An. gambiae s.s. Rainfall Nocturnal temperatures Diurnal temperatures Variable importance b/w 2 and 6 weeks b/w 4 and 6 weeks b/w 0 and 2 weeks Nocturnal LST

Rainfall

Diurnal LST
Marsh
Grassland
Ligneous savannah
Riparian forest
Length of the streams
Vector control tool (
Shortest dist. to stream 1.00 1.00 0.75 0.75 0.75 0.50 0.50 0.50 0.25 Permanent water bodies 0.00 0.00 0.00 0 20 40 60 16 18 20 35 40 45 °C cum. mm. Marsh Permanent water bodie Length of the streams Shortest dist. to stream 2000 m buffer 2000 m buffer Presence 1.00 1.00 1.00 1.00 0.75 0.50 0.50 0.50 0.50 0.25 0.25 0.25 0.00 0.00 2.5 5.0 7.5 0.00 0.25 0.50 0.75 3000 6000 9000 12000 200 400 600 800 0.0 0 % land. % land. m. m Riparian forest Ligneous savannah Grassland Vector control tool 500 m buffer 500 m buffer 2000 m buffer 1.00 1.00 1.00 1.00 0.75 0.75 0.75 0.75 0.50 0.50 0.25 0.25 0.25 0.25 0.00 0.00 0.00 0 10 15 0 25 50 75 0 10 20 30 40 % land. % land. % land. Rainfall Diurnal temperatures Permanent water bodies Variable importance b/w 2 and 6 weeks b/w 0 and 2 weeks 2000 m buffer 1.00 1.00 ■ Rainfall Length of the streams Diurnal LST 0.75 Ligneous savannah
Riparian forest
Place
Grassland 0.50 0.50 0.50 Permanent water bodies Shortest dist. to stream Vector control tool (0.00 0.00 0 40 60 80 36 40 44 0.00 0.25 0.50 0.75 °C % land. cum. mm. Riparian forest Ligneous savannah Length of the streams Shortest dist. to stream 250 m buffer 2000 m buffer Abundance 1.00 1.00 1.00 1.00 0.75 0.75 0.75 0.50 0.50 0.25 0.25 0.25 0.00 0.00 3000 6000 9000 12000 0 200 400 600 800 0 5 10 15 20 40 60 80 % land. % land. m m. Grassland Vector control tool 1000 m buffer 1.00 1.00 0.75 0.75 0.50 0.50 0.25 0.00 20 30 40

% land.