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 | 96.16 | 0.1311 | 0.9277 | 13.33 | | 5.8062 | 0.1037 | |
| 65 | 92.99 | 0.0689 | 0.9641 | 5.33 | | 3.2037 | 0.0406 | |
| 110 | 89.65 | 0.0398 | 0.9794 | 1.62 | | 1.3607 | 0.0209 | |
| 155 | 86.43 | 0.0497 | 0.9803 | 2.38 | | 1.7355 | 0.0222 | |
| 200 | 82.07 | 0.0187 | 0.9897 | 0.52 | | 0.4371 | 0.0070 | |
| 55 | 20 | 95.15 | 0.1328 | 0.9369 | 12.41 | | 5.3606 | 0.0957 | |
| 65 | 85.42 | 0.0467 | 0.9970 | 0.92 | | 0.6543 | 0.0079 | |
| 110 | 81.39 | 0.0308 | 0.9984 | 0.49 | | 0.3813 | 0.0039 | |
| 155 | 84.11 | 0.0165 | 0.9962 | 0.20 | | 0.1880 | 0.0040 | |
| 200 | 87.15 | 0.0099 | 0.9953 | 0.22 | | 0.2298 | 0.0027 | |
| 60 | 20 | 92.88 | 0.1456 | 0.9527 | 11.17 | | 4.5943 | 0.0851 | |
| 20 | 93.84 | 0.1311 | 0.9421 | 8.58 | | 4.5152 | 0.0982 | |
| 20 | 93.92 | 0.1490 | 0.9402 | 10.58 | | 4.9472 | 0.1075 | |
| 65 | 89.05 | 0.0937 | 0.9840 | 3.75 | | 2.1043 | 0.0339 | |
| 110 | 82.41 | 0.0605 | 0.9978 | 0.75 | | 0.5649 | 0.0084 | |
| 155 | 85.36 | 0.0365 | 0.9966 | 0.60 | | 0.5457 | 0.0072 | |
| 200 | 86.34 | 0.0273 | 0.9982 | 0.45 | | 0.3641 | 0.0040 | |
| 65 | 20 | 92.98 | 0.1861 | 0.9456 | 17.83 | | 5.3701 | 0.1074 | |
| 65 | 85.84 | 0.0876 | 0.9922 | 2.07 | | 1.2505 | 0.0227 | |
| 110 | 84.25 | 0.0636 | 0.9912 | 2.03 | | 1.2900 | 0.0174 | |
| 155 | 79.18 | 0.0545 | 0.9976 | 0.91 | | 0.5877 | 0.0075 | |
| 200 | 84.63 | 0.0314 | 0.9964 | 0.52 | | 0.4686 | 0.0065 | |
| 70 | 20 | 94.68 | 0.1897 | 0.9304 | 18.16 | | 6.0664 | 0.1348 | |
| 65 | 91.04 | 0.1315 | 0.9655 | 8.43 | | 3.7035 | 0.0650 | |
| 110 | 86.18 | 0.0853 | 0.9843 | 3.79 | | 2.0404 | 0.0291 | |
| 155 | 83.47 | 0.0741 | 0.9963 | 1.28 | | 0.8194 | 0.0128 | |
| 200 | 81.92 | 0.0637 | 0.9981 | 0.84 | | 0.5528 | 0.0079 | |

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 | 32.0508 | 0.1311 | 32.0508 | 0.1311 | 32.0508 | 0.1311 | 0.9277 | 13.33 | 5.8062 | 0.1117 |
| 65 | 30.9972 | 0.0689 | 30.9973 | 0.0689 | 30.9974 | 0.0689 | 0.9640 | 5.38 | 3.2141 | 0.0429 |
| 110 | 29.8835 | 0.0398 | 29.8835 | 0.0398 | 29.8835 | 0.0398 | 0.9794 | 1.62 | 1.3607 | 0.0223 |
| 155 | 28.8032 | 0.0497 | 28.7950 | 0.0497 | 28.8247 | 0.0497 | 0.9803 | 2.38 | 1.7355 | 0.0235 |
| 200 | 27.6938 | 0.0455 | 27.6884 | 0.0456 | 27.3875 | -0.0200 | 0.9955 | 0.28 | 0.2901 | 0.0050 |
| 55 | 20 | 31.7110 | 0.1329 | 31.7204 | 0.1329 | 31.7248 | 0.1329 | 0.9369 | 12.41 | 5.3606 | 0.1031 |
| 65 | 28.4750 | 0.0467 | 28.4741 | 0.0467 | 28.4749 | 0.0467 | 0.9970 | 0.92 | 0.6543 | 0.0083 |
| 110 | 27.1312 | 0.0308 | 27.1314 | 0.0308 | 27.1301 | 0.0308 | 0.9984 | 0.49 | 0.3813 | 0.0040 |
| 155 | 28.1267 | 0.0579 | 28.1351 | -0.0004 | 28.1350 | 0.0002 | 0.9981 | 0.14 | 0.1320 | 0.0031 |
| 200 | 29.0286 | 0.0348 | 29.2287 | 0.0003 | 29.2293 | 0.0000 | 0.9973 | 0.18 | 0.1747 | 0.0022 |
| 60 | 20 | 30.9586 | 0.1456 | 30.9586 | 0.1455 | 30.9586 | 0.1455 | 0.9527 | 11.18 | 4.5943 | 0.0919 |
| 20 | 31.2806 | 0.1311 | 31.2827 | 0.1311 | 31.2822 | 0.1312 | 0.9421 | 8.58 | 4.5152 | 0.1075 |
| 20 | 31.3043 | 0.1490 | 31.3044 | 0.1490 | 31.3044 | 0.1490 | 0.9402 | 10.58 | 4.9472 | 0.1178 |
| 65 | 29.6806 | 0.0937 | 29.6852 | 0.0937 | 29.6789 | 0.0937 | 0.9840 | 3.75 | 2.1043 | 0.0363 |
| 110 | 27.4702 | 0.0605 | 27.4720 | 0.0605 | 27.4688 | 0.0605 | 0.9978 | 0.75 | 0.5649 | 0.0090 |
| 155 | 28.5151 | 0.0281 | 28.4893 | 0.0565 | 28.5147 | 0.0281 | 0.9966 | 0.62 | 0.5414 | 0.0075 |
| 200 | 28.7799 | 0.0273 | 28.7794 | 0.0273 | 28.7812 | 0.0274 | 0.9982 | 0.45 | 0.3641 | 0.0042 |
| 65 | 20 | 30.9910 | 0.1861 | 30.9910 | 0.1861 | 30.9910 | 0.1861 | 0.9456 | 17.83 | 5.3701 | 0.1167 |
| 65 | 28.6118 | 0.0876 | 28.6118 | 0.0876 | 28.6118 | 0.0876 | 0.9922 | 2.07 | 1.2505 | 0.0245 |
| 110 | 28.0827 | 0.0636 | 28.0827 | 0.0636 | 28.0827 | 0.0636 | 0.9911 | 2.03 | 1.2900 | 0.0184 |
| 155 | 26.3983 | 0.0545 | 26.4028 | 0.0545 | 26.3757 | 0.0545 | 0.9976 | 0.91 | 0.5877 | 0.0079 |
| 200 | 28.5728 | 0.0155 | 28.1379 | 0.0778 | 28.5905 | 0.0152 | 0.9978 | 0.42 | 0.3691 | 0.0054 |
| 70 | 20 | 31.5564 | 0.1897 | 31.5564 | 0.1897 | 31.5564 | 0.1897 | 0.9304 | 18.16 | 6.0664 | 0.1480 |
| 65 | 30.3492 | 0.1315 | 30.3443 | 0.1315 | 30.3465 | 0.1315 | 0.9655 | 8.43 | 3.7035 | 0.0699 |
| 110 | 28.7255 | 0.0853 | 28.7255 | 0.0853 | 28.7255 | 0.0853 | 0.9843 | 3.79 | 2.0404 | 0.0309 |
| 155 | 27.8234 | 0.0742 | 27.8238 | 0.0741 | 27.8239 | 0.0742 | 0.9963 | 1.28 | 0.8194 | 0.0137 |
| 200 | 27.3067 | 0.0637 | 27.3063 | 0.0637 | 27.3083 | 0.0636 | 0.9981 | 0.84 | 0.5528 | 0.0084 |

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 | 96.16 | 25.60 | 13.97 | 0.9277 | 13.33 | 5.8062 | 0.1056 |
| 65 | 92.98 | 14.09 | 14.30 | 0.9641 | 5.33 | 3.2037 | 0.0411 |
| 110 | 89.65 | 10.85 | 16.51 | 0.9794 | 1.62 | 1.3607 | 0.0213 |
| 155 | 86.43 | 3.77 | 8.71 | 0.9803 | 2.38 | 1.7355 | 0.0225 |
| 200 | 82.07 | 4.41 | 15.36 | 0.9870 | 0.52 | 0.4371 | 0.0072 |
| 55 | 20 | 95.14 | 23.92 | 13.42 | 0.9370 | 12.42 | 5.3606 | 0.0975 |
| 65 | 85.42 | 16.64 | 18.87 | 0.9970 | 0.92 | 0.6543 | 0.0080 |
| 110 | 89.65 | 10.85 | 16.51 | 0.9984 | 0.47 | 0.5156 | 0.0053 |
| 155 | 84.11 | 3.37 | 14.30 | 0.9962 | 0.20 | 0.1880 | 0.0041 |
| 200 | 87.15 | 1.50 | 12.29 | 0.9953 | 0.22 | 0.2298 | 0.0028 |
| 60 | 20 | 92.88 | 8.16 | 7.49 | 0.9527 | 11.18 | 4.5943 | 0.0867 |
| 20 | 93.84 | 25.40 | 13.92 | 0.9421 | 8.58 | 4.5152 | 0.1003 |
| 20 | 93.92 | 9.43 | 7.96 | 0.9402 | 10.58 | 4.9472 | 0.1099 |
| 65 | 89.05 | 6.86 | 8.56 | 0.9840 | 3.75 | 2.1043 | 0.0345 |
| 110 | 82.41 | 25.81 | 20.65 | 0.9978 | 0.75 | 0.5649 | 0.0086 |
| 155 | 85.36 | 11.60 | 17.83 | 0.9966 | 0.60 | 0.5457 | 0.0073 |
| 200 | 86.34 | 39.24 | 37.88 | 0.9982 | 0.43 | 0.5074 | 0.0056 |
| 65 | 20 | 92.98 | 23.62 | 11.27 | 0.9456 | 17.83 | 5.3701 | 0.1096 |
| 65 | 85.84 | 25.77 | 17.15 | 0.9922 | 2.07 | 1.2505 | 0.0232 |
| 110 | 84.25 | 14.96 | 15.33 | 0.9911 | 2.03 | 1.2900 | 0.0177 |
| 155 | 79.18 | 4.08 | 8.66 | 0.9976 | 0.91 | 0.5877 | 0.0076 |
| 200 | 84.63 | 16.43 | 22.88 | 0.9964 | 0.52 | 0.4686 | 0.0066 |
| 70 | 20 | 94.68 | 45.25 | 15.44 | 0.9304 | 18.16 | 6.0664 | 0.1379 |
| 65 | 91.04 | 14.91 | 10.65 | 0.9655 | 8.43 | 3.7035 | 0.0661 |
| 110 | 86.18 | 118.27 | 37.24 | 0.9843 | 3.79 | 2.0404 | 0.0296 |
| 155 | 83.47 | 13.36 | 13.42 | 0.9963 | 1.28 | 0.8194 | 0.0130 |
| 200 | 81.92 | 21.68 | 18.45 | 0.9981 | 0.84 | 0.5528 | 0.0080 |

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 | 0.2067 | -0.007943 | 0.9946 | 3.69 | 1.5896 | 0.0284 |
| 65 | 0.3469 | -0.008348 | 0.9965 | 1.46 | 1.0060 | 0.0127 |
| 110 | 0.4981 | -0.014084 | 0.9980 | 0.50 | 0.4278 | 0.0066 |
| 155 | 0.4507 | -0.009739 | 0.9936 | 1.34 | 0.9880 | 0.0127 |
| 200 | 0.6619 | 0.009117 | 0.9875 | 0.48 | 0.4817 | 0.0078 |
| 55 | 20 | 0.1926 | -0.006309 | 0.9963 | 2.80 | 1.3052 | 0.0233 |
| 65 | 0.3021 | 0.003140 | 0.9973 | 0.71 | 0.6080 | 0.0073 |
| 110 | 0.4390 | 0.004466 | 0.9986 | 0.42 | 0.3578 | 0.0036 |
| 155 | 0.6750 | 0.013602 | 0.9973 | 0.16 | 0.1599 | 0.0034 |
| 200 | 0.9711 | 0.018789 | 0.9974 | 0.17 | 0.1716 | 0.0020 |
| 60 | 20 | 0.1572 | -0.002998 | 0.9965 | 3.00 | 1.2568 | 0.0233 |
| 20 | 0.1841 | -0.007868 | 0.9990 | 1.03 | 0.6053 | 0.0132 |
| 20 | 0.1731 | -0.007309 | 0.9960 | 2.58 | 1.2730 | 0.0277 |
| 65 | 0.1902 | -0.000312 | 0.9986 | 0.79 | 0.6206 | 0.0100 |
| 110 | 0.2447 | 0.003446 | 0.9967 | 0.77 | 0.6915 | 0.0103 |
| 155 | 0.2963 | 0.007931 | 0.9966 | 0.65 | 0.5431 | 0.0071 |
| 200 | 0.4546 | 0.004370 | 0.9983 | 0.39 | 0.3606 | 0.0040 |
| 65 | 20 | 0.1276 | -0.001942 | 0.9953 | 5.01 | 1.5760 | 0.0315 |
| 65 | 0.1700 | 0.002705 | 0.9957 | 1.34 | 0.9334 | 0.0170 |
| 110 | 0.2693 | 0.000128 | 0.9987 | 0.62 | 0.4863 | 0.0066 |
| 155 | 0.2751 | 0.003958 | 0.9987 | 0.58 | 0.4333 | 0.0056 |
| 200 | 0.3555 | 0.008520 | 0.9971 | 0.43 | 0.4208 | 0.0058 |
| 70 | 20 | 0.1388 | -0.005006 | 0.9948 | 4.61 | 1.6590 | 0.0369 |
| 65 | 0.1681 | -0.003240 | 0.9971 | 2.20 | 1.0784 | 0.0189 |
| 110 | 0.2214 | -0.000488 | 0.9985 | 0.88 | 0.6261 | 0.0089 |
| 155 | 0.2009 | 0.003531 | 0.9967 | 0.91 | 0.7783 | 0.0122 |
| 200 | 0.2189 | 0.004871 | 0.9980 | 0.68 | 0.5735 | 0.0082 |

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 | 71.08 | 0.1562 | 18.3132 | 0.8647 | 18.72 | 7.9405 | 0.1444 |
| 65 | -87.88 | -0.0380 | 175.2104 | 0.9990 | 0.78 | 0.5288 | 0.0068 |
| 110 | -38.27 | -0.0558 | 125.4604 | 0.9988 | 0.35 | 0.3241 | 0.0051 |
| 155 | -104.77 | -0.0257 | 188.1512 | 0.9978 | 0.75 | 0.5754 | 0.0075 |
| 200 | -134.44 | -0.0097 | 216.0966 | 0.9822 | 0.67 | 0.5749 | 0.0094 |
| 55 | 20 | 89.97 | 0.1248 | 1.6709 | 0.9281 | 14.12 | 5.7218 | 0.1040 |
| 65 | -327.34 | -0.0084 | 410.1009 | 0.9934 | 1.22 | 0.9744 | 0.0119 |
| 110 | -246.28 | -0.0074 | 325.8895 | 0.9944 | 0.89 | 0.7125 | 0.0073 |
| 155 | -76.04 | -0.0159 | 159.9115 | 0.9921 | 0.30 | 0.2728 | 0.0059 |
| 200 | -95.44 | -0.0079 | 182.3331 | 0.9914 | 0.30 | 0.3109 | 0.0037 |
| 60 | 20 | 54.30 | 0.2574 | 30.5029 | 0.8091 | 24.21 | 9.2307 | 0.1742 |
| 20 | -52.24 | -0.1019 | 138.6473 | 0.9991 | 1.00 | 0.5729 | 0.0127 |
| 20 | -77.57 | -0.0810 | 163.6971 | 0.9975 | 2.06 | 1.0089 | 0.0224 |
| 65 | -280.05 | -0.0175 | 364.1609 | 0.9979 | 1.06 | 0.7622 | 0.0125 |
| 110 | -401.63 | -0.0085 | 481.3118 | 0.9917 | 1.59 | 1.0888 | 0.0165 |
| 155 | -244.90 | -0.0095 | 328.6115 | 0.9902 | 0.99 | 0.9262 | 0.0123 |
| 200 | -218.15 | -0.0082 | 303.1148 | 0.9948 | 0.69 | 0.6201 | 0.0069 |
| 65 | 20 | 100.97 | 0.1530 | -10.2785 | 0.9595 | 15.07 | 4.6346 | 0.0946 |
| 65 | -309.40 | -0.0154 | 391.4782 | 0.9919 | 1.60 | 1.2772 | 0.0237 |
| 110 | -273.26 | -0.0126 | 354.0613 | 0.9978 | 0.87 | 0.6363 | 0.0087 |
| 155 | -331.81 | -0.0087 | 408.1544 | 0.9939 | 1.38 | 0.9302 | 0.0121 |
| 200 | -202.69 | -0.0101 | 286.0865 | 0.9876 | 1.04 | 0.8741 | 0.0123 |
| 70 | 20 | 101.48 | 0.1616 | -8.7688 | 0.9426 | 16.29 | 5.5086 | 0.1252 |
| 65 | -273.92 | -0.0228 | 358.0488 | 0.9981 | 1.82 | 0.8614 | 0.0154 |
| 110 | -276.40 | -0.0154 | 357.6031 | 0.9979 | 1.24 | 0.7506 | 0.0109 |
| 155 | -393.33 | -0.0101 | 473.2542 | 0.9909 | 1.81 | 1.2904 | 0.0205 |
| 200 | -450.33 | -0.0077 | 529.1043 | 0.9904 | 1.78 | 1.2406 | 0.0180 |

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 | 48.08 | 0.1312 | 48.08 | 0.1311 | 0.9277 | 13.33 | 5.8062 | 0.1075 |
| 65 | 89.30 | 0.0689 | 3.69 | 0.0689 | 0.9640 | 5.34 | 3.2082 | 0.0417 |
| 110 | 44.82 | 0.0398 | 44.82 | 0.0398 | 0.9794 | 1.62 | 1.3607 | 0.0216 |
| 155 | 43.21 | 0.0497 | 43.21 | 0.0497 | 0.9803 | 2.38 | 1.7355 | 0.0228 |
| 200 | 68.97 | 0.0364 | 13.78 | -0.0404 | 0.9955 | 0.28 | 0.2879 | 0.0048 |
| 55 | 20 | 47.57 | 0.1328 | 47.57 | 0.1328 | 0.9369 | 12.42 | 5.3606 | 0.0993 |
| 65 | 42.65 | 0.0463 | 42.65 | 0.0463 | 0.9973 | 0.91 | 0.6460 | 0.0080 |
| 110 | 8.97 | 0.0760 | 72.41 | 0.0260 | 0.9987 | 0.42 | 0.3412 | 0.0035 |
| 155 | 60.36 | 0.0018 | 24.04 | 0.0632 | 0.9981 | 0.14 | 0.1320 | 0.0029 |
| 200 | 74.54 | 0.0043 | 12.97 | 0.0551 | 0.9974 | 0.17 | 0.1714 | 0.0021 |
| 60 | 20 | 46.43 | 0.1455 | 46.43 | 0.1455 | 0.9527 | 11.18 | 4.5943 | 0.0884 |
| 20 | 46.91 | 0.1311 | 46.91 | 0.1311 | 0.9421 | 8.58 | 4.5152 | 0.1026 |
| 20 | 46.96 | 0.1490 | 46.96 | 0.1490 | 0.9402 | 10.58 | 4.9472 | 0.1124 |
| 65 | 44.52 | 0.0937 | 44.52 | 0.0937 | 0.9840 | 3.75 | 2.1043 | 0.0351 |
| 110 | 41.22 | 0.0605 | 41.19 | 0.0605 | 0.9978 | 0.75 | 0.5649 | 0.0087 |
| 155 | 11.59 | 0.0775 | 73.97 | 0.0316 | 0.9967 | 0.62 | 0.5401 | 0.0073 |
| 200 | 43.17 | 0.0273 | 43.17 | 0.0273 | 0.9982 | 0.45 | 0.3641 | 0.0041 |
| 65 | 20 | 46.49 | 0.1861 | 46.49 | 0.1860 | 0.9456 | 17.83 | 5.3701 | 0.1119 |
| 65 | 42.92 | 0.0876 | 42.92 | 0.0876 | 0.9922 | 2.07 | 1.2505 | 0.0236 |
| 110 | 42.12 | 0.0636 | 42.12 | 0.0636 | 0.9912 | 2.03 | 1.2900 | 0.0179 |
| 155 | 39.59 | 0.0545 | 39.59 | 0.0545 | 0.9975 | 0.91 | 0.5877 | 0.0077 |
| 200 | 4.21 | 0.2556 | 81.34 | 0.0276 | 0.9981 | 0.38 | 0.3459 | 0.0049 |
| 70 | 20 | 47.34 | 0.1896 | 47.34 | 0.1898 | 0.9304 | 18.16 | 6.0664 | 0.1411 |
| 65 | 45.52 | 0.1315 | 45.52 | 0.1315 | 0.9655 | 8.43 | 3.7035 | 0.0673 |
| 110 | 43.09 | 0.0853 | 43.09 | 0.0853 | 0.9843 | 3.79 | 2.0404 | 0.0300 |
| 155 | 41.74 | 0.0741 | 41.74 | 0.0741 | 0.9963 | 1.28 | 0.8194 | 0.0132 |
| 200 | 40.96 | 0.0637 | 40.96 | 0.0637 | 0.9981 | 0.84 | 0.5528 | 0.0081 |

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

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| t (h) | MC (%)  [110 mbar; 50 °C] | | MC (%)  [110 mbar; 55 °C] | | MC (%)  [110 mbar; 60 °C] | | MC (%)  [110 mbar; 65 °C] | | MC (%)  [110 mbar; 70 °C] | |
| Exp. | Pred. | Exp. | Pred. | Exp. | Pred. | Exp. | Pred. | Exp. | Pred. |
| 0.0 | 86.6 | 86.3 | 80.7 | 81.8 | 80.5 | 81.7 | 81.2 | 82.2 | 81.3 | 82.5 |
| 0.2 | 85.8 | 86.2 | 80.6 | 81.1 | 79.9 | 81.0 | 80.9 | 81.4 | 80.9 | 81.7 |
| 0.3 | 85.8 | 86.0 | 80.7 | 80.6 | 79.9 | 80.3 | 80.9 | 80.7 | 81.1 | 80.8 |
| 0.5 | 85.8 | 85.8 | 80.6 | 80.1 | 79.8 | 79.5 | 80.7 | 80.0 | 80.8 | 80.0 |
| 0.7 | 85.5 | 85.5 | 80.3 | 79.6 | 79.5 | 78.8 | 80.1 | 79.3 | 80.2 | 79.2 |
| 0.8 | 85.3 | 85.2 | 79.9 | 79.2 | 79.0 | 78.1 | 79.4 | 78.6 | 79.3 | 78.4 |
| 1.0 | 85.1 | 85.0 | 79.5 | 78.7 | 78.2 | 77.4 | 78.6 | 77.9 | 78.3 | 77.6 |
| 1.2 | 84.8 | 84.7 | 78.9 | 78.3 | 77.6 | 76.7 | 78.0 | 77.2 | 77.4 | 76.7 |
| 1.3 | 84.5 | 84.3 | 78.4 | 77.9 | 76.8 | 75.9 | 77.1 | 76.6 | 76.4 | 75.9 |
| 1.5 | 84.1 | 84.0 | 77.8 | 77.5 | 76.0 | 75.2 | 76.2 | 75.9 | 75.3 | 75.1 |
| 1.7 | 83.8 | 83.7 | 77.3 | 77.1 | 75.0 | 74.5 | 75.3 | 75.3 | 74.3 | 74.3 |
| 1.8 | 83.3 | 83.3 | 76.8 | 76.7 | 74.2 | 73.8 | 74.4 | 74.6 | 73.3 | 73.5 |
| 2.0 | 83.0 | 82.9 | 76.4 | 76.3 | 73.3 | 73.1 | 74.0 | 74.0 | 72.2 | 72.7 |
| 2.2 | 82.6 | 82.6 | 75.8 | 75.9 | 72.6 | 72.4 | 73.0 | 73.3 | 71.6 | 71.9 |
| 2.3 | 82.2 | 82.2 | 75.4 | 75.5 | 71.6 | 71.7 | 72.2 | 72.7 | 70.7 | 71.1 |
| 2.5 | 81.7 | 81.8 | 74.8 | 75.2 | 70.8 | 71.0 | 71.7 | 72.0 | 69.7 | 70.3 |
| 2.7 | 81.3 | 81.4 | 74.6 | 74.8 | 69.9 | 70.3 | 70.8 | 71.4 | 69.0 | 69.5 |
| 2.8 | 81.0 | 81.0 | 74.1 | 74.4 | 69.0 | 69.6 | 70.2 | 70.7 | 68.2 | 68.7 |
| 3.0 | 80.4 | 80.5 | 73.7 | 74.0 | 68.4 | 68.9 | 69.6 | 70.1 | 67.4 | 67.9 |
| 3.2 | 80.1 | 80.1 | 73.4 | 73.7 | 67.7 | 68.3 | 68.9 | 69.5 | 66.6 | 67.1 |
| 3.3 | 79.7 | 79.7 | 73.0 | 73.3 | 67.0 | 67.6 | 68.2 | 68.8 | 65.8 | 66.3 |
| 3.5 | 79.0 | 79.2 | 72.7 | 72.9 | 66.3 | 66.9 | 67.8 | 68.2 | 65.3 | 65.5 |
| 3.7 | 78.8 | 78.8 | 72.2 | 72.6 | 65.5 | 66.3 | 67.1 | 67.6 | 64.4 | 64.7 |
| 3.8 | 78.0 | 78.3 | 71.9 | 72.2 | 65.1 | 65.6 | 66.7 | 66.9 | 63.9 | 63.9 |
| 4.0 | 77.8 | 77.8 | 71.7 | 71.9 | 64.3 | 65.0 | 65.9 | 66.3 | 62.9 | 63.1 |
| 4.2 | 77.2 | 77.4 | 71.4 | 71.5 | 63.9 | 64.3 | 65.5 | 65.7 | 62.4 | 62.3 |
| 4.3 | 76.7 | 76.9 | 70.8 | 71.2 | 63.5 | 63.7 | 64.7 | 65.1 | 61.3 | 61.5 |
| 4.5 | 76.4 | 76.4 | 70.6 | 70.8 | 62.6 | 63.0 | 64.7 | 64.4 | 60.7 | 60.8 |
| 4.7 | 76.1 | 75.9 | 70.3 | 70.5 | 62.1 | 62.4 | 63.3 | 63.8 | 60.1 | 60.0 |
| 4.8 | 75.4 | 75.4 | 70.0 | 70.1 | 61.6 | 61.8 | 63.3 | 63.2 | 58.9 | 59.2 |
| 5.0 | 75.1 | 74.9 | 69.7 | 69.8 | 61.2 | 61.2 | 62.3 | 62.6 | 58.3 | 58.4 |
| 5.2 | 74.4 | 74.4 | 69.3 | 69.4 | 60.1 | 60.5 | 61.8 | 61.9 | 57.6 | 57.6 |
| 5.3 | 74.1 | 73.9 | 69.0 | 69.1 | 59.6 | 59.9 | 61.3 | 61.3 | 56.9 | 56.8 |
| 5.5 | 73.3 | 73.4 | 68.7 | 68.8 | 59.1 | 59.3 | 60.8 | 60.7 | 56.2 | 56.0 |
| 5.7 | 73.0 | 72.9 | 68.4 | 68.4 | 59.1 | 58.7 | 60.3 | 60.1 | 55.5 | 55.2 |
| 5.8 | 72.6 | 72.4 | 68.0 | 68.1 | 58.5 | 58.1 | 59.7 | 59.5 | 54.7 | 54.5 |
| 6.0 | 71.7 | 71.9 | 67.7 | 67.7 | 57.4 | 57.5 | 59.1 | 58.8 | 54.0 | 53.7 |
| 6.2 | 71.3 | 71.4 | 67.3 | 67.4 | 57.4 | 56.9 | 58.5 | 58.2 | 53.2 | 52.9 |
| 6.3 | 70.8 | 70.8 | 67.0 | 67.1 | 56.8 | 56.4 | 57.9 | 57.6 | 52.3 | 52.1 |
| 6.5 | 70.4 | 70.3 | 66.6 | 66.7 | 56.2 | 55.8 | 57.3 | 57.0 | 51.5 | 51.3 |
| 6.7 | 69.9 | 69.8 | 66.6 | 66.4 | 55.5 | 55.2 | 56.6 | 56.4 | 50.6 | 50.6 |
| 6.8 | 69.4 | 69.2 | 66.2 | 66.1 | 54.9 | 54.6 | 56.0 | 55.8 | 50.6 | 49.8 |
| 7.0 | 68.9 | 68.7 | 65.8 | 65.8 | 54.2 | 54.1 | 55.3 | 55.1 | 49.6 | 49.0 |
| 7.2 | 67.8 | 68.1 | 65.4 | 65.4 | 53.5 | 53.5 | 54.6 | 54.5 | 48.7 | 48.2 |
| 7.3 | 67.8 | 67.6 | 65.0 | 65.1 | 53.5 | 53.0 | 53.8 | 53.9 | 47.6 | 47.4 |
| 7.5 | 66.7 | 67.0 | 64.6 | 64.8 | 52.8 | 52.4 | 53.8 | 53.3 | 46.6 | 46.7 |
| 7.7 | 66.7 | 66.5 | 64.6 | 64.5 | 52.0 | 51.9 | 53.1 | 52.7 | 45.5 | 45.9 |
| 7.8 | 66.1 | 65.9 | 64.2 | 64.1 | 51.3 | 51.3 | 52.3 | 52.1 | 45.5 | 45.1 |
| 8.0 | 65.4 | 65.4 | 63.7 | 63.8 | 51.3 | 50.8 | 51.5 | 51.5 | 44.4 | 44.3 |
| 8.2 | 64.8 | 64.8 | 63.7 | 63.5 | 50.5 | 50.3 | 50.7 | 50.9 | 44.4 | 43.6 |
| 8.3 | 64.1 | 64.3 | 63.3 | 63.2 | 49.7 | 49.7 | 50.7 | 50.2 | 43.2 | 42.8 |
| 8.5 | 63.4 | 63.7 | 62.8 | 62.9 | 49.7 | 49.2 | 49.8 | 49.6 | 42.0 | 42.0 |
| 8.7 | 63.4 | 63.2 | 62.4 | 62.5 | 48.9 | 48.7 | 48.9 | 49.0 | 40.7 | 41.3 |
| 8.8 | 62.7 | 62.6 | 61.9 | 62.2 | 48.0 | 48.2 | 48.9 | 48.4 | 40.7 | 40.5 |
| 9.0 | 61.9 | 62.0 | 61.9 | 61.9 | 48.0 | 47.7 | 48.0 | 47.8 | 39.3 | 39.7 |
| 9.2 | 61.1 | 61.5 | 61.4 | 61.6 | 47.1 | 47.2 | 47.0 | 47.2 | 39.3 | 39.0 |
| 9.3 | 61.1 | 60.9 | 61.4 | 61.3 | 47.1 | 46.7 | 47.0 | 46.6 | 37.9 | 38.2 |
| 9.5 | 60.3 | 60.3 | 60.9 | 61.0 | 46.2 | 46.2 | 46.0 | 46.0 | 37.9 | 37.4 |
| 9.7 | 60.3 | 59.8 | 60.9 | 60.6 | 46.2 | 45.7 | 45.0 | 45.4 | 36.4 | 36.7 |
| 9.8 | 59.4 | 59.2 | 60.3 | 60.3 | 46.2 | 45.2 | 45.0 | 44.8 | 34.9 | 35.9 |
| 10.0 | 58.5 | 58.7 | 59.8 | 60.0 | 44.2 | 44.7 | 43.9 | 44.2 | 34.9 | 35.1 |
| 10.2 | 57.6 | 58.1 | 59.8 | 59.7 | 44.2 | 44.2 | 43.9 | 43.6 | 34.9 | 34.4 |
| 10.3 | 57.6 | 57.5 | 59.8 | 59.4 | 44.2 | 43.8 | 43.9 | 43.0 | 33.3 | 33.6 |
| 10.5 | 56.6 | 56.9 | 59.3 | 59.1 | 43.2 | 43.3 | 42.8 | 42.4 | 31.5 | 32.8 |
| 10.7 | 56.6 | 56.4 | 58.7 | 58.8 | 42.1 | 42.8 | 41.6 | 41.8 | 31.5 | 32.1 |
| 10.8 | 55.6 | 55.8 | 58.7 | 58.5 | 42.1 | 42.4 | 40.4 | 41.2 | 31.5 | 31.3 |
| 11.0 | 55.6 | 55.2 | 58.7 | 58.2 | 41.0 | 41.9 | 40.4 | 40.6 | 29.7 | 30.5 |
| 11.2 |  |  | 58.1 | 57.9 | 41.0 | 41.5 | 40.4 | 40.0 | 29.7 | 29.8 |
| 11.3 |  |  | 58.1 | 57.6 | 41.0 | 41.0 | 39.1 | 39.4 | 29.7 | 29.0 |
| 11.5 |  |  | 57.5 | 57.3 |  |  | 39.1 | 38.8 | 27.8 | 28.3 |
| 11.7 |  |  | 57.5 | 57.0 |  |  | 37.8 | 38.2 | 27.8 | 27.5 |
| 11.8 |  |  | 56.9 | 56.7 |  |  | 37.8 | 37.6 | 27.8 | 26.7 |
| 12.0 |  |  | 56.3 | 56.4 |  |  | 36.4 | 37.0 |  |  |
| 12.2 |  |  | 56.3 | 56.1 |  |  | 36.4 | 36.4 |  |  |
| 12.3 |  |  | 55.6 | 55.8 |  |  | 35.0 | 35.8 |  |  |
| 12.5 |  |  | 55.6 | 55.5 |  |  | 35.0 | 35.2 |  |  |
| 12.7 |  |  | 54.9 | 55.2 |  |  |  |  |  |  |
| 12.8 |  |  | 54.9 | 54.9 |  |  |  |  |  |  |
| 13.0 |  |  | 54.9 | 54.6 |  |  |  |  |  |  |
| 13.2 |  |  | 54.2 | 54.3 |  |  |  |  |  |  |
| 13.3 |  |  | 54.2 | 54.0 |  |  |  |  |  |  |
| 13.5 |  |  | 53.5 | 53.7 |  |  |  |  |  |  |
| 13.7 |  |  | 53.5 | 53.4 |  |  |  |  |  |  |
| 13.8 |  |  | 52.8 | 53.1 |  |  |  |  |  |  |
| 14.0 |  |  | 52.8 | 52.8 |  |  |  |  |  |  |
| 14.2 |  |  | 52.8 | 52.5 |  |  |  |  |  |  |
| 14.3 |  |  | 52.0 | 52.2 |  |  |  |  |  |  |
| 14.5 |  |  | 52.0 | 51.9 |  |  |  |  |  |  |
| 14.7 |  |  | 51.2 | 51.6 |  |  |  |  |  |  |
| 14.8 |  |  | 51.2 | 51.3 |  |  |  |  |  |  |
| 15.0 |  |  | 51.2 | 51.0 |  |  |  |  |  |  |
| 15.2 |  |  | 51.2 | 50.7 |  |  |  |  |  |  |
| 15.3 |  |  | 50.4 | 50.4 |  |  |  |  |  |  |
| 15.5 |  |  | 50.4 | 50.1 |  |  |  |  |  |  |
| 15.7 |  |  | 49.6 | 49.9 |  |  |  |  |  |  |
| 15.8 |  |  | 49.6 | 49.6 |  |  |  |  |  |  |
| 16.0 |  |  | 48.7 | 49.3 |  |  |  |  |  |  |
| 16.2 |  |  | 48.7 | 49.0 |  |  |  |  |  |  |
| 16.3 |  |  | 48.7 | 48.7 |  |  |  |  |  |  |
| 16.5 |  |  | 47.8 | 48.4 |  |  |  |  |  |  |
| 16.7 |  |  | 47.8 | 48.4 |  |  |  |  |  |  |

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

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

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **t (h)** | **MC (%)**  **[50 °C; 20 mbar]** | | **MC (%)**  **[50 °C; 65 mbar]** | | **MC (%)**  **[50 °C; 110 mbar]** | | **MC (%)**  **[50 °C; 155 mbar]** | | **MC (%)**  **[50 °C; 200 mbar]** | |
| **Exp** | **Pred** | **Exp** | **Pred** | **Exp** | **Pred** | **Exp** | **Pred** | **Exp** | **Pred** |
| 0.0 | 85.3 | 85.0 | 86.2 | 86.8 | 86.6 | 86.3 | 81.3 | 81.7 | 81.6 | 82.1 |
| 0.2 | 85.7 | 84.5 | 86.1 | 86.3 | 85.8 | 86.2 | 81.3 | 81.6 | 81.5 | 82.0 |
| 0.3 | 85.3 | 84.0 | 86.2 | 85.9 | 85.8 | 86.0 | 81.4 | 81.5 | 81.8 | 81.9 |
| 0.5 | 84.4 | 83.5 | 86.2 | 85.4 | 85.8 | 85.8 | 81.4 | 81.3 | 81.8 | 81.7 |
| 0.7 | 83.3 | 82.9 | 85.0 | 84.8 | 85.5 | 85.5 | 81.3 | 81.0 | 81.8 | 81.4 |
| 0.8 | 82.4 | 82.2 | 84.5 | 84.3 | 85.3 | 85.2 | 80.9 | 80.8 | 81.5 | 81.2 |
| 1.0 | 81.3 | 81.5 | 83.9 | 83.8 | 85.1 | 85.0 | 80.6 | 80.5 | 81.2 | 80.9 |
| 1.2 | 80.4 | 80.8 | 83.3 | 83.3 | 84.8 | 84.7 | 80.3 | 80.1 | 81.0 | 80.7 |
| 1.3 | 79.5 | 80.1 | 82.9 | 82.7 | 84.5 | 84.3 | 79.9 | 79.8 | 80.7 | 80.4 |
| 1.5 | 78.7 | 79.3 | 82.3 | 82.2 | 84.1 | 84.0 | 79.6 | 79.4 | 80.4 | 80.1 |
| 1.7 | 77.6 | 78.4 | 81.7 | 81.6 | 83.8 | 83.7 | 79.3 | 79.1 | 80.1 | 79.8 |
| 1.8 | 76.9 | 77.5 | 81.2 | 81.1 | 83.3 | 83.3 | 78.7 | 78.7 | 79.8 | 79.6 |
| 2.0 | 75.5 | 76.6 | 80.7 | 80.5 | 83.0 | 82.9 | 78.4 | 78.3 | 79.6 | 79.3 |
| 2.2 | 74.7 | 75.7 | 79.9 | 79.9 | 82.6 | 82.6 | 78.0 | 77.8 | 79.1 | 79.0 |
| 2.3 | 73.8 | 74.7 | 79.3 | 79.3 | 82.2 | 82.2 | 77.4 | 77.4 | 78.8 | 78.7 |
| 2.5 | 72.8 | 73.7 | 78.7 | 78.7 | 81.7 | 81.8 | 76.9 | 77.0 | 78.4 | 78.4 |
| 2.7 | 72.1 | 72.6 | 78.0 | 78.1 | 81.3 | 81.4 | 76.5 | 76.5 | 78.1 | 78.1 |
| 2.8 | 70.9 | 71.6 | 77.2 | 77.5 | 81.0 | 81.0 | 76.0 | 76.1 | 77.9 | 77.8 |
| 3.0 | 70.1 | 70.5 | 76.4 | 76.9 | 80.4 | 80.5 | 75.6 | 75.6 | 77.5 | 77.6 |
| 3.2 | 69.3 | 69.3 | 75.9 | 76.3 | 80.1 | 80.1 | 75.1 | 75.1 | 77.1 | 77.3 |
| 3.3 | 67.9 | 68.2 | 75.3 | 75.7 | 79.7 | 79.7 | 74.6 | 74.6 | 76.9 | 77.0 |
| 3.5 | 66.9 | 67.0 | 74.7 | 75.1 | 79.0 | 79.2 | 74.0 | 74.1 | 76.5 | 76.7 |
| 3.7 | 65.8 | 65.7 | 74.1 | 74.4 | 78.8 | 78.8 | 73.5 | 73.6 | 76.2 | 76.4 |
| 3.8 | 64.7 | 64.5 | 73.4 | 73.8 | 78.0 | 78.3 | 72.9 | 73.1 | 75.8 | 76.2 |
| 4.0 | 63.5 | 63.2 | 72.7 | 73.1 | 77.8 | 77.8 | 72.3 | 72.6 | 75.6 | 75.9 |
| 4.2 | 62.9 | 61.9 | 72.3 | 72.5 | 77.2 | 77.4 | 72.0 | 72.0 | 75.3 | 75.6 |
| 4.3 | 61.6 | 60.6 | 71.5 | 71.8 | 76.7 | 76.9 | 71.3 | 71.5 | 75.1 | 75.4 |
| 4.5 | 60.1 | 59.3 | 71.1 | 71.2 | 76.4 | 76.4 | 70.6 | 71.0 | 74.9 | 75.1 |
| 4.7 | 58.6 | 57.9 | 70.3 | 70.5 | 76.1 | 75.9 | 70.3 | 70.4 | 74.6 | 74.8 |
| 4.8 | 57.8 | 56.6 | 69.9 | 69.8 | 75.4 | 75.4 | 69.9 | 69.9 | 74.4 | 74.6 |
| 5.0 | 56.1 | 55.2 | 69.0 | 69.1 | 75.1 | 74.9 | 69.2 | 69.3 | 74.1 | 74.3 |
| 5.2 | 55.2 | 53.8 | 68.5 | 68.4 | 74.4 | 74.4 | 68.8 | 68.8 | 73.8 | 74.1 |
| 5.3 | 53.2 | 52.4 | 68.0 | 67.7 | 74.1 | 73.9 | 68.4 | 68.2 | 73.8 | 73.8 |
| 5.5 | 52.2 | 50.9 | 67.0 | 67.1 | 73.3 | 73.4 | 67.9 | 67.7 | 73.6 | 73.6 |
| 5.7 | 50.0 | 49.5 | 66.4 | 66.4 | 73.0 | 72.9 | 67.1 | 67.1 | 73.3 | 73.4 |
| 5.8 | 48.8 | 48.0 | 65.9 | 65.6 | 72.6 | 72.4 | 66.2 | 66.5 | 73.0 | 73.1 |
| 6.0 | 47.5 | 46.5 | 65.3 | 64.9 | 71.7 | 71.9 | 66.2 | 66.0 | 73.0 | 72.9 |
| 6.2 | 44.8 | 45.1 | 64.1 | 64.2 | 71.3 | 71.4 | 65.2 | 65.4 | 72.7 | 72.7 |
| 6.3 | 43.4 | 43.6 | 63.4 | 63.5 | 70.8 | 70.8 | 65.2 | 64.8 | 72.4 | 72.5 |
| 6.5 | 41.8 | 42.1 | 63.4 | 62.8 | 70.4 | 70.3 | 64.2 | 64.2 | 72.4 | 72.2 |
| 6.7 | 40.2 | 40.6 | 62.1 | 62.0 | 69.9 | 69.8 | 64.2 | 63.7 | 72.2 | 72.0 |
| 6.8 | 38.5 | 39.1 | 61.3 | 61.3 | 69.4 | 69.2 | 63.2 | 63.1 | 71.8 | 71.8 |
| 7.0 | 36.7 | 37.6 | 61.3 | 60.6 | 68.9 | 68.7 | 62.6 | 62.5 | 71.8 | 71.6 |
| 7.2 | 34.8 | 36.0 | 60.6 | 59.8 | 67.8 | 68.1 | 62.0 | 61.9 | 71.5 | 71.4 |
| 7.3 | 32.8 | 34.5 | 59.8 | 59.1 | 67.8 | 67.6 | 61.4 | 61.4 | 71.5 | 71.2 |
| 7.5 | 32.8 | 33.0 | 58.2 | 58.3 | 66.7 | 67.0 | 60.8 | 60.8 | 71.5 | 71.0 |
| 7.7 | 30.6 | 31.5 | 58.2 | 57.6 | 66.7 | 66.5 | 60.2 | 60.2 | 71.2 | 70.9 |
| 7.8 | 28.3 | 30.0 | 57.3 | 56.8 | 66.1 | 65.9 | 59.5 | 59.6 | 70.9 | 70.7 |
| 8.0 | 28.3 | 28.5 | 56.4 | 56.0 | 65.4 | 65.4 | 58.9 | 59.0 | 70.9 | 70.5 |
| 8.2 | 25.8 | 27.0 | 55.5 | 55.3 | 64.8 | 64.8 | 58.9 | 58.5 | 70.2 | 70.3 |
| 8.3 | 23.1 | 25.4 | 54.5 | 54.5 | 64.1 | 64.3 | 58.2 | 57.9 | 70.2 | 70.2 |
| 8.5 | 23.1 | 23.9 | 53.4 | 53.7 | 63.4 | 63.7 | 57.4 | 57.3 | 70.2 | 70.0 |
| 8.7 | 23.1 | 22.4 | 53.4 | 52.9 | 63.4 | 63.2 | 56.7 | 56.7 | 69.9 | 69.8 |
| 8.8 | 20.3 | 20.9 | 52.3 | 52.1 | 62.7 | 62.6 | 55.9 | 56.2 | 69.9 | 69.7 |
| 9.0 | 20.3 | 19.5 | 51.2 | 51.4 | 61.9 | 62.0 | 55.1 | 55.6 | 69.5 | 69.5 |
| 9.2 | 20.3 | 18.0 | 50.0 | 50.6 | 61.1 | 61.5 | 55.1 | 55.0 | 69.5 | 69.4 |
| 9.3 | 17.2 | 16.5 | 50.0 | 49.8 | 61.1 | 60.9 | 54.3 | 54.4 | 69.2 | 69.3 |
| 9.5 | 17.2 | 15.0 | 48.8 | 49.0 | 60.3 | 60.3 | 53.4 | 53.9 | 69.2 | 69.1 |
| 9.7 |  |  | 47.5 | 48.2 | 60.3 | 59.8 | 53.4 | 53.3 | 68.8 | 69.0 |
| 9.8 |  |  | 47.5 | 47.4 | 59.4 | 59.2 | 52.5 | 52.7 | 68.8 | 68.9 |
| 10.0 |  |  | 47.5 | 46.5 | 58.5 | 58.7 | 52.5 | 52.2 | 68.4 | 68.7 |
| 10.2 |  |  | 46.1 | 45.7 | 57.6 | 58.1 | 51.6 | 51.6 | 68.4 | 68.6 |
| 10.3 |  |  | 44.6 | 44.9 | 57.6 | 57.5 | 50.6 | 51.1 | 68.4 | 68.5 |
| 10.5 |  |  | 43.1 | 44.1 | 56.6 | 56.9 | 50.6 | 50.5 | 68.0 | 68.4 |
| 10.7 |  |  | 43.1 | 43.3 | 56.6 | 56.4 | 50.6 | 50.0 |  |  |
| 10.8 |  |  | 41.5 | 42.4 | 55.6 | 55.8 | 48.6 | 49.4 |  |  |
| 11.0 |  |  | 41.5 | 41.6 | 55.6 | 55.2 | 48.6 | 48.9 |  |  |
| 11.2 |  |  | 39.7 | 40.8 |  |  | 48.6 | 48.3 |  |  |
| 11.3 |  |  | 39.7 | 40.0 |  |  | 47.5 | 47.8 |  |  |
| 11.5 |  |  | 37.9 | 39.1 |  |  | 47.5 | 47.2 |  |  |
| 11.7 |  |  | 37.9 | 38.3 |  |  | 46.3 | 46.7 |  |  |
| 11.8 |  |  | 37.9 | 37.4 |  |  | 46.3 | 46.2 |  |  |
| 12.0 |  |  | 36.0 | 36.6 |  |  | 46.3 | 45.6 |  |  |
| 12.2 |  |  | 36.0 | 35.7 |  |  | 45.2 | 45.1 |  |  |
| 12.3 |  |  | 33.9 | 34.9 |  |  | 45.2 | 44.6 |  |  |
| 12.5 |  |  | 33.9 | 34.1 |  |  | 43.9 | 44.0 |  |  |
| 12.7 |  |  | 33.9 | 33.2 |  |  | 42.6 | 43.5 |  |  |
| 12.8 |  |  | 33.9 | 32.3 |  |  | 43.9 | 43.0 |  |  |
| 13.0 |  |  | 31.7 | 31.5 |  |  | 42.6 | 42.5 |  |  |
| 13.2 |  |  | 31.7 | 30.6 |  |  | 41.2 | 42.0 |  |  |
| 13.3 |  |  | 29.3 | 29.5 |  |  |  |  |  |  |
| 13.5 |  |  |  |  |  |  |  |  |  |  |