Supplemental material

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APPENDIX

Table 1a. Association between gender-related variables and adoption of hand washing, by sex

| | Hand washing | | | | | | | |
| | Female | | | | Male | | | |
	Bivariate OR (95% CI)	p-value	Multivariate aOR (95% CI)	p-value	Bivariate OR (95% CI)	p-value	Multivariate aOR (95% CI)	p-value
Sociodemographic characteristics								
Age distribution								
• Up to 25 (ref)	-		-		-		-	
• 26-50	2.91 (2.37-3.58)	<0.001	4.44 (1.68-11.76)	<0.01	2.45 (1.91-3.14)	<0.001	1.89 (0.63-5.68)	0.25
• 51 and older	7.71 (5.57-10.66)	<0.001	13.39 (2.87-62.6)	<0.01	4.56 (3.36-6.18)	<0.001	2.25 (0.81-6.27)	0.11
Education level								
• Low level (ref)	-		-		-		-	
• High level	1.63 (1.29-2.07)	<0.001	0.78 (0.32-1.91)	0.58	1.47 (1.12-1.92)	<0.01	0.37 (0.14-1.01)	0.05
Work status								
• Unemployed (ref)	-		-		-		-	
• Employed	2.41 (1.35-4.28)	<0.01	1.19 (0.50-2.83)	0.69	1.38 (0.80-2.40)	0.24	1.91 (0.89-4.13)	0.09
Annual household income								
• Bottom third (ref)	-		-		-		-	
• Middle third	1.50 (1.12-2.01)	<0.01	1.92 (0.83-4.43)	0.12	1.42 (1.00-2.01)	<0.05	1.07 (0.41-2.81)	0.88
• Top third	1.96 (1.36-2.81)	<0.001	3.20 (0.84-12.15)	0.08	1.67 (1.15-2.43)	<0.01	2.54 (0.77-8.41)	0.12
Adults ≥18 years living in the household								
• ≤ 2 (ref)	-		-		-		-	
• > 2	0.52 0.41-0.66)	<0.001	1.04 (0.44-2.43)	0.93	0.73 (0.56-0.95)	0.02	0.46 (0.21-1.03)	0.06
Children ≤18 years living in the household								
• ≤ 2 (ref)	-				-			
• > 2	0.69 (0.44-1.08)	0.12			0.84 (0.52-1.37)	0.48		
Gender Inequality Index								
• High GII (ref)	-		-		-		-	
• Low/Medium GII	2.29 (1.88-2.78)	<0.001	2.11 (0.95-4.71)	0.07	1.37 (1.09-1.72)	<0.01	0.57 (0.25-1.32)	0.18
Geographic Regions								
• Europe	1.91 (1.49-2.43)	<0.001			1.28 (0.98-1.67)	0.06		
• North America	2.93 (2.31-3.72)	<0.001			1.87 (1.42-2.46)	<0.001		
• Others (ref)	-				-			
Psychosocial characteristics								
Depressive disorder	0.73 (0.52-1.02)	0.07	0.74 (0.20-2.71)	0.65	0.63 (0.42-0.95)	<0.05	0.72 (0.18-2.98)	0.66
Anxiety disorder	0.90 (0.68-1.18)	0.45	0.98 (0.32-2.96)	0.97	0.71 (34.3-44-4)	0.05	2.51 (0.47-13.38)	0.28

Note: In the multivariable model, geographic regions variable dropped due to collinearity with GII. Number of children in household variables dropped due to collinearity with number of adults in the household variable.

Table 1b. Association between gender-related variables and adoption of physical distancing, by sex

	Physical distancing							
	Female				Male			
	Bivariate OR (95% CI)	p-value	Multivariate aOR (95% CI)	p-value	Bivariate OR (95% CI)	p-value	Multivariate aOR (95% CI)	p-value
Sociodemographic characteristics								
Age distribution								
• Up to 25 (ref)	-		-		-		-	
• 26-50	1.10 (1.03-1.18)	<0.01	2.01 (1.54-2.63)	<0.001	1.11 (0.99-1.25)	0.05	2.53 (1.53-4.21)	<0.001
• 51 and older	1.60 (1.47-1.73)	<0.001	3.57 (2.72-4.68)	<0.001	1.41 (1.24-1.58)	<0.001	3.99 (2.47-6.46)	<0.001
Education level								
• Low level (ref)	-		-		-		-	
• High level	1.19 (1.11-1.27)	<0.001	1.39 (1.13-1.74)	<0.01	1.21 (1.09-1.34)	<0.001	0.87 (0.61-1.25)	0.45
Work status								
• Unemployed (ref)	-		-		-		-	
• Employed	0.55 (0.48-0.62)	<0.001	0.39 (0.32-0.49)	<0.001	0.48 (0.38-0.59)	<0.001	0.38 (0.27-0.52)	<0.001
Annual household income								
• Bottom third (ref)	-		-		-		-	
• Middle third	1.26 (0.99-1.60)	0.05	1.26 (0.99-1.59)	0.06	1.24 (0.89-1.73)	0.19	1.54 (1.01-2.32)	<0.05
• Top third	1.90 (1.41-2.56)	<0.001	1.53 (1.17-2.01)	<0.01	1.71 (1.19-2.45)	<0.01	2.13 (1.36-3.35)	<0.01
Adults ≥18 years living in the household								
• ≤ 2 (ref)	-		-		-		-	
• > 2	0.65 (0.60-0.69)	<0.001	0.89 (0.72-1.09)	0.27	0.61 (0.55-0.67)	<0.001	0.66 (0.47-0.92)	<0.05
Children ≤18 years living in the household								
• ≤ 2 (ref)	-				-			
• > 2	0.79 (0.69-0.92)	<0.01			0.94 (0.78-1.15)	0.56		
Gender Inequality Index								
• High GII (ref)	-		-		-		-	
• Low/Medium GII	0.99 (0.94-1.06)	0.95	0.72 (0.58-0.88)	<0.01	1.23 (1.13-1.34)	<0.001	0.87 (0.64-1.19)	0.39
Geographic Regions								
• Europe	1.16 (1.09-1.24)	<0.001			1.29 (1.17-1.43)	<0.001		
• North America	2.26 (2.12-2.41)	<0.001			2.26 (2.04-2.49)	<0.001		
• Others (ref)	-				-			
Psychosocial characteristics								
Depressive disorder	1.16 (1.05-1.29)	<0.01	1.07 (0.78-1.48)	0.66	1.00 (0.84-1.19)	0.96	0.86 (0.49-1.50)	0.60
Anxiety disorder	1.21 (1.12-1.31)	<0.001	1.03 (0.79-1.32)	0.84	1.00 (0.95-1.27)	0.19	1.40 (0.85-2.31)	0.18

Note: In the multivariable model, geographic regions variable dropped due to collinearity with GII. Number of children in household variables dropped due to collinearity with number of adults in the household variable.