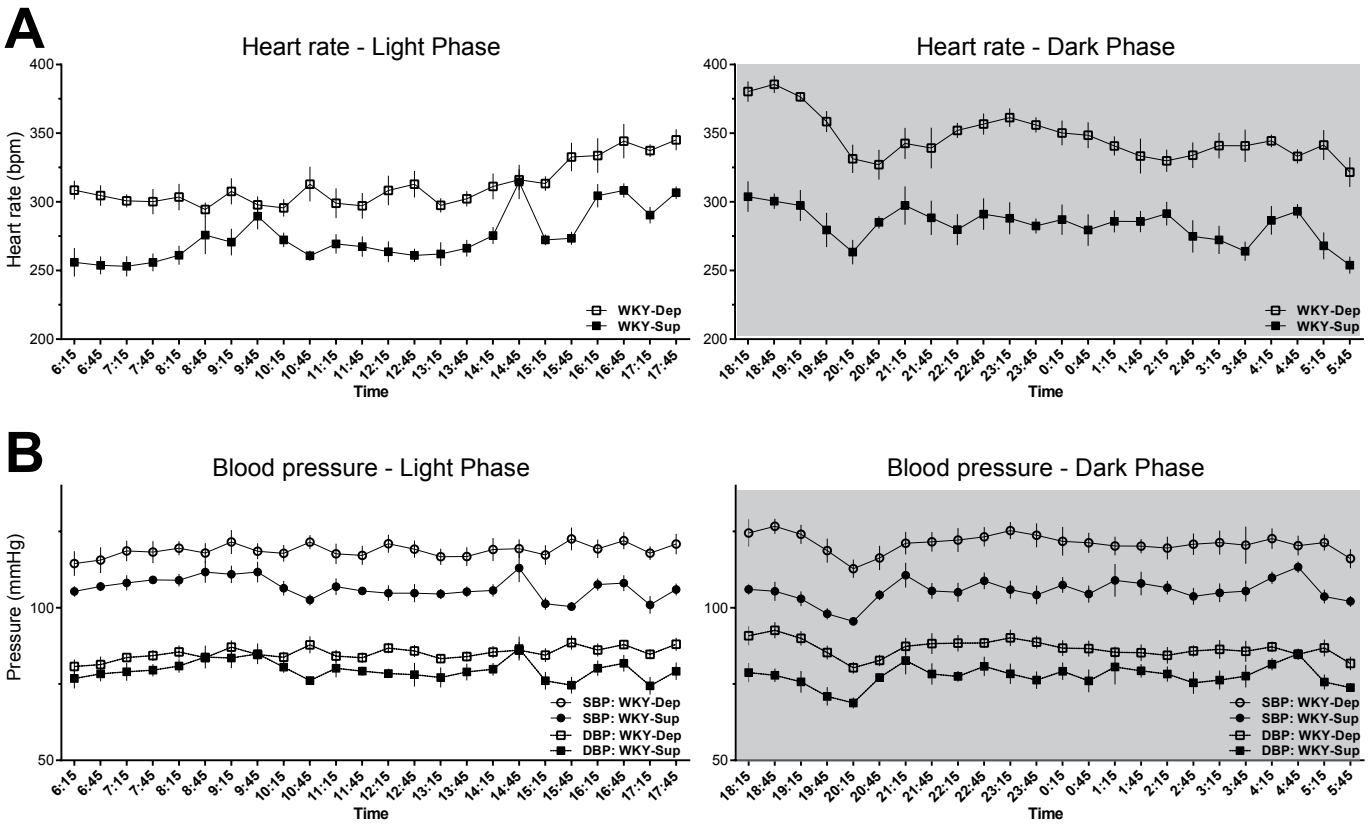
Supplemental Figure 1



Supplemental Figure 1. Dietary methyl donor supplementation decreases WKY rats' baseline heart rate (HR) and blood pressure (BP) across the 24 h period. (A) WKY rats that received the methyl donor supplemented diet (WKY-SUP) displayed significantly lower HR compared to methyl donor depleted (WKY-DEP) rats throughout the light phase (effect of diet: $F(1, 12) = 80.33$, $p < 0.0001$) and dark phase (effect of diet: $F(1, 12) = 74.46$, $p < 0.0001$) of a 24 h period. (B) WKY-SUP rats showed significantly lower systolic BP (SBP) during both the light phase (effect of diet: $F(1, 12) = 15.55$, $p = 0.002$) and dark phase (effect of diet: $F(1, 12) = 24.14$, $p < 0.001$). Likewise, WKY-SUP rats also showed lower diastolic BP during the light phase (effect of diet: $F(1, 12) = 5.16$, $p < 0.05$) and dark phase (effect of diet: $F(1, 12) = 13.77$, $p < 0.01$). Data represent mean ± SEM in 30-min increments throughout the light and dark phases of the 24 h assessment period.