**Table S1.** Coefficients of attack rate (*a*), estimated handling times (Th) and maximum attack rates (T/Th) of each simulated curve using a 100/10 samples/curves ratio. hS21: handling times at 21ºC; hS24: handling times at 24ºC; hS27: handling times at 27ºC; aS21: attack rates at 21ºC; aS24: attack rates at 24ºC; aS27: attack rates at 27ºC; MAR21: maximum attack rates at 21ºC; MAR24: maximum attack rates at 24ºC; MAR27: maximum attack rates at 27ºC.



**Table S2.** Coefficients of attack rate (*a*), estimated handling times (Th) and maximum attack rates (T/Th) of each simulated curve using a 10/100 samples/curves ratio. hS21: handling times at 21ºC; hS24: handling times at 24ºC; hS27: handling times at 27ºC; aS21: attack rates at 21ºC; aS24: attack rates at 24ºC; aS27: attack rates at 27ºC; MAR21: maximum attack rates at 21ºC; MAR24: maximum attack rates at 24ºC; MAR27: maximum attack rates at 27ºC.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Curve** | **hS21** | **hS24** | **hS27** | **aS21** | **aS24** | **aS27** | **MAR21** | **MAR24** | **MAR27** |
| 1 | 2.55 | 1.66 | 0.48 | 0.04 | 0.03 | 0.03 | 9.41 | 14.46 | 50.00 |
| 2 | 2.85 | 2.03 | 0.00 | 0.07 | 0.02 | 0.03 | 8.42 | 11.82 | 27.91 |
| 3 | 2.93 | 1.61 | 0.86 | 0.06 | 0.03 | 0.03 | 8.19 | 14.91 | 45.28 |
| 4 | 2.53 | 1.79 | 0.53 | 0.05 | 0.03 | 0.02 | 9.49 | 13.41 | 33.80 |
| 5 | 2.93 | 0.00 | 0.71 | 0.05 | 0.04 | 0.03 | 8.19 | 11.43 | 24.49 |
| 6 | 2.35 | 2.10 | 0.98 | 0.05 | 0.03 | 0.03 | 10.21 | 20.87 | 21.05 |
| 7 | 2.52 | 1.15 | 1.14 | 0.05 | 0.02 | 0.03 | 9.52 | 29.63 | 23.30 |
| 8 | 2.02 | 0.81 | 1.03 | 0.05 | 0.04 | 0.03 | 11.88 | 12.97 | 26.97 |
| 9 | 2.72 | 1.85 | 0.89 | 0.05 | 0.03 | 0.02 | 8.82 | 9.80 | 29.63 |
| 10 | 2.67 | 2.45 | 0.81 | 0.05 | 0.03 | 0.03 | 8.99 | 14.20 | 28.24 |
| 11 | 0.00 | 1.69 | 0.85 | 0.04 | 0.03 | 0.02 | 10.57 | 51.06 | 57.14 |
| 12 | 2.27 | 0.47 | 0.00 | 0.07 | 0.03 | 0.05 | 6.33 | 17.52 | 19.05 |
| 13 | 3.79 | 1.37 | 0.42 | 0.07 | 0.04 | 0.03 | 9.20 | 21.43 | 23.76 |
| 14 | 2.61 | 1.12 | 1.26 | 0.06 | 0.02 | 0.02 | 11.06 | 15.00 | 31.17 |
| 15 | 2.17 | 1.60 | 1.01 | 0.05 | 0.04 | 0.03 | 9.49 | 18.05 | 34.78 |
| 16 | 2.53 | 1.33 | 0.77 | 0.05 | 0.04 | 0.03 | 10.62 | 22.86 | 54.55 |
| 17 | 2.26 | 1.05 | 0.69 | 0.07 | 0.04 | 0.03 | 10.86 | 19.05 | 17.52 |
| 18 | 2.21 | 1.26 | 0.44 | 0.05 | 0.03 | 0.03 | 8.48 | 28.92 | 34.29 |
| 19 | 2.83 | 0.83 | 0.00 | 0.05 | 0.03 | 0.03 | 9.49 | 35.29 | 50.00 |
| 20 | 2.53 | 0.68 | 1.37 | 0.05 | 0.03 | 0.02 | 8.66 | 18.60 | 38.10 |
| 21 | 2.77 | 1.29 | 0.70 | 0.05 | 0.04 | 0.03 | 9.76 | 240.00 | 39.34 |
| 22 | 2.46 | 0.10 | 0.48 | 0.05 | 0.04 | 0.02 | 15.38 | 19.67 | 55.81 |
| 23 | 1.56 | 1.22 | 0.63 | 0.07 | 0.02 | 0.03 | 7.50 | 20.69 | 17.02 |
| 24 | 3.20 | 1.16 | 0.61 | 0.06 | 0.03 | 0.04 | 7.00 | 18.32 | 23.30 |
| 25 | 3.43 | 1.31 | 0.00 | 0.05 | 0.03 | 0.05 | 8.99 | 8.89 | 60.00 |
| 26 | 2.67 | 2.70 | 0.43 | 0.06 | 0.03 | 0.04 | 9.80 | 27.27 | 22.22 |
| 27 | 2.45 | 0.88 | 1.41 | 0.06 | 0.03 | 0.03 | 8.96 | 17.52 | 30.38 |
| 28 | 2.68 | 1.37 | 1.03 | 0.05 | 0.04 | 0.03 | 8.05 | 17.02 | 35.82 |
| 29 | 2.98 | 1.41 | 0.40 | 0.05 | 0.03 | 0.02 | 7.14 | 30.38 | 23.08 |
| 30 | 3.36 | 0.79 | 1.08 | 0.04 | 0.02 | 0.02 | 8.89 | 22.64 | 37.50 |
| 31 | 2.70 | 1.06 | 0.79 | 0.05 | 0.03 | 0.03 | 11.37 | 26.09 | 40.68 |
| 32 | 2.11 | 0.92 | 0.00 | 0.07 | 0.02 | 0.03 | 8.89 | 22.43 | 24.24 |
| 33 | 2.70 | 1.07 | 0.67 | 0.05 | 0.04 | 0.02 | 12.97 | 13.56 | 24.00 |
| 34 | 1.85 | 1.77 | 1.04 | 0.05 | 0.04 | 0.02 | 9.13 | 12.24 | 36.36 |
| 35 | 0.00 | 1.96 | 0.64 | 0.05 | 0.03 | 0.03 | 8.99 | 13.64 | 47.06 |
| 36 | 0.00 | 1.76 | 0.60 | 0.10 | 0.03 | 0.03 | 9.92 | 15.19 | 40.00 |
| 37 | 2.63 | 1.58 | 0.99 | 0.06 | 0.03 | 0.03 | 9.96 | 18.18 | 46.15 |
| 38 | 2.67 | 1.32 | 1.00 | 0.07 | 0.04 | 0.02 | 9.13 | 17.27 | 300.00 |
| 39 | 2.42 | 1.39 | 0.66 | 0.06 | 0.03 | 0.03 | 8.99 | 27.27 | 18.18 |
| 40 | 2.41 | 0.88 | 0.51 | 0.04 | 0.03 | 0.02 | 15.09 | 16.67 | 35.29 |
| 41 | 2.63 | 1.44 | 0.60 | 0.04 | 0.04 | 0.03 | 11.06 | 14.91 | 24.74 |
| 42 | 2.67 | 1.61 | 0.52 | 0.06 | 0.03 | 0.03 | 10.13 | 12.00 | 42.86 |
| 43 | 1.59 | 2.00 | 0.08 | 0.04 | 0.02 | 0.03 | 13.19 | 12.44 | 77.42 |
| 44 | 0.00 | 1.93 | 1.32 | 0.04 | 0.03 | 0.02 | 9.49 | 18.46 | 37.50 |
| 45 | 2.17 | 0.00 | 0.68 | 0.05 | 0.04 | 0.03 | 10.67 | 13.04 | 40.00 |
| 46 | 2.37 | 1.30 | 0.00 | 0.05 | 0.03 | 0.02 | 9.27 | 15.19 | 30.77 |
| 47 | 1.82 | 1.84 | 0.97 | 0.07 | 0.02 | 0.03 | 300.00 | 12.18 | 35.29 |
| 48 | 2.53 | 1.58 | 0.56 | 0.05 | 0.04 | 0.03 | 10.71 | 13.79 | 77.42 |
| 49 | 2.25 | 0.00 | 0.31 | 0.02 | 0.03 | 0.03 | 9.76 | 22.43 | 32.88 |
| 50 | 2.59 | 1.97 | 0.64 | 0.06 | 0.03 | 0.02 | 11.82 | 16.78 | 400.00 |
| 51 | 0.08 | 1.74 | 0.60 | 0.01 | 0.03 | 0.02 | 8.54 | 15.79 | 23.53 |
| 52 | 2.24 | 1.07 | 0.00 | 0.04 | 0.02 | 0.03 | 10.08 | 23.08 | 30.38 |
| 53 | 2.46 | 1.43 | 0.78 | 0.05 | 0.03 | 0.03 | 8.30 | 38.71 | 36.92 |
| 54 | 2.03 | 1.52 | 0.68 | 0.04 | 0.03 | 0.03 | 10.39 | 23.76 | 29.63 |
| 55 | 2.81 | 1.04 | 0.31 | 0.06 | 0.04 | 0.03 | 9.92 | 24.00 | 30.77 |
| 56 | 2.38 | 0.62 | 0.73 | 0.03 | 0.03 | 0.03 | 11.43 | 27.27 | 21.24 |
| 57 | 2.89 | 1.01 | 0.06 | 0.04 | 0.03 | 0.04 | 9.76 | 15.29 | 31.58 |
| 58 | 2.31 | 1.00 | 1.02 | 0.04 | 0.02 | 0.03 | 10.57 | 23.30 | 28.24 |
| 59 | 2.42 | 0.88 | 0.79 | 0.05 | 0.04 | 0.03 | 11.27 | 13.87 | 51.06 |
| 60 | 2.10 | 1.57 | 0.65 | 0.01 | 0.03 | 0.03 | 8.63 | 13.87 | 19.67 |
| 61 | 2.46 | 1.03 | 0.81 | 0.05 | 0.04 | 0.04 | 9.76 | 14.63 | 63.16 |
| 62 | 2.27 | 1.73 | 0.78 | 0.06 | 0.02 | 0.05 | 8.25 | 11.27 | 26.67 |
| 63 | 2.13 | 1.73 | 1.13 | 0.05 | 0.02 | 0.04 | 8.73 | 18.18 | 22.86 |
| 64 | 2.78 | 1.64 | 0.76 | 0.01 | 0.03 | 0.03 | 8.08 | 16.00 | 25.00 |
| 65 | 2.46 | 2.13 | 0.85 | 0.06 | 0.04 | 0.03 | 9.45 | 1200.00 | 30.38 |
| 66 | 2.91 | 1.32 | 0.47 | 0.07 | 0.04 | 0.03 | 10.71 | 33.80 | 22.64 |
| 67 | 2.75 | 1.50 | 1.22 | 0.06 | 0.03 | 0.02 | 12.24 | 19.35 | 41.38 |
| 68 | 2.97 | 0.02 | 0.38 | 0.04 | 0.03 | 0.03 | 12.06 | 13.95 | 43.64 |
| 69 | 2.54 | 0.71 | 0.90 | 0.06 | 0.03 | 0.03 | 7.25 | 19.20 | 52.17 |
| 70 | 2.24 | 1.24 | 1.05 | 0.08 | 0.03 | 0.03 | 9.30 | 17.39 | 30.38 |
| 71 | 1.96 | 1.72 | 0.96 | 0.03 | 0.03 | 0.04 | 12.06 | 21.24 | 22.64 |
| 72 | 1.99 | 1.25 | 0.79 | 0.05 | 0.03 | 0.02 | 11.32 | 18.18 | 47.06 |
| 73 | 3.31 | 1.38 | 1.06 | 0.05 | 0.02 | 0.04 | 8.63 | 13.33 | 38.10 |
| 74 | 2.58 | 1.13 | 0.58 | 0.05 | 0.03 | 0.03 | 8.57 | 16.67 | 28.57 |
| 75 | 1.99 | 1.32 | 0.55 | 0.05 | 0.04 | 0.02 | 9.96 | 13.79 | 32.00 |
| 76 | 2.12 | 1.80 | 0.46 | 0.05 | 0.02 | 0.04 | 10.21 | 15.19 | 35.82 |
| 77 | 2.78 | 1.44 | 0.00 | 0.03 | 0.05 | 0.03 | 9.84 | 13.26 | 47.06 |
| 78 | 2.80 | 1.74 | 0.79 | 0.06 | 0.03 | 0.04 | 8.05 | 26.67 | 26.37 |
| 79 | 2.41 | 1.58 | 1.06 | 0.02 | 0.04 | 0.04 | 12.18 | 32.00 | 31.17 |
| 80 | 2.35 | 1.81 | 0.51 | 0.03 | 0.03 | 0.03 | 9.56 | 240.00 | 63.16 |
| 81 | 2.44 | 0.90 | 0.63 | 0.03 | 0.03 | 0.04 | 9.64 | 15.19 | 35.29 |
| 82 | 2.98 | 0.75 | 0.84 | 0.05 | 0.02 | 0.02 | 12.50 | 24.00 | 25.81 |
| 83 | 1.97 | 0.10 | 0.75 | 0.04 | 0.03 | 0.02 | 8.73 | 15.69 | 32.88 |
| 84 | 2.51 | 1.58 | 0.67 | 0.05 | 0.02 | 0.03 | 9.27 | 14.55 | 25.81 |
| 85 | 2.49 | 1.00 | 0.51 | 0.06 | 0.02 | 0.03 | 8.63 | 20.69 | 24.00 |
| 86 | 1.92 | 1.53 | 0.91 | 0.05 | 0.04 | 0.02 | 8.79 | 16.44 | 27.27 |
| 87 | 2.75 | 1.65 | 0.00 | 0.04 | 0.04 | 0.03 | 7.21 | 19.35 | 25.81 |
| 88 | 2.59 | 1.16 | 0.77 | 0.05 | 0.04 | 0.03 | 12.31 | 9.96 | 57.14 |
| 89 | 2.78 | 1.46 | 0.38 | 0.07 | 0.04 | 0.02 | 12.31 | 13.95 | 48.00 |
| 90 | 2.73 | 1.24 | 0.68 | 0.05 | 0.02 | 0.03 | 8.79 | 15.00 | 20.87 |
| 91 | 3.33 | 2.41 | 0.93 | 0.04 | 0.02 | 0.04 | 9.56 | 10.81 | 21.82 |
| 92 | 1.95 | 1.72 | 0.73 | 0.06 | 0.03 | 0.03 | 9.20 | 25.00 | 63.16 |
| 93 | 1.95 | 1.60 | 0.93 | 0.10 | 0.04 | 0.02 | 8.39 | 1200.00 | 41.38 |
| 94 | 2.73 | 2.22 | 1.00 | 0.05 | 0.04 | 0.03 | 7.57 | 17.91 | 47.06 |
| 95 | 2.51 | 0.96 | 0.88 | 0.07 | 0.03 | 0.03 | 9.06 | 26.37 | 29.63 |
| 96 | 2.61 | 0.02 | 0.93 | 0.03 | 0.03 | 0.03 | 9.30 | 23.76 | 18.75 |
| 97 | 2.86 | 1.34 | 0.42 | 0.05 | 0.04 | 0.04 | 8.03 | 17.27 | 23.08 |
| 98 | 3.17 | 0.91 | 0.50 | 0.04 | 0.04 | 0.03 | 8.30 | 16.00 | 29.63 |
| 99 | 2.65 | 1.01 | 1.15 | 0.03 | 0.03 | 0.02 | 11.06 | 18.32 | 126.32 |
| 100 | 2.58 | 1.39 | 1.10 | 0.06 | 0.05 | 0.03 | 7.95 | 22.86 | 23.08 |