

Table S2. Results of one-factor ANCOVAs used to examine the effects of feeding treatment at each of the two temperature treatments (7°C and 17°C) independently

Dependent variable	Effect of feeding treatment	
	7°C	17°C
Time to torpor entry (min)	$F_{22,2}=3.6, P=0.05$	$F_{23,2}=4.3, P=0.03$
Length of cooling period (min)	$F_{23,2}=0.4, P=0.65$	$F_{23,2}=2.0, P=0.16$
Mean pre-torpor normothermic \dot{V}_{O_2} (ml O ₂ h ⁻¹)	$F_{23,2}=1.3, P=0.30$	$F_{23,2}=8.3, P=0.002$
Mean pre-torpor normothermic MR (kJ h ⁻¹)	$F_{23,2}=2.3, P=0.12$	$F_{23,2}=2.6, P=0.10$
Total energy expended before torpor entry (kJ)	$F_{22,2}=3.0, P=0.07$	$F_{23,2}=5.1, P=0.02$
Total energy expended over entire trial (kJ)	$F_{22,2}=4.2, P=0.03$	$F_{23,2}=2.5, P=0.10$
Reduction in body mass (g)	$F_{23,2}=4.0, P=0.03$	$F_{23,2}=2.0, P=0.16$

MR, metabolic rate; \dot{V}_{O_2} , rate of oxygen consumption.