SUPPLEMENTARY DATA

Table SD-1. Spearman correlations for psychological determinants and contextual factors

Variable	TA	VUL	SEV	SAF	TAS	ACC	TIME	COST	ABI	DES	INJU	DIST	FAM	TRI	TRW	OWN	SEC
1. TA	—																
2. VUL	**0.22**	—															
3. SEV	**0.24**	**0.25**	—														
4. SAF	**0.64**	**0.31**	**0.13**	—													
5. TAS	**0.60**	**0.26**	**0.20**	**0.73**	—												
6. ACC	**0.75**	**0.25**	**0.26**	**0.71**	**0.75**	—											
7. TIME	**0.66**	**0.28**	**0.26**	**0.68**	**0.73**	**0.80**	—										
8. COST	**0.71**	**0.31**	**0.14**	**0.73**	**0.73**	**0.81**	**0.78**	—									
9. ABI	**0.69**	**0.26**	**0.19**	**0.71**	**0.73**	**0.80**	**0.77**	**0.78**	—								
10. DES	**0.43**	**0.27**	**0.24**	**0.38**	**0.29**	**0.39**	**0.31**	**0.33**	**0.31**	—							
11. INJU	**0.66**	**0.26**	**0.14**	**0.74**	**0.76**	**0.77**	**0.78**	**0.77**	**0.78**	**0.27**	—						
12. DIST	**-0.19**	-0.08	0.01	**-0.23**	**-0.15**	**-0.14**	**-0.13**	**-0.16**	**-0.12**	**-0.32**	**-0.14**	—					
13. FAM	**0.35**	**-0.16**	0.08	**0.33**	**0.30**	**0.39**	**0.36**	**0.31**	**0.33**	**0.14**	**0.36**	**-0.17**	—				
14. TRI	**0.65**	**0.32**	**0.17**	**0.71**	**0.69**	**0.68**	**0.73**	**0.71**	**0.74**	**0.34**	**0.78**	**-0.19**	**0.24**	—			
15. TRW	**0.69**	**0.29**	**0.23**	**0.73**	**0.74**	**0.79**	**0.79**	**0.78**	**0.82**	**0.31**	**0.83**	**-0.15**	**0.30**	**0.79**	—		
16. OWN	**0.72**	**0.33**	**0.24**	**0.72**	**0.74**	**0.84**	**0.84**	**0.82**	**0.84**	**0.37**	**0.80**	-0.11	**0.35**	**0.73**	**0.84**	—	
17. SEC	**-0.11**	0.03	**-0.12**	**-0.12**	**-0.13**	**-0.19**	**-0.16**	**-0.16**	**-0.19**	0.08	**-0.17**	-0.08	**-0.19**	**-0.15**	**-0.16**	**-0.18**	—

Notes: [a] TA = Technology Adoption; VUL = vulnerability; SEV = severity; SAF = safety; TAS = taste; ACC = access; TIME = time saved; COST = cost effectiveness; ABI = ability; DES = descriptive norms; INJ = injunctive norms; DIST = distance from the technology; FAM = family members' assistance; TRI = trust in implementing agency; TRW = trust in water committee; OWN = psychological ownership; SEC = Socio-economic characteristic ; Boldface significant with p < .001

Table SD-2. Cultural Factors

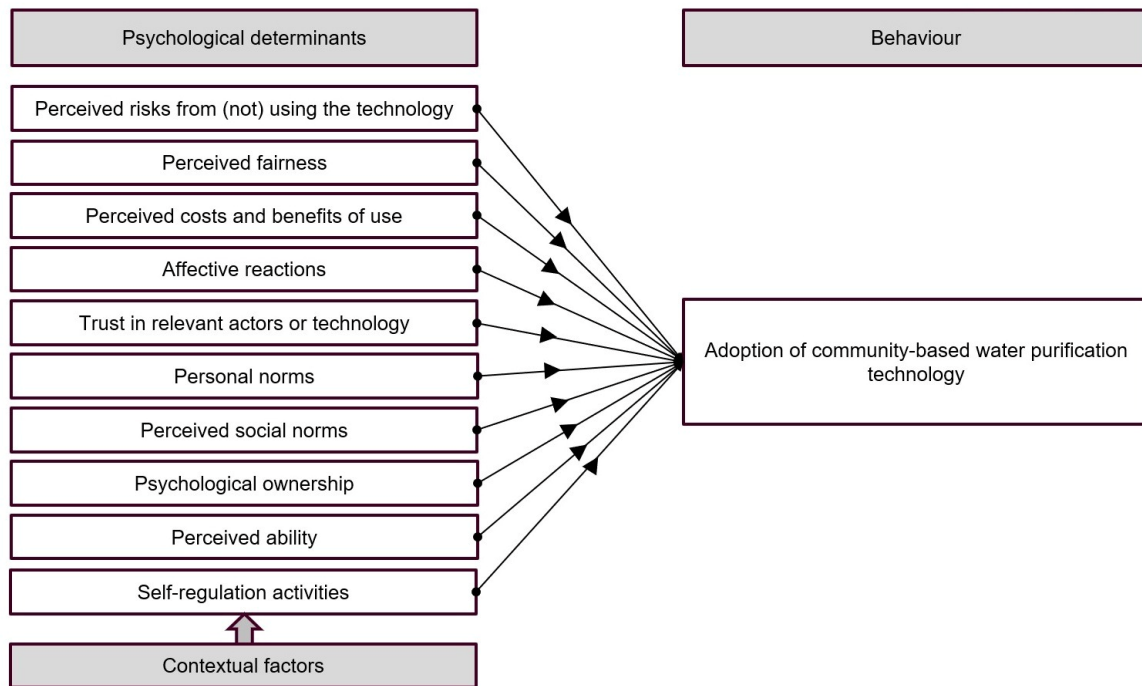| Cultural Factors	Question	Framework	Source
Generalized Trust	Do you trust your neighbours and community?	WVS	(Tabellini, 2010)
Political Trust	How much trust you have in: Local Government - Panchayat, in general	WVS	(Fitzgerald & Wolak, 2016)
Political Trust	How much trust you have in: Political parties in general	WVS	(Saarinen et al., 2020)
Generalised Morality	Are tolerance and respect for other people, qualities that children should be encouraged to learn at home	WVS	(Alesina et al., 2013)
Work-Luck	In the long run, hard work usually brings a better life	WVS	(Tabellini, 2010)
Control	Some people feel they have completely free choice and control over their lives	WVS	(Tabellini, 2010)
Individualism-Collectivism	Which do you believe in more: conforming to community values or being personally responsible for your own success and achievements	Hofstede's Cultural	(Alesina et al., 2013)
Power Distance	How comfortable are you with deferring to greater authority, hierarchical or social	Hofstede's Cultural	(Yang, 2020)
Family Ties	One of my main goals in life has been to make my parents proud	WVS	(Man & Li, 2010)

Fig.1. Theory of Change; Contzen et al. (2023)