

Table 3 Canonical discriminant coefficients and loadings for the discriminant function analysis applied on the characters linked with mosquito body size to discriminate between *An. arabiensis* populations

Character	Unstandardized coefficient			Standardized coefficient			Loading		
	Function			Function			Function		
	1	2	3	1	2	3	1	2	3
Wing length excluding the fringe	11.909	3.335	-.008	2.158	.604	-.001	.417*	.341	.205
Wing width excluding the fringe	-12.269	-11.578	-5.839	-.781	-.737	-.371	.333*	.233	.049
Length of palpal segment IV	5.109	-28.906	15.129	.149	-.840	.440	.176*	.157	.090
Hind leg length	-3.296	5.216	1.962	-1.910	3.021	1.137	.331	.553*	.300
Mid leg length	4.866	-2.099	.552	2.282	-.984	.259	.375	.417*	.161
Fore leg length	.276	.092	-6.313	.100	.034	-2.291	.398	.408*	.073
Length of palpal segment III	-42.688	11.335	-7.234	-1.937	.514	-.328	-.025	.273*	.132
Antenna flagellum length	.894	-20.152	19.589	.069	-1.557	1.513	.316	.203	.533*

-Standardized coefficient: represents the relative contribution of each variable to the discriminant function derived by the analysis.

-Loading: represents correlation between an independent variable and discriminant function derived by the analysis.

-* indicates high loading.