

Table 3. Bivariate and multivariate analysis of factors associated with HIV medication non-adherence among HIV-infected persons receiving HAART medication from nine facilities in Hyderabad, Andhra Pradesh, India (n=211).

Variable	Categories	Not adherent	Adherent	Prevalence Ratio (95% CI)	P value	Adjusted PR
Age categories	30 years or less	18 (25.71)	52 (74.29)	1.76 (0.98-3.15)	0.06	1.71 (0.90-3.25)
	31-45 years	18 (14.63)	105 (85.37)	Ref		
	46 or more	6 (33.33)	12 (66.67)	2.28 (1.04-4.97)	0.05	2.92 (1.28-6.68)
Gender	Female	21 (21.65)	76 (78.35)	1.16 (0.68, 2.00)	0.58	
	Male	21 (18.58)	92 (81.42)	Ref		
Education	Less than primary or never attended school	17 (20.73)	65 (79.27)	1.59 (0.67, 3.75)	0.28	1.12 (0.47-2.65)
	Secondary or high school	19 (22.89)	64 (77.11)	1.76 (0.76, 4.08)	0.18	1.73 (0.78-3.83)
	College or Graduate/ professional	6 (13.04)	40 (86.96)	Ref		
Risk group	FSW	9 (50.00)	9 (50.00)	2.96 (1.68, 5.24)	<0.01	2.83 (1.44-5.57)
	MSM	4 (19.05)	17 (80.95)	1.13 (0.44, 2.90)	0.76	1.36 (0.52-3.53)
	No high risk sexual behavior	29 (16.86)	143 (83.14)	Ref		
Place of residence	Urban	30 (20.13)	119 (79.87)	1.12 (0.60, 2.08)	0.73	1.10 (0.58-2.10)
	Rural	11 (18.03)	50 (81.97)	Ref		
Religion	Hinduism	38 (21.35)	140 (78.65)	2.77 (0.41, 18.63)	0.47	
	Christianity	2 (11.76)	15 (88.24)	1.53 (0.16, 15.09)	1.00	
	Islam	1 (7.69)	12 (92.31)	Ref		
Marital status	Widowed, separated or divorced	13 (24.53)	40 (75.47)	1.42 (0.56, 3.59)	0.45	

	Married	24 (18.6)	105 (81.40)	1.08 (0.45, 2.59)	0.86	
	Unmarried	5 (17.24)	24 (82.76)	Ref		
Employment category	Unemployed	8 (19.05)	34 (80.95)	0.97 (0.49, 2.07)	0.99	
	Student	0 (0)	5 (100)	Undefined	0.58	
	Informal job	0 (0)	5 (100)	Undefined	0.58	
	Employed part time	10 (27.03)	27 (72.97)	1.42 (0.75, 2.71)	0.30	
	Employed full time	23 (19.01)	98 (80.99)	Ref		
Income quartiles	Less than 25 th percentile	10 (24.39)	31 (75.61)	1.13 (0.53, 2.40)	0.75	0.58 (0.25-1.33)
	25 th – 50 th percentile	9 (20.93)	34 (79.07)	0.97 (0.44, 2.12)	0.94	0.72 (0.33-1.56)
	50 th -75 th percentile	12 (15.79)	64 (84.21)	0.73 (0.35, 1.53)	0.41	0.64 (0.31-1.32)
	More than 75 th percentile	11 (21.57)	40 (78.43)	Ref		
Depression categories	Moderate to Severe depression	15 (31.25)	33 (68.75)	1.89 (1.10-3.25)	0.03	2.29 (1.31-4.00)
	Minimal or mild depression	27 (16.56)	136 (83.44)	Ref		
Alarm function use (n=173)	No	28 (21.2)	104 (78.8)	1.43 (0.64-3.21)	0.35	
	Yes	6 (14.63)	35 (85.37)	Ref		
Facilitators to medication adherence	Mean (SD)	29.98 (10.08)	34.17 (7.02)	1.07 (1.02-1.11)	0.002	
Own a phone	No	8 (21.6)	29 (78.4)	1.13 (0.50-2.71)	0.77	
	Yes	34 (19.5)	140 (80.5)	Ref		