

Table 4 Factors predicting vaccine uptake – reduced model

	Unadjusted (Crude)				Adjusted					
	B	SE B	Odds ratio	P-value	B	SE B	Odds ratio	95% CI for odds ratio		P-value
								Lower	Upper	
Gender										
Female	-0.691	0.089	0.501	<0.001	-0.609	0.096	0.544	0.451	0.656	<0.001
Age	0.339	0.039	1.403	<0.001	0.328	0.042	1.388	1.279	1.507	<0.001
Saudi nationals	0.369	0.213	1.446	0.084	0.678	0.227	1.969	1.263	3.069	0.003
Health worker										
No (Reference)				<0.001						0.003
Doctor	0.883	0.255	2.419	<0.001	0.782	0.272	2.185	1.281	3.726	0.004
Nurse	-0.052	0.263	0.950	0.844	0.264	0.279	1.302	0.754	2.248	0.344
Pharmacist	0.372	0.421	1.450	0.377	0.514	0.443	1.671	0.702	3.981	0.246
Others	0.700	0.246	2.014	0.004	0.657	0.254	1.929	1.172	3.176	0.01
Region										
Others				<0.001						0.003
Eastern	-0.32	0.108	0.726	0.003	-0.29	0.115	0.748	0.597	0.937	0.012
Najran	-0.7	0.278	0.497	0.012	-0.728	0.294	0.483	0.271	0.86	0.013
COVID-19 at home										
No				0.001						<0.001
Yes	-0.336	0.097	0.715	<0.001	-0.386	0.104	0.68	0.554	0.834	<0.001
I don't know	0.138	0.214	1.148	0.519	0.221	0.227	1.248	0.8	1.947	0.33
Injunctive social norms										
Everyone should take the vaccine to protect others	0.966	0.163	2.627	<0.001	0.585	0.197	1.794	1.219	2.642	0.003
Main vaccine benefit										
None				<0.001						<0.001
Resuming interactions	1.274	0.214	3.576	<0.001	1.323	0.257	3.753	2.268	6.211	<0.001
Protecting myself	1.279	0.205	3.595	<0.001	1.079	0.251	2.942	1.8	4.807	<0.001
Protecting others	1.025	0.229	2.787	<0.001	0.889	0.272	2.433	1.427	4.148	0.001
Something else	0.789	0.286	2.2	0.006	0.779	0.318	2.179	1.168	4.063	0.014
Preferred vaccine										
None				<0.001						<0.001
AstraZeneca	0.81	0.249	2.248	0.001	0.801	0.256	2.227	1.348	3.682	0.002
Pfizer	-0.698	0.095	0.498	<0.001	-0.618	0.101	0.539	0.443	0.657	<0.001
Constant					-0.789	0.27	0.454			0.004

n = 2378