temperature treatments (7°C and 17°C) independently Effect of feeding treatment Dependent variable 700 17°C

Table S2. Results of one-factor ANCOVAs used to examine the effects of feeding treatment at each of the two

Dependent variable	7 0	17 0	
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, <i>P</i> =0.16	

ngth of cooling period (min)	<i>F</i> _{23,2} =0.4, <i>P</i> =0.65	F_{23}
ean pre-torpor normothermic \dot{V}_{O_2} (ml O_2 h^{-1})	F _{23,2} =1.3, P=0.30	F _{23,3}
	E 00 D 0 10	_

Total energy expended over entire trial (kJ)

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

Reduction in body mass (g)

zerigar er eceming period (min.)	23,2-0.1, 7-0.00	23,2 2.0, 7 0.10
Mean pre-torpor normothermic $\dot{V}_{\rm O_2}$ (ml $\rm O_2~h^{-1}$)	F _{23,2} =1.3, P=0.30	F _{23,2} =8.3, <i>P</i> =0.002
Mean pre-torpor normothermic MR (kJ h ⁻¹)	F _{23,2} =2.3, <i>P</i> =0.12	F _{23,2} =2.6, <i>P</i> =0.10

ean pre-torpor normothermic V_{O_2} (ml O_2 h ⁻¹)	F _{23,2} =1.3, <i>P</i> =0.30	<i>F</i> _{23,2} =8.3, <i>P</i> =0.002
ean pre-torpor normothermic MR (kJ h ⁻¹)	F _{23,2} =2.3, <i>P</i> =0.12	F _{23,2} =2.6, P=0.10
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Mean pre-torpor normothermic MR (kJ h ⁻¹)	F _{23,2} =2.3, <i>P</i> =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

 $F_{22,2}$ 4.2, P=0.03

 $F_{22,2}=4.0$. P=0.03

*F*_{23.2}=2.5, *P*=0.10

 $F_{22} = 2.0$. P = 0.16