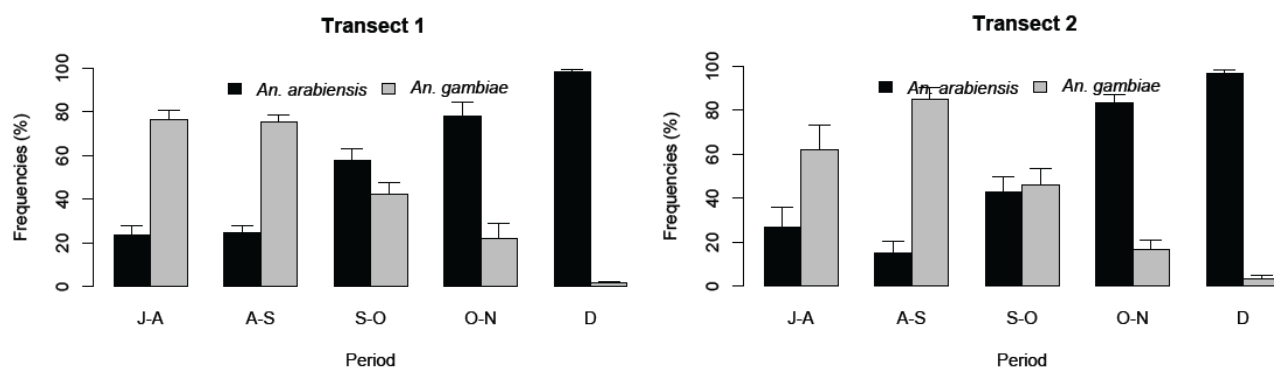


SUPPORTING INFORMATION S3

Figures. Temporal variations of the frequencies of *An. arabiensis* and *An. gambiae* in each of the two transects from July to december 2010.



A similar trend is observed for the two transects when considering the two species. The highest frequencies of *An. arabiensis* are observed at the end of the rainy season whereas for *An. gambiae* the highest frequencies are observed at the beginning of the rainy season. These variations were significantly different (see table below).

Table: Comparison of the mean frequencies of *An. gambiae* and *An. arabiensis* between the two transects

Transects/Period		J-A	A-S	S-O	O-N	D	F	p	
Transect 1	<i>An. arabiensis</i>	mean	23.72	24.61	57.62	77.83	98.50	53.01	<0.001
		±se	4.25	3.18	5.32	6.66	0.90		
	<i>An. gambiae</i>	mean	76.28	75.39	42.38	22.17	1.50		
		±se	4.25	3.18	5.32	6.66	0.90		
Transect 2	<i>An. arabiensis</i>	mean	26.92	15.04	42.85	83.24	96.77	35.18	<0.001
		±se	9.06	5.37	6.97	4.10	1.80		
	<i>An. gambiae</i>	mean	61.97	84.96	46.04	16.76	3.23		
		±se	11.43	5.37	7.28	4.10	1.80		