**Table 1 – source data 1**.

a)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***T*°C** | ***LRS*** | | | | ***Reproductive ageing*** | | | | ***Actuarial ageing*** | | | |
| *T ratio* | *Df* | *p* | *Estimate +/- SE* | *T ratio* | *Df* | *p* | *Estimate +/- SE* | *T ratio* | *Df* | *p* | *Estimate +/- SE* |
| 20° | 2.31 | 422 | **0.022** | 3.73±1.6 | -2.9 | 422 | **0.004** | -16±5.5 | 8.05 | 425 | **<0.001** | 14.9±1.8 |
| 24° | 3.66 | 422 | **<0.001** | 5.99±1.6 | -6.19 | 422 | **<0.001** | -34.4±5.6 | 5.2 | 425 | **<0.001** | 9.69±1.8 |
| 28° | 1.35 | 422 | 0.177 | 2.27±1.7 | -4.16 | 422 | **<0.001** | -23.8±5.7 | 3.12 | 425 | **0.002** | 5.95±1.9 |

b)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***T*°C** | ***Courtship rate*** | | | | ***Rejection rate*** | | | |
| *T ratio* | *Df* | *p* | *Estimate +/- SE* | *T ratio* | *Df* | *p* | *Estimate +/- SE* |
| 20° | 0.14 | 438 | 0.891 | 0.25±1.8 | -0.48 | 438 | 0.628 | -0.07±0.14 |
| 24° | -5.25 | 438 | **<0.001** | -9.66±1.8 | -3.6 | 438 | **<0.001** | -0.5±0.14 |
| 28° | -5.91 | 438 | **<0.001** | -11.0±1.9 | -4.15 | 438 | **<0.001** | -0.62±0.15 |