**Figure 2—Source data 2.** Area under the curves (AUCs) from the averaged, hourly trajectories of the indicated energetic parameters that were captured during two dark/light cycles in young (n=8), adult (n=22), and old (n=18) mice.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Age group | AUC | SEM | 95% CI |
| VO2 (mL/hr) | Young  Adult  Old | 564.6  862.6\*\*  574.1††† | 51.35  51.61  44.18 | 464-665  761.4-963.7  487.5-660.7 |
| VCO2 (mL/hr) | Young  Adult  Old | 533.2  750.1\*  639.2 | 44.29  43.3  48.55 | 446.4-620  665.2-834.9  544.1-734.4 |
| EE (kcal/hr) | Young  Adult  Old | 3.077  4.506\*\*  3.255†† | 0.255  0.246  0.237 | 2.577-3.576  4.024-4.989  2.789-3.72 |
| Ambulation (counts) | Young  Adult  Old | 11072  9827  5802§,† | 1137  1228  771.4 | 8843-13301  7419-12234  4290-7314 |
|  |  |  |  |  |

\*, \*\*, \*\*\* p< 0.05, < 0.01, < 0.001 (Adult vs. Young)

†, ††, ††† p< 0.05, < 0.01, < 0.001 (Old vs. Adult)

§, p< 0.05 (Old vs. Young).