

Corrigendum: Acceptance of protection technology in a time of fear: the case of Covid-19 exposure detection apps

It has come to the attention of the publisher that the article “Acceptance of protection technology in a time of fear: the case of Covid-19 exposure detection apps”, *Information Technology & People*, Vol. 35 No. 3, pp. 1116–1135, <https://doi.org/10.1108/ITP-10-2020-0719>, features errors in Tables 2, 3 and 5.

Table 2: One item originally listed under Perceived fear of COVID-19 (“My hands become clammy when I think about COVID-19”) was presented with a loading despite a footnote stating it had been deleted from the model. The corrected Table 2 removes this item entirely and updates the loadings accordingly.

Table 3: Updates have been made to the composite reliability (CR), average variance extracted (AVE) and inter-construct correlations to reflect the corrected measurement model.

Table 5: Table 5 has been updated to include the unstandardised estimates for consistency and clarity of presentation only.

The authors sincerely apologise for any inconvenience caused.

Table 2. Descriptive analysis and item loadings

Construct and source	Item	Loadings*
Intent to use	“I intend to use the AMAN app during the COVID-19 pandemic outbreak”	0.964
	“I will always try to use the AMAN app during the COVID-19 pandemic outbreak”	0.962
	“I plan to use the AMAN app during the COVID-19 pandemic outbreak”	0.926
Perceived fear of Covid-19	“My hands become clammy when I think about COVID-19”**	Deleted
	“I am afraid of losing my life because of COVID-19”	0.653
	“When watching news and stories about COVID-19 on social media, I become nervous or anxious”	0.626
	“I cannot sleep because I’m worried about getting COVID-19”	0.848
	“My heart races or palpitates when I think about getting COVID-19”	0.533
	“How worried are you personally about COVID-19?”	0.654
	“How likely do you think it is that you will be directly and personally affected by catching COVID-19 in the next 6 months?”	0.858
Perceived risk of Covid-19	“How likely do you think it is that your friends and family in Jordan will be directly affected by catching COVID-19 in the next 6 months?”	0.751
	“How much do you agree or disagree that the COVID-19 will affect very many people in the country I’m currently living in?”	0.847
	“How much do you agree or disagree that you will probably get sick with COVID-19?”	0.577
	“How much do you agree or disagree that getting sick with COVID-19 can be serious?”	0.709
	I feel that I need the AMAN app to protect myself during the Covid-19 pandemic outbreak	0.837

(continued)



Table 2. Continued

Construct and source	Item	Loadings*
Protection motivation	I feel that I need AMAN to protect others during the Covid-19 pandemic outbreak	0.778
	I believe that it is necessary to use the AMAN app to reduce the probability of COVID-19 infection	0.811
	Everyone can make a difference when it comes to reducing the risk of COVID-19	0.949
Self-efficacy	If I follow the government's recommendations to fight COVID-19, I can make a difference in helping to secure society from COVID-19	0.903
	It is worth everyone to making efforts to reduce the risk of COVID-19	0.936
	Using the AMAN app is useful to protect me from the Covid-19 pandemic	0.919
Response efficacy	Using the AMAN app increases my attention to the Covid-19 pandemic	0.931
	Using the AMAN app helps me reduce the time it takes to identify infected cases in contact with me	0.805
	The use of the AMAN app enhances the efficiency of epidemiological surveillance to isolate people in contact with infected cases during the COVID-19 pandemic	0.850

Note(s): *All loadings are significant at 0.000

**Deleted because it increases residual of the model

Table 3. Reliability, convergent validity and discriminant validity

Construct	Alpha	CR	AVE	1	2	3	4	5	6
Perceived fear of Covid-19 (1)	0.817	0.764	0.455	0.675					
Perceived risk of Covid-19 (2)	0.880	0.877	0.547	0.633	0.739				
Self-efficacy (3)	0.934	0.950	0.864	0.459	0.429	0.930			
Protection motivation (4)	0.845	0.850	0.654	0.568	0.424	0.664	0.809		
Intent to use (5)	0.965	0.966	0.904	0.396	0.424	0.769	0.603	0.951	
Response Efficacy (6)	0.929	0.931	0.771	0.362	0.380	0.791	0.683	0.786	0.878

Table 5. The maximum likelihood estimation

Effect	Unstandardised estimate	Standardised estimate (β)	SE	t-value	p-value
Perceived risk of Covid-19 → Perceived fear of Covid-19	0.706	0.653	0.092	7.684	0.000
Perceived fear of Covid-19 → Protection motivation	0.150	0.162	0.053	2.810	0.005
Self-efficacy → Protection motivation	0.226	0.400	0.039	5.808	0.000
Perceived risk of Covid-19 → Protection motivation	0.033	0.033	0.057	0.586	0.558
Response efficacy → Protection motivation	0.341	0.551	0.045	7.571	0.000
Protection motivation → Intent to use	1.429	0.830	0.123	11.643	0.000