**Supplementary Table 2.** **Correlations between CTmin and CTmax from this study and life-history traits and thermal tolerance measures found in literature.** Bold values denote statistical significance at the p-value < 0.05 level.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   |   |   | **CTmin** | **CTmax** |
|   |  |   | **Males** | **Females** | **Males** | **Females** |
|   |   |   | **r** | **p** | **r** | **p** | **r** | **p** | **r** | **p** |
| Durham et al., 2014 | **Lifespan** | **Females** |   |   | -0.03 | 0.913 |   |   | 0.13 | 0.579 |
| **Fecundity** |  |   |   | 0.03 | 0.9 |  |  | 0.31 | 0.179 |
| Mackay et al., 2012 | **Chill coma recovery**  | **Males**  | 0.13 | 0.584 |   |   | -0.31 | 0.177 |  |   |
| **Females** |   |   | 0.04 | 0.862 |   |   | -0.32 | 0.155 |
| Gerken et al., 2015 | **Rapid cold hardening** | **Males** | 0.01 | 0.968 |   |   |   |   |   |   |
| **Females** |   |   | -0.07 | 0.764 |   |   |  |  |
| **Chronic cold exposure**  | **Males** | 0.02 | 0.945 |   |   |   |   |   |   |
| **Females** |   |   | 0.11 | 0.634 |   |   |   |   |
| **Acute cold exposure**  | **Males** | 0.18 | 0.442 |  |   |  |   |  |   |
| **Females** |   |   | 0.05 | 0.827 |   |   |   |   |
| Teets and Hahn, 2018 | **Cumulative cold tolerance**  | **Females** |   |   | -0.19 | 0.419 |   |   |   |   |
| Rohde et al., 2016 | **Heat knockdown time**  | **Females** |   |   |   |   |   |   | 0.12 | 0.616 |
| Ørsted et al., 2018 | **CTmin** | **Males** | **0.6** | **0.004** | **0.61** | **0.003** |   |   |   |   |
| Rolandi et al., 2018 | **CTmax** | **Males**  |  |   |   |   | **0.59** | **0.005** | **0.55** | **0.01** |
| **Females** |   |   |   |   | 0.41 | 0.068 | 0.26 | 0.247 |