Table 1S. Calculated model parameters and statistical parameters for Henderson-Pabis model

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| T[°C] | p[mbar] | Adjustable coefficients | *R*2 | AARD [%] | RMSE | *χ*2 |
|  |  | a | k |  |  |  |  |
| 50 | 20 | 1.12 | 0.1512 | 0.9241 | 12.42 | 0.0660 | 0.0015 |
| 65 | 1.08 | 0.0689 | 0.9641 | 5.33 | 0.0372 | 0.0005 |
| 110 | 1.04 | 0.0398 | 0.9794 | 1.62 | 0.0157 | 0.0002 |
| 155 | 1.06 | 0.0497 | 0.9803 | 2.38 | 0.0213 | 0.0003 |
| 200 | 1.01 | 0.0187 | 0.9897 | 0.52 | 0.0054 | 0.0001 |
| 55 | 20 | 1.12 | 0.1328 | 0.9369 | 12.41 | 0.0631 | 0.0011 |
| 65 | 1.02 | 0.0467 | 0.9970 | 0.92 | 0.0078 | 0.0001 |
| 110 | 1.01 | 0.0308 | 0.9985 | 0.47 | 0.0045 | 0.0000 |
| 155 | 1.00 | 0.0114 | 0.9849 | 0.58 | 0.0061 | 0.0001 |
| 200 | 1.00 | 0.0099 | 0.9951 | 0.22 | 0.0026 | 0.0000 |
| 60 | 20 | 1.10 | 0.1578 | 0.9472 | 10.86 | 0.0516 | 0.0000 |
| 20 | 1.09 | 0.1311 | 0.9421 | 8.58 | 0.0523 | 0.0011 |
| 20 | 1.11 | 0.1490 | 0.9402 | 10.58 | 0.0586 | 0.0013 |
| 65 | 1.05 | 0.0937 | 0.9840 | 3.75 | 0.0249 | 0.0004 |
| 110 | 1.02 | 0.0605 | 0.9978 | 0.75 | 0.0070 | 0.0001 |
| 155 | 0.99 | 0.0365 | 0.9966 | 0.60 | 0.0064 | 0.0001 |
| 200 | 1.01 | 0.0273 | 0.9982 | 0.44 | 0.0042 | 0.0000 |
| 65 | 20 | 1.13 | 0.1861 | 0.9456 | 17.83 | 0.0650 | 0.0013 |
| 65 | 1.03 | 0.0870 | 0.9930 | 1.90 | 0.0139 | 0.0003 |
| 110 | 1.04 | 0.0636 | 0.9912 | 2.03 | 0.0159 | 0.0002 |
| 155 | 1.02 | 0.0545 | 0.9976 | 0.91 | 0.0076 | 0.0001 |
| 200 | 1.00 | 0.0314 | 0.9964 | 0.52 | 0.0055 | 0.0001 |
| 70 | 20 | 1.14 | 0.1897 | 0.9304 | 18.16 | 0.0727 | 0.0016 |
| 65 | 1.10 | 0.1315 | 0.9655 | 8.43 | 0.0447 | 0.0008 |
| 110 | 1.06 | 0.0853 | 0.9843 | 3.79 | 0.0251 | 0.0004 |
| 155 | 1.06 | 0.0585 | 0.9891 | 1.52 | 0.0131 | 0.0002 |
| 200 | 1.02 | 0.0637 | 0.9981 | 0.84 | 0.0069 | 0.0001 |

Table 2S. Calculated model parameters and statistical parameters for Modified Henderson-Pabis model

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| T[°C] | p[mbar] | Adjustable coefficients | *R*2 | AARD [%] | RMSE | *χ*2 |
|  |  | a | k | b | g | c | h |  |  |  |  |
| 50 | 20 | 0.3713 | 0.1512 | 0.3701 | 0.1512 | 0.3739 | 0.1512 | 0.9241 | 12.42 | 0.0660 | 0.0017 |
| 65 | 0.4269 | 0.0689 | 0.2045 | 0.0689 | 0.4478 | 0.0689 | 0.9642 | 5.33 | 0.0372 | 0.0005 |
| 110 | 0.3449 | 0.0398 | 0.3448 | 0.0398 | 0.3457 | 0.0398 | 0.9794 | 1.62 | 0.0157 | 0.0003 |
| 155 | 0.3514 | 0.0497 | 0.3534 | 0.0497 | 0.3583 | 0.0497 | 0.9803 | 2.38 | 0.0213 | 0.0003 |
| 200 | 0.1622 | -0.0417 | 0.4231 | 0.0360 | 0.4285 | 0.0360 | 0.9955 | 0.28 | 0.0035 | 0.0001 |
| 55 | 20 | 0.3729 | 0.1328 | 0.3733 | 0.1328 | 0.3731 | 0.1328 | 0.9369 | 12.41 | 0.0631 | 0.0012 |
| 65 | 0.4433 | 0.0467 | 0.2771 | 0.0467 | 0.2995 | 0.0467 | 0.9970 | 0.92 | 0.0078 | 0.0001 |
| 110 | 0.3503 | 0.0308 | 0.3368 | 0.0308 | 0.3213 | 0.0308 | 0.9985 | 0.47 | 0.0045 | 0.0000 |
| 155 | 0.3334 | 0.0114 | 0.3317 | 0.0114 | 0.3320 | 0.0114 | 0.9849 | 0.50 | 0.0061 | 0.0001 |
| 200 | 0.1356 | 0.0589 | 0.3615 | 0.0045 | 0.5035 | 0.0046 | 0.9974 | 0.17 | 0.0019 | 0.0000 |
| 60 | 20 | 0.3677 | 0.1518 | 0.3677 | 0.1518 | 0.3638 | 0.1518 | 0.9472 | 10.86 | 0.0557 | 0.0013 |
| 20 | 0.3691 | 0.1310 | 0.3533 | 0.1311 | 0.3648 | 0.1312 | 0.9421 | 8.58 | 0.0523 | 0.0012 |
| 20 | 0.3685 | 0.1490 | 0.3698 | 0.1490 | 0.3742 | 0.1490 | 0.9402 | 10.58 | 0.0586 | 0.0014 |
| 65 | 0.3472 | 0.0937 | 0.3621 | 0.0937 | 0.3442 | 0.0937 | 0.9840 | 3.75 | 0.0249 | 0.0004 |
| 110 | 0.3397 | 0.0605 | 0.3474 | 0.0605 | 0.3373 | 0.0605 | 0.9978 | 0.75 | 0.0070 | 0.0001 |
| 155 | 0.4482 | 0.0344 | 0.0217 | 0.4285 | 0.5322 | 0.0356 | 0.9971 | 0.60 | 0.0058 | 0.0001 |
| 200 | 0.3322 | 0.0273 | 0.3377 | 0.0273 | 0.3354 | 0.0273 | 0.9982 | 0.44 | 0.0042 | 0.0000 |
| 65 | 20 | 0.3698 | 0.1861 | 0.3743 | 0.1861 | 0.3810 | 0.1861 | 0.9456 | 17.83 | 0.0650 | 0.0014 |
| 65 | 0.3928 | 0.0870 | 0.3885 | 0.0871 | 0.2443 | 0.0870 | 0.9930 | 1.90 | 0.0139 | 0.0003 |
| 110 | 0.3063 | 0.0636 | 0.3192 | 0.0636 | 0.4125 | 0.0636 | 0.9911 | 2.03 | 0.0159 | 0.0002 |
| 155 | 0.4822 | 0.0545 | 0.2627 | 0.0545 | 0.2736 | 0.0545 | 0.9976 | 0.91 | 0.0076 | 0.0001 |
| 200 | 0.5086 | 0.0282 | 0.4639 | 0.0290 | 0.0389 | 0.3418 | 0.9982 | 0.36 | 0.0040 | 0.0001 |
| 70 | 20 | 0.3785 | 0.1897 | 0.3784 | 0.1897 | 0.3783 | 0.1897 | 0.9304 | 18.16 | 0.0727 | 0.0018 |
| 65 | 0.3674 | 0.1315 | 0.3667 | 0.1315 | 0.3653 | 0.1315 | 0.9655 | 8.43 | 0.0447 | 0.0008 |
| 110 | 0.4028 | 0.0853 | 0.3725 | 0.0853 | 0.2844 | 0.0853 | 0.9843 | 3.79 | 0.0251 | 0.0004 |
| 155 | 0.3485 | 0.0585 | 0.3142 | 0.0585 | 0.3953 | 0.0585 | 0.9891 | 1.52 | 0.0131 | 0.0002 |
| 200 | 0.3478 | 0.0637 | 0.3374 | 0.0637 | 0.3322 | 0.0637 | 0.9981 | 0.84 | 0.0069 | 0.0001 |

Table 3S. Calculated model parameters and statistical parameters for Simplified Fick’s diffusion model

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| T[°C] | p[mbar] | Adjustable coefficients | *R*2 | AARD [%] | RMSE | *χ*2 |
|  |  | a | c | L |  |  |  |  |
| 50 | 20 | 1.12 | 7.25 | 6.92 | 0.9241 | 12.42 | 0.0660 | 0.0015 |
| 65 | 1.00 | 68.15 | 9.95 | 0.9641 | 5.33 | 0.0372 | 0.0005 |
| 110 | 1.04 | 65.63 | 40.60 | 0.9794 | 1.62 | 0.0157 | 0.0002 |
| 155 | 1.06 | 234.77 | 68.74 | 0.9803 | 2.38 | 0.0213 | 0.0003 |
| 200 | 1.01 | 521.44 | 166.99 | 0.9897 | 0.52 | 0.0054 | 0.0001 |
| 55 | 20 | 1.12 | 16.66 | 11.20 | 0.9369 | 12.41 | 0.0631 | 0.0011 |
| 65 | 1.02 | 63.82 | 36.96 | 0.9970 | 0.92 | 0.0078 | 0.0001 |
| 110 | 1.01 | 236.21 | 87.61 | 0.9985 | 0.41 | 0.0041 | 0.0000 |
| 155 | 1.00 | 110.14 | 98.48 | 0.9849 | 0.50 | 0.0061 | 0.0001 |
| 200 | 1.00 | 69.70 | 83.78 | 0.9951 | 0.22 | 0.0026 | 0.0000 |
| 60 | 20 | 1.10 | 9.48 | 7.75 | 0.9472 | 11.84 | 0.0557 | 0.0012 |
| 20 | 1.09 | 17.10 | 11.42 | 0.9421 | 8.58 | 0.0523 | 0.0012 |
| 20 | 1.11 | 16.02 | 10.37 | 0.9402 | 10.58 | 0.0586 | 0.0013 |
| 65 | 1.05 | 21.19 | 15.04 | 0.9840 | 3.75 | 0.0249 | 0.0004 |
| 110 | 1.02 | 68.65 | 33.68 | 0.9978 | 0.75 | 0.0070 | 0.0001 |
| 155 | 0.99 | 65.23 | 42.27 | 0.9966 | 0.60 | 0.0064 | 0.0001 |
| 200 | 1.01 | 108.68 | 63.08 | 0.9982 | 0.37 | 0.0038 | 0.0000 |
| 65 | 20 | 1.13 | 12.66 | 8.25 | 0.9456 | 17.83 | 0.0650 | 0.0013 |
| 65 | 1.03 | 69.43 | 28.24 | 0.9930 | 1.90 | 0.0139 | 0.0003 |
| 110 | 1.04 | 101.63 | 39.97 | 0.9911 | 2.03 | 0.0159 | 0.0002 |
| 155 | 1.02 | 248.16 | 67.49 | 0.9976 | 0.91 | 0.0076 | 0.0001 |
| 200 | 1.00 | 265.67 | 91.99 | 0.9964 | 0.52 | 0.0055 | 0.0001 |
| 70 | 20 | 1.14 | 14.83 | 8.84 | 0.9304 | 18.16 | 0.0727 | 0.0017 |
| 65 | 1.10 | 17.03 | 11.38 | 0.9655 | 8.43 | 0.0447 | 0.0008 |
| 110 | 1.06 | 15.01 | 13.27 | 0.9843 | 3.79 | 0.0251 | 0.0004 |
| 155 | 1.06 | 67.41 | 32.94 | 0.9891 | 1.52 | 0.0131 | 0.0002 |
| 200 | 1.02 | 69.99 | 33.15 | 0.9981 | 0.84 | 0.0069 | 0.0001 |

Table 4S. Calculated model parameters and statistical parameters for Peleg’s model

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| T[°C] | p[mbar] | Adjustable coefficients | *R*2 | AARD [%] | RMSE | *χ*2 |
|  |  | k1 | k2 |  |  |  |  |
| 50 | 20 | 15.8319 | -0.88570 | 0.9988 | 1.11 | 0.0082 | 0.0002 |
| 65 | 27.7832 | -0.577400 | 0.9982 | 1.10 | 0.0083 | 0.0001 |
| 110 | 43.1225 | -1.219440 | 0.9980 | 0.50 | 0.0049 | 0.0001 |
| 155 | 36.6423 | -0.791760 | 0.9936 | 1.34 | 0.0122 | 0.0002 |
| 200 | 54.0340 | 0.744140 | 0.9875 | 0.48 | 0.0059 | 0.0001 |
| 55 | 20 | 16.3858 | -0.537210 | 0.9963 | 2.81 | 0.0154 | 0.0003 |
| 65 | 25.3075 | 0.263000 | 0.9974 | 0.71 | 0.0073 | 0.0001 |
| 110 | 35.3792 | 0.365150 | 0.9986 | 0.41 | 0.0044 | 0.0000 |
| 155 | 90.5460 | 0.141070 | 0.9849 | 0.57 | 0.0062 | 0.0001 |
| 200 | 85.0144 | 1.654340 | 0.9973 | 0.17 | 0.0020 | 0.0000 |
| 60 | 20 | 12.6774 | -0.396930 | 0.9988 | 1.32 | 0.0086 | 0.0002 |
| 20 | 15.8856 | -0.679070 | 0.9990 | 1.03 | 0.0070 | 0.0002 |
| 20 | 14.6122 | -0.616990 | 0.9960 | 2.58 | 0.0151 | 0.0003 |
| 65 | 16.0785 | -0.026360 | 0.9986 | 0.79 | 0.0073 | 0.0001 |
| 110 | 19.6858 | 0.277230 | 0.9967 | 0.77 | 0.0086 | 0.0001 |
| 155 | 25.4475 | 0.681160 | 0.9966 | 0.65 | 0.0063 | 0.0001 |
| 200 | 38.9854 | 0.381110 | 0.9982 | 0.39 | 0.0042 | 0.0000 |
| 65 | 20 | 10.5451 | -0.160500 | 0.9953 | 5.01 | 0.0191 | 0.0004 |
| 65 | 14.1155 | 0.243950 | 0.9956 | 1.30 | 0.0110 | 0.0002 |
| 110 | 21.8580 | 0.010370 | 0.9987 | 0.62 | 0.0060 | 0.0001 |
| 155 | 0.2751 | 0.003958 | 0.9987 | 0.58 | 0.0056 | 0.0001 |
| 200 | 30.0897 | 0.721260 | 0.9971 | 0.43 | 0.0050 | 0.0001 |
| 70 | 20 | 11.5787 | -0.417520 | 0.9948 | 4.61 | 0.0199 | 0.0004 |
| 65 | 13.9235 | -0.193810 | 0.9971 | 2.20 | 0.0130 | 0.0002 |
| 110 | 18.0099 | -0.039700 | 0.9985 | 0.88 | 0.0077 | 0.0001 |
| 155 | 26.2593 | -0.171440 | 0.9905 | 1.37 | 0.0157 | 0.0002 |
| 200 | 17.6233 | 0.392220 | 0.9980 | 0.68 | 0.0071 | 0.0001 |

Table 5S. Calculated model parameters and statistical parameters for Logarithmic model

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| T[°C] | p[mbar] | Adjustable coefficients | *R*2 | AARD [%] | RMSE | *χ*2 |
|  |  | a | k | b |  |  |  |  |
| 50 | 20 | 19.93 | 0.0055 | -18.8563 | 0.9813 | 5.93 | 0.0328 | 0.0008 |
| 65 | 11.30 | 0.0046 | -10.2618 | 0.9934 | 2.18 | 0.0159 | 0.0002 |
| 110 | 8.86 | 0.0039 | -7.8333 | 0.9912 | 1.02 | 0.0103 | 0.0002 |
| 155 | 8.44 | 0.0048 | -7.4029 | 0.9949 | 1.07 | 0.0108 | 0.0001 |
| 200 | 0.34 | 0.0727 | 0.6768 | 0.9953 | 0.28 | 0.0036 | 0.0001 |
| 55 | 20 | 18.27 | 0.0050 | -17.2040 | 0.9904 | 4.17 | 0.0246 | 0.0004 |
| 65 | 1.45 | 0.0293 | -0.4445 | 0.9980 | 0.73 | 0.0064 | 0.0001 |
| 110 | 1.24 | 0.0237 | -0.2355 | 0.9987 | 0.43 | 0.0042 | 0.0000 |
| 155 | 6.16 | 0.0017 | -5.1691 | 0.9873 | 0.49 | 0.0057 | 0.0001 |
| 200 | 0.33 | 0.0358 | 0.6715 | 0.9972 | 0.18 | 0.0020 | 0.0000 |
| 60 | 20 | 14.91 | 0.0072 | -13.8634 | 0.9937 | 3.43 | 0.0193 | 0.0004 |
| 20 | 21.10 | 0.0045 | -20.0533 | 0.9871 | 3.90 | 0.0247 | 0.0005 |
| 20 | 16.87 | 0.0062 | -15.8112 | 0.9891 | 4.09 | 0.0250 | 0.0006 |
| 65 | 5.79 | 0.0117 | -4.7756 | 0.9987 | 0.94 | 0.0071 | 0.0001 |
| 110 | 1.25 | 0.0461 | -0.2329 | 0.9982 | 0.68 | 0.0063 | 0.0001 |
| 155 | 0.93 | 0.0398 | 0.0649 | 0.9966 | 0.61 | 0.0063 | 0.0001 |
| 200 | 1.19 | 0.0224 | -0.1825 | 0.9983 | 0.41 | 0.0041 | 0.0000 |
| 65 | 20 | 11.72 | 0.0099 | -10.6822 | 0.9959 | 4.36 | 0.0179 | 0.0004 |
| 65 | 1.80 | 0.0412 | -0.7910 | 0.9958 | 1.36 | 0.0108 | 0.0002 |
| 110 | 5.55 | 0.0087 | -4.5419 | 0.9990 | 0.65 | 0.0053 | 0.0001 |
| 155 | 1.48 | 0.0330 | -0.4766 | 0.9989 | 0.60 | 0.0051 | 0.0001 |
| 200 | 0.66 | 0.0544 | 0.3504 | 0.9977 | 0.43 | 0.0044 | 0.0001 |
| 70 | 20 | 17.11 | 0.0073 | -16.0435 | 0.9917 | 5.04 | 0.0251 | 0.0006 |
| 65 | 9.55 | 0.0093 | -8.5103 | 0.9978 | 1.82 | 0.0112 | 0.0002 |
| 110 | 6.31 | 0.0097 | -5.2961 | 0.9990 | 0.87 | 0.0063 | 0.0001 |
| 155 | 3.33 | 0.0143 | -2.3009 | 0.9950 | 0.89 | 0.0102 | 0.0001 |
| 200 | 1.19 | 0.0510 | -0.1776 | 0.9985 | 0.72 | 0.0062 | 0.0001 |

Table 6S. Calculated model parameters and statistical parameters for Two-term model

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| T[°C] | p[mbar] | Adjustable coefficients | *R*2 | AARD [%] | RMSE | *χ*2 |
|  |  | a | k1 | b | k2 |  |  |  |  |
| 50 | 20 | 0.56 | 0.1512 | 0.56 | 0.1512 | 0.9241 | 12.42 | 0.0660 | 0.0016 |
| 65 | 0.54 | 0.0689 | 0.54 | 0.0689 | 0.9641 | 5.33 | 0.0372 | 0.0005 |
| 110 | 0.51 | 0.0398 | 0.53 | 0.0398 | 0.9794 | 1.62 | 0.0157 | 0.0002 |
| 155 | 0.53 | 0.0497 | 0.53 | 0.0497 | 0.9803 | 2.38 | 0.0213 | 0.0003 |
| 200 | 1.00 | 0.0250 | 0.01 | -0.1500 | 0.9957 | 0.28 | 0.0035 | 0.0001 |
| 55 | 20 | 0.56 | 0.1329 | 0.56 | 0.1328 | 0.9369 | 12.41 | 0.0631 | 0.0012 |
| 65 | 0.56 | 0.0467 | 0.46 | 0.0467 | 0.9971 | 0.92 | 0.0078 | 0.0001 |
| 110 | 0.48 | 0.0308 | 0.52 | 0.0308 | 0.9985 | 0.47 | 0.0045 | 0.0000 |
| 155 | 0.50 | 0.0114 | 0.50 | 0.0114 | 0.9849 | 0.46 | 0.0062 | 0.0001 |
| 200 | 0.99 | 0.0092 | 0.02 | 0.5503 | 0.9986 | 0.12 | 0.0014 | 0.0000 |
| 60 | 20 | 0.55 | 0.1578 | 0.55 | 0.1578 | 0.9472 | 10.86 | 0.0557 | 0.0013 |
| 20 | 0.54 | 0.1311 | 0.54 | 0.1311 | 0.9421 | 8.58 | 0.0523 | 0.0012 |
| 20 | 0.46 | 0.1490 | 0.65 | 0.1490 | 0.9402 | 10.58 | 0.0586 | 0.0013 |
| 65 | 0.53 | 0.0937 | 0.53 | 0.0937 | 0.9840 | 3.75 | 0.0249 | 0.0004 |
| 110 | 0.51 | 0.0605 | 0.51 | 0.0605 | 0.9978 | 0.75 | 0.0070 | 0.0001 |
| 155 | 0.03 | 1.2815 | 0.99 | 0.0356 | 0.9977 | 0.53 | 0.0052 | 0.0001 |
| 200 | 0.43 | 0.0273 | 0.57 | 0.0273 | 0.9982 | 0.44 | 0.0042 | 0.0000 |
| 65 | 20 | 0.56 | 0.1861 | 0.57 | 0.1861 | 0.9456 | 17.83 | 0.0650 | 0.0014 |
| 65 | 0.00 | -0.6222 | 1.01 | 0.0800 | 0.9974 | 0.98 | 0.0085 | 0.0002 |
| 110 | 0.52 | 0.0636 | 0.52 | 0.0636 | 0.9911 | 2.03 | 0.0159 | 0.0002 |
| 155 | 0.53 | 0.0545 | 0.49 | 0.0545 | 0.9975 | 0.91 | 0.0076 | 0.0001 |
| 200 | 0.03 | 0.4316 | 0.98 | 0.0291 | 0.9981 | 0.36 | 0.0040 | 0.0001 |
| 70 | 20 | -12.64 | 0.4381 | 13.59 | 0.3994 | 0.9304 | 8.37 | 0.0339 | 0.0008 |
| 65 | 0.55 | 0.1315 | 0.55 | 0.1315 | 0.9655 | 8.43 | 0.0447 | 0.0008 |
| 110 | 0.53 | 0.0853 | 0.53 | 0.0853 | 0.9843 | 3.79 | 0.0251 | 0.0004 |
| 155 | 0.54 | 0.0585 | 0.51 | 0.0585 | 0.9891 | 1.52 | 0.0131 | 0.0002 |
| 200 | 0.51 | 0.0637 | 0.51 | 0.0637 | 0.9981 | 0.84 | 0.0069 | 0.0001 |

Table 7S. Experimental vs. predicted values for Midilli et al. model for samples dried at 110 mbar.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **t (h)** | **MR****[110 mbar; 50 °C]** | **MR****[110 mbar; 55 °C]** | **MR****[110 mbar; 60 °C]** | **MR****[110 mbar; 65 °C]** | **MR****[110 mbar; 70 °C]** |
| **Exp.** | **Pred.** | **Exp.** | **Pred.** | **Exp.** | **Pred.** | **Exp.** | **Pred.** | **Exp.** | **Pred.** |
| 0.0 | 1.00 | 1.00 | 1.00 | 1.01 | 1.00 | 1.01 | 1.00 | 1.01 | 1.00 | 1.01 |
| 0.2 | 0.99 | 1.00 | 1.00 | 1.01 | 0.99 | 1.01 | 1.00 | 1.00 | 1.00 | 1.00 |
| 0.3 | 0.99 | 0.99 | 1.00 | 1.00 | 0.99 | 1.00 | 1.00 | 0.99 | 1.00 | 0.99 |
| 0.5 | 0.99 | 0.99 | 1.00 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.98 |
| 0.7 | 0.99 | 0.99 | 1.00 | 0.99 | 0.99 | 0.98 | 0.99 | 0.98 | 0.99 | 0.97 |
| 0.8 | 0.99 | 0.98 | 0.99 | 0.98 | 0.98 | 0.97 | 0.98 | 0.97 | 0.98 | 0.96 |
| 1.0 | 0.98 | 0.98 | 0.99 | 0.98 | 0.97 | 0.96 | 0.97 | 0.96 | 0.96 | 0.95 |
| 1.2 | 0.98 | 0.98 | 0.98 | 0.97 | 0.96 | 0.95 | 0.96 | 0.95 | 0.95 | 0.94 |
| 1.3 | 0.98 | 0.97 | 0.97 | 0.97 | 0.95 | 0.94 | 0.95 | 0.94 | 0.94 | 0.93 |
| 1.5 | 0.97 | 0.97 | 0.96 | 0.96 | 0.94 | 0.93 | 0.94 | 0.94 | 0.93 | 0.92 |
| 1.7 | 0.97 | 0.97 | 0.96 | 0.96 | 0.93 | 0.93 | 0.93 | 0.93 | 0.91 | 0.91 |
| 1.8 | 0.96 | 0.96 | 0.95 | 0.95 | 0.92 | 0.92 | 0.92 | 0.92 | 0.90 | 0.90 |
| 2.0 | 0.96 | 0.96 | 0.95 | 0.95 | 0.91 | 0.91 | 0.91 | 0.91 | 0.89 | 0.89 |
| 2.2 | 0.95 | 0.95 | 0.94 | 0.94 | 0.90 | 0.90 | 0.90 | 0.90 | 0.88 | 0.88 |
| 2.3 | 0.95 | 0.95 | 0.93 | 0.94 | 0.89 | 0.89 | 0.89 | 0.90 | 0.87 | 0.87 |
| 2.5 | 0.94 | 0.94 | 0.93 | 0.93 | 0.88 | 0.88 | 0.88 | 0.89 | 0.86 | 0.86 |
| 2.7 | 0.94 | 0.94 | 0.92 | 0.93 | 0.87 | 0.87 | 0.87 | 0.88 | 0.85 | 0.85 |
| 2.8 | 0.94 | 0.94 | 0.92 | 0.92 | 0.86 | 0.87 | 0.86 | 0.87 | 0.84 | 0.84 |
| 3.0 | 0.93 | 0.93 | 0.91 | 0.92 | 0.85 | 0.86 | 0.86 | 0.86 | 0.83 | 0.83 |
| 3.2 | 0.93 | 0.93 | 0.91 | 0.91 | 0.84 | 0.85 | 0.85 | 0.86 | 0.82 | 0.82 |
| 3.3 | 0.92 | 0.92 | 0.90 | 0.91 | 0.83 | 0.84 | 0.84 | 0.85 | 0.81 | 0.82 |
| 3.5 | 0.91 | 0.92 | 0.90 | 0.90 | 0.82 | 0.83 | 0.84 | 0.84 | 0.80 | 0.81 |
| 3.7 | 0.91 | 0.91 | 0.89 | 0.90 | 0.81 | 0.82 | 0.83 | 0.83 | 0.79 | 0.80 |
| 3.8 | 0.90 | 0.90 | 0.89 | 0.90 | 0.81 | 0.82 | 0.82 | 0.82 | 0.79 | 0.79 |
| 4.0 | 0.90 | 0.90 | 0.89 | 0.89 | 0.80 | 0.81 | 0.81 | 0.82 | 0.77 | 0.78 |
| 4.2 | 0.89 | 0.89 | 0.88 | 0.89 | 0.79 | 0.80 | 0.81 | 0.81 | 0.77 | 0.77 |
| 4.3 | 0.89 | 0.89 | 0.88 | 0.88 | 0.79 | 0.79 | 0.80 | 0.80 | 0.75 | 0.76 |
| 4.5 | 0.88 | 0.88 | 0.87 | 0.88 | 0.78 | 0.78 | 0.80 | 0.79 | 0.75 | 0.75 |
| 4.7 | 0.88 | 0.88 | 0.87 | 0.87 | 0.77 | 0.78 | 0.78 | 0.79 | 0.74 | 0.74 |
| 4.8 | 0.87 | 0.87 | 0.87 | 0.87 | 0.77 | 0.77 | 0.78 | 0.78 | 0.72 | 0.73 |
| 5.0 | 0.87 | 0.87 | 0.86 | 0.86 | 0.76 | 0.76 | 0.77 | 0.77 | 0.72 | 0.72 |
| 5.2 | 0.86 | 0.86 | 0.86 | 0.86 | 0.75 | 0.75 | 0.76 | 0.76 | 0.71 | 0.71 |
| 5.3 | 0.86 | 0.85 | 0.86 | 0.86 | 0.74 | 0.74 | 0.76 | 0.76 | 0.70 | 0.70 |
| 5.5 | 0.85 | 0.85 | 0.85 | 0.85 | 0.73 | 0.74 | 0.75 | 0.75 | 0.69 | 0.69 |
| 5.7 | 0.84 | 0.84 | 0.85 | 0.85 | 0.73 | 0.73 | 0.74 | 0.74 | 0.68 | 0.68 |
| 5.8 | 0.84 | 0.84 | 0.84 | 0.84 | 0.73 | 0.72 | 0.74 | 0.73 | 0.67 | 0.67 |
| 6.0 | 0.83 | 0.83 | 0.84 | 0.84 | 0.71 | 0.72 | 0.73 | 0.72 | 0.66 | 0.66 |
| 6.2 | 0.82 | 0.82 | 0.83 | 0.84 | 0.71 | 0.71 | 0.72 | 0.72 | 0.65 | 0.65 |
| 6.3 | 0.82 | 0.82 | 0.83 | 0.83 | 0.71 | 0.70 | 0.71 | 0.71 | 0.64 | 0.64 |
| 6.5 | 0.81 | 0.81 | 0.83 | 0.83 | 0.70 | 0.69 | 0.71 | 0.70 | 0.63 | 0.63 |
| 6.7 | 0.81 | 0.81 | 0.83 | 0.82 | 0.69 | 0.69 | 0.70 | 0.69 | 0.62 | 0.62 |
| 6.8 | 0.80 | 0.80 | 0.82 | 0.82 | 0.68 | 0.68 | 0.69 | 0.69 | 0.62 | 0.61 |
| 7.0 | 0.80 | 0.79 | 0.82 | 0.81 | 0.67 | 0.67 | 0.68 | 0.68 | 0.61 | 0.60 |
| 7.2 | 0.78 | 0.79 | 0.81 | 0.81 | 0.67 | 0.67 | 0.67 | 0.67 | 0.60 | 0.59 |
| 7.3 | 0.78 | 0.78 | 0.81 | 0.81 | 0.67 | 0.66 | 0.66 | 0.66 | 0.59 | 0.58 |
| 7.5 | 0.77 | 0.77 | 0.80 | 0.80 | 0.66 | 0.65 | 0.66 | 0.66 | 0.57 | 0.57 |
| 7.7 | 0.77 | 0.77 | 0.80 | 0.80 | 0.65 | 0.64 | 0.65 | 0.65 | 0.56 | 0.56 |
| 7.8 | 0.76 | 0.76 | 0.80 | 0.79 | 0.64 | 0.64 | 0.64 | 0.64 | 0.56 | 0.55 |
| 8.0 | 0.76 | 0.76 | 0.79 | 0.79 | 0.64 | 0.63 | 0.63 | 0.63 | 0.55 | 0.55 |
| 8.2 | 0.75 | 0.75 | 0.79 | 0.79 | 0.63 | 0.62 | 0.62 | 0.63 | 0.55 | 0.54 |
| 8.3 | 0.74 | 0.74 | 0.78 | 0.78 | 0.62 | 0.62 | 0.62 | 0.62 | 0.53 | 0.53 |
| 8.5 | 0.73 | 0.74 | 0.78 | 0.78 | 0.62 | 0.61 | 0.61 | 0.61 | 0.52 | 0.52 |
| 8.7 | 0.73 | 0.73 | 0.77 | 0.77 | 0.61 | 0.61 | 0.60 | 0.60 | 0.50 | 0.51 |
| 8.8 | 0.72 | 0.72 | 0.77 | 0.77 | 0.60 | 0.60 | 0.60 | 0.60 | 0.50 | 0.50 |
| 9.0 | 0.72 | 0.72 | 0.77 | 0.77 | 0.60 | 0.59 | 0.59 | 0.59 | 0.48 | 0.49 |
| 9.2 | 0.71 | 0.71 | 0.76 | 0.76 | 0.59 | 0.59 | 0.58 | 0.58 | 0.48 | 0.48 |
| 9.3 | 0.71 | 0.70 | 0.76 | 0.76 | 0.59 | 0.58 | 0.58 | 0.57 | 0.47 | 0.47 |
| 9.5 | 0.70 | 0.70 | 0.75 | 0.76 | 0.57 | 0.57 | 0.57 | 0.57 | 0.47 | 0.46 |
| 9.7 | 0.70 | 0.69 | 0.75 | 0.75 | 0.57 | 0.57 | 0.55 | 0.56 | 0.45 | 0.45 |
| 9.8 | 0.69 | 0.68 | 0.75 | 0.75 | 0.57 | 0.56 | 0.55 | 0.55 | 0.43 | 0.44 |
| 10.0 | 0.68 | 0.68 | 0.74 | 0.74 | 0.55 | 0.56 | 0.54 | 0.54 | 0.43 | 0.43 |
| 10.2 | 0.67 | 0.67 | 0.74 | 0.74 | 0.55 | 0.55 | 0.54 | 0.54 | 0.43 | 0.42 |
| 10.3 | 0.67 | 0.66 | 0.74 | 0.74 | 0.55 | 0.54 | 0.54 | 0.53 | 0.41 | 0.41 |
| 10.5 | 0.65 | 0.66 | 0.73 | 0.73 | 0.54 | 0.54 | 0.53 | 0.52 | 0.39 | 0.40 |
| 10.7 | 0.65 | 0.65 | 0.73 | 0.73 | 0.52 | 0.53 | 0.51 | 0.51 | 0.39 | 0.39 |
| 10.8 | 0.64 | 0.64 | 0.73 | 0.72 | 0.52 | 0.53 | 0.50 | 0.51 | 0.39 | 0.38 |
| 11.0 | 0.64 | 0.64 | 0.73 | 0.72 | 0.51 | 0.52 | 0.50 | 0.50 | 0.37 | 0.38 |
| 11.2 |  |  | 0.72 | 0.72 | 0.51 | 0.52 | 0.50 | 0.49 | 0.37 | 0.37 |
| 11.3 |  |  | 0.72 | 0.71 | 0.51 | 0.51 | 0.48 | 0.48 | 0.37 | 0.36 |
| 11.5 |  |  | 0.71 | 0.71 |  |  | 0.48 | 0.48 | 0.34 | 0.35 |
| 11.7 |  |  | 0.71 | 0.71 |  |  | 0.47 | 0.47 | 0.34 | 0.34 |
| 11.8 |  |  | 0.71 | 0.70 |  |  | 0.47 | 0.46 | 0.34 | 0.33 |
| 12.0 |  |  | 0.70 | 0.70 |  |  | 0.45 | 0.46 |  |  |
| 12.2 |  |  | 0.70 | 0.69 |  |  | 0.45 | 0.45 |  |  |
| 12.3 |  |  | 0.69 | 0.69 |  |  | 0.43 | 0.44 |  |  |
| 12.5 |  |  | 0.69 | 0.69 |  |  | 0.43 | 0.43 |  |  |
| 12.7 |  |  | 0.68 | 0.68 |  |  |  |  |  |  |
| 12.8 |  |  | 0.68 | 0.68 |  |  |  |  |  |  |
| 13.0 |  |  | 0.68 | 0.68 |  |  |  |  |  |  |
| 13.2 |  |  | 0.67 | 0.67 |  |  |  |  |  |  |
| 13.3 |  |  | 0.67 | 0.67 |  |  |  |  |  |  |
| 13.5 |  |  | 0.66 | 0.67 |  |  |  |  |  |  |
| 13.7 |  |  | 0.66 | 0.66 |  |  |  |  |  |  |
| 13.8 |  |  | 0.65 | 0.66 |  |  |  |  |  |  |
| 14.0 |  |  | 0.65 | 0.65 |  |  |  |  |  |  |
| 14.2 |  |  | 0.65 | 0.65 |  |  |  |  |  |  |
| 14.3 |  |  | 0.64 | 0.65 |  |  |  |  |  |  |
| 14.5 |  |  | 0.64 | 0.64 |  |  |  |  |  |  |
| 14.7 |  |  | 0.64 | 0.64 |  |  |  |  |  |  |
| 14.8 |  |  | 0.64 | 0.64 |  |  |  |  |  |  |
| 15.0 |  |  | 0.64 | 0.63 |  |  |  |  |  |  |
| 15.2 |  |  | 0.64 | 0.63 |  |  |  |  |  |  |
| 15.3 |  |  | 0.63 | 0.63 |  |  |  |  |  |  |
| 15.5 |  |  | 0.63 | 0.62 |  |  |  |  |  |  |
| 15.7 |  |  | 0.61 | 0.62 |  |  |  |  |  |  |
| 15.8 |  |  | 0.61 | 0.61 |  |  |  |  |  |  |
| 16.0 |  |  | 0.60 | 0.61 |  |  |  |  |  |  |
| 16.2 |  |  | 0.60 | 0.61 |  |  |  |  |  |  |
| 16.3 |  |  | 0.60 | 0.60 |  |  |  |  |  |  |
| 16.5 |  |  | 0.59 | 0.60 |  |  |  |  |  |  |
| 16.7 |  |  |  |  |  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
|  |  |  |

Table 8S. Experimental vs. predicted values for Midilli et al. model for samples dried at 50 °C.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **t (h)** | **MR****[50 °C; 20 mbar]** | **MR****[50 °C; 65 mbar]** | **MR****[50 °C; 110 mbar]** | **MR****[50 °C; 155 mbar]** | **MR****[50 °C; 200 mbar]** |
| **Exp** | **Pred** | **Exp** | **Pred** | **Exp** | **Pred** | **Exp** | **Pred** | **Exp** | **Pred** |
| 0.0 | 1.00 | 1.02 | 1.00 | 1.01 | 1.00 | 1.00 | 1.00 | 1.01 | 1.00 | 1.01 |
| 0.2 | 1.01 | 1.00 | 1.00 | 1.00 | 0.99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.01 |
| 0.3 | 1.00 | 0.99 | 1.00 | 1.00 | 0.99 | 0.99 | 1.00 | 1.00 | 1.00 | 1.00 |
| 0.5 | 0.99 | 0.98 | 1.00 | 0.99 | 0.99 | 0.99 | 1.00 | 1.00 | 1.00 | 1.00 |
| 0.7 | 0.97 | 0.97 | 0.99 | 0.98 | 0.99 | 0.99 | 1.00 | 1.00 | 1.00 | 1.00 |
| 0.8 | 0.96 | 0.95 | 0.98 | 0.98 | 0.99 | 0.98 | 0.99 | 0.99 | 1.00 | 0.99 |
| 1.0 | 0.94 | 0.94 | 0.97 | 0.97 | 0.98 | 0.98 | 0.99 | 0.99 | 1.00 | 0.99 |
| 1.2 | 0.93 | 0.93 | 0.97 | 0.97 | 0.98 | 0.98 | 0.99 | 0.99 | 0.99 | 0.99 |
| 1.3 | 0.91 | 0.91 | 0.96 | 0.96 | 0.98 | 0.97 | 0.98 | 0.98 | 0.99 | 0.98 |
| 1.5 | 0.90 | 0.90 | 0.96 | 0.95 | 0.97 | 0.97 | 0.98 | 0.98 | 0.98 | 0.98 |
| 1.7 | 0.88 | 0.89 | 0.95 | 0.95 | 0.97 | 0.97 | 0.97 | 0.97 | 0.98 | 0.98 |
| 1.8 | 0.87 | 0.87 | 0.94 | 0.94 | 0.96 | 0.96 | 0.97 | 0.97 | 0.98 | 0.97 |
| 2.0 | 0.85 | 0.86 | 0.94 | 0.93 | 0.96 | 0.96 | 0.96 | 0.96 | 0.98 | 0.97 |
| 2.2 | 0.84 | 0.85 | 0.93 | 0.93 | 0.95 | 0.95 | 0.96 | 0.96 | 0.97 | 0.97 |
| 2.3 | 0.83 | 0.83 | 0.92 | 0.92 | 0.95 | 0.95 | 0.95 | 0.95 | 0.96 | 0.96 |
| 2.5 | 0.81 | 0.82 | 0.91 | 0.91 | 0.94 | 0.94 | 0.95 | 0.95 | 0.96 | 0.96 |
| 2.7 | 0.80 | 0.80 | 0.90 | 0.91 | 0.94 | 0.94 | 0.94 | 0.94 | 0.96 | 0.96 |
| 2.8 | 0.78 | 0.79 | 0.90 | 0.90 | 0.94 | 0.94 | 0.94 | 0.94 | 0.95 | 0.95 |
| 3.0 | 0.77 | 0.77 | 0.89 | 0.89 | 0.93 | 0.93 | 0.93 | 0.93 | 0.95 | 0.95 |
| 3.2 | 0.76 | 0.76 | 0.88 | 0.89 | 0.93 | 0.93 | 0.92 | 0.92 | 0.94 | 0.95 |
| 3.3 | 0.74 | 0.74 | 0.87 | 0.88 | 0.92 | 0.92 | 0.92 | 0.92 | 0.94 | 0.94 |
| 3.5 | 0.72 | 0.73 | 0.87 | 0.87 | 0.91 | 0.92 | 0.91 | 0.91 | 0.94 | 0.94 |
| 3.7 | 0.71 | 0.71 | 0.86 | 0.86 | 0.91 | 0.91 | 0.90 | 0.91 | 0.93 | 0.94 |
| 3.8 | 0.69 | 0.69 | 0.85 | 0.86 | 0.90 | 0.90 | 0.90 | 0.90 | 0.93 | 0.93 |
| 4.0 | 0.67 | 0.67 | 0.84 | 0.85 | 0.90 | 0.90 | 0.89 | 0.89 | 0.93 | 0.93 |
| 4.2 | 0.66 | 0.66 | 0.84 | 0.84 | 0.89 | 0.89 | 0.89 | 0.89 | 0.92 | 0.93 |
| 4.3 | 0.64 | 0.64 | 0.83 | 0.83 | 0.89 | 0.89 | 0.88 | 0.88 | 0.92 | 0.92 |
| 4.5 | 0.62 | 0.62 | 0.83 | 0.83 | 0.88 | 0.88 | 0.87 | 0.87 | 0.92 | 0.92 |
| 4.7 | 0.60 | 0.60 | 0.82 | 0.82 | 0.88 | 0.88 | 0.86 | 0.87 | 0.91 | 0.92 |
| 4.8 | 0.59 | 0.58 | 0.81 | 0.81 | 0.87 | 0.87 | 0.86 | 0.86 | 0.91 | 0.91 |
| 5.0 | 0.56 | 0.56 | 0.80 | 0.80 | 0.87 | 0.87 | 0.85 | 0.85 | 0.91 | 0.91 |
| 5.2 | 0.55 | 0.54 | 0.79 | 0.79 | 0.86 | 0.86 | 0.85 | 0.85 | 0.90 | 0.91 |
| 5.3 | 0.52 | 0.52 | 0.79 | 0.79 | 0.86 | 0.85 | 0.84 | 0.84 | 0.90 | 0.90 |
| 5.5 | 0.50 | 0.50 | 0.78 | 0.78 | 0.85 | 0.85 | 0.84 | 0.83 | 0.90 | 0.90 |
| 5.7 | 0.47 | 0.47 | 0.77 | 0.77 | 0.84 | 0.84 | 0.83 | 0.83 | 0.90 | 0.90 |
| 5.8 | 0.45 | 0.45 | 0.76 | 0.76 | 0.84 | 0.84 | 0.81 | 0.82 | 0.89 | 0.90 |
| 6.0 | 0.43 | 0.43 | 0.76 | 0.75 | 0.83 | 0.83 | 0.81 | 0.81 | 0.89 | 0.89 |
| 6.2 | 0.39 | 0.40 | 0.74 | 0.75 | 0.82 | 0.82 | 0.80 | 0.80 | 0.89 | 0.89 |
| 6.3 | 0.37 | 0.38 | 0.74 | 0.74 | 0.82 | 0.82 | 0.80 | 0.80 | 0.89 | 0.89 |
| 6.5 | 0.35 | 0.35 | 0.74 | 0.73 | 0.81 | 0.81 | 0.79 | 0.79 | 0.89 | 0.88 |
| 6.7 | 0.32 | 0.33 | 0.72 | 0.72 | 0.81 | 0.81 | 0.79 | 0.78 | 0.88 | 0.88 |
| 6.8 | 0.30 | 0.30 | 0.71 | 0.71 | 0.80 | 0.80 | 0.78 | 0.78 | 0.88 | 0.88 |
| 7.0 | 0.27 | 0.27 | 0.71 | 0.70 | 0.80 | 0.79 | 0.77 | 0.77 | 0.88 | 0.88 |
| 7.2 | 0.24 | 0.25 | 0.70 | 0.69 | 0.78 | 0.79 | 0.76 | 0.76 | 0.88 | 0.87 |
| 7.3 | 0.21 | 0.22 | 0.69 | 0.69 | 0.78 | 0.78 | 0.76 | 0.75 | 0.88 | 0.87 |
| 7.5 | 0.21 | 0.19 | 0.68 | 0.68 | 0.77 | 0.77 | 0.75 | 0.75 | 0.88 | 0.87 |
| 7.7 |  |  | 0.68 | 0.67 | 0.77 | 0.77 | 0.74 | 0.74 | 0.87 | 0.87 |
| 7.8 |  |  | 0.67 | 0.66 | 0.76 | 0.76 | 0.73 | 0.73 | 0.87 | 0.87 |
| 8.0 |  |  | 0.65 | 0.65 | 0.76 | 0.76 | 0.72 | 0.73 | 0.87 | 0.86 |
| 8.2 |  |  | 0.64 | 0.64 | 0.75 | 0.75 | 0.72 | 0.72 | 0.86 | 0.86 |
| 8.3 |  |  | 0.63 | 0.63 | 0.74 | 0.74 | 0.72 | 0.71 | 0.86 | 0.86 |
| 8.5 |  |  | 0.62 | 0.62 | 0.73 | 0.74 | 0.71 | 0.70 | 0.86 | 0.86 |
| 8.7 |  |  | 0.62 | 0.61 | 0.73 | 0.73 | 0.70 | 0.70 | 0.86 | 0.86 |
| 8.8 |  |  | 0.61 | 0.61 | 0.72 | 0.72 | 0.69 | 0.69 | 0.86 | 0.85 |
| 9.0 |  |  | 0.59 | 0.60 | 0.72 | 0.72 | 0.68 | 0.68 | 0.85 | 0.85 |
| 9.2 |  |  | 0.58 | 0.59 | 0.71 | 0.71 | 0.68 | 0.68 | 0.85 | 0.85 |
| 9.3 |  |  | 0.58 | 0.58 | 0.71 | 0.70 | 0.67 | 0.67 | 0.85 | 0.85 |
| 9.5 |  |  | 0.57 | 0.57 | 0.70 | 0.70 | 0.66 | 0.66 | 0.85 | 0.85 |
| 9.7 |  |  | 0.55 | 0.56 | 0.70 | 0.69 | 0.66 | 0.66 | 0.84 | 0.85 |
| 9.8 |  |  | 0.55 | 0.55 | 0.69 | 0.68 | 0.65 | 0.65 | 0.84 | 0.84 |
| 10.0 |  |  | 0.55 | 0.54 | 0.68 | 0.68 | 0.65 | 0.64 | 0.84 | 0.84 |
| 10.2 |  |  | 0.53 | 0.53 | 0.67 | 0.67 | 0.63 | 0.63 | 0.84 | 0.84 |
| 10.3 |  |  | 0.52 | 0.52 | 0.67 | 0.66 | 0.62 | 0.63 | 0.84 | 0.84 |
| 10.5 |  |  | 0.50 | 0.51 | 0.65 | 0.66 | 0.62 | 0.62 | 0.83 | 0.84 |
| 10.7 |  |  | 0.50 | 0.50 | 0.65 | 0.65 | 0.62 | 0.61 |  |  |
| 10.8 |  |  | 0.48 | 0.49 | 0.64 | 0.64 | 0.60 | 0.61 |  |  |
| 11.0 |  |  | 0.48 | 0.48 | 0.64 | 0.64 | 0.60 | 0.60 |  |  |
| 11.2 |  |  | 0.46 | 0.47 |  |  | 0.60 | 0.59 |  |  |
| 11.3 |  |  | 0.46 | 0.46 |  |  | 0.58 | 0.59 |  |  |
| 11.5 |  |  | 0.44 | 0.45 |  |  | 0.58 | 0.58 |  |  |
| 11.7 |  |  | 0.44 | 0.44 |  |  | 0.57 | 0.57 |  |  |
| 11.8 |  |  | 0.44 | 0.43 |  |  | 0.57 | 0.57 |  |  |
| 12.0 |  |  | 0.42 | 0.42 |  |  | 0.57 | 0.56 |  |  |
| 12.2 |  |  | 0.42 | 0.41 |  |  | 0.56 | 0.55 |  |  |
| 12.3 |  |  | 0.39 | 0.40 |  |  | 0.56 | 0.55 |  |  |
| 12.5 |  |  | 0.39 | 0.39 |  |  | 0.54 | 0.54 |  |  |
| 12.7 |  |  | 0.39 | 0.38 |  |  | 0.52 | 0.54 |  |  |
| 12.8 |  |  | 0.39 | 0.37 |  |  | 0.54 | 0.53 |  |  |
| 13.0 |  |  | 0.37 | 0.36 |  |  | 0.52 | 0.52 |  |  |
| 13.2 |  |  | 0.37 | 0.35 |  |  | 0.51 | 0.52 |  |  |
| 13.3 |  |  | 0.34 | 0.34 |  |  |  |  |  |  |
| 13.5 |  |  |  |  |  |  |  |  |  |  |