

Table S1: Prevalence of immature stages of *Ae. albopictus* and *Ae. aegypti* and Chi-squared test comparison in different neighbourhoods of Yaound é

Boroughs	Neighbourhoods	<i>Ae. aegypti</i>		<i>Ae. albopictus</i>		df	Chi squared
		N	%	N	%		
Yaound é I	Bastos ^a	11	0.1	327	3	1	84.1*
	Mballa.II ^a	8	0.1	564	5.2	1	357.8*
	Mballa.III ^a	107	1	350	3.3	1	5.1*
	Ntougou ^b	4	0.1	351	3.3	1	278.7*
	Total	130	1.2	1592	14.7	1	152.2*
Yaound é II	Briqueterie ^a	0	0	0	0	NA	NA
	Mbankolo ^b	9	0.1	472	4.4	1	220.5*
	Messa ^a	127	1.2	56	0.5	1	0.8
	Tsinga ^a	80	0.7	224	2.1	1	2.4
	Total	216	2	752	7	1	12.3*
Yaound é III	Afanoyoa.I ^c	69	0.6	76	0.7	1	0.01
	Afanoyoa.II ^c	172	1.6	5	0.1	1	51.6*
	Efoulou ^b	11	0.1	404	3.7	1	130*
	Nsimeyong ^b	1	0.01	502	4.7	1	2324*
	Total	253	2.3	987	9.1	1	19.7*
Yaound é IV	Awae ^b	24	0.2	310	2.9	1	31.6*
	Emombo ^a	0	0	52	0.5	-	-
	Messa.Me.Ndongo ^b	72	0.7	145	1.3	1	0.7
	Nkolndongo ^a	21	0.2	348	3.2	1	47.1*
	Total	117	1.1	855	7.9	1	43.1*
Yaound é V	Essos ^a	55	0.5	337	3.1	1	13.4*
	Mvog.Ada ^a	97	0.9	174	1.6	1	0.6*
	Ngousso ^b	4	0.04	163	1.5	1	58.5*
	Ntem.Assi ^a	13	0.1	345	3.2	1	78.5*
	Total	169	1.6	1019	9.4	1	39.6*
Yaound é VI	Etoug.Ebe ^b	23	0.2	423	3.9	1	64.4*
	Melen ^a	1	0.01	184	1.7	1	310.1*
	Mendong ^b	5	0.1	150	1.4	1	38.9
	Nkolbikok ^a	1	0.01	536	5	1	2650*
	Total	30	0.3	1293	12	1	492.3*
Yaound é VII	Eyang ^c	289	2.7	30	0.3	1	20.7*
	Minkoameyos ^c	115	1.1	71	0.7	1	0.16
	Nkolafeme ^c	7	0.1	407	3.8	1	211.6*
	Nkolbisson ^b	98	0.9	882	8.2	1	58.1*
	Oyom.Abang ^b	84	0.8	1216	11.3	1	141.2*
	Zamassi ^c	118	1.1	71	0.66	1	0.17
	Total	711	6.6	2677	23.9	1	50.3*
Total		1626	15.1	9175	84.9	1	324.5*

Type of neighbourhoods						
Downtown ^a	54	15	101	28.1	1	11.3*
Suburban ^b	67	18.6	161	44.7	1	36.6*
Rural ^c	55	15.3	46	12.8	1	0.4
Total	176	48.9	308	85.6	1	27.5*

N, number of larvae and pupae collected; %, percentage; NA, not applicable; ^{a,b,c}, neighbourhoods included in downtown, suburban and rural areas respectively; *, significant difference.

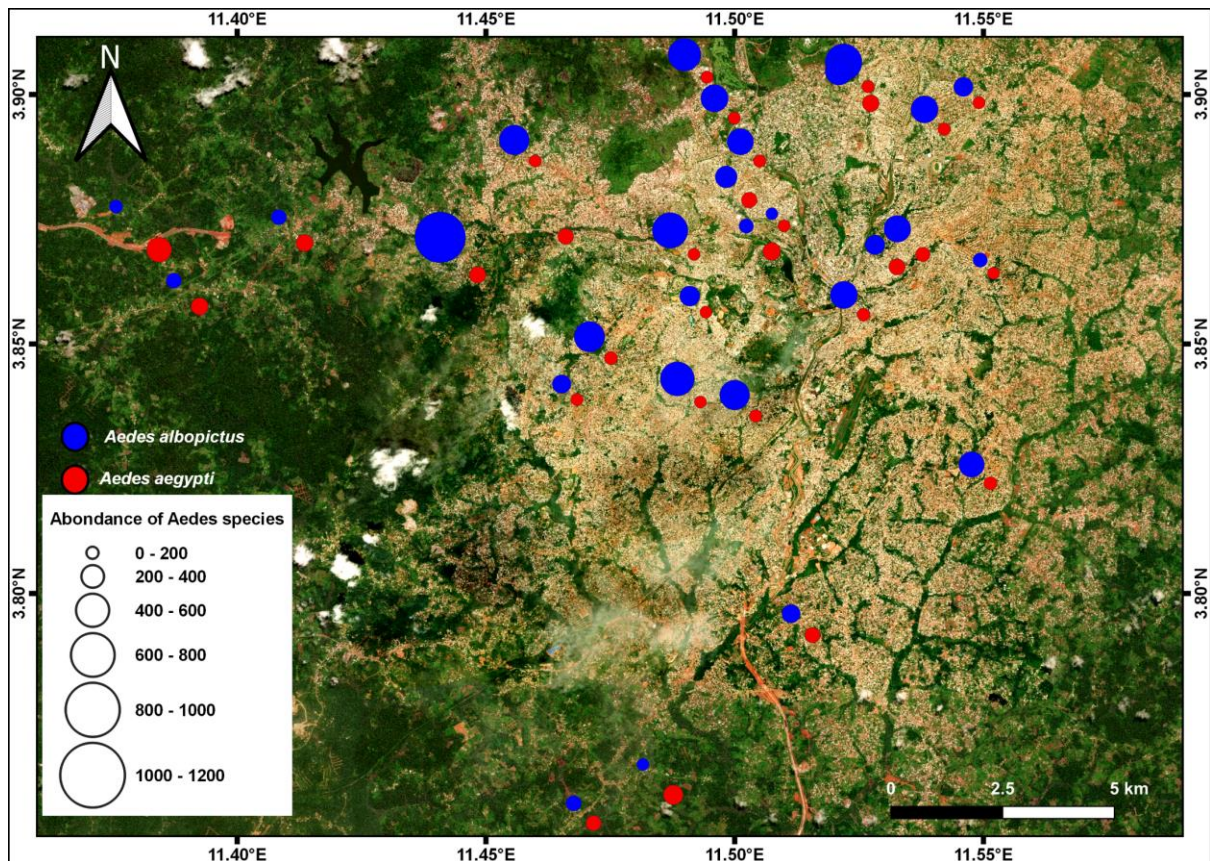


Figure S1. Spatial distribution of Abundance of immature stages of *Ae. albopictus* and *Ae. aegypti* per neighbourhood in Yaoundé

Table S2: Estimated dengue and yellow fever transmissions risk levels based on House (HI), Breteau (BI), and Container (CI) indices in Yaound é

House index-HI (95%CI)			Breteau index-BI (95%CI)		Container index-CI (95%CI)		Overall Indices (95%CI)			Risk level
Boroughs	<i>Ae. albopictus</i>	<i>Ae. aegypti</i>	<i>Ae. albopictus</i>	<i>Ae. aegypti</i>	<i>Ae. albopictus</i>	<i>Ae. aegypti</i>	HI	BI	CI	
Yaound é I	45 (38.3-51.6)	23.3 (22-1.7)	78.3 (64.7-92)	31.7 (23.3-40.1)	35.6 (31.4-39.9)	14.4 (11.3-17.5)	45 (38.5-51.5)	81.7 (67.3-96)	37.1 (14.4-59.8)	High
Yaound é II	23.3 (18.3-28.3)	16.7 (14.9-18.4)	48.3 (35.4-61.2)	30 (62.4-40.2)	23.5 (19.7-27.3)	14.4 (11.3-17.6)	23.3 (17.8-28.8)	50 (36.7-63.4)	24 (14.4-33.6)	High
Yaound é III	42.2 (36.5-47.9)	37.8 (35.8-39.8)	60 (46.8-73.2)	51.1 (39.8-62.4)	23.1 (20-26.2)	12.9 (10.4-15.4)	48.9 (41.4-56.4)	83.33 (68.5-98.2)	26.88 (12.9-40.8)	High
Yaound é IV	37 (33.6-40.4)	24.7 (23.6-25.7)	60.3 (48.3-72.3)	43.8 (32.6-55)	30 (25.8-34.4)	18.6 (14.9-22.3)	38.4 (32.6-44)	62 (46.9-77.2)	31.8 (18.6-45.1)	High
Yaound é V	42.22 (37.4-47)	20 (19.2-20.8)	71.1 (56-86.2)	26.7 (17.5-35.9)	35 (30.6-39.4)	19.1 (15.6-22.8)	44.4 (37-52)	80 (65.4-94.6)	40 (19.2-60.8)	High
Yaound é VI	37.3 (31.4-43.3)	14.7 (14.5-14.8)	81.3 (66-96.7)	18.67 (12.8-24.6)	30.4 (26.61-34.2)	8.8 (6.45-11.1)	41.33 (35.6-47)	85 (66.6-103.4)	34.5 (9.5-59.5)	High
Yaound é	41.6	40.4	91	73	31.2	25	43.8	107.9	36.9	High

VII	(34.5-54.6)	(34.3-42.5)	(74.6-107.4)	(61.7-84.417)	(28.3-34)	(22.3-27.7)	(38.5-49.1)	(90.1-125.6)	(25-5.84)	
Total	38.3 (36-40.6)	25.7 (23.7-27.8)	71.8 (66.2-77.4)	41 (37-44.8)	29.6 (28.2-31)	16.9 (15.7-18)	40.5 (38.2-42.8)	80.5 (74.4-86.6)	33.2 (31.8-34.6)	High

95% CI; 95% Confidence Interval