

**Table 3: Effect of selected socio-demographic, clinical and other characteristics on adherence to antihypertensive treatment, GUH, Northwest Ethiopia, 2011.**

Variables	Adherence Status		COR(95%CI)	AOR(95%CI)	
	Adherent	Non adherent			
Sex	Male	87	55	0.80(0.51, 1.22)	<b>0.48(0.28, 0.82)**</b>
	Female	161	81	1	1
Residence	Rural	51	39	1	
	Urban	197	97	1.55(0.96, 2.52)*	
Marital Status	Single	13	4	1	
	Married	157	76	0.64 (0.20, 2.02)*	
	Divorced	22	19	0.36 (0.10, 1.28)*	
	Widowed	56	37	0.47 (0.14, 1.52)*	
Religion	Orthodox	226	117	0.60(.31, 1.15)*	
	Others	22	19	1	
Educational Status	Illiterate	119	77	1	
	Grade 1-6 <sup>th</sup>	39	21	1.20(0.66, 2.20)*	
	Grade 7-12 <sup>th</sup>	58	25	1.50(0.87, 2.60)*	
	Diploma and above	32	13	1.59(0.79, 3.23)*	
Income level	<= 500 ETB	152	96	1	
	501-100 ETB	39	26	0.95(0.54, 1.66)*	
	>=1001 ETB	57	14	2.57(1.36, 4.87)*	
	Government worker	56	18	1.80(0.90, 3.64)*	
Employment Status	Merchant	54	39	0.8(0.43, 1.49)*	
	Student	6	2	1.74 (0.33, 9.19)*	
	House wife	57	30	1.10(0.58, 2.08)*	
	Farmer	25	18	0.81 (0.38, 1.72)*	
	Retired	50	29	1	
No of co morbidities	None	118	64	2.09 (0.98, 4.46)	<b>2.50(1.01, 6.21)**</b>
	One	115	55	2.37 (1.10, 5.09)	<b>2.68(1.07, 6.71)**</b>
	Two and above	15	17	1	<b>1</b>
BP level	Controlled	136	43	2.63 (1.69, 4.08)	<b>2.93(1.73, 4.96)**</b>
	Uncontrolled	112	93	1	<b>1</b>
Distance in Hrs	<0.5 hrs	112	39	2.05(1.31, 3.21)	<b>2.02(1.19, 3.43)**</b>
	≥0.5 hrs	136	97	1	<b>1</b>
Dosage Frequency	Once daily	123	56	1.10 (0.27, 4.55)*	
	BID	119	77	0.77 (0.19, 3.18)*	
	TID and above	6	3	1	
Knowledge towards	Knowledgeable	224	71	8.55 (4.99, 14.65)	<b>6.21(3.22, 11.97)**</b>

HTN and its treatment	Not Knowledgeable	24	65	1	<b>1</b>
Attitude	Favourable	236	96	8.19 (4.12, 16.29)	<b>3.23(1.31, 7.97)**</b>
	Not favourable	12	40	1	<b>1</b>
Pt-provider relationship	Good	239	124	2.57( 1.05, 6.27)*	
	Poor	9	12	1	

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Note: - \*\* statistically significant \* variables with p value of greater than 0.2 in crude analysis omitted from entering in to the model.