

Table 2 Relationship of sociodemographic characteristics and all domains of QOL (WHOQOL-BREF transformed scores 4–20)

Variable	Physical domain	Psychological domain	Social domain	Environmental domain
	Median (IQR)	Median (IQR)	Median (IQR)	Median (IQR)
Age (years)				
< 40	12.0 (10.9–14.9)	12.0 (10.8–14.8)	12.0 (10.7–14.7)	12.5 (10.0–14.0)
≥ 40	12.0 (11.7–13.7)	12.0 (11.3–13.3)	12.0 (10.7–13.3)	11.0 (10.0–11.5)
z	0.372	0.035	0.8	3.40
P	0.708	0.972	0.424	0.001*
Gender				
Female	11.7 (10.3–12.6)	12.0 (10.7–14.7)	12.0 (10.7–14.7)	11.8 (10.0–14.0)
Male	13.7(12.0–14.6)	12.0 (11.3–13.7)	12.0 (9.33–13.3)	12.0 (10.8–12.8)
z	3.93	0.116	1.08	0.023
P	< 0.001*	0.908	0.279	0.981
Employment status				
Employed	12.6 (12.0–13.7)	12.0 (11.3–14.0)	13.3 (10.7–14.7)	12.0(10.0–13.5)
Unemployed	11.4 (10.3–13.1)	11.3 (09.3–12.7)	10.7 (10.7–13.3)	9.00 (11.0–14.0)
z	2.71	1.8	1.81	1.31
P	0.007*	0.071	0.070	0.188
Income				
Sufficient	12.0 (11.4–14.3)	12.0 (10.7–14.7)	12.7 (10.7–14.7)	12.5 (10.5–13.5)
Insufficient	10.9 (10.3–12.0)	11.3 (10.0–12.7)	10.7 (10.7–12.0)	10.0 (8.50–11.5)
z	2.32	1.69	1.71	3.36
P	0.021*	0.091	0.086	0.001*
Residence				
Rural	13.1 (12.0–15.4)	12.7 (12.7–14.7)	13.3 (10.7–17.3)	11.0 (11.0–14.0)
Urban	12.0 (10.7–13.7)	11.3 (10.7–13.5)	12.0 (10.7–13.3)	12.0 (10.0–13.5)
z	1.93	2.65	1.78	0.207
P	0.054	0.008*	0.075	0.836
Marital status				
Married	12.0 (10.7–13.7)	12.0 (10.7–14.0)	12.0 (10.7–13.7)	12.0 (10.0–13.5)
Divorced	10.9 (10.9–10.9)	11.3 (11.3–11.3)	10.7 (10.7–10.7)	8.0 (8.0–8.0)
z	1.50	0.704	1.30	2.67
P	0.125	0.503	0.211	0.002*
Educational status				
Illiterate/read and write ¹	12.6 (9.1–13.7) ^{1<2**}	9.33 (4.0–11.3) ^{1<2,3**}	10.7 (4.0– 12.0) ^{1<2,3**}	9.0 (8.0–9.0) ^{1<2,3**}
Primary/preparatory education ²	17.7(12.1– 17.7) ^{2>1,3**}	16.7(12.7– 16.7) ^{2>1,3**}	13.3(12.0– 18.3) ^{2>1,3**}	14.0(11.0–15.5) ^{2>1,3**}
Secondary and high education ³	12.0 (10.9–13.7) ^{3<2**}	12.0 (10.7 – 14.0) ^{3<2**}	12.0 (10.7 – 14.7) ^{3<2**}	12.0 (10.0–13.5) ^{3<2**}
H	15.9	22.7	10.0	19.0
P	0.001*	< 0.001*	0.007*	< 0.001*

*Statistically significant difference ($P < 0.05$); **Statistically significant difference for multiple comparison ($P < 0.017$).

z = 2-sample Wilcoxon rank-sum test (Mann-Whitney test).

H = Kruskal-Wallis test.

^{1,2,3}Post hoc analysis using Mann-Whitney tests.

IQR = interquartile range; QOL = quality of life; WHOQOL-BREF = World Health Organization Quality of Life-Brief.