

**Additional file 6: Univariate analysis of potential determinants of consumption**

Variable	2012		2013	
	LRT	P-value	LRT	P-value
Socio-economic status	0	1	0	1
District	0	1	14.34	<b>0.0454</b>
Commune	0.02	1	32.35	0.1184
User's family head occupation	2.07	0.9556	17.13	<b>0.0166</b>
Used farm land size	0	0.9813	0	0.9542
Used rice field size	0	0.9821	0.03	0.8631
How to get repellent	0	0.9997	0	0.9992
Distributor age	0	0.9999	3.21	0.2005
Transport type owned by distributor	0.71	0.9943	11.85	0.0654
Knowing distributor	0	0.9993	0.48	0.4871