (ref: did not receive)	7.84	4.78, 12.8	8.76	4.80, 16.0	2.24	1.36, 3.68	7.12	5.78, 8.78	1.96	1.29, 3.00	1.84	1.29, 2.64	29.1	14.0, 60.5	10.2	4.71, 22.3
Confidence in COVID-19 Vaccine																
Confident in safety of COVID-19 vaccine post-approval by country's health agencies (not confident)	49.1	24.5, 98.4	15.3	5.96, 39.3	27.4	9.88, 75.7	67.7	45.9, 99.8	14.6	8.96, 23.7	15.8	10.1, 24.6	490	64.5, 3718	88.8	20.1, 392
Confident in COVID-19 vaccine efficacy post approval by country's health agencies (not confident)	32.1	19.1, 53.8	15.2	7.34, 31.6	26.5	11.4, 61.9	35.1	26.8, 46.1	16.1	10.1, 25.7	13.8	9.3, 20.5	450	123, 1639	40.7	15.8, 105
Perceived Risk of the Virus/Precautions																
Worried about COVID-19 (not worried)	10.8	6.78, 17.2	8.13	5.03, 13.2	12.1	6.72, 21.6	9.36	7.53, 11.6	6.05	3.88, 9.45	5.93	3.78, 9.33	19.7	9.38, 41.2	5.75	2.80, 11.8
Important for country to have vaccine (not important)	70.8	31.7, 158	58.4	22.9, 149	6.82	2.02, 23.1	55.4	35.4, 86.7	99.4	37.0, 267	32.8	15.2, 70.9	413	54.5, 3123	43.4	13.84, 136
Important for the majority of people in their country getting vaccinated (not important)	78.4	40.1, 154	54.3	25.1, 117	21.3	7.94, 56.9	57.3	39.4, 83.3	81.5	34.4, 193	41.7	20.2, 86.0	161	46.0, 562	31.9	12.5, 81.1
Closely complied with mask guidelines (ref: did not comply)	*	*	32.0	11.4, 89.9	*	*	32.0	16.7, 61.3	1.71	0.39, 7.56	5.44	1.87, 15.9	21.5	4.51, 102	11.3	3.33, 38.3
Monitoring COVID-19 news on any media (ref: never)																
At least once in a while	28.2	6.38, 125	2.86	1.81, 4.53	6.18	2.03, 18.8	6.31	4.32, 9.24	3.5	1.91, 6.41	2.23	0.74, 6.73	10.1	3.37, 30.4	13.3	2.83, 62.5
Public Trust and Satisfaction																
Trust in PH Agencies (ref: no trust in PH agencies)	12.7	8.47, 19.0	13.6	5.68, 32.5	5.37	3.34, 8.63	19.88	15.5, 25.4	8.24	5.22, 13.01	5.56	3.92, 7.88	161	57.9, 450	30.8	11.8, 80.2
Trust in science (ref: no trust in science)	9.28	6.17, 14.0	4.19	2.66, 6.61	4.18	2.62, 6.66	8.96	7.13, 11.2	5.25	3.31, 8.32	5.10	3.57, 7.28	61.6	18.3, 209	12.4	3.90, 39.3
Increased trust in science during COVID-19 (ref: no increased trust in science)	7.65	5.09, 11.5	6.41	3.54, 11.6	5.47	3.31, 9.06	8.15	6.14, 10.8	5.28	3.42, 8.13	4.23	3.03, 5.90	21.6	8.77, 53.2	6.15	2.91, 13.0

*Dropped: observations were dropped when all the participants in one category were unlikely to accept COVID-19 vaccine