

Table S.1. Summary of model selection statistics for linear mixed effects analysis of the relationship between 24 h T_b in different seasons and mane characteristics. Models were ranked according to Akaike weights (w_j) based on the Akaike Information Criterion for small samples (AICc). Included are the number of parameters (K), the log likelihood (LogLik) and the AICc differences (Δi).

Dependent variable	Model	Rank	K	logLik	AICc	Δi	w_j
24 h maximum T_b	season	1	6	4.31	5.77	0	0.658
	season + length	2	7	4.56	8.37	2.601	0.179
	season + colour + length	3	9	7.17	9.67	3.897	0.094
	season + colour	4	8	4.98	10.4	4.631	0.065
	season + colour * length	5	11	7.69	16.04	10.272	0.004
	season * colour * length	6	26	19.47	121.06	115.293	0
24 h mean T_b	season + colour + length	1	9	23.16	-22.33	0	0.484
	season	2	6	18.05	-21.71	0.622	0.355
	season + colour	3	8	19.71	-19.06	3.266	0.095
	season + length	4	7	17.68	-17.87	4.46	0.052
	season + colour * length	5	11	23.35	-15.27	7.062	0.014
	season * colour * length	6	26	35.57	88.85	111.182	0