

Main analyses

Loadings of reflective variables

Construct	Item	Loadings
<i>(AI)</i> 1 – Intention to vaccinate	(1)	0.979
	(2)	0.985
	(3)	0.984
<i>(AI)</i> 2 – Attitude (vaccination)	(1)	0.937
	(2)	0.966
	(3)	0.935
	(4)	0.949
	(5)	0.929
<i>(AI)</i> 3 – Fear (vaccination)	(1)	0.958
	(2)	0.975
	(3)	0.895
<i>(AI)</i> 4 – Perceived response efficacy	(1)	0.973
	(2)	0.969
	(3)	0.976
<i>(AI)</i> 5 – Perceived behavioral control	(1)	0.941
	(2)	0.946
<i>(AI)</i> 6 – Attitude (disease)	(1)	0.942
	(2)	0.948
	(3)	0.947
	(4)	0.946
<i>(AI)</i> 7 – Fear (disease)	(1)	0.950
	(2)	0.973
	(3)	0.918
<i>(AI)</i> 11 – Perceived norms	(1)	0.855
	(2)	0.930

	(3)	0.949
	(4)	0.897

Discriminant Validity (Fornell-Larcker Criterion), Cronbachs Alpha (CA), Composite Reliability (CR), and Average Variance Extracted (AVE) values of reflective variables

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	CA	CR	AVE
(1)	0.946								0.961	0.971	0.894
(2)	0.266	0.943							0.969	0.976	0.890
(3)	0.349	0.385	0.947						0.943	0.963	0.898
(4)	-0.192	-0.704	-0.135	0.943					0.938	0.960	0.890
(5)	0.301	0.858	0.367	-0.649	0.983				0.982	0.988	0.966
(6)	0.176	0.543	0.327	-0.370	0.513	0.908			0.931	0.950	0.825
(7)	0.130	0.199	0.047	-0.160	0.044	0.073	0.944		0.878	0.942	0.891
(8)	0.265	0.802	0.365	-0.698	0.744	0.508	0.222	0.973	0.971	0.981	0.946

(1) Attitude (disease), (2) Attitude (vaccination), (3) Fear (disease), (4) Fear (vaccination), (5) Intention, (6) Perceived norms, (7) Perceived behavioral control, (8) Perceived response efficacy

HTMT values

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(1)								
(2)	0.275							
(3)	0.361	0.402						

(4)	0.205	0.733	0.150					
(5)	0.309	0.879	0.380	0.673				
(6)	0.183	0.554	0.335	0.373	0.518			
(7)	0.141	0.216	0.051	0.177	0.048	0.081		
(8)	0.275	0.826	0.381	0.726	0.762	0.515	0.240	

(1) Attitude (disease), (2) Attitude (vaccination), (3) Fear (disease), (4) Fear (vaccination), (5) Intention, (6) Perceived norms, (7) Perceived behavioral control, (8) Perceived response efficacy

Loadings, Weights, and Variance Influence Factor (VIF) values of formative variables

Construct	Item	Loadings	Weights	VIF
(AI) 8 – Perceived vulnerability	(1)	0.760	0.376	1.399
	(2)	0.946	0.755	1.348
(AI) 9 – Perceived severity	(1)	0.774	0.158	2.709
	(2)	0.803	0.157	2.659
	(3)	0.856	0.410	2.156
	(4)	0.823	0.360	1.924
	(5)	0.771	-0.118	3.346
	(6)	0.764	0.256	1.873
(AI) 10 – Non-adaptive rewards	(1)	0.917	0.411	2.610
	(2)	0.967	0.644	2.610

PLS Predict

		LM RMSE	LM MAE	PLS RMSE	PLS MAE	PLS Q ² _predict
Intention (1)	UV	1.332	1.045	1.277	1.039	0.095
	TV	0.897	0.625	0.881	0.597	0.126
Intention (2)	UV	1.351	1.092	1.297	1.068	0.057
	TV	0.767	0.548	0.759	0.540	0.135
Intention (3)	UV	1.369	1.113	1.342	1.139	0.080
	TV	0.820	0.552	0.825	0.553	0.159

UV=unvaccinated, TV=twice-vaccinated

MICOM Unvaccinated vs. Twice-Vaccinated

	Step 2		Step 3a (mean)		Step 3b (variance)	
	Original Correlation (p- value) ^{sig.}	CI [5%]	Original Difference (p- value) ^{sig.}	CI [5%,95%]	Original Difference (Sig.)	CI [5%,95%]
Perceived Norms	.997(.048) ^{n-sig.}	[0.997]	-.845(.000) ^{n-sig.}	[-.225, .221]	.074(.321) ^{sig.}	[-.300, .262]
Non-adaptive rewards	.768(.003) ^{n-sig.}	[.875]	1.393(.000) ^{n-sig.}	[-.214, .227]	.035(.380) ^{sig.}	[-.224, .201]