

Figure S1: Bar graph showing the distribution of willingness to accept COVID-19 vaccine among students and lecturers in different provinces of Indonesia. Total number of responses: 3343

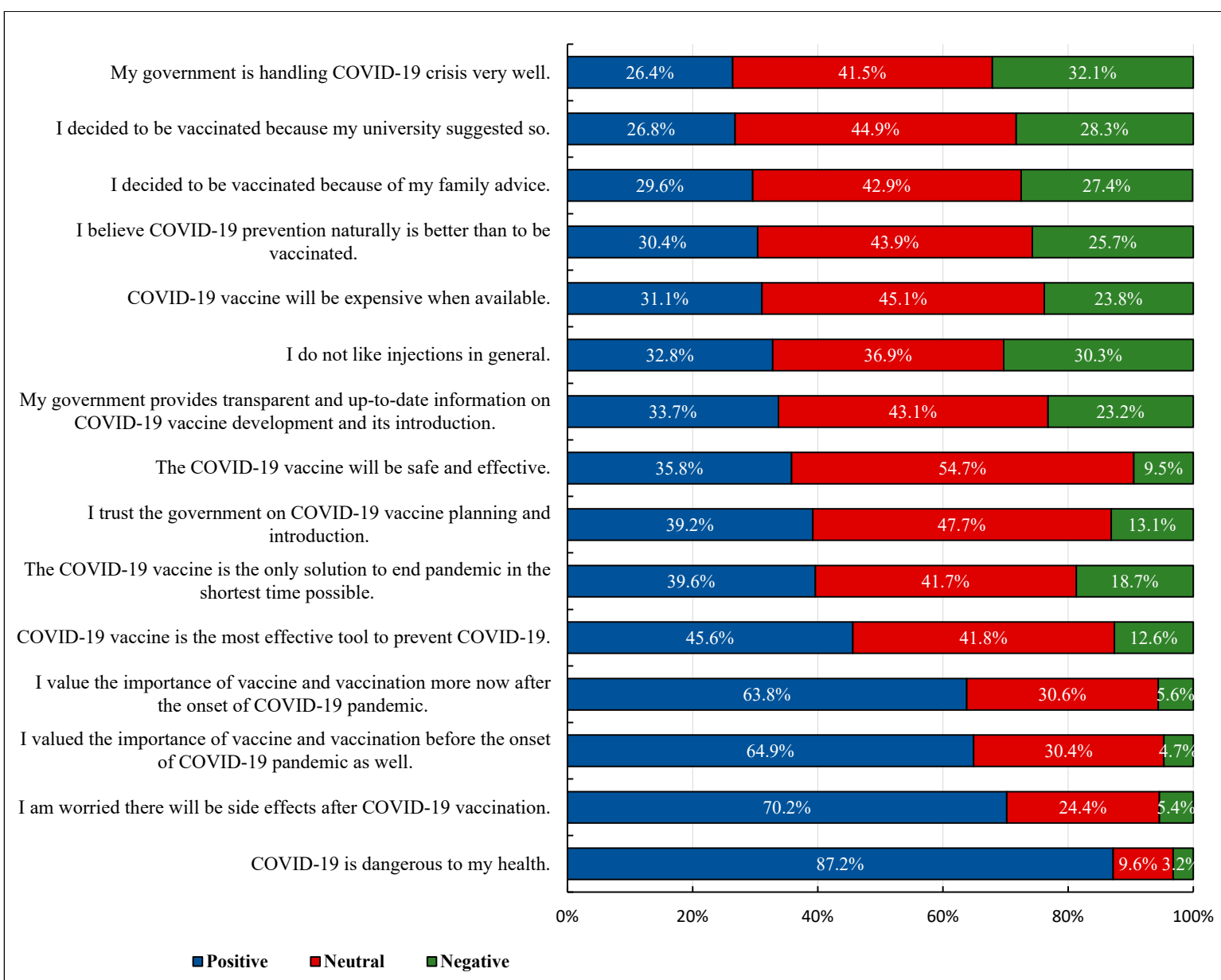


Figure S2: Bar graphs showing the level of agreement on COVID-19, COVID-19 vaccine and vaccination. Total number of responses: 3102

Table S1: Multivariate regression analysis of willingness to receive COVID-19 vaccine vs provinces and different factors influencing COVID-19 vaccine acceptance

Characteristics	Willingness to receive COVID-19 vaccine			
	Yes vs No and Not sure			
	p-value	aO.R.	95 C.I.	
Lower bound			Upper bound	
My government is handling the crisis very well.				
West Java	<0.001**	1.46	1.34	1.59
Aceh	<0.001**	0.85	0.79	0.92
West Nusa Tenggara	0.02*	1.09	1.01	1.18
Maluku	<0.001**	0.79	0.74	0.85
My government provides transparent and up-to-date information on COVID-19 vaccine development and its introduction.				
West Java	<0.001**	1.53	1.40	1.68
Aceh	0.001**	0.86	0.79	0.94
West Nusa Tenggara	0.01*	1.11	1.02	1.20
Maluku	<0.001**	0.75	0.69	0.81
I trust the government on COVID-19 vaccination planning and introduction.				
West Java	<0.001**	1.58	1.42	1.76
Aceh	0.04*	0.90	0.82	0.99
West Nusa Tenggara	-	-	-	-
Maluku	<0.001**	0.75	0.68	0.81
The COVID-19 vaccine will be safe and effective.				
West Java	<0.001**	1.36	1.20	1.54
Aceh	<0.001**	0.76	0.67	0.86
West Nusa Tenggara	-	-	-	-
Maluku	0.01*	0.14	0.03	0.67
Association with health sector				
West Java	<0.001**	1.96	1.71	2.24
Aceh	0.02*	0.86	0.76	0.98
West Nusa Tenggara	<0.001**	1.31	1.17	1.48
Maluku		Ref		

Do you think you are at risk of contracting COVID-19?					
West Java		<0.001**	2.01	1.70	2.37
Aceh		<0.001**	0.74	0.63	0.85
West Nusa Tenggara		0.001**	1.25	1.10	1.43
Maluku			Ref		
Islam Religion					
Aceh		<0.001**	0.56	0.46	0.67
West Nusa Tenggara		<0.001**	0.32	0.20	0.50

Note: aOR; Odds Ratio(adjusted); 95 C.I.: 95 Confidence Interval; Ref: Reference category; p-value significant at <0.05; p-value <0.05: *; p-value <0.005: **. The above multivariate regression analysis is shown only for positive responses (Agree + Strongly Agree or Yes) with negative response (Disagree + Strongly Disagree or No) as the reference category. For provinces, all other 3 provinces are taken as reference if not indicated in the above table as reference category (Ref).