

## Variable operationalization of the dimensions and constructs

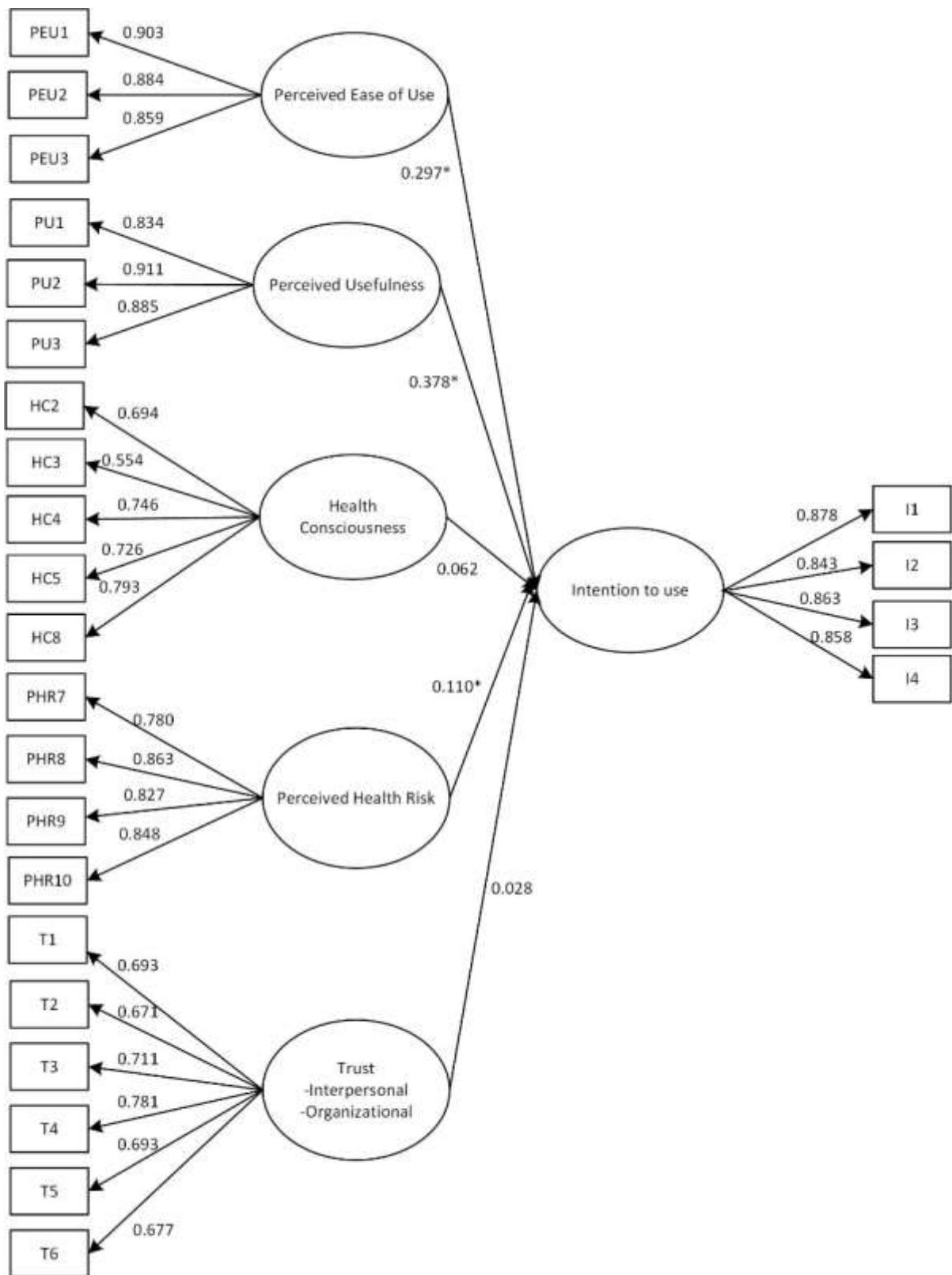
Construct	Dimension	Definition	Items/questions	Code	Literature
Health Consciousness		The extent to which health concerns are integrated into a person's daily activities	I have the impression that I sacrifice greatly for my health.	HC1	Ahadzadeh et al. (2014), Chen et al. (2011)
			I consider myself very health conscious.	HC2	
			I think that I take health into account greatly in my life.	HC3	
			I think it is important to know how to stay healthy.	HC4	
			My health is so valuable to me that I am prepared to sacrifice for it.	HC5	
			I have the impression that other people pay more attention to their health than I do.	HC6	
			I do not continually ask myself whether something is good for me.	HC7	
			I often dwell on my health.	HC8	
Perceived Health Risk	<i>Perceived susceptibility to disease</i>	Belief about the possibility of contracting a disease	I have a higher likelihood of getting chronic diseases.	PHR1	Ahadzadeh et al. (2014), Kim & Park (2012)
			There is a high possibility that I will be exposed to a chronic disease.	PHR2	
			I would say that I am the type of person who is likely to get a chronic disease.	PHR3	
			There is a person with chronic disease among my family members.	PHR4	
			I have a strong possibility of attack or worsening of chronic disease due to improper daily habits (drinking, smoking, dietary habit, lack of exercise, etc).	PHR5	
			It is most likely that I will contract chronic diseases in my lifetime.	PHR6	
	<i>Perceived severity of disease</i>	Feelings about the seriousness of an illness and its consequences	I am afraid of facing an attack or worsening of a chronic disease.	PHR7	
			If I face an attack or worsening of a chronic disease, I will have difficulty with my work life (or domestic affairs).	PHR8	
			If I face an attack or worsening of a chronic disease, it will hinder my personal relationships.	PHR9	
			If I face an attack or worsening of chronic disease, I will be long haunted by the resultant problems.	PHR10	

Construct	Dimension	Definition	Items/questions	Code	Literature
Perceived Ease of Use		Belief about little effort when using the technology	My interaction with the m-health application for health information was clear and understandable.	PEU1	Ahadzadeh et al. (2014), Davis (1989)
			I find the m-health application for health information to be flexible to interact with.	PEU2	
			It is easy for me to become skillful at using the m-health application for health information.	PEU3	
Perceived Usefulness		Belief about benefits when using the technology	Using the m-health application is useful in managing my daily health.	PU1	Ahadzadeh et al. (2014), Davis (1989)
			Using the m-health application for health information is advantageous in better managing my health.	PU2	
			Using the m-health application for health information is beneficial to me.	PU3	
Trust	<i>Interpersonal trust</i>	Confidence in another person and a willingness to trust each other.	I completely trust the doctor's opinions in the m-health application about which treatments are best for me.	T1	Zheng et al. (2017)
			I have no worries about putting my life in the hands of the doctor from the m-health application.	T2	
			All in all, I have complete trust in the doctor from the m-health application.	T3	
	<i>Organizational trust</i>	A user's views regarding the functioning and capability of a particular organization or institution	I often hear positive news about the m-health application on the Internet.	T4	
			I often hear positive news about the m-health application on TV.	T5	
			I heard that the m-health application is recognized by the National Institutes of Health.	T6	
Intention to use		Belief about the consequences of technology use and the inclination to use or not to use a technology	Using the m-health application for health information and health management is a good idea.	AT1	Ahadzadeh et al. (2014), Wong et al. (2012)
			Using the m-health application for health information and health management is a wise idea.	AT2	
			I like the idea of using the m-health application for health information and health management.	AT3	
			Using the m-health application for health information and health management is a pleasant experience.	AT4	

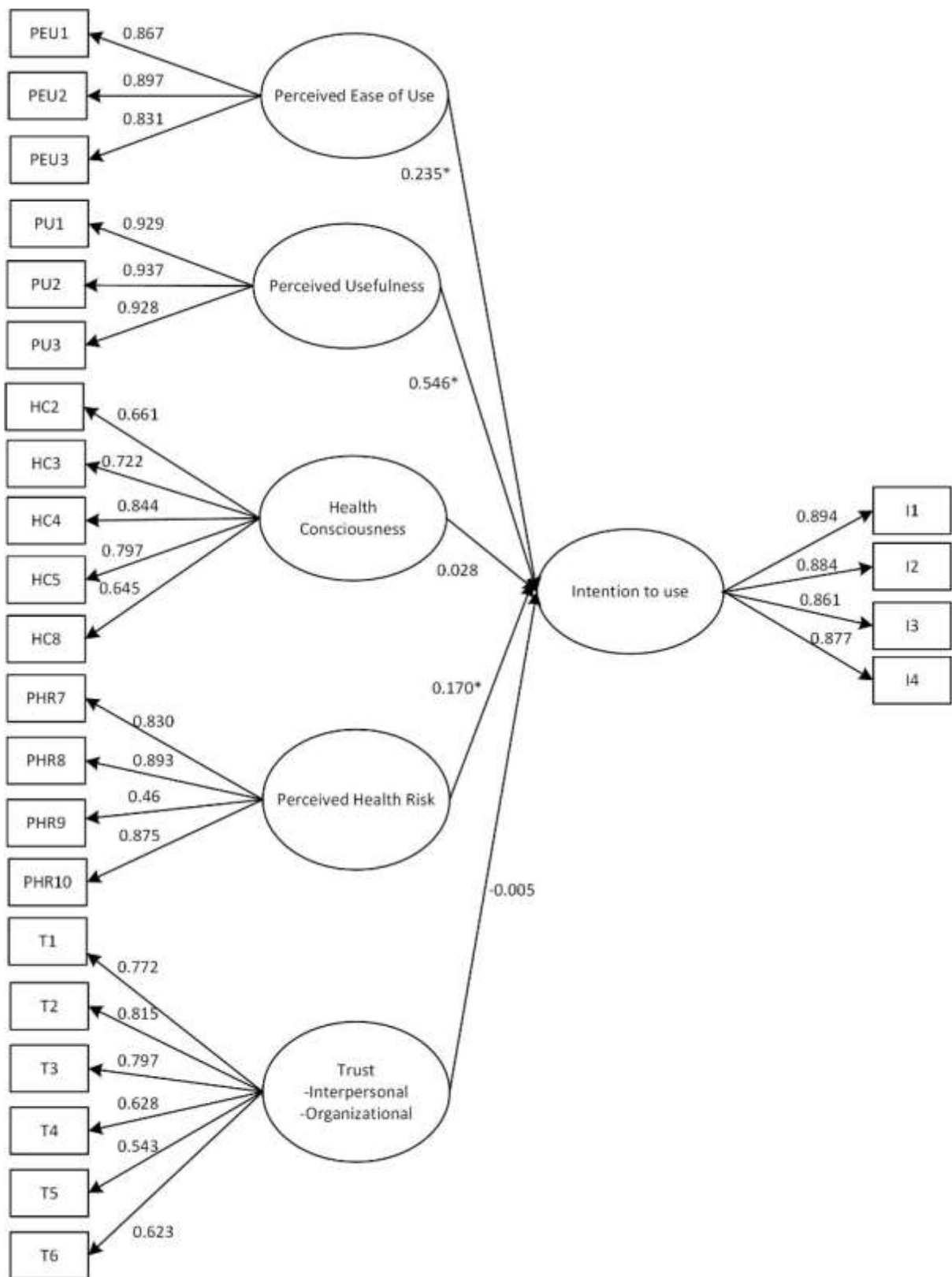
### The median value of each construct

Construct (s)	Median	
	User	Non User
Trust	3	3
Health Consciousness	4	4
Perceived Health Risk	3	3
Perceived Ease of Use	4	3
Perceived Usefulness	4	3
Intention to Use	4	4

**The results of PLS-SEM**



The model of intent to use m-health for users \*significant with  $\alpha = 0.05$



The model of intent to use m-health for non-users \*significant with  $\alpha = 0.05$