

Supplementary 1. Descriptive statistics on six main themes assessed among participants (N = 1,274).

Themes	Strongly disagree (N)	Disagree (N)	Agree (N)	Strongly agree (N)	Mean	Standard deviation
(a) Risk perception of COVID-19						
I am worried about COVID-19.	25	24	424	801		
I am worried that I will be infected with COVID-19 in the future.	29	67	434	744		
I am worried that my family members will be infected with COVID-19.	25	24	308	917		
I am worried that my friends will be infected with COVID-19.	26	40	422	786	3.58	0.56
The problem of the COVID-19 outbreak is vital to people in my country.	26	27	350	871		
I am worried that many people in my country will be infected with COVID-19 in the future.	25	34	342	873		
For me, getting sick with COVID-19 can be severe.	27	46	365	836		
(b) Social norm of COVID-19 vaccination						
If I tell my parents that I intend to vaccinate against COVID-19 when a vaccine is available, they will respond positively.	13	36	319	906		
If I tell my friends and relatives that I intend to get vaccinated against COVID-19 when a vaccine is available, they will respond positively.	10	43	369	852	3.66	0.52
Most of my friends will support the COVID-19 vaccine.	10	19	312	933		
(c) Perceived benefits of COVID-19 vaccination						
Vaccination is a good idea because I feel less worried about catching COVID-19.	20	62	467	725		
Vaccination decreases my chance of getting COVID-19 or its complications.	19	59	449	747	3.50	0.61
(d) Perceived trust in information sources on COVID-19 vaccination						
I trust what medical doctors say about COVID-19 vaccines.	11	32	497	734		
I trust what scientists say about COVID-19 vaccines.	13	29	507	725		
I trust what media (e.g., TV, radio, social media, the Internet) reports about COVID-19 vaccines.	51	286	632	305		
I trust the information provided by authorities (e.g., MKN and MOH) about the COVID-19 vaccines.	26	77	614	557	3.18	0.53
I trust what my family members say about COVID-19 vaccines	48	338	635	253		
I trust what my friends say about COVID-19 vaccines	45	313	667	249		

(e) Government's response to COVID-19 pandemic

The government helped me and my family meet our daily needs during the COVID-19 pandemic regarding income, food, and shelter.	149	402	613	110		
The government communicated clearly to ensure that everyone had the information they needed to protect themselves and others from COVID-19, regardless of socioeconomic level, migrant status, ethnicity or language.	156	289	632	197		
I trusted the government's reports on the spread of the pandemic and the statistics on the number of COVID-19 cases and deaths.	129	270	646	229		
The government had a strong pandemic preparedness team that included public health and medical experts to manage our national response to the COVID-19 pandemic.	224	394	499	157		
The government gave everyone access to free, reliable COVID-19 testing if they had symptoms.	140	290	645	199		
The government ensured we had full access to the healthcare services we needed during the pandemic.	111	268	691	204	2.72	0.62
The government provided special protections to vulnerable groups at higher risk, such as the elderly, the poor, migrants, prisoners, and the homeless during the COVID-19 pandemic.	150	347	621	156		
The government made sure that healthcare workers had the personal protective equipment (PPE) they needed to protect them from COVID-19 at all times.	63	122	730	359		
The government provided mental health services to help people suffering from loneliness, depression, and anxiety caused by the COVID-19 epidemic.	167	355	610	142		
The government cooperated with other countries and international partners, such as the World Health Organization (WHO), to fight the COVID-19 pandemic.	70	136	794	274		

(f) COVID-19 vaccination intention

If I can get a vaccine for COVID-19 today, I would like to get vaccinated.	19	16	241	998		
If the general public in Malaysia can get a vaccine for COVID-19 today, I would like to encourage my family and friends to get vaccinated.	12	20	232	1,010	3.75	0.52
