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Supplementary Figure 1 (companion to Figure 2): TN^{SST} neuronal ablation does not affect any other metabolic
 measures studied. Telemetry measures of (A) activity and (B) core body temperature are unaffected by TN^{SST} neuronal
 ablation. (C) Fasting glucose tolerance test is also unaffected by TN^{SST} neuron ablation. (D) Despite changes to food intake,
 ablation does not affect body weight over time. Mean ± SEM; *, p<0.5; ***, p<0.001. M Control n=9; M Ablated n=9; F
 Control n=5; F Ablated n=7. Pro: Proestrus, Est: Estrus, Met: Metestrus, Di: Diestrus.

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493 Supplementary Figure 2 (companion to Figure 3). (A) Regression analysis of food intake and body mass across all ovary-493 intact animals in metestrus (left panel) and diestrus (right panel) reveals an interaction between body mass and nightly food 494 intake in females. Significant negative correlations in wildtype animals (black line, round black dots) are seen in the higher 495 estradiol phase of metestrus but not in caspase ablated females (cyan line, square cyan points). Metestrus: Control n=18, 496 Ablated n=21; Diestrus: Control n=19, Ablated n=20.

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