

Table 3 Factors associated with adequacy of knowledge regarding COVID 19 among adult population

Factors	Signs and Symptoms		Mode of transmission		Knowledge		Preventive measure		Treatment	
	n (%)	AOR (95% CI)	n (%)	AOR (95% CI)	High risk		n (%)	AOR (95% CI)	n (%)	AOR (95% CI)
					n (%)	AOR (95% CI)				
Strata										
Urban population (US)	160 (43.8)	4.1 (1.8,9.5)***	142 (38.9)	1.5 (0.7,3.0)	181 (49.6)	7.6 (3.2,18.0)***	325 (89.0)	2.7 (1.2,5.9)*	150 (41.1)	2.5 (1.1,5.3)*
Web-based population (WBS)	110 (27.3)	2.3 (0.9,5.9)	279 (69.2)	3.4 (1.5,7.7)**	123 (30.5)	3.6 (1.4,9.3)**	361 (89.6)	2.6 (0.9,7.4)	182 (45.2)	2.4 (1.0,5.8)*
Rural population (RS)	11 (8.0)	1	20 (14.6)	1	9 (6.6)	1	107 (78.1)	1	12 (8.8)	1
Sex										
Male	165 (37.4)	1	199 (45.1)	1	186 (42.2)	1	385 (87.3)	1	179 (40.6)	1
Female	116 (25.2)	0.83 (0.5,1.3)	241 (52.3)	1.1 (0.8,1.7)	124 (26.9)	0.6 (0.4,0.9)**	405 (87.9)	0.9 (0.5,1.7)	165 (35.8)	1.3 (0.9,1.9)
Age (years)										
18–30	118 (26.5)	1	245 (55.1)	1	147 (33.0)	1	386 (86.7)	1	173 (38.9)	1
> 30	163 (35.4)	1.1 (0.7,1.5)	196 (42.6)	0.9 (0.6,1.3)	166 (36.1)	0.9 (0.6,1.3)	407 (88.5)	1.2 (0.8,2.0)	171 (37.2)	1.0 (0.7,1.4)
Education										
No literacy	15 (11.0)	1	14 (10.2)	1	16 (11.7)	1	112 (81.8)	1	8 (5.8)	1
Undergraduate or below	134 (37.0)	2.2 (1.0,4.6)*	149 (41.2)	3.8 (1.8,8.2)**	157 (43.4)	1.7 (0.8,3.6)	316 (87.3)	0.8 (0.3,1.8)	145 (40.1)	5.1 (2.2,12.1)***
Graduate or above	132 (32.5)	3.5 (1.5,8.0)**	278 (68.5)	9.0 (4.1,19.9)***	140 (34.5)	1.5 (0.7,3.2)	365 (89.9)	1 (0.4,2.5)	191 (47.0)	5.6 (2.3,13.7)***
Employment status										
Employed	120 (29.2)	0.6 (0.4,1.1)	232 (56.4)	1.81 (1.1,3.1)*	134 (32.6)	0.7 (0.4,1.2)	357 (86.9)	0.7 (0.3,1.5)	196 (47.7)	3.4 (1.9,5.9)***
Student	36 (21.4)	0.5 (0.3,1.0)	107 (63.7)	1.6 (0.9,2.9)	55 (32.7)	0.8 (0.4,1.4)	149 (88.7)	0.8 (0.3,2.0)	63 (37.5)	1.6 (0.9,2.9)
Unemployed/retired	81 (55.1)	1.6 (0.9,3.0)	51 (34.7)	0.9 (0.5,1.7)	84 (57.1)	1.5 (0.8,2.7)	132 (89.8)	0.8 (0.3,2.2)	56 (38.1)	2.2 (1.2, 4.2)*
Housewife	44 (24.6)	1	51 (28.5)	1	40 (22.3)	1	155 (86.6)	1	29 (16.2)	1
Source of information										
Others	241 (32.1)	1	340 (45.3)	1	268 (35.7)	1	653 (87.1)	1	280 (37.3)	1
Only social media	40 (25.8)	0.8 (0.5,1.3)	101 (65.2)	1.1 (0.7,1.7)	45 (29.0)	0.8 (0.5,1.2)	140 (90.2)	1.2 (0.6,2.2)	64 (41.3)	1.0 (0.6,1.4)

*** <0.001 ** <0.01 * <0.05