S2 File: Supplementary results

Table A. Model parameters and statistics for the three best linear mixed models described in Table 3, main text. The parameters for the first two models show how the intake of pellets and browse (g dm/individual/ $W^{0.75}$/day) differed between the treatments (the five different week-long dietary regimes tested: high protein (H), low protein (L), Buffet 1, Post H buffet, Post L buffet). Parameters for the third model show the relationship between browse intake and browse availability (g edible browse/batch). Results from post-hoc tests are displayed in Table 4, the main text.

Treatments	Value	Std Error	t-value	p-value
Pellet intake (186 obs) LMM 2				
Intercept (H)	α = 4.38	0.065	67.74	<0.001
L	β = -0.162	0.080	-2.02	0.046
Post H buffet	β = -0.028	0.080	0.348	0.728
Post L buffet	β = -0.037	0.080	-0.466	0.642
Buffet 1	β = 0.055	0.086	0.637	0.525
Browse intake A (186 obs) LMM 4				
Intercept (H)	α = 0.179	0.189	0.947	0.345
L	β = 0.053	0.199	0.269	0.789
Post H buffet	β = -0.524	0.199	-2.642	0.009
Post L buffet	β = -0.295	0.199	-1.484	0.141
Buffet 1	β = -0.840	0.213	-3.949	<0.001
Browse intake B (141 obs) LMM 1				
Intercept	α = -0.408	0.349	-1.167	0.247
Browse avail.	β = 0.000	0.000	0.846	0.400

Table B. Model parameters and statistics for the two linear mixed models testing how adult moose individuals' daily protein energy intake (PE) and non-protein energy intake (NPE) (MJ/individual/ $W^{0.75}$/day) differed between the treatments (the five different week-long dietary regimes tested: high protein (H), low protein (L), Buffet 1, Post H buffet, Post L buffet). Results from post-hoc tests are displayed in Table 5, the main text.

Treatments	Value	Std Error	t-value	p-value
Protein energy intake (125 obs)				
Intercept (H)	$\alpha = -1.153$	0.073	-15.86	<0.001
L	$\beta = -1.148$	0.095	-12.15	<0.001
Post H buffet	$\beta = -0.621$	0.094	-6.575	<0.001
Post L buffet	$\beta = -0.570$	0.095	-6.032	<0.001
Buffet 1	$\beta = 0.449$	0.100	-4.499	<0.001
Non-protein energy intake (125 obs)				
Intercept (H)	$\alpha = 0.789$	0.064	12.36	<0.001
L	$\beta = 0.109$	0.070	1.560	0.121
Post H buffet	$\beta = 0.206$	0.070	2.956	0.004
Post L buffet	$\beta = 0.117$	0.070	1.682	0.095
Buffet 1	$\beta = 0.174$	0.073	2.355	0.020