Table 2: Relationship between risk factors of, sanitation status among PLWHA on Home Based Care clients of Gondar town, 2009. (n= 294)

Characteristics		Sanitation status		Crude OR (95% CI)	Adjusted OR (95% CI)
		Unimproved	Improved		
Educational status	Illiterate(can't Read and write)	98	31	1.0	1.0
	Read and write	32	9	1.12(0.48, 2.61)	1.31(0.52, 3.30)
	Elementary	29	22	0.41(0.21, 0.82)*	0.41(0.18, 0.94)*
	Secondary	31	27	0.36(0.18,0 .69)*	0.29(0.13, 0.63)*
	Above grade12	7	8	0.27(0.09,0 .82)*	0.26(0.07,0.94)*
Income quintile	Lowest(poorest)	32	21	0.73(0.32, 1.68)	1.05(0.36, 3.01)
	Second (poor)	26	15	0.83(0.34, 2.03)	1.67(0.56, 4.97)
	Third (middle)	68	32	1.02(0.48, 2.16)	1.88(0.74, 4.77)
	Fourth(High)	40	14	1.38(0.58, 3.28)	1.73(0.60, 4.97)
	Fifth (Highest)	31	15	1.0	1.0
Household latrine availability	Yes	86	84	1.0	1.0
	No	111	13	8.34(4.36, 15.95)*	10.39 (5.13, 21.03)*
House hold members discriminate in the latrine	yes	11	3	1.85(0.50, 6.80)	4.18 (0.52, 33.28)
	No	186	94	1.0	1.0

Have you	yes	11	5	1.08(0.36, 3.22)	0.30(0.05, 1.62)
discriminated in	No			1.0	1.0
the latrine		186	92		
do you need help	yes	10	2	2.54(0.54, 11.82)	1.57 (0.26, 9.49)
with walking	No	187	95	1.0	1.0
diarrhea for the	Yes	14	9	0.74(0.31, 1.79)	0.61(0.19, 1.87)
past 24 hour				1.0	1.0
	No	183	88		

* Statistically significant association   P<0.05