

Table 6 Leave-one-out cross validation for all specimens used in the discriminant analysis of morphometric measurements (characters linked with mosquito body size) of females *An. arabiensis* and *An. gambiae*

	Species	Predicted group membership		Total
		<i>An. arabiensis</i>	<i>An. gambiae</i>	
Original	<i>An. arabiensis</i>	45 (84.9%)	8 (15.1%)	53
	<i>An. gambiae</i>	21 (74.8%)	14 (25.2%)	35
Cross-validated	<i>An. arabiensis</i>	37 (69.8%)	16 (30.2%)	53
	<i>An. gambiae</i>	21 (60%)	14 (40%)	35

Note: In cross validation, each specimen is classified by the functions derived from all specimens other than that being classified. 67% of original grouped cases correctly classified. 58% of cross-validated grouped cases correctly classified