

Table 2 Comparison of PTSD scores with demographics of study participants

Variables	PTSD total score	Avoidance	Intrusion	Hyperarousal
Overall score	31.2 (16.4)	12.4 (6.7)	11.0 (6.8)	7.9 (5.4)
Gender				
Female	32.23 (16.7)	12.48 (6.8)	11.42 (6.9)	8.33 (5.4)
Male	28.42 (15.1)	12.13 (6.5)	9.80 (6.1)	6.49 (5.1)
F (P value)	2.028 (0.014)	0.30 (0.600)	1.691 (0.010)	0.629 (<0.001)
Effect size ^a	0.233	0.052	0.240	0.350
Age, years				
18–22	31.79 (16.2)	12.56 (6.6)	11.13 (6.7)	8.1 (5.4)
23–26	29.82 (17.6)	11.96 (7.1)	10.62 (7.3)	7.23 (5.4)
>26	29.11 (10.3)	11.39 (5.0)	10.94 (3.6)	6.78 (4.1)
F (P value)	0.408 (0.40)	0.540 (0.50)	0.754 (0.70)	0.183 (0.20)
Effect size ^b	0.003	0.002	0.001	0.006
College				
Health	31.19 (16.8)	12.07 (6.8)	11.19 (6.9)	7.93 (5.5)
Non-health	31.46 (15.6)	13.13 (6.4)	10.6 (6.5)	7.73 (5.3)
F (P value)	0.981 (0.80)	1.801 (0.080)	1.110 (0.30)	0.070 (0.20)
Effect size ^a	0.017	0.160	0.090	0.040
Education level				
Bachelor	31.43 (16.6)	12.44 (6.7)	11.07 (6.8)	7.91 (5.5)
Diploma	37.8 (12.9)	17.2 (5.7)	12.4 (3.0)	8.2 (4.9)
Master	24.16 (12.7)	9.2 (6.3)	8.58 (4.5)	6.37 (4.2)
PhD	33.6 (6.0)	14.8 (6.0)	11.4 (6.0)	7.4 (3.6)
F (P value)	1.510 (0.210)	2.524 (0.060)	0.913 (0.40)	0.522 (0.70)
Effect size ^b	0.008	0.013	0.005	0.003
Academic year				
1	28.25 (15)	11.73 (6.3)	9.48 (6.6)	7.03 (5.2)
2	33.05 (16.5)	13.21 (6.9)	11.5 (6.7)	8.34 (5.4)
3	33.44 (15.7)	12.84 (6.2)	12.02 (6.4)	8.57 (5.3)
4	31.23 (17.9)	12.14 (7.5)	11.3 (7.2)	7.8 (5.7)
5	26.83 (15.9)	10.73 (6.2)	9.58 (6.7)	6.53 (5.3)
6	18.0 (22.6)	7.0 (9.9)	6.5 (9.2)	4.5 (3.5)
F (P value)	2.629 (0.023)	1.638 (0.150)	2.752 (0.018)	2.015 (0.075)
Tukey's post hoc analysis	–		1st year vs 3rd year = 0.004	
Effect size ^b	0.150	0.120	0.150	0.130
Residence				
Khartoum	29.29 (16.4)	11.65 (6.6)	10.3 (6.7)	7.34 (5.2)
Omdurman	33.65 (16.1)	13.42 (6.7)	11.82 (6.7)	8.41 (5.4)
Bahri	33.72 (16.3)	13.01 (6.7)	11.98 (7.0)	8.73 (5.9)
F (P value)	5.346 (0.005)	4.590 (0.011)	4.010 (0.019)	3.630 (0.027)
Tukey's post hoc analysis	Khartoum vs Bahri = 0.004	Khartoum vs Omdurman = 0.004	Khartoum vs Bahri = 0.006	
Effect size ^b	0.130	0.120	0.120	0.110
Was infected with COVID-19 during pandemic				
No	30.57 (16.4)	12.28 (6.8)	10.74 (6.8)	7.55 (5.3)
Yes	33.41 (16.4)	12.74 (6.5)	11.84 (6.6)	8.83 (5.6)
F (P value)	0.121 (0.070)	0.602 (0.500)	1.109 (0.090)	0.141 (0.013)
Effect Size ^a	0.170	0.100	0.160	0.240
Family or friends was infected with COVID-19 during pandemic				
No	27.21 (16.3)	11.31 (6.8)	9.26 (7)	6.64 (5.3)
Yes	32.26 (16.3)	12.66 (6.7)	11.44 (6.6)	8.17 (5.4)
F (P value)	0.186 (0.003)	0.003 (0.051)	1.098 (0.002)	0.064 (0.006)
Effect size ^a	0.310	0.202	0.325	0.284

^aHedge's G; ^b η^2