

Supplementary material to:

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Table S 1. Malaria cases and deaths between 2013 and 2018 transmission season for the Bobirwa, Palapye and Serowe sub-districts.

Sub-district	2013		2014		2015		2016		2017		2018		2019	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Bobirwa	40	0	63	1	30	0	19	2	307	5	99	0	56	2
Palapye	10	1	56	3	14	0	15	0	85	2	61	1	32	0
Serowe	7	0	9	0	12	0	3	1	13	1	20	1	5	0

Table S 2. Mosquito sample collection site information for adult (homesteads) and the larvae (water sources) from Bobirwa, Palapye and Serowe sub-districts.

Adult collection				
Sub-district	Collection Month	Site Name	Site code	Coordinates
Bobirwa	November 2019	Bobonong	1	S21°58'195, E28°25'426
Bobirwa		Gobojango	2	S21°49'717, E28°43'872
Bobirwa		Molalatau	3	S22°04'071, E28°35.907
Bobirwa		Mothabaneng	4	S22°10'712, E28°51.971
Bobirwa		Mabolwe	5	S21°49'081, E28°49'754
Bobirwa		Lepokole	6	S21°47'522, E28°20'705
Palapye	December 2019	Palapye	7	S22°31'912, E27°08'310
Palapye		Topisi	8	S22°10'487, E27°15'021
Palapye		Radisele	9	S22°47'754, E27°00'262
Palapye		Ratholo	10	S22°43'246, E27°34'552
Palapye		Magapi	11	S22°19'458, E27°50'332
Palapye		Lerala	12	S22°47'199, E27°45'349
Serowe	January 2020	Serowe	13	S22°22'945, E26°42'569
Serowe		Paje	14	S22°25'326, E26°79'029
Serowe		Mabeleapodi	15	S22°12'559, E26°50'038
Serowe		Tshimoyapula	16	S22°07'023, E26°55'419
Serowe		Mogorosi	17	S22°26'210, E26°33'464
Serowe		Motshegaletau	18	S22°34'752, E26°23'744
Larval collection				
Bobirwa	November 2019	Motloutse river	1	S21°57'457, E28°25'469
Bobirwa		Bobonong Bridge	2	S21°58'288, E28°25'130
Bobirwa		Hogs Creek	3	S22°34'793, E28°19'961
Palapye	December 2019	Old Lecheng Road	4	S22°32'596, E27°11'283
Palapye		Biust Mesocosms	5	S22°35'467, E27°07'303
Palapye		Homestead container	6	S22°32'976, E27°11'504

Serowe	January 2020	Serowe river	7	S22°25'117, E26°41'422
Serowe		Serowe river	8	S22°24'435, E26°41'593
Serowe		Serowe river	9	S22°24'543, E26°42'588
