**Table 1:** Final Germination Temperatures for species A & B

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Grouping | Treatment | method | x | n | mean | lower | upper |
| A | 11.25 | logit | 0 | 25 | 0 | 0.00 | 0.14 |
| A | 13.75 | logit | 0 | 25 | 0 | 0.00 | 0.14 |
| A | 16.25 | logit | 0 | 25 | 0 | 0.00 | 0.14 |
| A | 18.75 | logit | 7 | 25 | 0.28 | 0.14 | 0.48 |
| A | 21.25 | logit | 7 | 25 | 0.28 | 0.14 | 0.48 |
| A | 23.75 | logit | 22 | 25 | 0.88 | 0.69 | 0.96 |
| A | 26.25 | logit | 22 | 25 | 0.88 | 0.69 | 0.96 |
| A | 28.75 | logit | 25 | 25 | 1 | 0.86 | 1.00 |
| A | 31.25 | logit | 19 | 20 | 0.95 | 0.72 | 0.99 |
| A | 33.75 | logit | 9 | 25 | 0.36 | 0.20 | 0.56 |
| B | 13.75 | logit | 0 | 25 | 0 | 0.00 | 0.14 |
| B | 16.25 | logit | 2 | 25 | 0.08 | 0.02 | 0.27 |
| B | 18.75 | logit | 17 | 25 | 0.68 | 0.48 | 0.83 |
| B | 21.25 | logit | 24 | 25 | 0.96 | 0.76 | 0.99 |
| B | 23.75 | logit | 25 | 25 | 1 | 0.86 | 1.00 |
| B | 26.25 | logit | 0 | 25 | 0 | 0.00 | 0.14 |
| B | 28.75 | logit | 0 | 25 | 0 | 0.00 | 0.14 |
| B | 31.25 | logit | 0 | 25 | 0 | 0.00 | 0.14 |

**Table 2:** Germination Rates for species A & B

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Grouping | | Treatment | | Times | | Std. Error | Rates | | Decils |
| A | 18.75 | | 14.36 | | 6.46 | | | 0.07 | t10 |
| A | 18.75 | | 23.90 | | 6.44 | | | 0.04 | t20 |
| A | 18.75 | | 33.54 | | 9.80 | | | 0.03 | t30 |
| A | 18.75 | | 44.27 | | 17.43 | | | 0.02 | t40 |
| A | 18.75 | | 57.12 | | 29.45 | | | 0.02 | t50 |
| A | 18.75 | | 73.69 | | 47.84 | | | 0.01 | t60 |
| A | 18.75 | | 97.27 | | 77.94 | | | 0.01 | t70 |
| A | 18.75 | | 136.48 | | 135.33 | | | 0.01 | t80 |
| A | 18.75 | | 227.18 | | 291.45 | | | 0.00 | t90 |
| A | 21.25 | | 8.22 | | 6.62 | | | 0.12 | t10 |
| A | 21.25 | | 18.48 | | 7.71 | | | 0.05 | t20 |
| A | 21.25 | | 31.68 | | 13.57 | | | 0.03 | t30 |
| A | 21.25 | | 49.26 | | 30.55 | | | 0.02 | t40 |
| A | 21.25 | | 73.87 | | 62.80 | | | 0.01 | t50 |
| A | 21.25 | | 110.79 | | 121.75 | | | 0.01 | t60 |
| A | 21.25 | | 172.29 | | 237.71 | | | 0.01 | t70 |
| A | 21.25 | | 295.26 | | 510.44 | | | 0.00 | t80 |
| A | 21.25 | | 664.03 | | 1501.11 | | | 0.00 | t90 |
| A | 23.75 | | 7.14 | | 2.92 | | | 0.14 | t10 |
| A | 23.75 | | 10.29 | | 3.09 | | | 0.10 | t20 |
| A | 23.75 | | 13.12 | | 3.10 | | | 0.08 | t30 |
| A | 23.75 | | 16.01 | | 3.12 | | | 0.06 | t40 |
| A | 23.75 | | 19.22 | | 3.31 | | | 0.05 | t50 |
| A | 23.75 | | 23.07 | | 3.92 | | | 0.04 | t60 |
| A | 23.75 | | 28.15 | | 5.40 | | | 0.04 | t70 |
| A | 23.75 | | 35.89 | | 8.69 | | | 0.03 | t80 |
| A | 23.75 | | 51.71 | | 17.68 | | | 0.02 | t90 |
| A | 26.25 | | 8.40 | | 2.60 | | | 0.12 | t10 |
| A | 26.25 | | 11.01 | | 2.61 | | | 0.09 | t20 |
| A | 26.25 | | 13.18 | | 2.57 | | | 0.08 | t30 |
| A | 26.25 | | 15.28 | | 2.54 | | | 0.07 | t40 |
| A | 26.25 | | 17.49 | | 2.58 | | | 0.06 | t50 |
| A | 26.25 | | 20.03 | | 2.80 | | | 0.05 | t60 |
| A | 26.25 | | 23.22 | | 3.38 | | | 0.04 | t70 |
| A | 26.25 | | 27.79 | | 4.72 | | | 0.04 | t80 |
| A | 26.25 | | 36.44 | | 8.33 | | | 0.03 | t90 |
| A | 28.75 | | 11.91 | | 2.33 | | | 0.08 | t10 |
| A | 28.75 | | 13.99 | | 2.17 | | | 0.07 | t20 |
| A | 28.75 | | 15.57 | | 2.05 | | | 0.06 | t30 |
| A | 28.75 | | 17.00 | | 1.98 | | | 0.06 | t40 |
| A | 28.75 | | 18.43 | | 1.97 | | | 0.05 | t50 |
| A | 28.75 | | 19.97 | | 2.05 | | | 0.05 | t60 |
| A | 28.75 | | 21.81 | | 2.28 | | | 0.05 | t70 |
| A | 28.75 | | 24.27 | | 2.83 | | | 0.04 | t80 |
| A | 28.75 | | 28.52 | | 4.21 | | | 0.04 | t90 |
| A | 31.25 | | 14.41 | | 3.64 | | | 0.07 | t10 |
| A | 31.25 | | 18.39 | | 3.34 | | | 0.05 | t20 |
| A | 31.25 | | 21.62 | | 3.11 | | | 0.05 | t30 |
| A | 31.25 | | 24.69 | | 3.08 | | | 0.04 | t40 |
| A | 31.25 | | 27.89 | | 3.39 | | | 0.04 | t50 |
| A | 31.25 | | 31.50 | | 4.19 | | | 0.03 | t60 |
| A | 31.25 | | 35.98 | | 5.70 | | | 0.03 | t70 |
| A | 31.25 | | 42.30 | | 8.48 | | | 0.02 | t80 |
| A | 31.25 | | 53.98 | | 14.79 | | | 0.02 | t90 |
| A | 33.75 | | 31.48 | | 3.73 | | | 0.03 | t10 |
| A | 33.75 | | 35.09 | | 2.99 | | | 0.03 | t20 |
| A | 33.75 | | 37.71 | | 3.14 | | | 0.03 | t30 |
| A | 33.75 | | 40.00 | | 3.83 | | | 0.02 | t40 |
| A | 33.75 | | 42.23 | | 4.86 | | | 0.02 | t50 |
| A | 33.75 | | 44.58 | | 6.18 | | | 0.02 | t60 |
| A | 33.75 | | 47.29 | | 7.90 | | | 0.02 | t70 |
| A | 33.75 | | 50.83 | | 10.36 | | | 0.02 | t80 |
| A | 33.75 | | 56.65 | | 14.82 | | | 0.02 | t90 |
| B | 16.25 | | 39.13 | | 22.77 | | | 0.03 | t10 |
| B | 16.25 | | 66.78 | | 69.47 | | | 0.01 | t20 |
| B | 16.25 | | 95.27 | | 133.33 | | | 0.01 | t30 |
| B | 16.25 | | 127.48 | | 217.27 | | | 0.01 | t40 |
| B | 16.25 | | 166.55 | | 331.15 | | | 0.01 | t50 |
| B | 16.25 | | 217.58 | | 494.97 | | | 0.00 | t60 |
| B | 16.25 | | 291.15 | | 753.79 | | | 0.00 | t70 |
| B | 16.25 | | 415.37 | | 1235.31 | | | 0.00 | t80 |
| B | 16.25 | | 708.94 | | 2520.67 | | | 0.00 | t90 |
| B | 18.75 | | 5.38 | | 2.84 | | | 0.19 | t10 |
| B | 18.75 | | 8.50 | | 3.22 | | | 0.12 | t20 |
| B | 18.75 | | 11.51 | | 3.36 | | | 0.09 | t30 |
| B | 18.75 | | 14.76 | | 3.47 | | | 0.07 | t40 |
| B | 18.75 | | 18.55 | | 3.79 | | | 0.05 | t50 |
| B | 18.75 | | 23.30 | | 4.77 | | | 0.04 | t60 |
| B | 18.75 | | 29.88 | | 7.17 | | | 0.03 | t70 |
| B | 18.75 | | 40.47 | | 12.69 | | | 0.02 | t80 |
| B | 18.75 | | 63.89 | | 28.93 | | | 0.02 | t90 |
| B | 21.25 | | 5.62 | | 1.74 | | | 0.18 | t10 |
| B | 21.25 | | 7.01 | | 1.75 | | | 0.14 | t20 |
| B | 21.25 | | 8.12 | | 1.74 | | | 0.12 | t30 |
| B | 21.25 | | 9.17 | | 1.73 | | | 0.11 | t40 |
| B | 21.25 | | 10.24 | | 1.75 | | | 0.10 | t50 |
| B | 21.25 | | 11.44 | | 1.82 | | | 0.09 | t60 |
| B | 21.25 | | 12.91 | | 2.01 | | | 0.08 | t70 |
| B | 21.25 | | 14.97 | | 2.46 | | | 0.07 | t80 |
| B | 21.25 | | 18.68 | | 3.74 | | | 0.05 | t90 |
| B | 23.75 | | 7.16 | | 1.10 | | | 0.14 | t10 |
| B | 23.75 | | 7.59 | | 0.94 | | | 0.13 | t20 |
| B | 23.75 | | 7.89 | | 0.85 | | | 0.13 | t30 |
| B | 23.75 | | 8.15 | | 0.80 | | | 0.12 | t40 |
| B | 23.75 | | 8.39 | | 0.78 | | | 0.12 | t50 |
| B | 23.75 | | 8.64 | | 0.80 | | | 0.12 | t60 |
| B | 23.75 | | 8.92 | | 0.87 | | | 0.11 | t70 |
| B | 23.75 | | 9.27 | | 1.01 | | | 0.11 | t80 |
| B | 23.75 | | 9.83 | | 1.33 | | | 0.10 | t90 |

**Table 3:** Cardinal Temperatures for species A) derived from the segmented model.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Grouping | Decils | Tb | To | Tc |
| A | t10 | 15.41 | 22.74 | 37.09 |
| A | t20 | 15.43 | 24.80 | 37.51 |
| A | t30 | 16.31 | 25.36 | 38.02 |
| A | t40 | 16.85 | 25.76 | 38.49 |
| A | t50 | 16.92 | 27.05 | 37.44 |
| A | t60 | 17.45 | 27.31 | 37.52 |
| A | t70 | 17.88 | 27.58 | 37.64 |
| A | t80 | 18.28 | 27.91 | 37.79 |
| A | t90 | 18.71 | 28.40 | 38.07 |