**Table 3 – source data 1**.

a)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***T*°C** | ***Mating duration\**** | | | | ***Remating latency\**** | | | |
| *T ratio* | *Df* | *p* | *Estimate +/- SE* | *T ratio* | *Df* | *p* | *Estimate +/- SE* |
| 20° | 1.7 | 1232 | 0.08 | 0.05±0.02 | 1.109 | 1087 | 0.268 | 66.7±60.1 |
| 24° | 2.98 | 1232 | **0.002** | 0.08±0.02 | -0.071 | 1087 | 0.943 | -4.5±62.6 |
| 28° | 5.74 | 1232 | **<0.001** | 0.17±0.02 | 2.969 | 1087 | **0.003** | 183.2±61.7 |

\*Results are averaged over the levels of treatment duration

b)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***T*°C** | ***Mating duration\**** | | | | ***Remating latency\**** | | | |
| *T ratio* | *Df* | *p* | *Estimate +/- SE* | *T ratio* | *Df* | *p* | *Estimate +/- SE* |
| 20° | -1.4 | 1232 | 0.143 | -0.04±0.03 | -0.022 | 1087 | 0.982 | -1.32±60.1 |
| 24° | -1.9 | 1232 | **0.046** | -0.05±0.03 | -0.216 | 1087 | 0.828 | -13.5±62.6 |
| 28° | -0.8 | 1232 | 0.41 | -0.02±0.03 | -3.259 | 1087 | **0.001** | -201.1±61.7 |

\*Results are averaged over the levels of sperm competition risk

c)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Treatment***  ***duration*** | ***Mating duration\**** | | | |
| *T ratio* | *Df* | *p* | *Estimate +/- SE* |
| Short (48 hours) | 2.41 | 1232 | **0.016** | 0.06±0.02 |
| Long (13 days) | 6.33 | 1232 | **<0.001** | 0.143±0.02 |

\*Results are averaged over the levels of temperature