

**Table S6:** Comparative evaluation of cost effectiveness of the ITT-B and the HLC for weekly sampling and sampling a single *An. gambiae s.l.* and *Cx.* Species

Type of cost	Item	Details	Quantity		Total amount for	Total amount for
			ITT-B	HLC	HLC/ week/ site	ITT-B / week/ site
Initial set up costs	Traps	ITT-B	12	NA	NA	\$2.10
		Maintained and depreciated over 5 years	NA	7.5 km x \$0.50	\$4.40	NA
		Bicycles maintenance and depreciation over 5 years	12	NA	NA	\$0.37
	Collecting materials	Aspirators and torches	12	12	\$0.25	\$0.25
Total Initial set up cost per week per sampling site					\$4.65	\$2.74

Recurring cost	Labour	Adult mosquito catchers	12	12	\$5.00	\$4.30	
		Driver	1	NA	\$0.80	NA	
		Surveillance coordinators	NA	2	\$2.40	NA	
	Field work	Fuel and maintenance cost	NA	8km x \$0.5	\$5.00	NA	
	Office materials	Consumables			\$1.48	\$1.54	
	Medical tests				\$1.00	NA	
	Miscellaneous cost				\$2.55	\$0.58	
	Total recurring cost per week per sampling site					\$18.23 <sup>a</sup>	\$6.42 <sup>a</sup>
	Total initial set up and recurring costs per week					\$22.88	\$9.15
	Cost per mosquito caught per week	<i>An. gambiae s.l.</i>		0.83	0.73	\$24.97 <sup>a</sup>	\$7.73 <sup>a</sup>
<i>Cx. species</i>		130	67.98	\$0.27 <sup>a</sup>	\$0.05 <sup>a</sup>		

<sup>a</sup>=Cost of sampling one mosquito calculated by dividing the total recurring cost per week per site by the number of mosquitoes caught per week per sampling site.