

**Supplement Table S2.** Willingness to get COVID-19 vaccine by socio-demographics, work-related, and health-related characteristics.

Variables		Willingness to get the vaccine <sup>11</sup> (%)			p-value *
		Accept	Hesitant	Resistant	
<b>Migrant Status/Type</b>	Qataris (non-migrants)	23.7	49.2	27.1	<0.0001
	White-collar Migrants	42.9	48.3	8.8	
	Blue-collar Migrants	58.5	33.8	7.7	
<b>Education level</b>	Undergraduate or less	41.4	45.5	13.1	0.010
	Graduate/Professional	52.3	42.6	5.1	
<b>Gender</b>	Male	50.0	41.9	50.0	<0.0001
	Female	28.6	51.6	28.6	
<b>Age group (years)</b>	18-29	39.2	43.5	17.3	0.003
	30-34	37.1	57.1	5.7	
	35-39	44.4	45.1	10.5	
	40+	47.3	40.4	12.2	
<b>Marital status</b>	Ever married	42.2	45.6	12.2	0.889
	Never married	44.1	44.0	11.9	
<b>Employment status</b>	Unemployed	28.1	52.7	19.3	<0.0001
	Employed	47.3	42.9	9.8	
<b>Ethnicity</b>	Arab	28.9	54.2	17.0	<0.0001
	Non-Arab	59.2	34.5	6.3	
<b>Living arrangement</b>	Live with others	39.8	47.5	12.8	0.001
	Live alone	57.2	34.1	8.8	
<b>Depression or anxiety<sup>1</sup></b>	Yes	28.9	51.0	20.1	0.018
	No	44.0	44.7	11.3	
<b>Chronic disease<sup>2</sup></b>	Yes	42.7	41.6	15.8	0.125
	No	42.8	46.3	10.9	
<b>COVID-19 status<sup>3</sup></b>	Yes	41.8	43.8	14.4	0.819
	No	42.8	45.3	11.9	
<b>COVID-19 related death<sup>4</sup></b>	Yes	41.1	50.2	8.7	0.337
	No	43.0	44.5	12.6	
<b>Quarantine status<sup>5</sup></b>	Yes	44.0	45.0	11.0	0.848
	No	42.4	45.2	12.4	
<b>COVID-19 infection concerns<sup>6</sup></b>	Not at all/not too concerned	38.9	44.5	16.6	<0.0001
	Somewhat concerned	35.2	54.8	10.0	
	Very concerned	53.4	37.8	8.8	
<b>Effective COVID-19 containment in Qatar<sup>7</sup></b>	Strongly Agree	46.3	42.5	11.2	<0.0001
	Somewhat agree or disagree/Neutral	26.1	57.4	16.5	
<b>COVID-19 vaccine side-effects are of concern<sup>8</sup></b>	Strongly agree	32.5	46.1	21.5	<0.0001
	Somewhat agree	44.4	53.6	2.0	
	Neutral	42.1	51.8	6.0	
	Somewhat disagree	48.9	46.1	5.1	
<b>COVID-19 vaccine should be mandatory<sup>9</sup></b>	Strongly disagree	63.2	16.5	20.3	<0.0001
	Strongly agree	85.2	13.5	1.3	
	Somewhat agree	36.0	61.6	2.4	
	Neutral	22.9	71.3	5.8	
	Somewhat disagree	20.0	74.0	6.0	
<b>Endorsement source for vaccine<sup>10</sup></b>	Strongly disagree	7.3	46.7	46.0	<0.0001
	My doctor	50.4	43.1	6.5	

Ministry of Health	55.8	41.7	2.6
WHO	50.1	44.5	5.4
Positive feedback from			
Friends/family	33.1	60.2	6.7
Scientific research	32.9	62.2	4.9
Other	38.7	43.7	17.6
I will not accept vaccine	1.0	25.8	73.3

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Note. All reported percentages % are weighted. All rows add to 100%. \*Probabilities ( $p$ -values) were derived from design-based  $F$  tests, a weighted Pearson chi square statistic corrected for complex sampling design. The null hypothesis tests the assumption that there is no association between each explanatory variable with COVID-19 vaccine willingness groups. A test of  $p$ -value less than 0.05 would mean that the null hypothesis of independence between the explanatory variable and COVID-19 vaccine willingness groups could be rejected. The corresponding inference in this case would support evidence of statistical association between the explanatory variable and COVID-19 vaccine willingness groups.<sup>1</sup> defined as a cut-off of 10 or more on Physician Health Questionnaire (PHQ-9) or the Generalized Anxiety Disorder Questionnaire (GAD-7);<sup>2</sup>Chronic disease defined by respondents' endorsement of one of the following conditions: diabetes, high blood pressure, high cholesterol, asthma, heart disease, cancer or cancerous tumors, and disability (physical, visual, hearing);<sup>3</sup>defined as positive if the respondent reported positive status confirmed by a test;<sup>4</sup> defined as death of someone close due to COVID-19;<sup>5</sup>defined as any experience of quarantine since the pandemic started;<sup>6</sup> measuring the extent of concern about themselves or their family members contracting COVID-19 (not-at-all concerned, not to concerned, somewhat concerned, very concerned);<sup>7</sup> defined as the extent of agreement/disagreement that the measures taken in Qatar have been effective in controlling the spread of the virus;<sup>8</sup> defined as the degree of agreement/disagreement that "When a coronavirus vaccine becomes available, I will be concerned of its side effects";<sup>9</sup>defined as the degree of agreement/disagreement that "getting the coronavirus vaccine should be made mandatory";<sup>10</sup> based on the question "What would make you more confident in accepting the vaccine?" .