

Table 2. Phenotypic correlations among body measurements (cm) and total muscle weight

		(i) Total carcass	(ii) Head		(iii) Chest, loin & abdomen					(iv) Round	(v) Total body
Measurements taken on the:		TWM	HW	HL	CW	LW	CG	AG	CD	RG	BL
(i) Total carcass	TMW	-	0.40**	0.48**	0.77**	0.75**	0.76**	0.60**	0.58**	0.35**	0.47**
(ii) Head	HW		-	0.47**	0.31**	0.27**	0.31**	0.22*	0.27*	0.15*	0.44**
	HL			-	0.34**	0.32**	0.30**	0.21**	0.37**	0.14*	0.45**
(iii) Chest, loin & abdomen	CW				-	0.84**	0.61**	0.40**	0.49**	0.03 ^{ns}	0.21**
	LW					-	0.54**	0.38**	0.53**	0.03 ^{ns}	0.17**
	CG						-	0.78**	0.48**	0.47**	0.45**
	AG							-	0.32**	0.46**	0.37**
	CD								-	0.16*	0.39**
(iv) Round	RG								-	-	0.40**
(v) Total body	BL										-

TMW: total muscle weight, HW: head width, HL: head length, CW: chest width, LW: loin width, CG: chest girth, AG: abdomen girth, CD: chest depth, RG: round girth, BL: body length, * = p< 0.05, ** = p< 0.01, ns = non-significant.