SUPPLEMENTARY MATERIAL to

"Corticosterone levels reflect variation in metabolic rate, independent of 'stress'"

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Table S1: Absolute CORT concentrations (ng/ml, log transformed) in relation to sampling variables. Sampling order (2): individual sampled second; First trial (yes): first respirometer session for that individual. Round (afternoon): individual was sampled in the afternoon.

	Estimate	SE	d.f.	F	p
Intercept	2.263	0.122	44.64		
Sampling order (2)	0.152	0.145	43.19	1.096	0.301
First Trial (yes)	0.105	0.143	85.33	0.534	0.467
Round (afternoon)	0.005	0.149	43.76	0.001	0.972
Random factors				Variance	
Bird ID				0.081	
Plate				0.039	
Residual				0.314	

Table S2: Glucose concentrations (mg/dL) in relation to sampling variables. Gluc. order (2): first glucose sample was taken under stress, second in baseline; Round (afternoon): individual was sampled in the afternoon.

	Estimate	SE	d.f.	F	p
Intercept	5.922	0.026	58.00		
Gluc. order (2)	0.055	0.031	58.00	3.173	0.080
Round (afternoon)	-0.034	0.031	58.00	1.174	0.283
Random factors				Variance	
Bird ID				0.000	
Plate				0.000	
Residual				0.015	

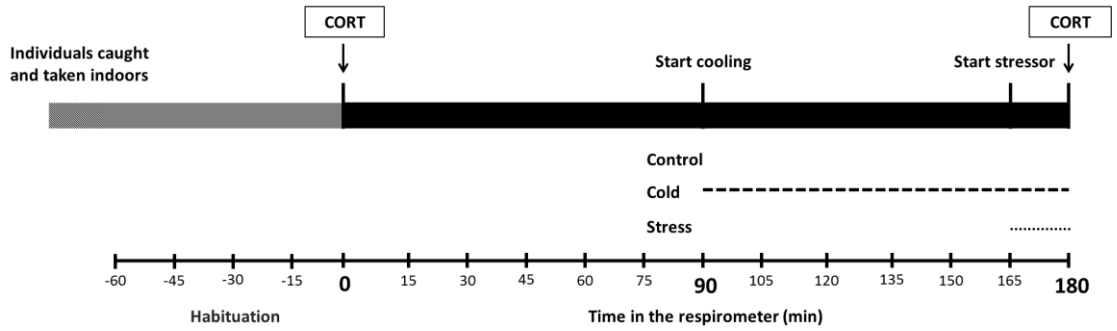

Figure S1: Timeline of the experimental procedure.

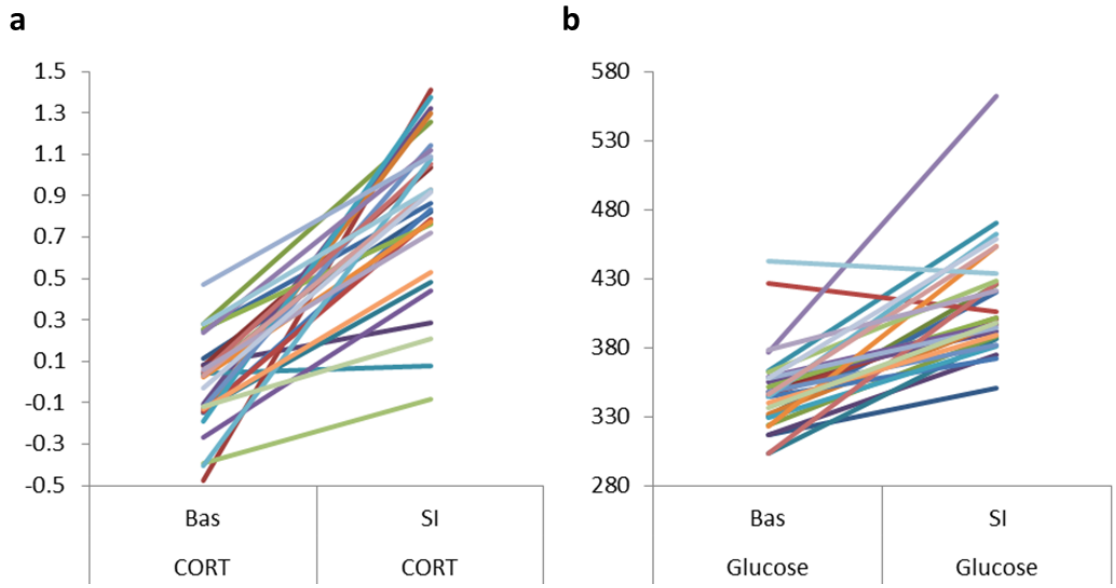

Figure S2: Corticosterone (a, ng/ml) and glucose (b, mg/dl) at baseline (within 2 min. after disturbance) and stress-induced (after 20 min. of restraint). Colors correspond to the same individuals in the two panels.