

Table 2 Factors associated with adherence to ART drugs among study participants

Variables	Frequency n = 375	Adherent n = 70	Nonadherent n = 305	Univariate analysis		Multiple logistic regression	
				COR (95% CI)	P	AOR (95% CI)	P
Age (yr)							
> 40	71 (18.9%)	19 (27.1%)	52 (17%)	1.813 (0.989–3.321)	0.054	1.606 (0.849–3.037)	0.967
< 40	304 (81.1%)	51(72.9%)	253 (83%)	Ref			
Marital status							
Single	175 (46.6%)	23 (32.9%)	152 (49.8%)	2.030 (1.175–3.508)	0.010	1.862 (0.829–4.181)	0.145
Married	200 (53.4%)	47 (67.1%)	153 (50.2%)	Ref			
Educational attainment (yr)							
< 5	292 (77.9%)	53 (75.7%)	239 (78.3%)	1.162 (0.631–2.139)	0.631	—	
> 5	83 (22.1%)	17 (24.3%)	66 (17.7%)	Ref			
Total monthly income in Pakistani rupees							
<5000	287 (76.5%)	51 (72.9%)	236 (77.4%)	1.274 (0.706–2.301)	0.421	—	
> 5000	88 (23.5%)	19 (27.1%)	69 (22.6%)	Ref			
Have children							
Yes	182 (48.5%)	29 (41.4%)	164 (53.8%)	1.644 (0.972–2.783)	0.064	1.862 (0.829–4.18)	0.132
No	193 (51.4%)	41 (58.6%)	141 (46.2%)	Ref			
Family supports treatment							
Yes	37 (9.8%)	11 (15.7%)	26 (8.5%)	2.001 (0.937–4.273)	0.069	1.486 (0.633–3.487)	0.363
No	338 (90.2%)	59 (84.3%)	279 (91.5%)	Ref			
Had intercourse with HIV-positive man during last month							
Yes	16 (4.3%)	49 (5.7%)	12 (3.9%)	0.676 (0.211–2.161)	0.506	—	
No	359 (95.7%)	66 (94.3%)	293 (96.1%)	Ref			
Had intercourse with HIV-positive woman during last month							
Yes	30 (8.5%)	6 (8.6%)	279 (92.1%)	0.918 (0.360–2.337)	0.851	—	
No	343 (91.5%)	64 (91.4%)	24 (7.9%)	Ref			
Forgot to take medication during last month > 3 times							
Yes	360 (96%)	63 (90%)	297 (93.4%)	4.125 (1.443–11.79)	0.005	3.46 (1.086–11.04)	0.036
No	15 (4%)	7 (10%)	8 (2.6%)	Ref			

AOR = adjusted odds ratio; ART = antiretroviral therapy; CI = confidence interval; COR = crude odds ratio; HIV = human immunodeficiency virus; Ref = reference value.