

|                           |                                                                                                                                                                                                                                                                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Name                 | <b>CDR, PF, rep 1</b>                                                                                                                                                                                                                                                                                                             |
| Cladding                  | <b>Cedar Wood</b>                                                                                                                                                                                                                                                                                                                 |
| Cladding Thickness [mm]   | <b>12</b>                                                                                                                                                                                                                                                                                                                         |
| Insulation                | <b>Phenolic (PF) foam</b>                                                                                                                                                                                                                                                                                                         |
| Insulation Thickness [mm] | <b>100</b>                                                                                                                                                                                                                                                                                                                        |
| Cavity Width [mm]         | <b>50</b>                                                                                                                                                                                                                                                                                                                         |
| Repetition Number         | <b>1</b>                                                                                                                                                                                                                                                                                                                          |
| Mass Flow Rate (Propane)  | <b>0.2</b>                                                                                                                                                                                                                                                                                                                        |
| Description               | This experiment is on a system consisting of a Cedar Wood cladding panel and a Phenolic (PF) foam insulation panel, separated with a cavity of 50 mm width. It is the first repetition of this system configuration.                                                                                                              |
| Experiment Notes          | At approximately 14 minutes ignition of the cedar vertical supports was observed, combined with increased smouldering within the Phenolic foam insulation, leading to a secondary peak in fire size. The Phenolic foam insulation was seen to continue smouldering after the experiment was terminated, requiring extinguishment. |
| Peak HRR [kW]             | <b>154</b>                                                                                                                                                                                                                                                                                                                        |
| Time to Peak HRR [mins]   | <b>3.63</b>                                                                                                                                                                                                                                                                                                                       |
| Residual HRR [kW]         | <b>21.5</b>                                                                                                                                                                                                                                                                                                                       |
| Total HR [MJ]             | <b>72.1</b>                                                                                                                                                                                                                                                                                                                       |
| Peak dQ/dt [kW/s]         | <b>1.23</b>                                                                                                                                                                                                                                                                                                                       |
| Time to Peak dQ/dt [s]    | <b>2.03</b>                                                                                                                                                                                                                                                                                                                       |

| Test Time<br>[s] | Heat Release<br>Rate<br>HRR [kW] | HRR<br>Smoothed<br>[kW] | Mass<br>Rainscreen<br>[kg] | Mass<br>Insulation<br>[kg] | Mass<br>Drip Tray<br>[kg] | Mass<br>Total<br>[kg] | MLR<br>Rainscreen<br>Smoothed 100pt<br>[g/s] | MLR<br>Insulation<br>Smoothed 100pt<br>[g/s] | MLR<br>Drip Tray<br>Smoothed 100pt<br>[g/s] | MLR<br>Total<br>Smoothed 100pt<br>[g/s] |
|------------------|----------------------------------|-------------------------|----------------------------|----------------------------|---------------------------|-----------------------|----------------------------------------------|----------------------------------------------|---------------------------------------------|-----------------------------------------|
| 0                | 0.0367                           | 0.0367                  | 2.9713                     | 2.3154                     | -0.0002                   | 5.2865                | 1.4443                                       | 0.8837                                       | 0.0315                                      | 2.3594                                  |
| 1                | 0.0878                           | 0.0685                  | 2.976                      | 2.313                      | -0.0004                   | 5.2886                | 1.4555                                       | 0.8692                                       | 0.029                                       | 2.3538                                  |
| 2                | 0.0809                           | 0.151                   | 2.973                      | 2.3104                     | -0.0005                   | 5.2829                | 1.5006                                       | 0.8795                                       | 0.0283                                      | 2.4084                                  |
| 3                | 0.302                            | 0.282                   | 2.9726                     | 2.3088                     | -0.0007                   | 5.2808                | 1.5353                                       | 0.885                                        | 0.0253                                      | 2.4455                                  |
| 4                | 0.246                            | 0.54                    | 2.9724                     | 2.3073                     | -0.0008                   | 5.2788                | 1.5562                                       | 0.8849                                       | 0.0214                                      | 2.4625                                  |
| 5                | 0.375                            | 0.85                    | 2.9728                     | 2.3056                     | -0.0009                   | 5.2775                | 1.5863                                       | 0.8808                                       | 0.0203                                      | 2.4874                                  |
| 6                | 0.849                            | 1.29                    | 2.973                      | 2.3044                     | -0.0008                   | 5.2766                | 1.6175                                       | 0.8778                                       | 0.0202                                      | 2.5155                                  |
| 7                | 1.17                             | 1.98                    | 2.9726                     | 2.3033                     | -0.0009                   | 5.2751                | 1.6285                                       | 0.8718                                       | 0.0179                                      | 2.5183                                  |
| 8                | 1.71                             | 2.77                    | 2.9722                     | 2.3024                     | -0.0008                   | 5.2737                | 1.6187                                       | 0.8672                                       | 0.0205                                      | 2.5064                                  |
| 9                | 2.13                             | 3.57                    | 2.9724                     | 2.3007                     | -0.0009                   | 5.2722                | 1.6112                                       | 0.8775                                       | 0.0204                                      | 2.509                                   |
| 10               | 2.36                             | 4.14                    | 2.9728                     | 2.3006                     | -0.001                    | 5.2725                | 1.6163                                       | 0.8834                                       | 0.0094                                      | 2.5091                                  |
| 11               | 3.22                             | 4.71                    | 2.9733                     | 2.2996                     | -0.001                    | 5.2719                | 1.6273                                       | 0.895                                        | 0.0047                                      | 2.5269                                  |
| 12               | 4.21                             | 5.35                    | 2.9736                     | 2.2989                     | -0.0009                   | 5.2716                | 1.6534                                       | 0.898                                        | 0.0054                                      | 2.5568                                  |
| 13               | 5.72                             | 6                       | 2.9734                     | 2.2983                     | -0.0009                   | 5.2709                | 1.6939                                       | 0.9179                                       | -0.0042                                     | 2.6076                                  |
| 14               | 7.18                             | 6.71                    | 2.9733                     | 2.2973                     | -0.0008                   | 5.2698                | 1.7508                                       | 0.9395                                       | -0.0143                                     | 2.6761                                  |
| 15               | 8.31                             | 7.43                    | 2.9729                     | 2.2968                     | -0.0009                   | 5.2688                | 1.8011                                       | 0.9432                                       | -0.0166                                     | 2.7277                                  |
| 16               | 9.08                             | 8.16                    | 2.9716                     | 2.2962                     | -0.001                    | 5.2669                | 1.8521                                       | 0.9513                                       | -0.017                                      | 2.7863                                  |
| 17               | 9.78                             | 8.84                    | 2.9699                     | 2.2957                     | -0.0011                   | 5.2645                | 1.908                                        | 0.9732                                       | -0.02                                       | 2.8613                                  |
| 18               | 11                               | 9.54                    | 2.969                      | 2.2951                     | -0.0013                   | 5.2628                | 1.9628                                       | 0.9877                                       | -0.0209                                     | 2.9297                                  |
| 19               | 10.9                             | 10.2                    | 2.9678                     | 2.2943                     | -0.0013                   | 5.2608                | 2.0432                                       | 0.9936                                       | -0.0228                                     | 3.014                                   |
| 20               | 10.8                             | 10.9                    | 2.9665                     | 2.2945                     | -0.0014                   | 5.2596                | 2.1094                                       | 1.0043                                       | -0.0256                                     | 3.0881                                  |
| 21               | 12.3                             | 11.5                    | 2.9657                     | 2.2937                     | -0.0015                   | 5.2579                | 2.1742                                       | 0.9932                                       | -0.027                                      | 3.1405                                  |
| 22               | 12.5                             | 12.1                    | 2.9644                     | 2.293                      | -0.0016                   | 5.2558                | 2.2115                                       | 0.991                                        | -0.0265                                     | 3.176                                   |
| 23               | 13.8                             | 12.7                    | 2.964                      | 2.2928                     | -0.0017                   | 5.2551                | 2.2557                                       | 0.9976                                       | -0.0247                                     | 3.2287                                  |
| 24               | 14.1                             | 13.1                    | 2.9631                     | 2.2919                     | -0.0018                   | 5.2532                | 2.3086                                       | 0.9973                                       | -0.0236                                     | 3.2824                                  |
| 25               | 14.6                             | 13.6                    | 2.9619                     | 2.2904                     | -0.0016                   | 5.2508                | 2.3483                                       | 1.0144                                       | -0.0243                                     | 3.3385                                  |
| 26               | 14.1                             | 14                      | 2.9608                     | 2.2894                     | -0.0013                   | 5.2489                | 2.3995                                       | 1.028                                        | -0.0251                                     | 3.4024                                  |
| 27               | 15.1                             | 14.5                    | 2.959                      | 2.2887                     | -0.0013                   | 5.2464                | 2.4369                                       | 1.0267                                       | -0.0283                                     | 3.4353                                  |
| 28               | 15.2                             | 15                      | 2.9584                     | 2.2877                     | -0.0013                   | 5.2448                | 2.4702                                       | 1.0223                                       | -0.0297                                     | 3.4627                                  |

|    |      |      |        |        |         |        |        |        |         |        |
|----|------|------|--------|--------|---------|--------|--------|--------|---------|--------|
| 29 | 14.6 | 15.6 | 2.9575 | 2.2871 | -0.0012 | 5.2434 | 2.515  | 1.021  | -0.0322 | 3.5038 |
| 30 | 15.5 | 16.2 | 2.9554 | 2.2859 | -0.0012 | 5.2401 | 2.554  | 1.0242 | -0.0317 | 3.5465 |
| 31 | 15.5 | 16.7 | 2.953  | 2.2859 | -0.0012 | 5.2377 | 2.5793 | 1.0207 | -0.0288 | 3.5712 |
| 32 | 16   | 17.3 | 2.9519 | 2.2858 | -0.0011 | 5.2365 | 2.6221 | 1.0223 | -0.0259 | 3.6185 |
| 33 | 15.9 | 17.9 | 2.9498 | 2.2851 | -0.0012 | 5.2337 | 2.6556 | 1.0176 | -0.0266 | 3.6466 |
| 34 | 16.6 | 18.4 | 2.9467 | 2.2843 | -0.0012 | 5.2298 | 2.6891 | 1.021  | -0.0252 | 3.6849 |
| 35 | 18.4 | 19   | 2.9439 | 2.2841 | -0.0013 | 5.2266 | 2.7428 | 1.0188 | -0.0246 | 3.737  |
| 36 | 19.2 | 19.6 | 2.941  | 2.2841 | -0.0013 | 5.2237 | 2.7909 | 1.0203 | -0.0235 | 3.7878 |
| 37 | 20.2 | 20.1 | 2.9365 | 2.2838 | -0.0013 | 5.219  | 2.84   | 1.022  | -0.0221 | 3.8399 |
| 38 | 21.2 | 20.8 | 2.9331 | 2.2835 | -0.0013 | 5.2152 | 2.872  | 1.0183 | -0.02   | 3.8703 |
| 39 | 22.6 | 21.5 | 2.9294 | 2.2824 | -0.0013 | 5.2105 | 2.919  | 1.0198 | -0.0186 | 3.9203 |
| 40 | 23.1 | 22.2 | 2.9248 | 2.2816 | -0.0013 | 5.2051 | 2.9629 | 1.0239 | -0.0197 | 3.9671 |
| 41 | 23   | 22.8 | 2.9218 | 2.2806 | -0.0014 | 5.201  | 2.9786 | 1.0271 | -0.021  | 3.9848 |
| 42 | 24.7 | 23.7 | 2.9185 | 2.2792 | -0.0016 | 5.196  | 3.0075 | 1.0314 | -0.0187 | 4.0202 |
| 43 | 24.2 | 24.5 | 2.915  | 2.2788 | -0.0014 | 5.1924 | 3.0203 | 1.0298 | -0.0219 | 4.0282 |
| 44 | 25.2 | 25.2 | 2.9115 | 2.2784 | -0.0014 | 5.1885 | 3.0236 | 1.0273 | -0.0233 | 4.0276 |
| 45 | 25.4 | 25.9 | 2.91   | 2.2777 | -0.0011 | 5.1866 | 3.0449 | 1.0297 | -0.0218 | 4.0528 |
| 46 | 25.9 | 26.6 | 2.9088 | 2.2768 | -0.001  | 5.1846 | 3.0526 | 1.0358 | -0.0223 | 4.0661 |
| 47 | 28.3 | 27.4 | 2.9067 | 2.276  | -0.0012 | 5.1814 | 3.0675 | 1.0352 | -0.0199 | 4.0828 |
| 48 | 27.2 | 28.2 | 2.9039 | 2.2753 | -0.0014 | 5.1779 | 3.0781 | 1.0346 | -0.0191 | 4.0936 |
| 49 | 28.9 | 28.8 | 2.899  | 2.2746 | -0.0015 | 5.1721 | 3.0928 | 1.0379 | -0.0207 | 4.11   |
| 50 | 28.3 | 29.6 | 2.897  | 2.2745 | -0.0014 | 5.1701 | 3.1093 | 1.0424 | -0.0226 | 4.1291 |
| 51 | 32.5 | 30.3 | 2.8932 | 2.2731 | -0.0014 | 5.1649 | 3.1536 | 1.026  | -0.0268 | 4.1528 |
| 52 | 30.2 | 30.9 | 2.8898 | 2.2719 | -0.0013 | 5.1605 | 3.2502 | 1.0213 | -0.03   | 4.2415 |
| 53 | 30.8 | 31.8 | 2.8872 | 2.271  | -0.0011 | 5.1571 | 3.2639 | 1.0048 | -0.0302 | 4.2385 |
| 54 | 31.9 | 32.7 | 2.884  | 2.2704 | -0.001  | 5.1533 | 3.2984 | 1.0072 | -0.0308 | 4.2748 |
| 55 | 32.6 | 33.6 | 2.8806 | 2.2697 | -0.0011 | 5.1492 | 3.3531 | 0.9993 | -0.0348 | 4.3176 |
| 56 | 35.5 | 34.5 | 2.8784 | 2.2691 | -0.0009 | 5.1466 | 3.422  | 0.9978 | -0.0395 | 4.3803 |
| 57 | 34.9 | 35.3 | 2.8773 | 2.2685 | -0.0011 | 5.1447 | 3.4965 | 0.9937 | -0.039  | 4.4513 |
| 58 | 34.3 | 36.2 | 2.8761 | 2.267  | -0.0011 | 5.1421 | 3.5542 | 0.9912 | -0.0392 | 4.5062 |
| 59 | 38.3 | 37.1 | 2.8742 | 2.2658 | -0.0005 | 5.1396 | 3.6029 | 0.9894 | -0.0391 | 4.5531 |
| 60 | 35.8 | 38.1 | 2.8719 | 2.2642 | -0.0002 | 5.136  | 3.6614 | 0.983  | -0.0388 | 4.6056 |
| 61 | 37.4 | 38.9 | 2.8687 | 2.2631 | -0.0003 | 5.1316 | 3.7369 | 0.9903 | -0.0384 | 4.6888 |
| 62 | 40.4 | 40.1 | 2.8645 | 2.261  | 0.0003  | 5.1258 | 3.8112 | 0.9915 | -0.0393 | 4.7634 |
| 63 | 42.6 | 41.5 | 2.8591 | 2.2587 | 0.001   | 5.1188 | 3.8671 | 1.0015 | -0.039  | 4.8295 |
| 64 | 43.2 | 43   | 2.8541 | 2.2575 | 0.0012  | 5.1128 | 3.9329 | 1.0167 | -0.0386 | 4.911  |
| 65 | 42.6 | 44.7 | 2.849  | 2.256  | 0.0012  | 5.1062 | 3.9818 | 1.0138 | -0.0386 | 4.9571 |

|     |      |      |        |        |        |        |        |        |         |        |
|-----|------|------|--------|--------|--------|--------|--------|--------|---------|--------|
| 66  | 43.4 | 46.1 | 2.8434 | 2.2536 | 0.0014 | 5.0984 | 4.049  | 1.0209 | -0.0423 | 5.0277 |
| 67  | 43.6 | 47.8 | 2.8377 | 2.2517 | 0.0015 | 5.0909 | 4.0935 | 1.0239 | -0.0436 | 5.0738 |
| 68  | 45.8 | 49.8 | 2.8302 | 2.2503 | 0.0017 | 5.0821 | 4.1346 | 1.0273 | -0.041  | 5.1209 |
| 69  | 47.2 | 51.7 | 2.8235 | 2.2485 | 0.0019 | 5.0739 | 4.2208 | 1.0288 | -0.0408 | 5.2088 |
| 70  | 49.3 | 54   | 2.8168 | 2.2483 | 0.002  | 5.0671 | 4.3102 | 1.031  | -0.0377 | 5.3036 |
| 71  | 52.9 | 56.4 | 2.812  | 2.2475 | 0.002  | 5.0614 | 4.3627 | 1.0414 | -0.0363 | 5.3677 |
| 72  | 56.8 | 58.5 | 2.8065 | 2.246  | 0.0019 | 5.0544 | 4.4318 | 1.0495 | -0.0379 | 5.4434 |
| 73  | 60.9 | 60.7 | 2.8004 | 2.245  | 0.0018 | 5.0472 | 4.489  | 1.053  | -0.0375 | 5.5045 |
| 74  | 63.5 | 62.7 | 2.7951 | 2.2427 | 0.0019 | 5.0397 | 4.5566 | 1.0673 | -0.0403 | 5.5836 |
| 75  | 63.2 | 64.9 | 2.7888 | 2.2407 | 0.002  | 5.0315 | 4.6304 | 1.0687 | -0.0429 | 5.6561 |
| 76  | 66.7 | 66.9 | 2.7836 | 2.2398 | 0.0023 | 5.0256 | 4.706  | 1.0651 | -0.0401 | 5.731  |
| 77  | 72.8 | 69   | 2.7785 | 2.2391 | 0.0024 | 5.02   | 4.7338 | 1.0725 | -0.0375 | 5.7688 |
| 78  | 75   | 70.9 | 2.7725 | 2.2382 | 0.0026 | 5.0133 | 4.7719 | 1.082  | -0.0363 | 5.8176 |
| 79  | 77.9 | 72.9 | 2.7669 | 2.2369 | 0.0026 | 5.0064 | 4.8291 | 1.0912 | -0.0365 | 5.8837 |
| 80  | 84.5 | 74.7 | 2.7623 | 2.2361 | 0.0024 | 5.0008 | 4.8689 | 1.1035 | -0.0361 | 5.9364 |
| 81  | 79   | 76.4 | 2.7562 | 2.235  | 0.0022 | 4.9934 | 4.9064 | 1.1051 | -0.036  | 5.9754 |
| 82  | 84.4 | 77.8 | 2.7508 | 2.2344 | 0.0023 | 4.9874 | 4.9357 | 1.1163 | -0.0367 | 6.0154 |
| 83  | 82.3 | 78.8 | 2.7453 | 2.2331 | 0.0022 | 4.9806 | 4.9955 | 1.1251 | -0.0353 | 6.0853 |
| 84  | 84.5 | 79.7 | 2.7381 | 2.2322 | 0.0022 | 4.9725 | 5.0365 | 1.1391 | -0.034  | 6.1416 |
| 85  | 81.2 | 80.7 | 2.7312 | 2.2311 | 0.0021 | 4.9644 | 5.0722 | 1.1378 | -0.0351 | 6.175  |
| 86  | 83.6 | 81.5 | 2.7241 | 2.2299 | 0.002  | 4.956  | 5.1246 | 1.1461 | -0.0372 | 6.2335 |
| 87  | 82.4 | 81.8 | 2.7185 | 2.2292 | 0.0018 | 4.9495 | 5.167  | 1.1561 | -0.0386 | 6.2845 |
| 88  | 84.7 | 82.1 | 2.7114 | 2.2281 | 0.0017 | 4.9412 | 5.2029 | 1.1646 | -0.0383 | 6.3292 |
| 89  | 82.8 | 82.2 | 2.7045 | 2.2267 | 0.0019 | 4.9331 | 5.2629 | 1.1744 | -0.0365 | 6.4007 |
| 90  | 85.6 | 82.1 | 2.7001 | 2.2253 | 0.002  | 4.9275 | 5.3347 | 1.1779 | -0.0348 | 6.4778 |
| 91  | 83.3 | 82.1 | 2.6945 | 2.2239 | 0.0018 | 4.9202 | 5.3777 | 1.1877 | -0.0354 | 6.5301 |
| 92  | 78.9 | 81.9 | 2.6903 | 2.2231 | 0.0021 | 4.9155 | 5.4245 | 1.1951 | -0.039  | 6.5807 |
| 93  | 82   | 81.6 | 2.687  | 2.2223 | 0.0023 | 4.9115 | 5.4667 | 1.2036 | -0.0413 | 6.6289 |
| 94  | 81.7 | 81.3 | 2.6819 | 2.221  | 0.0022 | 4.9051 | 5.497  | 1.215  | -0.04   | 6.672  |
| 95  | 81.3 | 81.4 | 2.6781 | 2.2194 | 0.0022 | 4.8998 | 5.542  | 1.2255 | -0.0366 | 6.7309 |
| 96  | 79.5 | 81.2 | 2.6737 | 2.2184 | 0.002  | 4.8941 | 5.5956 | 1.2367 | -0.0346 | 6.7977 |
| 97  | 81.2 | 81   | 2.6695 | 2.2174 | 0.002  | 4.8889 | 5.6551 | 1.2438 | -0.0346 | 6.8642 |
| 98  | 79.6 | 80.9 | 2.665  | 2.2161 | 0.0021 | 4.8832 | 5.7303 | 1.2469 | -0.0386 | 6.9386 |
| 99  | 81.3 | 81   | 2.6603 | 2.2146 | 0.0023 | 4.8772 | 5.7819 | 1.2503 | -0.0403 | 6.9919 |
| 100 | 79.8 | 80.8 | 2.6559 | 2.2128 | 0.0025 | 4.8712 | 5.8352 | 1.2551 | -0.0409 | 7.0493 |
| 101 | 80.3 | 80.7 | 2.6509 | 2.2109 | 0.0026 | 4.8644 | 5.9016 | 1.2624 | -0.0385 | 7.1255 |
| 102 | 77.7 | 80.8 | 2.6466 | 2.2099 | 0.0025 | 4.8591 | 5.9414 | 1.2622 | -0.0387 | 7.1649 |

|     |      |      |        |        |        |        |        |        |         |        |
|-----|------|------|--------|--------|--------|--------|--------|--------|---------|--------|
| 103 | 78.3 | 81.1 | 2.6428 | 2.2081 | 0.0024 | 4.8533 | 5.9833 | 1.2701 | -0.0384 | 7.215  |
| 104 | 82.4 | 81.8 | 2.6371 | 2.2073 | 0.0027 | 4.8471 | 6.0391 | 1.2736 | -0.0386 | 7.2742 |
| 105 | 79.8 | 82.4 | 2.6306 | 2.2058 | 0.0031 | 4.8394 | 6.0675 | 1.2798 | -0.0384 | 7.3089 |
| 106 | 79.9 | 83.3 | 2.6233 | 2.205  | 0.0031 | 4.8315 | 6.1192 | 1.2847 | -0.0376 | 7.3664 |
| 107 | 82.1 | 84   | 2.6172 | 2.2042 | 0.003  | 4.8244 | 6.2147 | 1.292  | -0.038  | 7.4687 |
| 108 | 84.4 | 85.1 | 2.6119 | 2.2035 | 0.0031 | 4.8184 | 6.2914 | 1.2958 | -0.0421 | 7.5452 |
| 109 | 82   | 85.8 | 2.6063 | 2.2025 | 0.003  | 4.8117 | 6.3515 | 1.2928 | -0.0422 | 7.6022 |
| 110 | 80.3 | 86.8 | 2.5991 | 2.2016 | 0.0028 | 4.8036 | 6.4214 | 1.2947 | -0.0366 | 7.6795 |
| 111 | 82.6 | 87.7 | 2.5921 | 2.2004 | 0.0029 | 4.7955 | 6.4805 | 1.2891 | -0.0341 | 7.7356 |
| 112 | 87.4 | 88.7 | 2.5869 | 2.1988 | 0.003  | 4.7887 | 6.5388 | 1.2888 | -0.033  | 7.7946 |
| 113 | 95.4 | 89.9 | 2.5801 | 2.1966 | 0.003  | 4.7798 | 6.5813 | 1.2765 | -0.0279 | 7.8299 |
| 114 | 92.2 | 91.1 | 2.5751 | 2.1959 | 0.003  | 4.7741 | 6.605  | 1.2665 | -0.022  | 7.8494 |
| 115 | 96.2 | 92.3 | 2.568  | 2.1947 | 0.0033 | 4.766  | 6.6423 | 1.2708 | -0.0222 | 7.8908 |
| 116 | 94.8 | 93.2 | 2.5623 | 2.1938 | 0.0034 | 4.7595 | 6.6603 | 1.2719 | -0.0219 | 7.9102 |
| 117 | 101  | 93.9 | 2.5564 | 2.193  | 0.003  | 4.7524 | 6.6851 | 1.2714 | -0.0177 | 7.9389 |
| 118 | 94.2 | 94.7 | 2.5469 | 2.1922 | 0.0028 | 4.7419 | 6.7071 | 1.266  | -0.0158 | 7.9573 |
| 119 | 98.7 | 95.7 | 2.5367 | 2.1912 | 0.0025 | 4.7304 | 6.717  | 1.2696 | -0.0138 | 7.9729 |
| 120 | 96.8 | 96.8 | 2.5302 | 2.1904 | 0.0022 | 4.7228 | 6.7484 | 1.268  | -0.0131 | 8.0034 |
| 121 | 96.1 | 97.8 | 2.5225 | 2.1888 | 0.0023 | 4.7135 | 6.772  | 1.2782 | -0.0149 | 8.0352 |
| 122 | 102  | 98.4 | 2.5155 | 2.1877 | 0.0021 | 4.7054 | 6.8036 | 1.2818 | -0.0186 | 8.0667 |
| 123 | 104  | 99   | 2.5084 | 2.1861 | 0.0023 | 4.6968 | 6.852  | 1.2794 | -0.0218 | 8.1096 |
| 124 | 103  | 99.6 | 2.5001 | 2.185  | 0.0025 | 4.6876 | 6.9002 | 1.2895 | -0.0214 | 8.1683 |
| 125 | 97.1 | 99.9 | 2.4913 | 2.1839 | 0.0024 | 4.6777 | 6.9651 | 1.2749 | -0.02   | 8.22   |
| 126 | 95.8 | 101  | 2.4874 | 2.1822 | 0.0025 | 4.672  | 6.9889 | 1.2612 | -0.0191 | 8.231  |
| 127 | 99.9 | 101  | 2.4818 | 2.1805 | 0.0024 | 4.6646 | 7.0444 | 1.2597 | -0.0155 | 8.2886 |
| 128 | 99.4 | 102  | 2.4755 | 2.1786 | 0.0023 | 4.6564 | 7.0871 | 1.2634 | -0.013  | 8.3375 |
| 129 | 103  | 102  | 2.4706 | 2.1768 | 0.0024 | 4.6498 | 7.0878 | 1.2697 | -0.0099 | 8.3476 |
| 130 | 101  | 103  | 2.4648 | 2.1754 | 0.0024 | 4.6426 | 7.1319 | 1.2743 | -0.0108 | 8.3953 |
| 131 | 99.2 | 103  | 2.4594 | 2.1743 | 0.0025 | 4.6362 | 7.1668 | 1.287  | -0.0132 | 8.4407 |
| 132 | 106  | 103  | 2.4523 | 2.1733 | 0.0024 | 4.628  | 7.1966 | 1.2966 | -0.016  | 8.4773 |
| 133 | 104  | 104  | 2.4461 | 2.1712 | 0.0022 | 4.6195 | 7.2373 | 1.3094 | -0.0147 | 8.532  |
| 134 | 103  | 104  | 2.4395 | 2.1705 | 0.0023 | 4.6123 | 7.2766 | 1.3152 | -0.014  | 8.5778 |
| 135 | 109  | 104  | 2.4314 | 2.1694 | 0.0024 | 4.6033 | 7.3034 | 1.3308 | -0.0139 | 8.6203 |
| 136 | 108  | 105  | 2.4243 | 2.1685 | 0.0025 | 4.5953 | 7.3326 | 1.3328 | -0.017  | 8.6483 |
| 137 | 104  | 106  | 2.4162 | 2.1674 | 0.0025 | 4.5861 | 7.3977 | 1.3277 | -0.0198 | 8.7056 |
| 138 | 109  | 107  | 2.4068 | 2.166  | 0.0024 | 4.5752 | 7.4448 | 1.3317 | -0.0225 | 8.754  |
| 139 | 108  | 107  | 2.3959 | 2.1646 | 0.0022 | 4.5627 | 7.4781 | 1.3294 | -0.0207 | 8.7867 |

|     |     |     |        |        |        |        |        |        |         |         |
|-----|-----|-----|--------|--------|--------|--------|--------|--------|---------|---------|
| 140 | 106 | 108 | 2.387  | 2.1628 | 0.0022 | 4.5521 | 7.4958 | 1.333  | -0.0205 | 8.8082  |
| 141 | 106 | 109 | 2.3794 | 2.1611 | 0.0025 | 4.5429 | 7.5707 | 1.3392 | -0.0203 | 8.8896  |
| 142 | 108 | 109 | 2.3718 | 2.1589 | 0.0025 | 4.5332 | 7.6342 | 1.3376 | -0.0227 | 8.9491  |
| 143 | 109 | 110 | 2.3653 | 2.1573 | 0.0026 | 4.5252 | 7.6889 | 1.3462 | -0.0195 | 9.0156  |
| 144 | 107 | 110 | 2.3573 | 2.1558 | 0.0023 | 4.5155 | 7.7832 | 1.3567 | -0.0214 | 9.1185  |
| 145 | 110 | 110 | 2.3505 | 2.1541 | 0.0023 | 4.5068 | 7.8463 | 1.3583 | -0.027  | 9.1775  |
| 146 | 114 | 111 | 2.3433 | 2.1524 | 0.0025 | 4.4981 | 7.9148 | 1.3572 | -0.0277 | 9.2443  |
| 147 | 113 | 111 | 2.3337 | 2.1513 | 0.0026 | 4.4876 | 7.966  | 1.3634 | -0.032  | 9.2973  |
| 148 | 110 | 112 | 2.3257 | 2.1503 | 0.0026 | 4.4787 | 8.0311 | 1.3686 | -0.0342 | 9.3654  |
| 149 | 114 | 112 | 2.3155 | 2.1491 | 0.0026 | 4.4672 | 8.0831 | 1.3713 | -0.0309 | 9.4235  |
| 150 | 116 | 113 | 2.3068 | 2.1483 | 0.0025 | 4.4575 | 8.1174 | 1.3727 | -0.0276 | 9.4626  |
| 151 | 113 | 114 | 2.299  | 2.1469 | 0.0025 | 4.4484 | 8.175  | 1.3699 | -0.0281 | 9.5168  |
| 152 | 118 | 115 | 2.2915 | 2.1449 | 0.0026 | 4.439  | 8.2147 | 1.3639 | -0.026  | 9.5527  |
| 153 | 106 | 116 | 2.2833 | 2.1437 | 0.0028 | 4.4297 | 8.2875 | 1.3731 | -0.0254 | 9.6351  |
| 154 | 113 | 117 | 2.2772 | 2.1424 | 0.0028 | 4.4224 | 8.3436 | 1.3739 | -0.0236 | 9.6939  |
| 155 | 118 | 118 | 2.2687 | 2.1412 | 0.0027 | 4.4126 | 8.3934 | 1.3747 | -0.0204 | 9.7476  |
| 156 | 114 | 118 | 2.2569 | 2.1399 | 0.0029 | 4.3997 | 8.4365 | 1.3787 | -0.0176 | 9.7976  |
| 157 | 116 | 119 | 2.2482 | 2.1389 | 0.0031 | 4.3902 | 8.4498 | 1.3888 | -0.0201 | 9.8184  |
| 158 | 122 | 120 | 2.241  | 2.1378 | 0.0031 | 4.3819 | 8.468  | 1.3959 | -0.022  | 9.8419  |
| 159 | 125 | 121 | 2.2321 | 2.1363 | 0.0032 | 4.3716 | 8.4868 | 1.4095 | -0.022  | 9.8742  |
| 160 | 126 | 122 | 2.2239 | 2.1353 | 0.0032 | 4.3624 | 8.5126 | 1.4154 | -0.0212 | 9.9068  |
| 161 | 129 | 123 | 2.2148 | 2.1343 | 0.003  | 4.3521 | 8.5316 | 1.4217 | -0.0209 | 9.9325  |
| 162 | 128 | 124 | 2.2064 | 2.1333 | 0.0031 | 4.3428 | 8.5499 | 1.4228 | -0.0187 | 9.9539  |
| 163 | 123 | 125 | 2.1987 | 2.132  | 0.0032 | 4.3339 | 8.5871 | 1.4246 | -0.0208 | 9.9909  |
| 164 | 123 | 126 | 2.1899 | 2.1304 | 0.0034 | 4.3237 | 8.595  | 1.4185 | -0.0189 | 9.9946  |
| 165 | 125 | 127 | 2.1829 | 2.1289 | 0.0034 | 4.3152 | 8.6287 | 1.4202 | -0.0159 | 10.033  |
| 166 | 125 | 128 | 2.1748 | 2.1265 | 0.0032 | 4.3045 | 8.6615 | 1.4241 | -0.0129 | 10.0727 |
| 167 | 131 | 129 | 2.167  | 2.125  | 0.0031 | 4.2951 | 8.6986 | 1.4273 | -0.0133 | 10.1125 |
| 168 | 131 | 130 | 2.1585 | 2.1233 | 0.003  | 4.2848 | 8.74   | 1.4285 | -0.0169 | 10.1515 |
| 169 | 130 | 131 | 2.1487 | 2.1217 | 0.0032 | 4.2736 | 8.7351 | 1.4334 | -0.0179 | 10.1506 |
| 170 | 132 | 131 | 2.1396 | 2.1205 | 0.0035 | 4.2636 | 8.7235 | 1.4433 | -0.0213 | 10.1455 |
| 171 | 135 | 132 | 2.1316 | 2.1193 | 0.0039 | 4.2548 | 8.7291 | 1.4479 | -0.0244 | 10.1526 |
| 172 | 137 | 133 | 2.1213 | 2.1181 | 0.0041 | 4.2434 | 8.7104 | 1.4523 | -0.025  | 10.1377 |
| 173 | 134 | 134 | 2.1103 | 2.1161 | 0.004  | 4.2304 | 8.7062 | 1.4539 | -0.0242 | 10.1359 |
| 174 | 135 | 135 | 2.0986 | 2.1152 | 0.0039 | 4.2177 | 8.7245 | 1.4515 | -0.0211 | 10.1549 |
| 175 | 130 | 136 | 2.0899 | 2.1146 | 0.0039 | 4.2084 | 8.7228 | 1.4539 | -0.0181 | 10.1587 |
| 176 | 137 | 137 | 2.0791 | 2.1138 | 0.0038 | 4.1967 | 8.7427 | 1.4547 | -0.0187 | 10.1787 |

|     |     |     |        |        |        |        |        |        |         |         |
|-----|-----|-----|--------|--------|--------|--------|--------|--------|---------|---------|
| 177 | 138 | 137 | 2.0698 | 2.1127 | 0.0037 | 4.1863 | 8.8004 | 1.4471 | -0.0178 | 10.2297 |
| 178 | 135 | 138 | 2.0637 | 2.1112 | 0.0036 | 4.1785 | 8.8571 | 1.442  | -0.0221 | 10.277  |
| 179 | 140 | 139 | 2.0537 | 2.1095 | 0.0037 | 4.1668 | 8.8831 | 1.4379 | -0.0255 | 10.2955 |
| 180 | 138 | 140 | 2.0456 | 2.1074 | 0.0037 | 4.1568 | 8.9173 | 1.436  | -0.0271 | 10.3262 |
| 181 | 140 | 140 | 2.0365 | 2.1053 | 0.0038 | 4.1457 | 8.957  | 1.4381 | -0.0284 | 10.3667 |
| 182 | 144 | 140 | 2.0271 | 2.1034 | 0.0038 | 4.1342 | 8.9876 | 1.4434 | -0.0265 | 10.4045 |
| 183 | 149 | 141 | 2.0177 | 2.1015 | 0.0036 | 4.1228 | 8.9961 | 1.4445 | -0.0254 | 10.4152 |
| 184 | 143 | 142 | 2.0077 | 2.0991 | 0.0036 | 4.1104 | 9.0175 | 1.44   | -0.027  | 10.4305 |
| 185 | 140 | 142 | 1.9979 | 2.0978 | 0.0038 | 4.0995 | 9.0481 | 1.4397 | -0.0259 | 10.4619 |
| 186 | 142 | 143 | 1.9843 | 2.0971 | 0.004  | 4.0855 | 9.0485 | 1.4373 | -0.0258 | 10.4601 |
| 187 | 141 | 144 | 1.974  | 2.096  | 0.0041 | 4.0741 | 9.0693 | 1.4406 | -0.0284 | 10.4815 |
| 188 | 145 | 145 | 1.9636 | 2.0951 | 0.0038 | 4.0625 | 9.066  | 1.4476 | -0.0239 | 10.4896 |
| 189 | 148 | 146 | 1.955  | 2.0934 | 0.0039 | 4.0522 | 9.0555 | 1.4469 | -0.0231 | 10.4793 |
| 190 | 142 | 147 | 1.9431 | 2.0914 | 0.004  | 4.0385 | 9.021  | 1.4468 | -0.027  | 10.4408 |
| 191 | 143 | 147 | 1.9311 | 2.0902 | 0.0041 | 4.0253 | 9.0036 | 1.4417 | -0.0285 | 10.4168 |
| 192 | 150 | 148 | 1.9214 | 2.0884 | 0.0041 | 4.0139 | 9.0115 | 1.4381 | -0.0274 | 10.4221 |
| 193 | 145 | 149 | 1.9087 | 2.0866 | 0.0044 | 3.9997 | 9.02   | 1.4272 | -0.0246 | 10.4226 |
| 194 | 142 | 149 | 1.8973 | 2.0852 | 0.0049 | 3.9873 | 9.0314 | 1.4213 | -0.022  | 10.4306 |
| 195 | 149 | 150 | 1.8867 | 2.0837 | 0.005  | 3.9753 | 9.0099 | 1.4156 | -0.0242 | 10.4013 |
| 196 | 155 | 151 | 1.8771 | 2.0821 | 0.0052 | 3.9643 | 9.0098 | 1.4103 | -0.0265 | 10.3937 |
| 197 | 156 | 152 | 1.8664 | 2.0806 | 0.0054 | 3.9524 | 9.0148 | 1.4086 | -0.0264 | 10.3971 |
| 198 | 158 | 153 | 1.8567 | 2.0789 | 0.0052 | 3.9409 | 9.0222 | 1.4067 | -0.0275 | 10.4014 |
| 199 | 162 | 153 | 1.8485 | 2.0773 | 0.0051 | 3.9309 | 8.998  | 1.4104 | -0.0259 | 10.3825 |
| 200 | 145 | 154 | 1.8384 | 2.0758 | 0.0053 | 3.9195 | 8.9672 | 1.4094 | -0.023  | 10.3536 |
| 201 | 153 | 155 | 1.8295 | 2.0745 | 0.0052 | 3.9092 | 8.9617 | 1.4111 | -0.0252 | 10.3476 |
| 202 | 162 | 156 | 1.8179 | 2.0726 | 0.005  | 3.8955 | 8.968  | 1.4086 | -0.0262 | 10.3503 |
| 203 | 156 | 157 | 1.8084 | 2.0707 | 0.0048 | 3.8839 | 8.9667 | 1.4001 | -0.0247 | 10.3421 |
| 204 | 156 | 158 | 1.7977 | 2.0699 | 0.0047 | 3.8723 | 8.9491 | 1.4021 | -0.0237 | 10.3274 |
| 205 | 159 | 158 | 1.7869 | 2.0679 | 0.0049 | 3.8597 | 8.9519 | 1.4002 | -0.025  | 10.3272 |
| 206 | 159 | 159 | 1.7784 | 2.0662 | 0.0051 | 3.8496 | 8.9332 | 1.3976 | -0.0259 | 10.3049 |
| 207 | 157 | 160 | 1.7704 | 2.0646 | 0.0052 | 3.8402 | 8.8919 | 1.3953 | -0.022  | 10.2652 |
| 208 | 163 | 160 | 1.7632 | 2.0625 | 0.0053 | 3.831  | 8.8698 | 1.3981 | -0.0182 | 10.2497 |
| 209 | 163 | 160 | 1.755  | 2.0609 | 0.0051 | 3.821  | 8.8565 | 1.3976 | -0.0171 | 10.237  |
| 210 | 161 | 161 | 1.746  | 2.0594 | 0.0049 | 3.8103 | 8.8244 | 1.3954 | -0.0132 | 10.2065 |
| 211 | 156 | 161 | 1.7371 | 2.0582 | 0.0048 | 3.8001 | 8.7965 | 1.3991 | -0.0154 | 10.1802 |
| 212 | 167 | 161 | 1.7282 | 2.0563 | 0.0051 | 3.7896 | 8.7632 | 1.4023 | -0.0219 | 10.1435 |
| 213 | 163 | 162 | 1.7206 | 2.0548 | 0.0049 | 3.7803 | 8.7106 | 1.407  | -0.0226 | 10.095  |

|     |     |     |        |        |        |        |        |        |         |         |
|-----|-----|-----|--------|--------|--------|--------|--------|--------|---------|---------|
| 214 | 158 | 162 | 1.7122 | 2.0539 | 0.0046 | 3.7708 | 8.6651 | 1.4031 | -0.0227 | 10.0455 |
| 215 | 169 | 162 | 1.7019 | 2.0523 | 0.0046 | 3.7588 | 8.6183 | 1.3985 | -0.0214 | 9.9953  |
| 216 | 172 | 162 | 1.6924 | 2.0511 | 0.0047 | 3.7482 | 8.6092 | 1.3924 | -0.0187 | 9.9829  |
| 217 | 163 | 162 | 1.6824 | 2.0501 | 0.0047 | 3.7373 | 8.5846 | 1.3823 | -0.0197 | 9.9472  |
| 218 | 160 | 162 | 1.6734 | 2.0489 | 0.0046 | 3.7269 | 8.5668 | 1.3728 | -0.0199 | 9.9197  |
| 219 | 160 | 162 | 1.6644 | 2.0469 | 0.0046 | 3.7159 | 8.5142 | 1.3647 | -0.0189 | 9.86    |
| 220 | 160 | 162 | 1.6573 | 2.0456 | 0.0047 | 3.7075 | 8.4572 | 1.3589 | -0.0171 | 9.799   |
| 221 | 164 | 162 | 1.6514 | 2.0435 | 0.0048 | 3.6998 | 8.4055 | 1.3601 | -0.0141 | 9.7515  |
| 222 | 165 | 161 | 1.6449 | 2.0423 | 0.0045 | 3.6918 | 8.3696 | 1.3564 | -0.0094 | 9.7166  |
| 223 | 161 | 161 | 1.6359 | 2.041  | 0.0044 | 3.6813 | 8.3124 | 1.3604 | -0.0065 | 9.6663  |
| 224 | 160 | 161 | 1.6278 | 2.0396 | 0.0043 | 3.6717 | 8.2389 | 1.3482 | -0.0086 | 9.5786  |
| 225 | 152 | 160 | 1.6171 | 2.0385 | 0.0043 | 3.6598 | 8.1642 | 1.3496 | -0.01   | 9.5037  |
| 226 | 164 | 159 | 1.6073 | 2.0374 | 0.0043 | 3.649  | 8.1116 | 1.3546 | -0.01   | 9.4562  |
| 227 | 163 | 159 | 1.5961 | 2.0363 | 0.0046 | 3.6369 | 8.0653 | 1.3602 | -0.0124 | 9.413   |
| 228 | 158 | 159 | 1.5872 | 2.0348 | 0.0049 | 3.6269 | 8.0401 | 1.3621 | -0.0432 | 9.359   |
| 229 | 157 | 159 | 1.5789 | 2.0332 | 0.0051 | 3.6171 | 8.0161 | 1.3546 | -0.0633 | 9.3073  |
| 230 | 160 | 159 | 1.5691 | 2.0316 | 0.0052 | 3.6059 | 7.9542 | 1.3484 | -0.0622 | 9.2404  |
| 231 | 155 | 158 | 1.5607 | 2.0299 | 0.0051 | 3.5957 | 7.9131 | 1.3358 | -0.0608 | 9.1881  |
| 232 | 153 | 157 | 1.5527 | 2.0288 | 0.005  | 3.5865 | 7.847  | 1.3321 | -0.058  | 9.1211  |
| 233 | 154 | 157 | 1.5443 | 2.0272 | 0.0049 | 3.5764 | 7.7756 | 1.318  | -0.0555 | 9.0382  |
| 234 | 157 | 157 | 1.5347 | 2.0265 | 0.0049 | 3.5661 | 7.7102 | 1.3122 | -0.058  | 8.9644  |
| 235 | 155 | 158 | 1.5266 | 2.0257 | 0.005  | 3.5573 | 7.6384 | 1.3041 | -0.0581 | 8.8844  |
| 236 | 160 | 158 | 1.5174 | 2.0244 | 0.0054 | 3.5471 | 7.557  | 1.3004 | -0.0557 | 8.8018  |
| 237 | 155 | 158 | 1.5096 | 2.0226 | 0.0049 | 3.5371 | 7.4372 | 1.3028 | -0.0548 | 8.6852  |
| 238 | 159 | 158 | 1.5012 | 2.0213 | 0.0047 | 3.5272 | 7.3581 | 1.3055 | -0.0515 | 8.6121  |
| 239 | 159 | 158 | 1.4938 | 2.0199 | 0.0049 | 3.5186 | 7.2764 | 1.3118 | -0.0517 | 8.5365  |
| 240 | 153 | 158 | 1.4867 | 2.0186 | 0.0051 | 3.5104 | 7.2075 | 1.3081 | -0.052  | 8.4636  |
| 241 | 152 | 158 | 1.4782 | 2.0173 | 0.0052 | 3.5007 | 7.108  | 1.2987 | -0.051  | 8.3557  |
| 242 | 163 | 159 | 1.4698 | 2.0161 | 0.005  | 3.4909 | 7.0321 | 1.2948 | -0.0502 | 8.2767  |
| 243 | 158 | 159 | 1.4622 | 2.0152 | 0.0048 | 3.4822 | 6.9723 | 1.2823 | -0.0494 | 8.2052  |
| 244 | 164 | 159 | 1.4563 | 2.0143 | 0.0047 | 3.4753 | 6.888  | 1.2751 | -0.0469 | 8.1163  |
| 245 | 164 | 159 | 1.4495 | 2.013  | 0.005  | 3.4675 | 6.798  | 1.2808 | -0.0414 | 8.0373  |
| 246 | 168 | 158 | 1.4418 | 2.0115 | 0.0051 | 3.4584 | 6.7228 | 1.27   | -0.0389 | 7.9539  |
| 247 | 153 | 158 | 1.4314 | 2.0106 | 0.0054 | 3.4474 | 6.6455 | 1.2721 | -0.0363 | 7.8812  |
| 248 | 160 | 157 | 1.4259 | 2.0092 | 0.0052 | 3.4404 | 6.5645 | 1.2672 | -0.0364 | 7.7953  |
| 249 | 163 | 157 | 1.4187 | 2.0082 | 0.0049 | 3.4318 | 6.5035 | 1.2603 | -0.0379 | 7.7259  |
| 250 | 158 | 156 | 1.4106 | 2.0071 | 0.005  | 3.4227 | 6.4587 | 1.2546 | -0.037  | 7.6764  |



|     |      |      |        |        |        |        |        |        |         |        |
|-----|------|------|--------|--------|--------|--------|--------|--------|---------|--------|
| 251 | 159  | 156  | 1.4022 | 2.006  | 0.0051 | 3.4133 | 6.3861 | 1.2449 | -0.0346 | 7.5964 |
| 252 | 156  | 155  | 1.3948 | 2.0049 | 0.0051 | 3.4048 | 6.3086 | 1.2402 | -0.0334 | 7.5154 |
| 253 | 154  | 154  | 1.3883 | 2.0035 | 0.0052 | 3.397  | 6.2042 | 1.2323 | -0.0342 | 7.4023 |
| 254 | 156  | 152  | 1.382  | 2.0024 | 0.0053 | 3.3897 | 6.1247 | 1.2241 | -0.0387 | 7.3101 |
| 255 | 150  | 151  | 1.3754 | 2.0014 | 0.0053 | 3.3821 | 6.0282 | 1.2254 | -0.039  | 7.2146 |
| 256 | 147  | 149  | 1.3677 | 2.0004 | 0.0051 | 3.3732 | 5.9337 | 1.2213 | -0.0324 | 7.1227 |
| 257 | 147  | 148  | 1.3612 | 1.9991 | 0.0049 | 3.3652 | 5.8711 | 1.2225 | -0.0292 | 7.0643 |
| 258 | 153  | 147  | 1.3553 | 1.998  | 0.0048 | 3.3581 | 5.7992 | 1.215  | -0.0305 | 6.9836 |
| 259 | 144  | 145  | 1.3496 | 1.9968 | 0.0045 | 3.351  | 5.7343 | 1.2062 | -0.0297 | 6.9108 |
| 260 | 140  | 143  | 1.3442 | 1.9954 | 0.0047 | 3.3444 | 5.6602 | 1.2009 | -0.0294 | 6.8317 |
| 261 | 143  | 141  | 1.3385 | 1.994  | 0.0052 | 3.3378 | 5.5949 | 1.1973 | -0.0333 | 6.7588 |
| 262 | 141  | 140  | 1.3353 | 1.9926 | 0.0054 | 3.3333 | 5.5272 | 1.1969 | -0.0355 | 6.6887 |
| 263 | 135  | 138  | 1.3321 | 1.9917 | 0.0055 | 3.3293 | 5.4657 | 1.1882 | -0.0318 | 6.622  |
| 264 | 138  | 136  | 1.3281 | 1.9906 | 0.0055 | 3.3242 | 5.4146 | 1.1822 | -0.0326 | 6.5642 |
| 265 | 141  | 135  | 1.322  | 1.9896 | 0.0053 | 3.3169 | 5.3553 | 1.1821 | -0.0334 | 6.5039 |
| 266 | 134  | 133  | 1.3164 | 1.9882 | 0.0052 | 3.3098 | 5.2676 | 1.176  | -0.0318 | 6.4119 |
| 267 | 126  | 131  | 1.3103 | 1.9878 | 0.0051 | 3.3032 | 5.1841 | 1.1756 | -0.0294 | 6.3303 |
| 268 | 125  | 129  | 1.3071 | 1.9868 | 0.0049 | 3.2988 | 5.0961 | 1.1754 | -0.0265 | 6.245  |
| 269 | 128  | 127  | 1.303  | 1.9858 | 0.0049 | 3.2937 | 5.0105 | 1.1708 | -0.0244 | 6.1569 |
| 270 | 126  | 126  | 1.2991 | 1.9845 | 0.0049 | 3.2885 | 4.9199 | 1.1638 | -0.025  | 6.0587 |
| 271 | 124  | 124  | 1.2946 | 1.9836 | 0.0048 | 3.2831 | 4.8572 | 1.1569 | -0.0243 | 5.9898 |
| 272 | 125  | 122  | 1.2901 | 1.982  | 0.0047 | 3.2768 | 4.8228 | 1.1506 | -0.0234 | 5.95   |
| 273 | 121  | 120  | 1.2864 | 1.9812 | 0.0048 | 3.2725 | 4.7772 | 1.1465 | -0.0269 | 5.8968 |
| 274 | 118  | 118  | 1.2822 | 1.9803 | 0.0049 | 3.2673 | 4.7061 | 1.1422 | -0.0304 | 5.8178 |
| 275 | 114  | 116  | 1.2788 | 1.9791 | 0.0049 | 3.2628 | 4.6432 | 1.1357 | -0.0326 | 5.7463 |
| 276 | 113  | 115  | 1.2726 | 1.9778 | 0.0051 | 3.2554 | 4.5396 | 1.1334 | -0.0278 | 5.6452 |
| 277 | 113  | 113  | 1.2658 | 1.9765 | 0.008  | 3.2504 | 4.4441 | 1.1337 | -0.0255 | 5.5523 |
| 278 | 115  | 112  | 1.2621 | 1.9757 | 0.0099 | 3.2478 | 4.3427 | 1.1344 | -0.0223 | 5.4548 |
| 279 | 108  | 110  | 1.2583 | 1.9746 | 0.0099 | 3.2428 | 4.2571 | 1.1252 | -0.0199 | 5.3624 |
| 280 | 105  | 108  | 1.2543 | 1.9739 | 0.0098 | 3.238  | 4.1841 | 1.1174 | -0.0189 | 5.2826 |
| 281 | 101  | 107  | 1.2518 | 1.9721 | 0.0096 | 3.2335 | 4.1031 | 1.1133 | -0.0185 | 5.198  |
| 282 | 109  | 105  | 1.2495 | 1.9716 | 0.0093 | 3.2304 | 4.0452 | 1.1083 | -0.0166 | 5.137  |
| 283 | 99.5 | 103  | 1.2466 | 1.9703 | 0.0094 | 3.2264 | 3.9873 | 1.1044 | -0.0177 | 5.074  |
| 284 | 102  | 101  | 1.2439 | 1.9687 | 0.0094 | 3.222  | 3.924  | 1.0936 | -0.0193 | 4.9983 |
| 285 | 104  | 99.9 | 1.2422 | 1.9678 | 0.0094 | 3.2193 | 3.8471 | 1.0932 | -0.0188 | 4.9215 |
| 286 | 98.6 | 98.4 | 1.2406 | 1.9669 | 0.0095 | 3.2169 | 3.7941 | 1.0931 | -0.016  | 4.8711 |
| 287 | 97.8 | 97   | 1.2382 | 1.9655 | 0.0092 | 3.2129 | 3.7166 | 1.0908 | -0.0136 | 4.7939 |

|     |      |      |        |        |        |        |        |        |         |        |
|-----|------|------|--------|--------|--------|--------|--------|--------|---------|--------|
| 288 | 97.9 | 95.2 | 1.236  | 1.9639 | 0.009  | 3.2089 | 3.6505 | 1.0831 | -0.0175 | 4.7162 |
| 289 | 92.7 | 94   | 1.2342 | 1.9626 | 0.0091 | 3.2059 | 3.5941 | 1.081  | -0.0194 | 4.6557 |
| 290 | 89.1 | 92.8 | 1.2323 | 1.9616 | 0.0091 | 3.203  | 3.5367 | 1.0724 | -0.0172 | 4.592  |
| 291 | 89.8 | 91.7 | 1.2279 | 1.9607 | 0.0091 | 3.1977 | 3.4796 | 1.0689 | -0.0119 | 4.5365 |
| 292 | 86.6 | 90.1 | 1.2242 | 1.9602 | 0.009  | 3.1934 | 3.4061 | 1.0685 | -0.0117 | 4.4628 |
| 293 | 87.1 | 89.1 | 1.2199 | 1.9591 | 0.0091 | 3.188  | 3.3162 | 1.0651 | -0.0095 | 4.3718 |
| 294 | 89.1 | 88   | 1.2175 | 1.9571 | 0.009  | 3.1836 | 3.2433 | 1.0719 | -0.012  | 4.3033 |
| 295 | 84   | 86.8 | 1.2144 | 1.9567 | 0.0089 | 3.1799 | 3.1974 | 1.067  | -0.012  | 4.2524 |
| 296 | 86.4 | 85.7 | 1.2125 | 1.9549 | 0.0088 | 3.1762 | 3.1495 | 1.0632 | -0.0108 | 4.2019 |
| 297 | 81.3 | 84.6 | 1.21   | 1.9538 | 0.009  | 3.1729 | 3.0889 | 1.0536 | -0.011  | 4.1315 |
| 298 | 84.4 | 83.5 | 1.2064 | 1.9529 | 0.009  | 3.1683 | 3.0053 | 1.053  | -0.009  | 4.0493 |
| 299 | 82.8 | 82.5 | 1.2027 | 1.9518 | 0.0088 | 3.1633 | 2.965  | 1.0475 | -0.0122 | 4.0004 |
| 300 | 79.3 | 81.5 | 1.1998 | 1.9513 | 0.0088 | 3.1599 | 2.9133 | 1.0425 | -0.0179 | 3.9379 |
| 301 | 78.8 | 80.5 | 1.1986 | 1.9505 | 0.0085 | 3.1576 | 2.8544 | 1.0387 | -0.016  | 3.877  |
| 302 | 80.6 | 79.7 | 1.1975 | 1.9494 | 0.0085 | 3.1553 | 2.7863 | 1.0359 | -0.0097 | 3.8125 |
| 303 | 80.7 | 78.9 | 1.196  | 1.9483 | 0.0086 | 3.1529 | 2.7217 | 1.0398 | -0.0104 | 3.7511 |
| 304 | 81.4 | 77.9 | 1.1949 | 1.9473 | 0.0086 | 3.1509 | 2.6637 | 1.0347 | -0.0112 | 3.6872 |
| 305 | 78.3 | 77   | 1.1935 | 1.9458 | 0.0081 | 3.1474 | 2.6195 | 1.0325 | -0.0081 | 3.644  |
| 306 | 77.4 | 76   | 1.1913 | 1.9439 | 0.008  | 3.1432 | 2.5738 | 1.0335 | -0.005  | 3.6023 |
| 307 | 77.3 | 75.3 | 1.1905 | 1.9431 | 0.0083 | 3.1419 | 2.496  | 1.0294 | -0.0061 | 3.5192 |
| 308 | 72.4 | 74.5 | 1.1898 | 1.9419 | 0.0083 | 3.1399 | 2.4053 | 1.0338 | -0.0058 | 3.4333 |
| 309 | 70.6 | 73.7 | 1.189  | 1.9408 | 0.008  | 3.1378 | 2.3342 | 1.0312 | -0.0069 | 3.3584 |
| 310 | 70.2 | 73   | 1.1865 | 1.9397 | 0.0083 | 3.1345 | 2.2933 | 1.0273 | -0.0091 | 3.3114 |
| 311 | 72   | 72.3 | 1.1844 | 1.9385 | 0.0084 | 3.1313 | 2.2584 | 1.0175 | -0.0051 | 3.2708 |
| 312 | 72.1 | 71.7 | 1.1816 | 1.9375 | 0.0083 | 3.1274 | 2.22   | 1.0152 | 0.0004  | 3.2355 |
| 313 | 69.8 | 71.1 | 1.1792 | 1.9366 | 0.0082 | 3.1239 | 2.2035 | 1.0203 | 0.0013  | 3.2251 |
| 314 | 67.8 | 70.3 | 1.1767 | 1.9357 | 0.0079 | 3.1204 | 2.1883 | 1.0159 | 0.0002  | 3.2043 |
| 315 | 67.2 | 69.5 | 1.1751 | 1.9347 | 0.0078 | 3.1176 | 2.1624 | 1.0096 | -0.0006 | 3.1714 |
| 316 | 67.9 | 68.9 | 1.174  | 1.9335 | 0.0077 | 3.1152 | 2.1069 | 1.0119 | -0.0034 | 3.1154 |
| 317 | 68.4 | 68.3 | 1.1728 | 1.9326 | 0.0074 | 3.1128 | 2.096  | 1.0044 | -0.0034 | 3.097  |
| 318 | 68.7 | 67.8 | 1.1723 | 1.9318 | 0.007  | 3.1112 | 2.0715 | 1.0018 | -0.0043 | 3.069  |
| 319 | 65.8 | 67.2 | 1.1724 | 1.9305 | 0.0071 | 3.11   | 2.0801 | 0.9944 | -0.0061 | 3.0685 |
| 320 | 64.8 | 66.7 | 1.1716 | 1.9299 | 0.0071 | 3.1086 | 2.067  | 0.9873 | -0.0083 | 3.0461 |
| 321 | 69.2 | 66.2 | 1.1692 | 1.9285 | 0.0071 | 3.1048 | 2.0575 | 0.9827 | -0.0082 | 3.032  |
| 322 | 69.4 | 65.8 | 1.1672 | 1.9277 | 0.0072 | 3.1021 | 2.0351 | 0.9818 | -0.0066 | 3.0102 |
| 323 | 65.5 | 65.4 | 1.1653 | 1.9267 | 0.0074 | 3.0995 | 2.0039 | 0.9716 | -0.0047 | 2.9708 |
| 324 | 63.7 | 65.1 | 1.1635 | 1.9261 | 0.0076 | 3.0971 | 1.982  | 0.9756 | 0.0007  | 2.9583 |

|     |      |      |        |        |        |        |        |        |        |        |
|-----|------|------|--------|--------|--------|--------|--------|--------|--------|--------|
| 325 | 67.1 | 64.6 | 1.1631 | 1.9251 | 0.0071 | 3.0953 | 1.9427 | 0.9771 | 0.0054 | 2.9252 |
| 326 | 64.7 | 64.1 | 1.1629 | 1.9241 | 0.0068 | 3.0938 | 1.9089 | 0.9786 | 0.0042 | 2.8917 |
| 327 | 62.7 | 63.7 | 1.1618 | 1.9228 | 0.0068 | 3.0914 | 1.8518 | 0.9757 | 0.0045 | 2.8321 |
| 328 | 60.5 | 63.2 | 1.1615 | 1.9222 | 0.0069 | 3.0906 | 1.7918 | 0.9723 | 0.0363 | 2.8003 |
| 329 | 60.1 | 62.8 | 1.1605 | 1.9214 | 0.007  | 3.0889 | 1.7647 | 0.9768 | 0.0568 | 2.7983 |
| 330 | 63   | 62.5 | 1.1588 | 1.9203 | 0.0071 | 3.0861 | 1.7386 | 0.9742 | 0.0579 | 2.7708 |
| 331 | 64.7 | 61.9 | 1.1561 | 1.9191 | 0.0068 | 3.082  | 1.7292 | 0.9724 | 0.0561 | 2.7577 |
| 332 | 62.2 | 61.4 | 1.154  | 1.9184 | 0.0067 | 3.0791 | 1.7381 | 0.9592 | 0.0555 | 2.7528 |
| 333 | 61.8 | 61.1 | 1.1519 | 1.9178 | 0.0068 | 3.0766 | 1.7297 | 0.9601 | 0.0529 | 2.7426 |
| 334 | 57.6 | 60.8 | 1.15   | 1.9172 | 0.0068 | 3.074  | 1.7077 | 0.9593 | 0.053  | 2.72   |
| 335 | 58.4 | 60.3 | 1.1472 | 1.9164 | 0.0066 | 3.0702 | 1.6887 | 0.9498 | 0.0535 | 2.6919 |
| 336 | 59.9 | 60.1 | 1.1457 | 1.9153 | 0.0067 | 3.0678 | 1.6846 | 0.9475 | 0.0537 | 2.6858 |
| 337 | 59.6 | 59.8 | 1.1445 | 1.9143 | 0.0067 | 3.0655 | 1.6819 | 0.9482 | 0.0565 | 2.6866 |
| 338 | 58.3 | 59.5 | 1.1418 | 1.9132 | 0.0066 | 3.0617 | 1.6624 | 0.9434 | 0.0565 | 2.6623 |
| 339 | 59.6 | 59.3 | 1.1402 | 1.9127 | 0.0066 | 3.0594 | 1.6514 | 0.9361 | 0.0549 | 2.6424 |
| 340 | 57.1 | 58.9 | 1.1387 | 1.9117 | 0.0063 | 3.0567 | 1.6427 | 0.9333 | 0.0574 | 2.6334 |
| 341 | 60.1 | 58.4 | 1.1376 | 1.9105 | 0.0064 | 3.0544 | 1.6236 | 0.9353 | 0.059  | 2.6178 |
| 342 | 59.7 | 58.1 | 1.1382 | 1.9096 | 0.0059 | 3.0537 | 1.5744 | 0.941  | 0.0624 | 2.5778 |
| 343 | 57.6 | 57.8 | 1.1379 | 1.908  | 0.006  | 3.0518 | 1.5357 | 0.9479 | 0.064  | 2.5476 |
| 344 | 58.9 | 57.6 | 1.1366 | 1.9076 | 0.0059 | 3.0501 | 1.495  | 0.9488 | 0.0669 | 2.5107 |
| 345 | 59.5 | 57.6 | 1.1345 | 1.9067 | 0.006  | 3.0473 | 1.4759 | 0.9446 | 0.0685 | 2.4889 |
| 346 | 56.5 | 57.4 | 1.1329 | 1.9062 | 0.0062 | 3.0453 | 1.452  | 0.9532 | 0.0661 | 2.4713 |
| 347 | 55   | 57.1 | 1.1309 | 1.9053 | 0.0063 | 3.0425 | 1.437  | 0.9493 | 0.0693 | 2.4556 |
| 348 | 56.3 | 56.9 | 1.1294 | 1.9045 | 0.0065 | 3.0404 | 1.4194 | 0.9499 | 0.0738 | 2.4431 |
| 349 | 55.8 | 56.7 | 1.1274 | 1.9039 | 0.0067 | 3.038  | 1.4127 | 0.9454 | 0.0693 | 2.4274 |
| 350 | 54.7 | 56.7 | 1.1252 | 1.9033 | 0.0066 | 3.035  | 1.3841 | 0.9363 | 0.0684 | 2.3888 |
| 351 | 56.6 | 56.4 | 1.1236 | 1.9024 | 0.0061 | 3.0321 | 1.3728 | 0.9306 | 0.0701 | 2.3735 |
| 352 | 56.8 | 56.2 | 1.1227 | 1.9009 | 0.0061 | 3.0297 | 1.3732 | 0.9261 | 0.0578 | 2.357  |
| 353 | 54.6 | 56.2 | 1.122  | 1.9    | 0.0063 | 3.0283 | 1.4003 | 0.9238 | 0.0366 | 2.3607 |
| 354 | 58.4 | 56   | 1.1201 | 1.8991 | 0.0061 | 3.0253 | 1.4041 | 0.9211 | 0.036  | 2.3612 |
| 355 | 55.3 | 55.8 | 1.118  | 1.8981 | 0.0058 | 3.0219 | 1.39   | 0.9166 | 0.0356 | 2.3422 |
| 356 | 54.7 | 55.6 | 1.1181 | 1.8975 | 0.0057 | 3.0213 | 1.3831 | 0.9098 | 0.0286 | 2.3215 |
| 357 | 54.6 | 55.4 | 1.1207 | 1.8957 | 0.0055 | 3.0219 | 1.3774 | 0.8967 | 0.0278 | 2.3019 |
| 358 | 54.7 | 55.2 | 1.1219 | 1.8949 | 0.0055 | 3.0223 | 1.3931 | 0.8962 | 0.0338 | 2.3231 |
| 359 | 56.6 | 55.2 | 1.1203 | 1.8941 | 0.0054 | 3.0198 | 1.394  | 0.895  | 0.0337 | 2.3226 |
| 360 | 56   | 55.1 | 1.1184 | 1.8936 | 0.0052 | 3.0173 | 1.4011 | 0.8865 | 0.0316 | 2.3192 |
| 361 | 55.2 | 54.9 | 1.1165 | 1.8925 | 0.0052 | 3.0142 | 1.3836 | 0.8854 | 0.0369 | 2.3059 |

|     |      |      |        |        |        |        |        |        |        |        |
|-----|------|------|--------|--------|--------|--------|--------|--------|--------|--------|
| 362 | 56.8 | 54.7 | 1.115  | 1.8906 | 0.0053 | 3.0108 | 1.3793 | 0.8776 | 0.043  | 2.2999 |
| 363 | 56.1 | 54.6 | 1.1133 | 1.8902 | 0.0055 | 3.0089 | 1.3453 | 0.8814 | 0.043  | 2.2697 |
| 364 | 56.1 | 54.3 | 1.1118 | 1.8896 | 0.0056 | 3.007  | 1.3208 | 0.8821 | 0.043  | 2.2459 |
| 365 | 52.9 | 54.2 | 1.1113 | 1.8884 | 0.0056 | 3.0053 | 1.3224 | 0.8786 | 0.0432 | 2.2442 |
| 366 | 50.6 | 54   | 1.1068 | 1.8878 | 0.0055 | 3.0001 | 1.3257 | 0.8737 | 0.045  | 2.2444 |
| 367 | 52.3 | 54   | 1.1032 | 1.8876 | 0.0055 | 2.9963 | 1.314  | 0.8713 | 0.0477 | 2.233  |
| 368 | 55.7 | 53.8 | 1.0991 | 1.8874 | 0.0055 | 2.992  | 1.29   | 0.8769 | 0.0457 | 2.2126 |
| 369 | 52.5 | 53.8 | 1.0963 | 1.8871 | 0.0057 | 2.9891 | 1.2834 | 0.8874 | 0.0414 | 2.2122 |
| 370 | 53.5 | 53.6 | 1.0933 | 1.8862 | 0.0057 | 2.9853 | 1.276  | 0.8875 | 0.044  | 2.2075 |
| 371 | 53.2 | 53.4 | 1.0911 | 1.8855 | 0.0055 | 2.9821 | 1.2705 | 0.8993 | 0.0442 | 2.2139 |
| 372 | 51.5 | 53.3 | 1.0897 | 1.8848 | 0.0052 | 2.9797 | 1.2578 | 0.8964 | 0.0454 | 2.1997 |
| 373 | 52.3 | 53.2 | 1.0882 | 1.8837 | 0.0047 | 2.9767 | 1.2489 | 0.9047 | 0.0476 | 2.2013 |
| 374 | 54.1 | 52.9 | 1.0879 | 1.8826 | 0.0044 | 2.9748 | 1.2284 | 0.9118 | 0.0514 | 2.1916 |
| 375 | 51.7 | 52.8 | 1.0879 | 1.8812 | 0.0045 | 2.9736 | 1.2091 | 0.9176 | 0.0525 | 2.1793 |
| 376 | 54.2 | 52.7 | 1.0874 | 1.8802 | 0.0046 | 2.9722 | 1.2061 | 0.919  | 0.044  | 2.1691 |
| 377 | 51.4 | 52.7 | 1.0866 | 1.8793 | 0.0044 | 2.9703 | 1.2076 | 0.9118 | 0.0393 | 2.1586 |
| 378 | 55.4 | 52.5 | 1.0857 | 1.8781 | 0.0043 | 2.968  | 1.208  | 0.9025 | 0.0382 | 2.1487 |
| 379 | 52   | 52.4 | 1.0844 | 1.8772 | 0.0041 | 2.9657 | 1.2034 | 0.8965 | 0.0379 | 2.1378 |
| 380 | 52.4 | 52.4 | 1.0814 | 1.8766 | 0.0042 | 2.9622 | 1.1925 | 0.8953 | 0.036  | 2.1238 |
| 381 | 55.1 | 52.3 | 1.078  | 1.8762 | 0.0041 | 2.9583 | 1.181  | 0.8869 | 0.038  | 2.1058 |
| 382 | 53   | 52.3 | 1.0765 | 1.8756 | 0.004  | 2.9562 | 1.1655 | 0.8794 | 0.036  | 2.0809 |
| 383 | 51.2 | 52.3 | 1.0759 | 1.8744 | 0.0041 | 2.9544 | 1.1477 | 0.8744 | 0.0368 | 2.0589 |
| 384 | 50.3 | 52.1 | 1.075  | 1.8737 | 0.004  | 2.9528 | 1.1446 | 0.873  | 0.0393 | 2.0569 |
| 385 | 49.5 | 52.2 | 1.0738 | 1.873  | 0.004  | 2.9508 | 1.1514 | 0.8711 | 0.0392 | 2.0617 |
| 386 | 51.7 | 52   | 1.0724 | 1.872  | 0.0038 | 2.9483 | 1.1459 | 0.863  | 0.038  | 2.0469 |
| 387 | 52   | 51.9 | 1.0719 | 1.8711 | 0.0036 | 2.9467 | 1.1615 | 0.8551 | 0.0398 | 2.0563 |
| 388 | 51.1 | 51.7 | 1.0708 | 1.8703 | 0.0035 | 2.9446 | 1.1752 | 0.8481 | 0.0426 | 2.0659 |
| 389 | 53.8 | 51.7 | 1.0699 | 1.8692 | 0.0034 | 2.9425 | 1.1697 | 0.8408 | 0.0413 | 2.0519 |
| 390 | 51.6 | 51.6 | 1.0699 | 1.868  | 0.0032 | 2.9412 | 1.1777 | 0.8377 | 0.0428 | 2.0582 |
| 391 | 50.8 | 51.3 | 1.0704 | 1.8666 | 0.0029 | 2.9399 | 1.1853 | 0.8334 | 0.0409 | 2.0596 |
| 392 | 52   | 51.3 | 1.0706 | 1.8654 | 0.0026 | 2.9386 | 1.187  | 0.8283 | 0.0466 | 2.0619 |
| 393 | 51.7 | 51.3 | 1.0704 | 1.8642 | 0.0024 | 2.937  | 1.1993 | 0.8282 | 0.0404 | 2.0678 |
| 394 | 53.3 | 51.3 | 1.0699 | 1.8626 | 0.0021 | 2.9347 | 1.1904 | 0.817  | 0.0425 | 2.0498 |
| 395 | 50.2 | 51.1 | 1.0692 | 1.8613 | 0.0023 | 2.9328 | 1.1855 | 0.8197 | 0.0442 | 2.0494 |
| 396 | 49.3 | 50.9 | 1.0688 | 1.8599 | 0.0019 | 2.9307 | 1.1729 | 0.8218 | 0.0461 | 2.0407 |
| 397 | 50.9 | 50.6 | 1.068  | 1.8589 | 0.0016 | 2.9285 | 1.1513 | 0.8246 | 0.0455 | 2.0214 |
| 398 | 52.5 | 50.5 | 1.0651 | 1.8584 | 0.0021 | 2.9255 | 1.1308 | 0.8242 | 0.0469 | 2.002  |

|     |      |      |        |        |        |        |        |        |        |        |
|-----|------|------|--------|--------|--------|--------|--------|--------|--------|--------|
| 399 | 49.7 | 50.2 | 1.0642 | 1.8582 | 0.002  | 2.9244 | 1.1182 | 0.824  | 0.0501 | 1.9924 |
| 400 | 50.8 | 50   | 1.0626 | 1.8583 | 0.0017 | 2.9226 | 1.0944 | 0.829  | 0.0536 | 1.977  |
| 401 | 52.1 | 49.8 | 1.0613 | 1.8579 | 0.0027 | 2.9219 | 1.0753 | 0.835  | 0.0549 | 1.9652 |
| 402 | 52   | 49.6 | 1.0574 | 1.857  | 0.0048 | 2.9192 | 1.0694 | 0.8486 | 0.053  | 1.971  |
| 403 | 48.9 | 49.4 | 1.0556 | 1.8561 | 0.005  | 2.9167 | 1.0759 | 0.8493 | 0.0547 | 1.9799 |
| 404 | 46.6 | 49.1 | 1.0559 | 1.8557 | 0.0051 | 2.9166 | 1.0847 | 0.8498 | 0.061  | 1.9955 |
| 405 | 48   | 49   | 1.0552 | 1.8548 | 0.0052 | 2.9153 | 1.0704 | 0.8518 | 0.0591 | 1.9813 |
| 406 | 47   | 48.8 | 1.0535 | 1.8543 | 0.0052 | 2.913  | 1.0595 | 0.8521 | 0.059  | 1.9706 |
| 407 | 48.9 | 48.7 | 1.0512 | 1.8535 | 0.0049 | 2.9096 | 1.074  | 0.8534 | 0.0603 | 1.9877 |
| 408 | 48.3 | 48.4 | 1.0504 | 1.8524 | 0.0049 | 2.9077 | 1.1064 | 0.8434 | 0.0627 | 2.0125 |
| 409 | 46.5 | 48.2 | 1.0489 | 1.8522 | 0.0049 | 2.9059 | 1.1268 | 0.8456 | 0.0656 | 2.038  |
| 410 | 48.6 | 48.1 | 1.0481 | 1.8512 | 0.0046 | 2.9039 | 1.1179 | 0.8537 | 0.0662 | 2.0377 |
| 411 | 48.1 | 48   | 1.0465 | 1.8507 | 0.0041 | 2.9013 | 1.1044 | 0.8635 | 0.0635 | 2.0314 |
| 412 | 47.9 | 47.8 | 1.0471 | 1.8494 | 0.004  | 2.9004 | 1.0853 | 0.8593 | 0.0626 | 2.0072 |
| 413 | 47.7 | 47.7 | 1.0471 | 1.8483 | 0.0038 | 2.8993 | 1.0702 | 0.8505 | 0.061  | 1.9816 |
| 414 | 47   | 47.8 | 1.0445 | 1.8479 | 0.0036 | 2.896  | 1.0549 | 0.8549 | 0.0577 | 1.9675 |
| 415 | 46.8 | 47.8 | 1.0425 | 1.8473 | 0.0033 | 2.8931 | 1.0471 | 0.8564 | 0.0527 | 1.9562 |
| 416 | 48.1 | 47.8 | 1.0426 | 1.8464 | 0.0029 | 2.8919 | 1.0423 | 0.849  | 0.0482 | 1.9395 |
| 417 | 46.7 | 47.7 | 1.0438 | 1.8449 | 0.0028 | 2.8915 | 1.0055 | 0.8459 | 0.0441 | 1.8955 |
| 418 | 46.1 | 47.4 | 1.044  | 1.8431 | 0.0029 | 2.8899 | 0.9767 | 0.8458 | 0.0479 | 1.8703 |
| 419 | 49.1 | 47.3 | 1.0448 | 1.8418 | 0.0027 | 2.8893 | 0.9402 | 0.8421 | 0.0522 | 1.8345 |
| 420 | 49.5 | 47   | 1.0445 | 1.8399 | 0.0027 | 2.8872 | 0.919  | 0.8442 | 0.0521 | 1.8153 |
| 421 | 47.8 | 46.7 | 1.0434 | 1.8388 | 0.0026 | 2.8848 | 0.8948 | 0.8395 | 0.0497 | 1.784  |
| 422 | 48.6 | 46.5 | 1.0423 | 1.8372 | 0.0025 | 2.882  | 0.8794 | 0.837  | 0.0508 | 1.7672 |
| 423 | 46.9 | 46.4 | 1.0425 | 1.8356 | 0.0023 | 2.8803 | 0.8877 | 0.8358 | 0.0539 | 1.7774 |
| 424 | 48.1 | 46.3 | 1.0426 | 1.8343 | 0.0023 | 2.8792 | 0.9034 | 0.8252 | 0.0558 | 1.7844 |
| 425 | 47.7 | 46.4 | 1.0425 | 1.8332 | 0.0027 | 2.8784 | 0.9274 | 0.8166 | 0.0563 | 1.8003 |
| 426 | 46.2 | 46.2 | 1.0422 | 1.8329 | 0.0029 | 2.878  | 0.9461 | 0.805  | 0.0613 | 1.8124 |
| 427 | 43.3 | 46.1 | 1.041  | 1.8326 | 0.003  | 2.8766 | 0.9549 | 0.7995 | 0.0688 | 1.8232 |
| 428 | 43.8 | 46   | 1.0412 | 1.8326 | 0.0031 | 2.8768 | 0.9563 | 0.8002 | 0.0727 | 1.8293 |
| 429 | 42.8 | 45.8 | 1.0412 | 1.8319 | 0.0034 | 2.8765 | 0.9468 | 0.7992 | 0.075  | 1.821  |
| 430 | 43.8 | 45.5 | 1.0407 | 1.8316 | 0.0033 | 2.8756 | 0.9314 | 0.8061 | 0.076  | 1.8135 |
| 431 | 43   | 45.3 | 1.0396 | 1.8312 | 0.0032 | 2.8739 | 0.917  | 0.8138 | 0.076  | 1.8068 |
| 432 | 45.5 | 45.1 | 1.0392 | 1.8309 | 0.003  | 2.8732 | 0.9094 | 0.8326 | 0.0632 | 1.8052 |
| 433 | 46.3 | 45   | 1.0375 | 1.8305 | 0.0029 | 2.8709 | 0.8998 | 0.8371 | 0.0587 | 1.7956 |
| 434 | 47.2 | 44.9 | 1.0348 | 1.8301 | 0.0029 | 2.8678 | 0.8994 | 0.8307 | 0.0628 | 1.7928 |
| 435 | 46   | 44.9 | 1.0326 | 1.8301 | 0.0028 | 2.8655 | 0.9061 | 0.8245 | 0.0616 | 1.7921 |

|     |      |      |        |        |         |        |        |        |        |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 436 | 43.5 | 45   | 1.0295 | 1.8298 | 0.0027  | 2.8621 | 0.9077 | 0.8208 | 0.0624 | 1.7909 |
| 437 | 43.9 | 45.3 | 1.027  | 1.8295 | 0.0024  | 2.8589 | 0.9127 | 0.8133 | 0.0637 | 1.7897 |
| 438 | 46   | 45.6 | 1.0248 | 1.8292 | 0.0025  | 2.8565 | 0.9137 | 0.8057 | 0.0657 | 1.7851 |
| 439 | 43.1 | 45.9 | 1.0224 | 1.8289 | 0.0023  | 2.8536 | 0.8939 | 0.8079 | 0.0679 | 1.7697 |
| 440 | 44.7 | 46.1 | 1.0202 | 1.8284 | 0.0022  | 2.8508 | 0.8854 | 0.8067 | 0.0654 | 1.7574 |
| 441 | 45.6 | 46.2 | 1.0189 | 1.8276 | 0.0017  | 2.8483 | 0.9235 | 0.8008 | 0.065  | 1.7892 |
| 442 | 44   | 46.1 | 1.0182 | 1.8268 | 0.0019  | 2.8469 | 0.9517 | 0.7927 | 0.0742 | 1.8186 |
| 443 | 45.9 | 46   | 1.0188 | 1.8263 | 0.0017  | 2.8469 | 0.9456 | 0.7943 | 0.0741 | 1.814  |
| 444 | 47.7 | 45.9 | 1.0181 | 1.8256 | 0.0015  | 2.8451 | 0.9339 | 0.8014 | 0.0737 | 1.809  |
| 445 | 49.6 | 45.7 | 1.0172 | 1.8245 | 0.0014  | 2.8432 | 0.9352 | 0.8014 | 0.0742 | 1.8108 |
| 446 | 48.9 | 45.9 | 1.0178 | 1.8237 | 0.0016  | 2.8431 | 0.9334 | 0.8009 | 0.0713 | 1.8056 |
| 447 | 48.3 | 46   | 1.0178 | 1.8229 | 0.0016  | 2.8423 | 0.9401 | 0.7998 | 0.0585 | 1.7984 |
| 448 | 48.5 | 45.9 | 1.0176 | 1.8221 | 0.0014  | 2.8411 | 0.9351 | 0.806  | 0.0529 | 1.794  |
| 449 | 47.3 | 45.9 | 1.018  | 1.821  | 0.0013  | 2.8403 | 0.9085 | 0.8136 | 0.0572 | 1.7793 |
| 450 | 45.4 | 45.8 | 1.0177 | 1.8198 | 0.0011  | 2.8385 | 0.9026 | 0.8251 | 0.0549 | 1.7826 |
| 451 | 43.8 | 45.7 | 1.0167 | 1.8176 | 0.0008  | 2.835  | 0.8857 | 0.8336 | 0.0525 | 1.7718 |
| 452 | 43.6 | 45.8 | 1.0151 | 1.816  | 0.0006  | 2.8317 | 0.8748 | 0.8326 | 0.0598 | 1.7672 |
| 453 | 45.5 | 45.7 | 1.0135 | 1.815  | 0.0002  | 2.8287 | 0.8434 | 0.8289 | 0.079  | 1.7514 |
| 454 | 43.8 | 45.5 | 1.013  | 1.8139 | 0.0002  | 2.8272 | 0.8256 | 0.8248 | 0.0813 | 1.7317 |
| 455 | 46.4 | 45.2 | 1.012  | 1.8129 | -0.0001 | 2.8248 | 0.8308 | 0.8241 | 0.0796 | 1.7344 |
| 456 | 45.1 | 44.9 | 1.0107 | 1.8121 | -0.0004 | 2.8225 | 0.8276 | 0.8225 | 0.0811 | 1.7313 |
| 457 | 45.4 | 44.6 | 1.01   | 1.8114 | -0.0008 | 2.8207 | 0.8172 | 0.8197 | 0.0806 | 1.7174 |
| 458 | 42.4 | 44.3 | 1.0092 | 1.8103 | -0.0011 | 2.8185 | 0.802  | 0.8132 | 0.0801 | 1.6953 |
| 459 | 43.3 | 44.1 | 1.0085 | 1.8087 | -0.0012 | 2.816  | 0.8055 | 0.8009 | 0.0837 | 1.69   |
| 460 | 43.9 | 43.9 | 1.0079 | 1.8073 | -0.0011 | 2.8141 | 0.8102 | 0.7984 | 0.0893 | 1.6979 |
| 461 | 44.6 | 43.8 | 1.008  | 1.8066 | -0.0011 | 2.8135 | 0.8221 | 0.7932 | 0.0924 | 1.7077 |
| 462 | 44.8 | 43.7 | 1.0079 | 1.8056 | -0.0008 | 2.8127 | 0.8235 | 0.7919 | 0.0929 | 1.7083 |
| 463 | 44   | 43.5 | 1.0078 | 1.8047 | -0.0003 | 2.8122 | 0.8317 | 0.7796 | 0.0964 | 1.7077 |
| 464 | 44.2 | 43.5 | 1.0071 | 1.804  | 0.0003  | 2.8114 | 0.8303 | 0.7708 | 0.0945 | 1.6956 |
| 465 | 42.3 | 43.3 | 1.0071 | 1.8035 | 0.0008  | 2.8114 | 0.8133 | 0.7747 | 0.0934 | 1.6814 |
| 466 | 43   | 43.1 | 1.0062 | 1.8032 | 0.0011  | 2.8105 | 0.8072 | 0.7774 | 0.091  | 1.6756 |
| 467 | 43.1 | 42.9 | 1.0055 | 1.803  | 0.0007  | 2.8092 | 0.8224 | 0.7724 | 0.0866 | 1.6814 |
| 468 | 42.9 | 42.8 | 1.0051 | 1.8032 | 0.0003  | 2.8085 | 0.8575 | 0.7671 | 0.0854 | 1.7101 |
| 469 | 42.1 | 42.8 | 1.0044 | 1.8027 | 0.0005  | 2.8076 | 0.8766 | 0.7601 | 0.0851 | 1.7218 |
| 470 | 41.4 | 42.7 | 1.0039 | 1.8022 | 0.0008  | 2.8069 | 0.8915 | 0.7545 | 0.0826 | 1.7286 |
| 471 | 41.8 | 42.6 | 1.0032 | 1.8018 | 0.0004  | 2.8053 | 0.897  | 0.7425 | 0.0888 | 1.7283 |
| 472 | 42.2 | 42.6 | 1.0009 | 1.8013 | -0.0002 | 2.802  | 0.9027 | 0.7401 | 0.0915 | 1.7342 |

|     |      |      |        |        |         |        |        |        |        |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 473 | 43   | 42.5 | 0.9979 | 1.8012 | -0.0008 | 2.7982 | 0.9059 | 0.7307 | 0.0906 | 1.7272 |
| 474 | 43.1 | 42.4 | 0.9951 | 1.8009 | -0.0013 | 2.7948 | 0.914  | 0.7156 | 0.0891 | 1.7187 |
| 475 | 41.8 | 42.5 | 0.9933 | 1.8008 | -0.0017 | 2.7924 | 0.9285 | 0.705  | 0.0891 | 1.7226 |
| 476 | 40.6 | 42.5 | 0.9919 | 1.8003 | -0.0023 | 2.7899 | 0.9439 | 0.6932 | 0.0908 | 1.7279 |
| 477 | 41.5 | 42.5 | 0.991  | 1.7993 | -0.0029 | 2.7874 | 0.9663 | 0.6893 | 0.0968 | 1.7524 |
| 478 | 43.1 | 42.4 | 0.991  | 1.7981 | -0.0032 | 2.7859 | 0.969  | 0.6874 | 0.1031 | 1.7594 |
| 479 | 40.9 | 42.3 | 0.9913 | 1.7966 | -0.0035 | 2.7844 | 0.9624 | 0.7048 | 0.1046 | 1.7717 |
| 480 | 42.5 | 42.2 | 0.9897 | 1.7952 | -0.0034 | 2.7815 | 0.9636 | 0.7109 | 0.107  | 1.7814 |
| 481 | 45   | 42.2 | 0.9871 | 1.7929 | -0.0023 | 2.7777 | 0.9607 | 0.7239 | 0.1048 | 1.7894 |
| 482 | 43.3 | 42.2 | 0.9866 | 1.7919 | -0.0019 | 2.7766 | 0.9588 | 0.7346 | 0.1009 | 1.7943 |
| 483 | 42.3 | 41.9 | 0.9859 | 1.7913 | -0.0022 | 2.7751 | 0.9562 | 0.7474 | 0.0992 | 1.8027 |
| 484 | 43.3 | 41.8 | 0.9844 | 1.7913 | -0.0021 | 2.7736 | 0.9569 | 0.7424 | 0.0964 | 1.7956 |
| 485 | 44.2 | 41.8 | 0.983  | 1.7909 | -0.0022 | 2.7717 | 0.9425 | 0.7352 | 0.0992 | 1.7769 |
| 486 | 42.2 | 41.8 | 0.9812 | 1.7907 | -0.0026 | 2.7693 | 0.9397 | 0.7401 | 0.102  | 1.7818 |
| 487 | 41.5 | 41.8 | 0.9806 | 1.7906 | -0.003  | 2.7682 | 0.923  | 0.742  | 0.1014 | 1.7663 |
| 488 | 40.1 | 41.5 | 0.9814 | 1.7895 | -0.0033 | 2.7677 | 0.912  | 0.743  | 0.0989 | 1.7539 |
| 489 | 39.8 | 41.5 | 0.9814 | 1.7886 | -0.0032 | 2.7668 | 0.9011 | 0.7414 | 0.1029 | 1.7455 |
| 490 | 42.1 | 41.4 | 0.9776 | 1.788  | -0.0033 | 2.7622 | 0.8853 | 0.7455 | 0.1022 | 1.733  |
| 491 | 40.8 | 41.2 | 0.9753 | 1.7873 | -0.0046 | 2.758  | 0.8694 | 0.7484 | 0.0995 | 1.7173 |
| 492 | 38.7 | 40.9 | 0.9761 | 1.786  | -0.0048 | 2.7572 | 0.8574 | 0.7452 | 0.0949 | 1.6975 |
| 493 | 41   | 40.8 | 0.977  | 1.784  | -0.005  | 2.7561 | 0.8474 | 0.7465 | 0.0992 | 1.6931 |
| 494 | 41.7 | 40.5 | 0.9764 | 1.7825 | -0.0053 | 2.7536 | 0.8621 | 0.7503 | 0.1007 | 1.7131 |
| 495 | 40.7 | 40.1 | 0.9759 | 1.7813 | -0.0049 | 2.7523 | 0.8619 | 0.7485 | 0.0998 | 1.7102 |
| 496 | 40.1 | 39.8 | 0.9748 | 1.78   | -0.0039 | 2.7508 | 0.8823 | 0.7392 | 0.1004 | 1.7219 |
| 497 | 39.2 | 39.5 | 0.9745 | 1.7783 | -0.0037 | 2.7491 | 0.9066 | 0.7385 | 0.1065 | 1.7516 |
| 498 | 40.5 | 39.3 | 0.9742 | 1.777  | -0.0036 | 2.7476 | 0.9307 | 0.7385 | 0.1062 | 1.7754 |
| 499 | 41.1 | 39   | 0.974  | 1.7757 | -0.0035 | 2.7462 | 0.9392 | 0.7421 | 0.1071 | 1.7884 |
| 500 | 39.5 | 38.6 | 0.974  | 1.7749 | -0.0035 | 2.7454 | 0.9462 | 0.7406 | 0.1086 | 1.7954 |
| 501 | 38.7 | 38.3 | 0.9738 | 1.7746 | -0.0032 | 2.7452 | 0.9395 | 0.7384 | 0.1069 | 1.7848 |
| 502 | 40.6 | 38.2 | 0.9731 | 1.7741 | -0.0031 | 2.7441 | 0.9377 | 0.7228 | 0.1032 | 1.7637 |
| 503 | 37.3 | 38   | 0.973  | 1.7737 | -0.0031 | 2.7436 | 0.9322 | 0.7171 | 0.1037 | 1.753  |
| 504 | 36.8 | 37.8 | 0.9728 | 1.7733 | -0.0029 | 2.7432 | 0.9247 | 0.722  | 0.1    | 1.7467 |
| 505 | 36.3 | 37.7 | 0.9725 | 1.7725 | -0.0029 | 2.7421 | 0.9362 | 0.7179 | 0.1023 | 1.7564 |
| 506 | 35.5 | 37.7 | 0.9718 | 1.7723 | -0.0028 | 2.7413 | 0.9357 | 0.72   | 0.0999 | 1.7557 |
| 507 | 36   | 37.7 | 0.971  | 1.7721 | -0.0031 | 2.74   | 0.9242 | 0.7239 | 0.0936 | 1.7416 |
| 508 | 35   | 37.6 | 0.9698 | 1.7723 | -0.0035 | 2.7387 | 0.9183 | 0.7258 | 0.0924 | 1.7365 |
| 509 | 34   | 37.5 | 0.9678 | 1.7723 | -0.0041 | 2.7361 | 0.9122 | 0.7292 | 0.0908 | 1.7322 |

|     |      |      |        |        |         |        |        |        |        |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 510 | 34.9 | 37.5 | 0.9659 | 1.7719 | -0.0047 | 2.7331 | 0.91   | 0.727  | 0.092  | 1.729  |
| 511 | 36.9 | 37.5 | 0.9641 | 1.7715 | -0.0052 | 2.7305 | 0.9045 | 0.7226 | 0.094  | 1.7211 |
| 512 | 37.1 | 37.3 | 0.9639 | 1.7714 | -0.0057 | 2.7296 | 0.9006 | 0.7198 | 0.0968 | 1.7173 |
| 513 | 38.2 | 37.4 | 0.9641 | 1.7713 | -0.0056 | 2.7297 | 0.9003 | 0.7208 | 0.0976 | 1.7188 |
| 514 | 39.2 | 37.4 | 0.9631 | 1.7704 | -0.0057 | 2.7278 | 0.9017 | 0.7241 | 0.1014 | 1.7273 |
| 515 | 39.2 | 37.5 | 0.9618 | 1.7696 | -0.0058 | 2.7256 | 0.8913 | 0.7244 | 0.1067 | 1.7224 |
| 516 | 39.8 | 37.7 | 0.9604 | 1.7692 | -0.0058 | 2.7238 | 0.8874 | 0.722  | 0.1131 | 1.7225 |
| 517 | 38.7 | 37.6 | 0.9581 | 1.7682 | -0.0057 | 2.7205 | 0.8853 | 0.7296 | 0.116  | 1.7309 |
| 518 | 38.7 | 37.6 | 0.9563 | 1.767  | -0.0056 | 2.7178 | 0.8878 | 0.7338 | 0.1112 | 1.7328 |
| 519 | 40   | 37.7 | 0.9556 | 1.7663 | -0.0056 | 2.7164 | 0.9003 | 0.7368 | 0.1082 | 1.7453 |
| 520 | 38.4 | 37.7 | 0.9549 | 1.7657 | -0.0062 | 2.7144 | 0.9121 | 0.7343 | 0.1132 | 1.7596 |
| 521 | 37.3 | 37.6 | 0.9531 | 1.7648 | -0.0066 | 2.7114 | 0.9247 | 0.7359 | 0.1162 | 1.7768 |
| 522 | 37.6 | 37.5 | 0.9517 | 1.7641 | -0.0066 | 2.7092 | 0.9189 | 0.7427 | 0.1161 | 1.7777 |
| 523 | 38.5 | 37.3 | 0.9511 | 1.764  | -0.0066 | 2.7085 | 0.8907 | 0.7476 | 0.117  | 1.7553 |
| 524 | 37.4 | 37.1 | 0.9497 | 1.7638 | -0.0066 | 2.7069 | 0.8621 | 0.7607 | 0.1182 | 1.7409 |
| 525 | 38.6 | 36.8 | 0.9481 | 1.7639 | -0.0064 | 2.7056 | 0.8344 | 0.7712 | 0.1182 | 1.7238 |
| 526 | 35.1 | 36.6 | 0.9455 | 1.764  | -0.0068 | 2.7027 | 0.8172 | 0.7843 | 0.1191 | 1.7207 |
| 527 | 35   | 36.4 | 0.9441 | 1.7638 | -0.0073 | 2.7006 | 0.8079 | 0.7924 | 0.1142 | 1.7145 |
| 528 | 35.1 | 36.2 | 0.9449 | 1.7621 | -0.0074 | 2.6997 | 0.7991 | 0.7992 | 0.1091 | 1.7074 |
| 529 | 35.5 | 35.9 | 0.9448 | 1.7608 | -0.0073 | 2.6984 | 0.8007 | 0.7951 | 0.1057 | 1.7015 |
| 530 | 35.4 | 35.7 | 0.9446 | 1.7592 | -0.0072 | 2.6966 | 0.8122 | 0.7885 | 0.1023 | 1.7029 |
| 531 | 34.8 | 35.5 | 0.9437 | 1.7577 | -0.0069 | 2.6945 | 0.8147 | 0.7785 | 0.106  | 1.6991 |
| 532 | 34   | 35.3 | 0.9436 | 1.7562 | -0.0069 | 2.6929 | 0.7948 | 0.7599 | 0.1213 | 1.676  |
| 533 | 34.8 | 35.2 | 0.9418 | 1.7563 | -0.0067 | 2.6914 | 0.8011 | 0.7547 | 0.1254 | 1.6812 |
| 534 | 33.9 | 35.2 | 0.9406 | 1.7566 | -0.0071 | 2.6901 | 0.7975 | 0.7538 | 0.122  | 1.6733 |
| 535 | 36.7 | 34.9 | 0.9386 | 1.7561 | -0.0074 | 2.6873 | 0.7827 | 0.7591 | 0.1213 | 1.6631 |
| 536 | 35.2 | 34.8 | 0.9372 | 1.7556 | -0.0074 | 2.6855 | 0.7832 | 0.7536 | 0.1191 | 1.6559 |
| 537 | 33.5 | 34.9 | 0.9358 | 1.7552 | -0.0075 | 2.6835 | 0.7877 | 0.7408 | 0.1165 | 1.6451 |
| 538 | 35.2 | 34.8 | 0.9347 | 1.755  | -0.0078 | 2.6819 | 0.7935 | 0.7381 | 0.1152 | 1.6468 |
| 539 | 34.5 | 34.7 | 0.9339 | 1.7544 | -0.0079 | 2.6803 | 0.8137 | 0.7308 | 0.1152 | 1.6597 |
| 540 | 33.1 | 34.5 | 0.9333 | 1.7536 | -0.0078 | 2.6791 | 0.8294 | 0.7182 | 0.1173 | 1.665  |
| 541 | 34.6 | 34.4 | 0.9332 | 1.7531 | -0.0078 | 2.6785 | 0.8121 | 0.7088 | 0.1144 | 1.6353 |
| 542 | 36.4 | 34.4 | 0.9335 | 1.7522 | -0.008  | 2.6776 | 0.7956 | 0.7003 | 0.0974 | 1.5933 |
| 543 | 36.6 | 34.2 | 0.9326 | 1.7513 | -0.0083 | 2.6755 | 0.8036 | 0.6912 | 0.0928 | 1.5876 |
| 544 | 34   | 34.1 | 0.9319 | 1.7508 | -0.0085 | 2.6741 | 0.8123 | 0.6827 | 0.0901 | 1.585  |
| 545 | 33.6 | 33.9 | 0.929  | 1.7506 | -0.0086 | 2.671  | 0.8074 | 0.6692 | 0.0872 | 1.5638 |
| 546 | 35.8 | 33.7 | 0.9271 | 1.7499 | -0.009  | 2.668  | 0.8009 | 0.663  | 0.093  | 1.557  |



|     |      |      |        |        |         |        |        |        |        |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 547 | 34.2 | 33.6 | 0.9248 | 1.749  | -0.009  | 2.6648 | 0.7919 | 0.6569 | 0.102  | 1.5509 |
| 548 | 33   | 33.3 | 0.9237 | 1.7479 | -0.0093 | 2.6623 | 0.8019 | 0.6421 | 0.1049 | 1.549  |
| 549 | 32.4 | 33.2 | 0.9234 | 1.747  | -0.0095 | 2.6608 | 0.8208 | 0.6314 | 0.1059 | 1.5581 |
| 550 | 33   | 33.1 | 0.9237 | 1.7459 | -0.0096 | 2.6601 | 0.8278 | 0.6242 | 0.1077 | 1.5597 |
| 551 | 32.3 | 33   | 0.9229 | 1.7453 | -0.0095 | 2.6586 | 0.828  | 0.6229 | 0.1096 | 1.5605 |
| 552 | 32.3 | 32.7 | 0.9218 | 1.7443 | -0.0098 | 2.6564 | 0.8216 | 0.623  | 0.1136 | 1.5583 |
| 553 | 32.2 | 32.4 | 0.921  | 1.7428 | -0.0098 | 2.654  | 0.813  | 0.622  | 0.112  | 1.547  |
| 554 | 31.9 | 32.2 | 0.9194 | 1.7422 | -0.01   | 2.6515 | 0.8059 | 0.6274 | 0.1146 | 1.548  |
| 555 | 31.6 | 32   | 0.9185 | 1.7409 | -0.0101 | 2.6492 | 0.8041 | 0.6315 | 0.1203 | 1.5558 |
| 556 | 31.4 | 31.7 | 0.9183 | 1.7397 | -0.0097 | 2.6483 | 0.7989 | 0.6304 | 0.1173 | 1.5465 |
| 557 | 30.5 | 31.5 | 0.9182 | 1.7388 | -0.01   | 2.647  | 0.7955 | 0.6332 | 0.1187 | 1.5475 |
| 558 | 32.6 | 31.4 | 0.918  | 1.7374 | -0.0101 | 2.6453 | 0.7904 | 0.636  | 0.1199 | 1.5464 |
| 559 | 30.9 | 31.2 | 0.9175 | 1.736  | -0.0104 | 2.6431 | 0.7767 | 0.6464 | 0.12   | 1.5431 |
| 560 | 31.7 | 31   | 0.9175 | 1.735  | -0.0105 | 2.642  | 0.7571 | 0.6554 | 0.1186 | 1.531  |
| 561 | 32   | 30.9 | 0.9179 | 1.7346 | -0.0107 | 2.6418 | 0.7563 | 0.6586 | 0.1158 | 1.5307 |
| 562 | 30.9 | 30.7 | 0.9179 | 1.7335 | -0.0106 | 2.6408 | 0.7675 | 0.6581 | 0.1092 | 1.5348 |
| 563 | 29.6 | 30.6 | 0.9177 | 1.7322 | -0.0105 | 2.6394 | 0.7806 | 0.6632 | 0.1077 | 1.5515 |
| 564 | 30.1 | 30.5 | 0.918  | 1.7316 | -0.0104 | 2.6392 | 0.7837 | 0.6724 | 0.1109 | 1.567  |
| 565 | 30.2 | 30.4 | 0.9184 | 1.7313 | -0.0105 | 2.6391 | 0.7694 | 0.6698 | 0.1118 | 1.551  |
| 566 | 29.8 | 30.4 | 0.9177 | 1.7303 | -0.0105 | 2.6374 | 0.7557 | 0.6606 | 0.11   | 1.5263 |
| 567 | 30.6 | 30.4 | 0.9167 | 1.7296 | -0.0104 | 2.636  | 0.7385 | 0.6622 | 0.11   | 1.5107 |
| 568 | 28.7 | 30.4 | 0.915  | 1.7295 | -0.0105 | 2.634  | 0.7154 | 0.6574 | 0.1106 | 1.4834 |
| 569 | 29.2 | 30.5 | 0.9132 | 1.7292 | -0.0108 | 2.6316 | 0.7155 | 0.6546 | 0.113  | 1.4831 |
| 570 | 29.8 | 30.5 | 0.9114 | 1.7287 | -0.0109 | 2.6292 | 0.726  | 0.6504 | 0.1124 | 1.4887 |
| 571 | 29.7 | 30.4 | 0.9113 | 1.7275 | -0.0112 | 2.6276 | 0.7198 | 0.6497 | 0.1089 | 1.4784 |
| 572 | 29.6 | 30.5 | 0.9119 | 1.7265 | -0.0119 | 2.6265 | 0.6998 | 0.647  | 0.1107 | 1.4575 |
| 573 | 29.6 | 30.6 | 0.9117 | 1.7251 | -0.0127 | 2.6241 | 0.6813 | 0.645  | 0.1089 | 1.4353 |
| 574 | 30.9 | 30.7 | 0.9117 | 1.7238 | -0.0131 | 2.6224 | 0.671  | 0.6484 | 0.1089 | 1.4282 |
| 575 | 31.5 | 30.7 | 0.9116 | 1.7223 | -0.0136 | 2.6203 | 0.6601 | 0.6528 | 0.1129 | 1.4258 |
| 576 | 30.3 | 30.7 | 0.9111 | 1.721  | -0.0137 | 2.6184 | 0.6452 | 0.6606 | 0.116  | 1.4218 |
| 577 | 33   | 30.6 | 0.9111 | 1.7194 | -0.0138 | 2.6167 | 0.6206 | 0.6697 | 0.1155 | 1.4057 |
| 578 | 32.8 | 30.5 | 0.9109 | 1.7186 | -0.0138 | 2.6157 | 0.6083 | 0.675  | 0.1132 | 1.3965 |
| 579 | 30.4 | 30.3 | 0.91   | 1.7177 | -0.0137 | 2.6141 | 0.6196 | 0.6647 | 0.115  | 1.3994 |
| 580 | 31   | 30.2 | 0.9082 | 1.7174 | -0.014  | 2.6116 | 0.6221 | 0.6581 | 0.1187 | 1.3988 |
| 581 | 32.7 | 30.1 | 0.9076 | 1.717  | -0.0144 | 2.6101 | 0.6304 | 0.6494 | 0.1231 | 1.4028 |
| 582 | 32.4 | 30   | 0.9064 | 1.7164 | -0.0144 | 2.6085 | 0.6274 | 0.6392 | 0.1287 | 1.3953 |
| 583 | 31.2 | 29.9 | 0.9062 | 1.7159 | -0.0144 | 2.6077 | 0.6388 | 0.6339 | 0.1337 | 1.4064 |

|     |      |      |        |        |         |        |        |        |        |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 584 | 30.8 | 29.8 | 0.9061 | 1.7154 | -0.0143 | 2.6073 | 0.6245 | 0.6468 | 0.1421 | 1.4134 |
| 585 | 28.7 | 29.6 | 0.9047 | 1.7156 | -0.0142 | 2.6061 | 0.6082 | 0.666  | 0.1439 | 1.418  |
| 586 | 28.2 | 29.5 | 0.9024 | 1.7166 | -0.0142 | 2.6048 | 0.5782 | 0.6793 | 0.1439 | 1.4014 |
| 587 | 26.7 | 29.3 | 0.9012 | 1.7168 | -0.0145 | 2.6035 | 0.5654 | 0.6979 | 0.144  | 1.4074 |
| 588 | 26.8 | 29.1 | 0.9001 | 1.7165 | -0.0148 | 2.6017 | 0.5509 | 0.7039 | 0.1432 | 1.398  |
| 589 | 26.7 | 29   | 0.8985 | 1.7167 | -0.0149 | 2.6003 | 0.5371 | 0.719  | 0.144  | 1.4    |
| 590 | 28.4 | 28.9 | 0.8964 | 1.7171 | -0.0147 | 2.5987 | 0.5256 | 0.7236 | 0.1462 | 1.3954 |
| 591 | 28.6 | 28.6 | 0.8957 | 1.7173 | -0.0143 | 2.5987 | 0.5215 | 0.7305 | 0.1485 | 1.4004 |
| 592 | 27.6 | 28.3 | 0.8957 | 1.7169 | -0.0141 | 2.5985 | 0.5312 | 0.7358 | 0.1486 | 1.4157 |
| 593 | 28.3 | 28.1 | 0.8958 | 1.7158 | -0.014  | 2.5976 | 0.5512 | 0.7341 | 0.1467 | 1.432  |
| 594 | 28.1 | 27.8 | 0.8957 | 1.7156 | -0.014  | 2.5972 | 0.5489 | 0.7301 | 0.1442 | 1.4232 |
| 595 | 28.5 | 27.7 | 0.8958 | 1.715  | -0.0142 | 2.5966 | 0.5428 | 0.732  | 0.1412 | 1.4161 |
| 596 | 29.3 | 27.6 | 0.8956 | 1.7143 | -0.0141 | 2.5957 | 0.5284 | 0.74   | 0.139  | 1.4074 |
| 597 | 28.9 | 27.7 | 0.8943 | 1.714  | -0.0141 | 2.5942 | 0.5323 | 0.7404 | 0.1366 | 1.4094 |
| 598 | 28.8 | 27.8 | 0.8922 | 1.7139 | -0.0142 | 2.5918 | 0.5198 | 0.7414 | 0.1403 | 1.4015 |
| 599 | 27.8 | 27.9 | 0.8912 | 1.7133 | -0.0143 | 2.5902 | 0.5307 | 0.7494 | 0.1393 | 1.4195 |
| 600 | 27.8 | 27.9 | 0.8912 | 1.7126 | -0.0145 | 2.5893 | 0.539  | 0.7437 | 0.1378 | 1.4205 |
| 601 | 25.9 | 27.8 | 0.8917 | 1.7123 | -0.0146 | 2.5894 | 0.5699 | 0.7346 | 0.1395 | 1.4441 |
| 602 | 27.9 | 27.9 | 0.8918 | 1.7119 | -0.0143 | 2.5894 | 0.5497 | 0.7432 | 0.1439 | 1.4369 |
| 603 | 26   | 28   | 0.8924 | 1.7109 | -0.0145 | 2.5888 | 0.5336 | 0.735  | 0.1466 | 1.4152 |
| 604 | 26.2 | 28   | 0.8924 | 1.7101 | -0.0149 | 2.5876 | 0.52   | 0.7333 | 0.1477 | 1.401  |
| 605 | 26.6 | 28.1 | 0.8926 | 1.7095 | -0.0146 | 2.5875 | 0.5093 | 0.7356 | 0.1478 | 1.3927 |
| 606 | 28   | 28.1 | 0.8922 | 1.709  | -0.0147 | 2.5865 | 0.5051 | 0.7341 | 0.1484 | 1.3875 |
| 607 | 28.5 | 28.2 | 0.8919 | 1.7085 | -0.0151 | 2.5854 | 0.5102 | 0.7315 | 0.1526 | 1.3943 |
| 608 | 28.7 | 28.2 | 0.8922 | 1.7077 | -0.0155 | 2.5844 | 0.5127 | 0.7209 | 0.1499 | 1.3836 |
| 609 | 27.7 | 28.3 | 0.8921 | 1.7068 | -0.0159 | 2.583  | 0.5184 | 0.715  | 0.1468 | 1.3801 |
| 610 | 27.8 | 28.3 | 0.8903 | 1.706  | -0.0162 | 2.58   | 0.5221 | 0.7109 | 0.1411 | 1.3741 |
| 611 | 29.1 | 28.4 | 0.8874 | 1.7057 | -0.0161 | 2.577  | 0.5305 | 0.7044 | 0.1411 | 1.3761 |
| 612 | 29.4 | 28.4 | 0.8858 | 1.7051 | -0.0164 | 2.5745 | 0.5408 | 0.7155 | 0.1401 | 1.3964 |
| 613 | 28.6 | 28.4 | 0.8857 | 1.704  | -0.0167 | 2.573  | 0.5436 | 0.6998 | 0.1388 | 1.3822 |
| 614 | 30.9 | 28.5 | 0.8862 | 1.7034 | -0.0169 | 2.5727 | 0.5745 | 0.6802 | 0.1417 | 1.3963 |
| 615 | 29.3 | 28.6 | 0.8862 | 1.7035 | -0.0168 | 2.5729 | 0.5931 | 0.6697 | 0.1491 | 1.4119 |
| 616 | 30.3 | 28.6 | 0.8865 | 1.703  | -0.0168 | 2.5727 | 0.5975 | 0.6647 | 0.1491 | 1.4114 |
| 617 | 29.7 | 28.5 | 0.8865 | 1.7024 | -0.0168 | 2.5722 | 0.5894 | 0.6525 | 0.1519 | 1.3938 |
| 618 | 28.8 | 28.4 | 0.8848 | 1.7016 | -0.0169 | 2.5695 | 0.5746 | 0.6497 | 0.1536 | 1.3779 |
| 619 | 27.7 | 28.4 | 0.883  | 1.7013 | -0.0168 | 2.5675 | 0.5444 | 0.6523 | 0.1488 | 1.3455 |
| 620 | 27.7 | 28.3 | 0.8829 | 1.7007 | -0.0171 | 2.5665 | 0.5338 | 0.641  | 0.1441 | 1.3189 |

|     |      |      |        |        |         |        |        |        |        |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 621 | 27.8 | 28.2 | 0.8831 | 1.7001 | -0.0176 | 2.5656 | 0.5112 | 0.6431 | 0.1472 | 1.3015 |
| 622 | 27.2 | 28.1 | 0.8836 | 1.6996 | -0.0175 | 2.5657 | 0.5035 | 0.6438 | 0.1509 | 1.2981 |
| 623 | 27.7 | 28   | 0.884  | 1.6992 | -0.0175 | 2.5656 | 0.5203 | 0.6323 | 0.1462 | 1.2987 |
| 624 | 27.7 | 27.7 | 0.8837 | 1.6985 | -0.0179 | 2.5643 | 0.5356 | 0.6256 | 0.1339 | 1.2951 |
| 625 | 28.2 | 27.7 | 0.8836 | 1.6978 | -0.018  | 2.5634 | 0.5328 | 0.6114 | 0.1317 | 1.2759 |
| 626 | 28   | 27.5 | 0.8835 | 1.697  | -0.0184 | 2.5621 | 0.5378 | 0.6008 | 0.1283 | 1.2669 |
| 627 | 26.6 | 27.4 | 0.8833 | 1.6963 | -0.0186 | 2.561  | 0.5531 | 0.5922 | 0.127  | 1.2723 |
| 628 | 26.3 | 27.2 | 0.883  | 1.6956 | -0.0189 | 2.5597 | 0.5628 | 0.5814 | 0.1273 | 1.2716 |
| 629 | 27.2 | 27.2 | 0.8826 | 1.695  | -0.0192 | 2.5585 | 0.5832 | 0.5773 | 0.1267 | 1.2872 |
| 630 | 27.3 | 27.3 | 0.8816 | 1.6942 | -0.0195 | 2.5563 | 0.6009 | 0.5712 | 0.1269 | 1.2991 |
| 631 | 27.2 | 27.3 | 0.881  | 1.6938 | -0.0198 | 2.555  | 0.5955 | 0.5731 | 0.129  | 1.2976 |
| 632 | 26.3 | 27.3 | 0.8797 | 1.6928 | -0.0202 | 2.5523 | 0.6029 | 0.5751 | 0.126  | 1.304  |
| 633 | 26.1 | 27.3 | 0.8794 | 1.6916 | -0.0209 | 2.55   | 0.5894 | 0.5763 | 0.131  | 1.2967 |
| 634 | 29.3 | 27.3 | 0.8798 | 1.69   | -0.0215 | 2.5483 | 0.5772 | 0.574  | 0.1353 | 1.2865 |
| 635 | 26.3 | 27.2 | 0.8808 | 1.6882 | -0.0218 | 2.5471 | 0.5703 | 0.5756 | 0.1364 | 1.2823 |
| 636 | 26.6 | 27.1 | 0.8807 | 1.6859 | -0.0218 | 2.5448 | 0.5532 | 0.5813 | 0.1372 | 1.2717 |
| 637 | 26.4 | 27   | 0.8807 | 1.6848 | -0.0218 | 2.5437 | 0.5388 | 0.5961 | 0.1344 | 1.2693 |
| 638 | 27.6 | 26.9 | 0.881  | 1.6831 | -0.0222 | 2.5419 | 0.5274 | 0.6099 | 0.129  | 1.2663 |
| 639 | 28.2 | 26.7 | 0.8813 | 1.682  | -0.0225 | 2.5408 | 0.5061 | 0.6193 | 0.1269 | 1.2522 |
| 640 | 28   | 26.5 | 0.8811 | 1.6805 | -0.0226 | 2.539  | 0.481  | 0.6284 | 0.127  | 1.2364 |
| 641 | 27.2 | 26.3 | 0.8801 | 1.6795 | -0.0226 | 2.5369 | 0.4555 | 0.6366 | 0.1281 | 1.2202 |
| 642 | 27.8 | 26.2 | 0.8784 | 1.6787 | -0.0227 | 2.5344 | 0.4488 | 0.6431 | 0.132  | 1.2239 |
| 643 | 27.7 | 26.1 | 0.8777 | 1.6783 | -0.0228 | 2.5332 | 0.4447 | 0.6361 | 0.135  | 1.2159 |
| 644 | 26.9 | 25.8 | 0.8776 | 1.6775 | -0.0226 | 2.5325 | 0.4446 | 0.6209 | 0.1324 | 1.1979 |
| 645 | 25.9 | 25.7 | 0.8762 | 1.6766 | -0.0225 | 2.5303 | 0.4441 | 0.6256 | 0.1304 | 1.2001 |
| 646 | 24.3 | 25.6 | 0.8739 | 1.6758 | -0.0227 | 2.5271 | 0.4397 | 0.6167 | 0.1328 | 1.1893 |
| 647 | 24.8 | 25.5 | 0.8728 | 1.6749 | -0.0231 | 2.5246 | 0.4527 | 0.612  | 0.1364 | 1.2011 |
| 648 | 22.8 | 25.4 | 0.8706 | 1.6729 | -0.0232 | 2.5203 | 0.4735 | 0.6163 | 0.1417 | 1.2314 |
| 649 | 23.9 | 25.2 | 0.8695 | 1.6726 | -0.0233 | 2.5188 | 0.477  | 0.6214 | 0.1453 | 1.2437 |
| 650 | 24.2 | 25.1 | 0.8667 | 1.6725 | -0.0236 | 2.5156 | 0.4835 | 0.6203 | 0.145  | 1.2489 |
| 651 | 23.2 | 24.9 | 0.8679 | 1.671  | -0.0239 | 2.5149 | 0.4895 | 0.6158 | 0.1479 | 1.2532 |
| 652 | 24.5 | 24.8 | 0.8685 | 1.6708 | -0.0244 | 2.5149 | 0.4969 | 0.6241 | 0.1511 | 1.2721 |
| 653 | 24.5 | 24.7 | 0.869  | 1.6695 | -0.0246 | 2.5139 | 0.498  | 0.6309 | 0.1565 | 1.2854 |
| 654 | 24.4 | 24.5 | 0.8685 | 1.6686 | -0.0248 | 2.5122 | 0.52   | 0.6241 | 0.1546 | 1.2986 |
| 655 | 24.4 | 24.5 | 0.868  | 1.6675 | -0.0249 | 2.5105 | 0.5399 | 0.6188 | 0.1489 | 1.3077 |
| 656 | 24.8 | 24.5 | 0.8673 | 1.6666 | -0.025  | 2.5089 | 0.5388 | 0.6281 | 0.152  | 1.3189 |
| 657 | 24.8 | 24.6 | 0.8669 | 1.6667 | -0.025  | 2.5087 | 0.5477 | 0.6231 | 0.156  | 1.3269 |

|     |      |      |        |        |         |        |        |        |        |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 658 | 24.8 | 24.6 | 0.8662 | 1.6659 | -0.0248 | 2.5073 | 0.5463 | 0.6346 | 0.1532 | 1.3342 |
| 659 | 25.5 | 24.6 | 0.8653 | 1.6649 | -0.0245 | 2.5057 | 0.5488 | 0.6456 | 0.1502 | 1.3447 |
| 660 | 24.4 | 24.5 | 0.8644 | 1.6646 | -0.0246 | 2.5044 | 0.5523 | 0.6438 | 0.1475 | 1.3436 |
| 661 | 25.4 | 24.6 | 0.8638 | 1.6631 | -0.0247 | 2.5021 | 0.5345 | 0.6451 | 0.1449 | 1.3245 |
| 662 | 25   | 24.6 | 0.8635 | 1.6635 | -0.0245 | 2.5026 | 0.501  | 0.6518 | 0.1481 | 1.3009 |
| 663 | 24.7 | 24.6 | 0.8602 | 1.6642 | -0.0246 | 2.4998 | 0.4772 | 0.6494 | 0.1431 | 1.2696 |
| 664 | 25   | 24.6 | 0.8587 | 1.6646 | -0.0253 | 2.498  | 0.4707 | 0.6417 | 0.1398 | 1.2522 |
| 665 | 25.2 | 24.7 | 0.8586 | 1.6649 | -0.0254 | 2.498  | 0.4901 | 0.6377 | 0.1404 | 1.2683 |
| 666 | 25   | 24.7 | 0.8588 | 1.665  | -0.0257 | 2.4981 | 0.5092 | 0.6408 | 0.1473 | 1.2973 |
| 667 | 24.3 | 24.8 | 0.8593 | 1.6647 | -0.0258 | 2.4982 | 0.5373 | 0.6269 | 0.1502 | 1.3143 |
| 668 | 22.7 | 24.9 | 0.8606 | 1.6643 | -0.0254 | 2.4995 | 0.5427 | 0.6243 | 0.1541 | 1.321  |
| 669 | 23.3 | 25   | 0.8598 | 1.6652 | -0.0252 | 2.4997 | 0.5122 | 0.631  | 0.1542 | 1.2974 |
| 670 | 24.1 | 25.1 | 0.8603 | 1.6643 | -0.0256 | 2.499  | 0.4816 | 0.6372 | 0.1578 | 1.2766 |
| 671 | 25.3 | 25.2 | 0.861  | 1.6631 | -0.0263 | 2.4978 | 0.4729 | 0.6371 | 0.155  | 1.2649 |
| 672 | 24.1 | 25.3 | 0.8599 | 1.6633 | -0.0265 | 2.4966 | 0.4734 | 0.6359 | 0.1538 | 1.2631 |
| 673 | 25.1 | 25.3 | 0.8581 | 1.6625 | -0.026  | 2.4946 | 0.4804 | 0.6325 | 0.1619 | 1.2748 |
| 674 | 25.1 | 25.3 | 0.8584 | 1.6627 | -0.0263 | 2.4948 | 0.4936 | 0.6301 | 0.1648 | 1.2885 |
| 675 | 25.7 | 25.2 | 0.8578 | 1.6622 | -0.0264 | 2.4936 | 0.5    | 0.6291 | 0.162  | 1.2911 |
| 676 | 26.2 | 25.1 | 0.8558 | 1.6618 | -0.0264 | 2.4912 | 0.5033 | 0.6316 | 0.165  | 1.3    |
| 677 | 26.9 | 25   | 0.8548 | 1.6612 | -0.0265 | 2.4895 | 0.5074 | 0.639  | 0.1635 | 1.31   |
| 678 | 27.3 | 25.1 | 0.8526 | 1.6609 | -0.0265 | 2.487  | 0.5083 | 0.6463 | 0.1598 | 1.3144 |
| 679 | 27.1 | 25   | 0.85   | 1.6606 | -0.0264 | 2.4842 | 0.5114 | 0.6546 | 0.1557 | 1.3217 |
| 680 | 27   | 24.9 | 0.8487 | 1.6601 | -0.0269 | 2.4818 | 0.5067 | 0.6574 | 0.1496 | 1.3137 |
| 681 | 25.7 | 24.8 | 0.8473 | 1.6594 | -0.027  | 2.4797 | 0.4859 | 0.6584 | 0.146  | 1.2903 |
| 682 | 25   | 24.8 | 0.8475 | 1.6588 | -0.0275 | 2.4788 | 0.4716 | 0.6605 | 0.1424 | 1.2745 |
| 683 | 24.9 | 24.7 | 0.8485 | 1.6585 | -0.0279 | 2.4791 | 0.4603 | 0.6573 | 0.1403 | 1.2579 |
| 684 | 23.9 | 24.6 | 0.8491 | 1.6578 | -0.0279 | 2.479  | 0.4594 | 0.6488 | 0.1365 | 1.2447 |
| 685 | 22.7 | 24.4 | 0.8493 | 1.6574 | -0.0279 | 2.4789 | 0.4499 | 0.643  | 0.1315 | 1.2244 |
| 686 | 22.9 | 24.2 | 0.8485 | 1.657  | -0.0277 | 2.4779 | 0.449  | 0.6399 | 0.1277 | 1.2165 |
| 687 | 23.7 | 24   | 0.8485 | 1.6558 | -0.0274 | 2.4768 | 0.4445 | 0.6296 | 0.1265 | 1.2005 |
| 688 | 23   | 23.8 | 0.8494 | 1.6545 | -0.0275 | 2.4765 | 0.4476 | 0.6127 | 0.1272 | 1.1875 |
| 689 | 21.8 | 23.6 | 0.8504 | 1.6539 | -0.0276 | 2.4767 | 0.4567 | 0.5884 | 0.1244 | 1.1695 |
| 690 | 22.5 | 23.3 | 0.8508 | 1.6534 | -0.0275 | 2.4767 | 0.468  | 0.5792 | 0.1241 | 1.1713 |
| 691 | 24.6 | 23.2 | 0.8508 | 1.653  | -0.0275 | 2.4763 | 0.4844 | 0.5694 | 0.1257 | 1.1795 |
| 692 | 23.4 | 23.2 | 0.8512 | 1.6533 | -0.0276 | 2.4769 | 0.4803 | 0.5641 | 0.1256 | 1.17   |
| 693 | 22.6 | 23.1 | 0.8513 | 1.6537 | -0.0272 | 2.4778 | 0.4772 | 0.5644 | 0.1274 | 1.169  |
| 694 | 22.1 | 23   | 0.8512 | 1.653  | -0.027  | 2.4772 | 0.478  | 0.5768 | 0.1346 | 1.1894 |

|     |      |      |        |        |         |        |        |        |        |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 695 | 23.1 | 22.9 | 0.8518 | 1.6533 | -0.0274 | 2.4776 | 0.4858 | 0.5729 | 0.1373 | 1.196  |
| 696 | 22.8 | 22.9 | 0.8503 | 1.6531 | -0.0278 | 2.4756 | 0.4826 | 0.5731 | 0.1409 | 1.1966 |
| 697 | 22.8 | 22.8 | 0.847  | 1.6524 | -0.0283 | 2.4711 | 0.4726 | 0.5762 | 0.1432 | 1.1921 |
| 698 | 23.6 | 22.7 | 0.8445 | 1.6517 | -0.0288 | 2.4674 | 0.474  | 0.5734 | 0.1429 | 1.1902 |
| 699 | 22.4 | 22.7 | 0.8429 | 1.6513 | -0.0288 | 2.4653 | 0.4536 | 0.5652 | 0.1415 | 1.1602 |
| 700 | 23.8 | 22.7 | 0.8422 | 1.651  | -0.0292 | 2.464  | 0.4313 | 0.5772 | 0.1411 | 1.1497 |
| 701 | 23.8 | 22.7 | 0.842  | 1.6499 | -0.0297 | 2.4622 | 0.4007 | 0.5824 | 0.1409 | 1.124  |
| 702 | 23.2 | 22.7 | 0.842  | 1.6488 | -0.0299 | 2.4609 | 0.4067 | 0.5724 | 0.1392 | 1.1183 |
| 703 | 22   | 22.7 | 0.8404 | 1.6485 | -0.03   | 2.4589 | 0.3941 | 0.5877 | 0.134  | 1.1158 |
| 704 | 21.4 | 22.7 | 0.8384 | 1.6482 | -0.0298 | 2.4569 | 0.3955 | 0.5798 | 0.133  | 1.1083 |
| 705 | 22.3 | 22.7 | 0.8387 | 1.6467 | -0.0298 | 2.4556 | 0.3874 | 0.5733 | 0.1299 | 1.0906 |
| 706 | 21.6 | 22.6 | 0.8375 | 1.6467 | -0.0303 | 2.4538 | 0.3757 | 0.5705 | 0.1309 | 1.0772 |
| 707 | 21.8 | 22.6 | 0.8373 | 1.6451 | -0.0304 | 2.452  | 0.3564 | 0.5747 | 0.1321 | 1.0632 |
| 708 | 22   | 22.5 | 0.8373 | 1.6431 | -0.0305 | 2.4499 | 0.3503 | 0.5812 | 0.1292 | 1.0607 |
| 709 | 22.6 | 22.4 | 0.8369 | 1.6424 | -0.0307 | 2.4487 | 0.3451 | 0.5709 | 0.126  | 1.042  |
| 710 | 23.2 | 22.3 | 0.8368 | 1.6415 | -0.0307 | 2.4476 | 0.3336 | 0.5651 | 0.127  | 1.0257 |
| 711 | 23.5 | 22.3 | 0.8373 | 1.6405 | -0.031  | 2.4469 | 0.3311 | 0.5649 | 0.1283 | 1.0242 |
| 712 | 23.1 | 22.2 | 0.8381 | 1.6402 | -0.0308 | 2.4475 | 0.3308 | 0.5482 | 0.1275 | 1.0065 |
| 713 | 22.5 | 22.1 | 0.8386 | 1.6399 | -0.0307 | 2.4478 | 0.3377 | 0.5475 | 0.1307 | 1.0159 |
| 714 | 22.4 | 22.1 | 0.8372 | 1.6396 | -0.0309 | 2.4459 | 0.3079 | 0.5583 | 0.1297 | 0.9959 |
| 715 | 21.9 | 22.1 | 0.8353 | 1.6394 | -0.0315 | 2.4432 | 0.2937 | 0.5702 | 0.1169 | 0.9807 |
| 716 | 21.8 | 22.1 | 0.8328 | 1.6403 | -0.0318 | 2.4413 | 0.2959 | 0.5806 | 0.1155 | 0.9921 |
| 717 | 22.8 | 22   | 0.8323 | 1.64   | -0.0322 | 2.4401 | 0.2731 | 0.6044 | 0.1164 | 0.9938 |
| 718 | 20.7 | 22.1 | 0.8336 | 1.6385 | -0.0323 | 2.4397 | 0.273  | 0.6061 | 0.1205 | 0.9997 |
| 719 | 21.4 | 22.1 | 0.8349 | 1.6376 | -0.0326 | 2.4399 | 0.291  | 0.6076 | 0.1256 | 1.0242 |
| 720 | 22.6 | 22.2 | 0.8356 | 1.637  | -0.0326 | 2.44   | 0.2781 | 0.6235 | 0.1289 | 1.0304 |
| 721 | 21.4 | 22.1 | 0.8358 | 1.6365 | -0.033  | 2.4393 | 0.2885 | 0.6171 | 0.126  | 1.0316 |
| 722 | 21.6 | 22.1 | 0.8355 | 1.6364 | -0.0337 | 2.4382 | 0.3066 | 0.6041 | 0.1194 | 1.0301 |
| 723 | 21.5 | 22.1 | 0.8346 | 1.6361 | -0.034  | 2.4368 | 0.3183 | 0.6047 | 0.1167 | 1.0398 |
| 724 | 21   | 22.1 | 0.8337 | 1.6356 | -0.0341 | 2.4352 | 0.3239 | 0.5991 | 0.1216 | 1.0446 |
| 725 | 21.3 | 22.1 | 0.8333 | 1.6347 | -0.0345 | 2.4334 | 0.3391 | 0.6047 | 0.1194 | 1.0632 |
| 726 | 21.4 | 22.1 | 0.8327 | 1.6331 | -0.0347 | 2.4311 | 0.3485 | 0.604  | 0.118  | 1.0704 |
| 727 | 22.9 | 22.1 | 0.8325 | 1.6317 | -0.0346 | 2.4295 | 0.3311 | 0.6096 | 0.1228 | 1.0634 |
| 728 | 22.6 | 22   | 0.8318 | 1.6302 | -0.0344 | 2.4276 | 0.324  | 0.6124 | 0.1259 | 1.0624 |
| 729 | 24.6 | 22   | 0.832  | 1.6293 | -0.0341 | 2.4271 | 0.3044 | 0.6178 | 0.1272 | 1.0495 |
| 730 | 23   | 21.9 | 0.833  | 1.6284 | -0.0341 | 2.4273 | 0.2934 | 0.6143 | 0.1268 | 1.0345 |
| 731 | 21.8 | 21.8 | 0.8338 | 1.6277 | -0.034  | 2.4275 | 0.2991 | 0.6101 | 0.1213 | 1.0306 |

|     |      |      |        |        |         |        |        |        |        |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 732 | 22.1 | 21.7 | 0.8337 | 1.6271 | -0.0343 | 2.4265 | 0.2961 | 0.6085 | 0.1247 | 1.0293 |
| 733 | 22.5 | 21.6 | 0.8334 | 1.6267 | -0.0346 | 2.4256 | 0.3245 | 0.6025 | 0.126  | 1.053  |
| 734 | 23   | 21.6 | 0.8348 | 1.6257 | -0.0346 | 2.4258 | 0.3476 | 0.6009 | 0.1224 | 1.0708 |
| 735 | 22.5 | 21.5 | 0.8359 | 1.6242 | -0.0346 | 2.4255 | 0.3675 | 0.5929 | 0.1213 | 1.0818 |
| 736 | 21.5 | 21.6 | 0.8363 | 1.6229 | -0.0344 | 2.4247 | 0.384  | 0.5897 | 0.1243 | 1.098  |
| 737 | 20   | 21.5 | 0.8359 | 1.6235 | -0.0345 | 2.4249 | 0.3882 | 0.5869 | 0.1291 | 1.1043 |
| 738 | 20.8 | 21.4 | 0.8354 | 1.6243 | -0.0347 | 2.425  | 0.4091 | 0.5859 | 0.132  | 1.127  |
| 739 | 20   | 21.2 | 0.8345 | 1.6241 | -0.0349 | 2.4237 | 0.4245 | 0.5833 | 0.1309 | 1.1387 |
| 740 | 20.1 | 21.2 | 0.8327 | 1.6236 | -0.0352 | 2.4211 | 0.4386 | 0.5831 | 0.129  | 1.1507 |
| 741 | 19.9 | 21.2 | 0.832  | 1.6231 | -0.0352 | 2.4199 | 0.4522 | 0.5805 | 0.13   | 1.1627 |
| 742 | 19.7 | 21.2 | 0.8307 | 1.6223 | -0.0354 | 2.4175 | 0.4525 | 0.5829 | 0.1322 | 1.1677 |
| 743 | 19.8 | 21.2 | 0.8299 | 1.6206 | -0.0362 | 2.4143 | 0.4544 | 0.6084 | 0.1325 | 1.1952 |
| 744 | 21.2 | 21.2 | 0.829  | 1.6203 | -0.0363 | 2.4129 | 0.4546 | 0.6265 | 0.1348 | 1.2159 |
| 745 | 22.3 | 21.2 | 0.8279 | 1.6193 | -0.0366 | 2.4106 | 0.4451 | 0.6326 | 0.1327 | 1.2104 |
| 746 | 21.3 | 21.2 | 0.8266 | 1.6182 | -0.037  | 2.4078 | 0.447  | 0.6459 | 0.1276 | 1.2205 |
| 747 | 21.2 | 21.3 | 0.8254 | 1.6175 | -0.0373 | 2.4056 | 0.4455 | 0.643  | 0.1254 | 1.2139 |
| 748 | 20.9 | 21.4 | 0.8253 | 1.6164 | -0.0373 | 2.4043 | 0.4177 | 0.6399 | 0.1216 | 1.1792 |
| 749 | 22.4 | 21.4 | 0.8263 | 1.6149 | -0.0374 | 2.4038 | 0.4083 | 0.6351 | 0.1199 | 1.1632 |
| 750 | 21.9 | 21.5 | 0.8267 | 1.6142 | -0.0376 | 2.4032 | 0.4055 | 0.6278 | 0.1246 | 1.1579 |
| 751 | 22.1 | 21.5 | 0.8272 | 1.6137 | -0.0379 | 2.4031 | 0.3973 | 0.6363 | 0.1225 | 1.1561 |
| 752 | 22.8 | 21.6 | 0.8291 | 1.612  | -0.0378 | 2.4033 | 0.3946 | 0.6298 | 0.1221 | 1.1465 |
| 753 | 22.8 | 21.7 | 0.8295 | 1.6115 | -0.0379 | 2.4031 | 0.4065 | 0.6279 | 0.1207 | 1.1551 |
| 754 | 21.4 | 21.7 | 0.8297 | 1.6113 | -0.0378 | 2.4032 | 0.401  | 0.6334 | 0.1216 | 1.1559 |
| 755 | 21.8 | 21.7 | 0.8304 | 1.6104 | -0.038  | 2.4028 | 0.3969 | 0.6349 | 0.1248 | 1.1567 |
| 756 | 22.4 | 21.7 | 0.8316 | 1.6091 | -0.0382 | 2.4026 | 0.4158 | 0.6269 | 0.1264 | 1.1691 |
| 757 | 22   | 21.8 | 0.8319 | 1.6086 | -0.0379 | 2.4026 | 0.414  | 0.6302 | 0.1251 | 1.1693 |
| 758 | 20.9 | 21.8 | 0.8317 | 1.6088 | -0.0374 | 2.4031 | 0.4216 | 0.6212 | 0.1266 | 1.1695 |
| 759 | 21.5 | 21.8 | 0.832  | 1.6084 | -0.0372 | 2.4032 | 0.4344 | 0.6033 | 0.1283 | 1.1661 |
| 760 | 20.9 | 21.8 | 0.8313 | 1.6081 | -0.0374 | 2.402  | 0.4301 | 0.6142 | 0.1313 | 1.1757 |
| 761 | 20.8 | 21.7 | 0.8307 | 1.6082 | -0.0375 | 2.4015 | 0.4215 | 0.6288 | 0.1317 | 1.182  |
| 762 | 22.1 | 21.7 | 0.8298 | 1.6088 | -0.0376 | 2.401  | 0.4345 | 0.6234 | 0.1314 | 1.1892 |
| 763 | 21.1 | 21.6 | 0.8294 | 1.6084 | -0.0376 | 2.4002 | 0.4399 | 0.6289 | 0.1355 | 1.2043 |
| 764 | 21.3 | 21.5 | 0.8293 | 1.6076 | -0.037  | 2.3999 | 0.4398 | 0.6363 | 0.1362 | 1.2122 |
| 765 | 22.5 | 21.4 | 0.829  | 1.6068 | -0.037  | 2.3988 | 0.4349 | 0.6384 | 0.1324 | 1.2057 |
| 766 | 22.3 | 21.3 | 0.8315 | 1.6046 | -0.0373 | 2.3987 | 0.4176 | 0.6362 | 0.1251 | 1.179  |
| 767 | 21.5 | 21.3 | 0.832  | 1.604  | -0.0378 | 2.3982 | 0.3889 | 0.6532 | 0.1219 | 1.164  |
| 768 | 22   | 21.3 | 0.8315 | 1.6035 | -0.0379 | 2.3971 | 0.3713 | 0.667  | 0.1189 | 1.1572 |

|     |      |      |        |        |         |        |        |        |        |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 769 | 21   | 21.2 | 0.832  | 1.6028 | -0.0381 | 2.3967 | 0.3805 | 0.6565 | 0.1164 | 1.1534 |
| 770 | 21   | 21.3 | 0.8314 | 1.6026 | -0.0382 | 2.3959 | 0.3879 | 0.6488 | 0.1139 | 1.1506 |
| 771 | 22   | 21.3 | 0.8303 | 1.6027 | -0.0383 | 2.3948 | 0.3824 | 0.6522 | 0.1171 | 1.1517 |
| 772 | 21   | 21.2 | 0.828  | 1.6028 | -0.0382 | 2.3926 | 0.3735 | 0.6646 | 0.1163 | 1.1544 |
| 773 | 20.2 | 21.3 | 0.8258 | 1.6026 | -0.0382 | 2.3902 | 0.3777 | 0.6684 | 0.1111 | 1.1571 |
| 774 | 19.9 | 21.3 | 0.8245 | 1.6022 | -0.0382 | 2.3885 | 0.3809 | 0.6664 | 0.1064 | 1.1538 |
| 775 | 20.9 | 21.3 | 0.8229 | 1.6018 | -0.0382 | 2.3866 | 0.3811 | 0.6673 | 0.1061 | 1.1546 |
| 776 | 21.6 | 21.3 | 0.8227 | 1.6008 | -0.0387 | 2.3849 | 0.3742 | 0.6642 | 0.103  | 1.1414 |
| 777 | 20.3 | 21.3 | 0.8224 | 1.6    | -0.0391 | 2.3833 | 0.3419 | 0.6689 | 0.1022 | 1.113  |
| 778 | 20.6 | 21.3 | 0.8221 | 1.5991 | -0.0392 | 2.3821 | 0.328  | 0.6694 | 0.0992 | 1.0966 |
| 779 | 21.6 | 21.3 | 0.8206 | 1.5992 | -0.0391 | 2.3807 | 0.3239 | 0.6608 | 0.1011 | 1.0857 |
| 780 | 21.1 | 21.5 | 0.8187 | 1.5991 | -0.039  | 2.3788 | 0.3367 | 0.6494 | 0.1054 | 1.0914 |
| 781 | 21.7 | 21.5 | 0.8177 | 1.5986 | -0.0395 | 2.3768 | 0.3541 | 0.6385 | 0.104  | 1.0966 |
| 782 | 21.5 | 21.6 | 0.8151 | 1.5985 | -0.0401 | 2.3735 | 0.3642 | 0.6361 | 0.1067 | 1.107  |
| 783 | 22.3 | 21.7 | 0.8137 | 1.5984 | -0.0401 | 2.372  | 0.3652 | 0.6389 | 0.1089 | 1.113  |
| 784 | 22.3 | 21.8 | 0.8124 | 1.5985 | -0.04   | 2.3709 | 0.3842 | 0.6456 | 0.1118 | 1.1416 |
| 785 | 21.7 | 21.7 | 0.8109 | 1.5985 | -0.0403 | 2.3691 | 0.4211 | 0.6263 | 0.1148 | 1.1621 |
| 786 | 21.3 | 21.7 | 0.8097 | 1.5983 | -0.0406 | 2.3674 | 0.4685 | 0.6078 | 0.1154 | 1.1917 |
| 787 | 22.2 | 21.8 | 0.8076 | 1.5972 | -0.0406 | 2.3642 | 0.4791 | 0.6008 | 0.1174 | 1.1973 |
| 788 | 22.4 | 21.8 | 0.807  | 1.5962 | -0.0406 | 2.3626 | 0.4877 | 0.6208 | 0.1154 | 1.2239 |
| 789 | 23.8 | 21.8 | 0.8065 | 1.5956 | -0.0405 | 2.3616 | 0.4961 | 0.6267 | 0.1188 | 1.2415 |
| 790 | 22.1 | 21.7 | 0.8056 | 1.5954 | -0.0405 | 2.3604 | 0.4856 | 0.634  | 0.1224 | 1.242  |
| 791 | 22.4 | 21.8 | 0.8056 | 1.5947 | -0.0407 | 2.3595 | 0.4611 | 0.6441 | 0.1241 | 1.2293 |
| 792 | 22.3 | 21.8 | 0.8058 | 1.5924 | -0.0408 | 2.3574 | 0.4485 | 0.6565 | 0.124  | 1.229  |
| 793 | 21.5 | 21.7 | 0.8058 | 1.591  | -0.0407 | 2.3562 | 0.4154 | 0.6732 | 0.1176 | 1.2062 |
| 794 | 20.5 | 21.7 | 0.8067 | 1.5898 | -0.0403 | 2.3562 | 0.3935 | 0.6809 | 0.1093 | 1.1838 |
| 795 | 21.5 | 21.7 | 0.8071 | 1.5887 | -0.0402 | 2.3556 | 0.3812 | 0.6942 | 0.1102 | 1.1856 |
| 796 | 20.9 | 21.8 | 0.8058 | 1.5888 | -0.0403 | 2.3542 | 0.3692 | 0.6878 | 0.1064 | 1.1634 |
| 797 | 21.3 | 21.8 | 0.8052 | 1.5884 | -0.0405 | 2.3532 | 0.3497 | 0.6884 | 0.1021 | 1.1402 |
| 798 | 20.8 | 21.8 | 0.8036 | 1.5882 | -0.0407 | 2.3511 | 0.3437 | 0.6877 | 0.0986 | 1.13   |
| 799 | 20.5 | 21.8 | 0.8023 | 1.5885 | -0.0413 | 2.3495 | 0.3386 | 0.6805 | 0.0994 | 1.1185 |
| 800 | 22.4 | 21.8 | 0.8025 | 1.5874 | -0.0415 | 2.3484 | 0.3339 | 0.6686 | 0.097  | 1.0995 |
| 801 | 21.3 | 21.9 | 0.8025 | 1.5869 | -0.0419 | 2.3475 | 0.327  | 0.6659 | 0.0926 | 1.0855 |
| 802 | 21.2 | 21.9 | 0.8014 | 1.586  | -0.042  | 2.3453 | 0.3254 | 0.6678 | 0.0904 | 1.0836 |
| 803 | 22.1 | 21.9 | 0.8003 | 1.5852 | -0.0422 | 2.3433 | 0.3418 | 0.6556 | 0.0904 | 1.0878 |
| 804 | 22   | 22   | 0.7987 | 1.5847 | -0.0423 | 2.3412 | 0.3504 | 0.6501 | 0.0908 | 1.0912 |
| 805 | 22.5 | 22   | 0.7971 | 1.584  | -0.0424 | 2.3387 | 0.3513 | 0.6516 | 0.0916 | 1.0945 |

|     |      |      |        |        |         |        |        |        |        |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 806 | 22   | 22   | 0.7961 | 1.5836 | -0.0428 | 2.3369 | 0.3611 | 0.6436 | 0.0872 | 1.0919 |
| 807 | 22.8 | 22   | 0.7951 | 1.583  | -0.0431 | 2.335  | 0.3869 | 0.6252 | 0.0852 | 1.0974 |
| 808 | 23   | 22   | 0.7938 | 1.5828 | -0.0433 | 2.3333 | 0.3928 | 0.621  | 0.0887 | 1.1026 |
| 809 | 23.9 | 22   | 0.7939 | 1.581  | -0.0438 | 2.3311 | 0.3818 | 0.6282 | 0.0948 | 1.1048 |
| 810 | 23.3 | 22   | 0.7947 | 1.5786 | -0.0439 | 2.3294 | 0.3886 | 0.6278 | 0.1002 | 1.1166 |
| 811 | 22   | 21.9 | 0.7938 | 1.5782 | -0.0441 | 2.328  | 0.3811 | 0.6333 | 0.0999 | 1.1143 |
| 812 | 22.6 | 21.9 | 0.7941 | 1.5773 | -0.0443 | 2.3271 | 0.3671 | 0.645  | 0.1018 | 1.1139 |
| 813 | 22.2 | 21.9 | 0.7946 | 1.5762 | -0.0443 | 2.3266 | 0.3676 | 0.6502 | 0.1039 | 1.1217 |
| 814 | 21.6 | 21.8 | 0.7937 | 1.5758 | -0.0442 | 2.3253 | 0.3705 | 0.6507 | 0.1045 | 1.1257 |
| 815 | 20.4 | 21.8 | 0.7936 | 1.5758 | -0.044  | 2.3253 | 0.3727 | 0.6522 | 0.1125 | 1.1375 |
| 816 | 20.7 | 21.8 | 0.7939 | 1.5749 | -0.044  | 2.3249 | 0.3737 | 0.6505 | 0.1143 | 1.1385 |
| 817 | 21.2 | 21.7 | 0.7951 | 1.5733 | -0.0441 | 2.3244 | 0.3988 | 0.6337 | 0.1109 | 1.1434 |
| 818 | 21.3 | 21.7 | 0.7955 | 1.5728 | -0.044  | 2.3244 | 0.4038 | 0.6361 | 0.1083 | 1.1482 |
| 819 | 21.1 | 21.6 | 0.7961 | 1.5727 | -0.044  | 2.3248 | 0.4034 | 0.6393 | 0.112  | 1.1548 |
| 820 | 20.4 | 21.6 | 0.7973 | 1.5718 | -0.0443 | 2.3249 | 0.4207 | 0.654  | 0.112  | 1.1867 |
| 821 | 20.5 | 21.6 | 0.7985 | 1.5701 | -0.0447 | 2.3239 | 0.4265 | 0.6505 | 0.1146 | 1.1916 |
| 822 | 22   | 21.6 | 0.7978 | 1.5695 | -0.0448 | 2.3225 | 0.4308 | 0.6551 | 0.119  | 1.2049 |
| 823 | 21   | 21.6 | 0.7965 | 1.5695 | -0.0446 | 2.3214 | 0.4091 | 0.6714 | 0.1233 | 1.2038 |
| 824 | 21.9 | 21.6 | 0.7956 | 1.5689 | -0.0447 | 2.3198 | 0.3823 | 0.6734 | 0.1277 | 1.1834 |
| 825 | 22.5 | 21.6 | 0.7958 | 1.5683 | -0.0448 | 2.3193 | 0.3793 | 0.6798 | 0.129  | 1.1881 |
| 826 | 21.1 | 21.7 | 0.7986 | 1.5662 | -0.0449 | 2.3198 | 0.3845 | 0.6861 | 0.1311 | 1.2018 |
| 827 | 22.2 | 21.8 | 0.7997 | 1.5648 | -0.0445 | 2.3199 | 0.3989 | 0.6868 | 0.1282 | 1.2139 |
| 828 | 22.6 | 21.8 | 0.7994 | 1.5641 | -0.0445 | 2.319  | 0.4129 | 0.6841 | 0.124  | 1.221  |
| 829 | 22.4 | 21.8 | 0.7983 | 1.5643 | -0.0447 | 2.318  | 0.4243 | 0.6801 | 0.1231 | 1.2275 |
| 830 | 21.9 | 21.9 | 0.7976 | 1.5645 | -0.0445 | 2.3176 | 0.4206 | 0.6863 | 0.1242 | 1.2312 |
| 831 | 22.6 | 21.9 | 0.7974 | 1.5641 | -0.0447 | 2.3168 | 0.4218 | 0.6945 | 0.1286 | 1.2449 |
| 832 | 22.2 | 22   | 0.7972 | 1.5632 | -0.0452 | 2.3152 | 0.4185 | 0.7034 | 0.1252 | 1.2472 |
| 833 | 22.1 | 22   | 0.795  | 1.5622 | -0.0458 | 2.3114 | 0.4045 | 0.7116 | 0.1179 | 1.234  |
| 834 | 21.7 | 22.1 | 0.7927 | 1.5631 | -0.0461 | 2.3096 | 0.409  | 0.7128 | 0.1164 | 1.2381 |
| 835 | 22   | 22.1 | 0.789  | 1.5634 | -0.0461 | 2.3063 | 0.4183 | 0.7187 | 0.1176 | 1.2546 |
| 836 | 22.3 | 22.3 | 0.7883 | 1.5628 | -0.0462 | 2.305  | 0.4173 | 0.7196 | 0.1166 | 1.2534 |
| 837 | 21.6 | 22.3 | 0.7872 | 1.5614 | -0.0461 | 2.3026 | 0.4159 | 0.7256 | 0.1128 | 1.2543 |
| 838 | 21.7 | 22.4 | 0.7858 | 1.5616 | -0.0465 | 2.3008 | 0.4056 | 0.7209 | 0.1137 | 1.2403 |
| 839 | 21.2 | 22.4 | 0.7859 | 1.5607 | -0.0472 | 2.2995 | 0.3976 | 0.7123 | 0.1163 | 1.2262 |
| 840 | 21.8 | 22.4 | 0.7866 | 1.5592 | -0.0476 | 2.2981 | 0.3932 | 0.7197 | 0.1218 | 1.2346 |
| 841 | 22.4 | 22.5 | 0.7872 | 1.5575 | -0.0476 | 2.297  | 0.4032 | 0.7325 | 0.121  | 1.2568 |
| 842 | 22.8 | 22.5 | 0.7891 | 1.555  | -0.0472 | 2.2969 | 0.4104 | 0.7371 | 0.1151 | 1.2626 |



|     |      |      |        |        |         |        |        |        |        |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 843 | 22.8 | 22.5 | 0.7906 | 1.5525 | -0.0471 | 2.2959 | 0.4144 | 0.7252 | 0.1137 | 1.2533 |
| 844 | 23.5 | 22.4 | 0.7909 | 1.5508 | -0.0474 | 2.2944 | 0.4313 | 0.7165 | 0.1174 | 1.2652 |
| 845 | 24.4 | 22.4 | 0.791  | 1.5505 | -0.0472 | 2.2943 | 0.4578 | 0.7069 | 0.1257 | 1.2904 |
| 846 | 21.8 | 22.3 | 0.7917 | 1.5493 | -0.0472 | 2.2938 | 0.4626 | 0.708  | 0.1292 | 1.2997 |
| 847 | 24.2 | 22.3 | 0.791  | 1.5488 | -0.0472 | 2.2926 | 0.4477 | 0.7206 | 0.1257 | 1.294  |
| 848 | 23.1 | 22.3 | 0.7914 | 1.5484 | -0.0473 | 2.2925 | 0.4286 | 0.7353 | 0.1238 | 1.2877 |
| 849 | 22   | 22.4 | 0.7929 | 1.548  | -0.0471 | 2.2938 | 0.3912 | 0.7471 | 0.12   | 1.2583 |
| 850 | 23.2 | 22.5 | 0.794  | 1.5476 | -0.0469 | 2.2947 | 0.3672 | 0.7661 | 0.1132 | 1.2465 |
| 851 | 22.1 | 22.5 | 0.7947 | 1.5469 | -0.0469 | 2.2947 | 0.3628 | 0.762  | 0.1086 | 1.2333 |
| 852 | 22.1 | 22.5 | 0.7949 | 1.5464 | -0.0469 | 2.2945 | 0.3603 | 0.7557 | 0.1007 | 1.2166 |
| 853 | 20.8 | 22.5 | 0.7945 | 1.5465 | -0.047  | 2.294  | 0.3432 | 0.7506 | 0.0988 | 1.1926 |
| 854 | 21.4 | 22.5 | 0.7946 | 1.5461 | -0.047  | 2.2937 | 0.335  | 0.7457 | 0.1014 | 1.1821 |
| 855 | 21.5 | 22.5 | 0.7943 | 1.546  | -0.0468 | 2.2936 | 0.3232 | 0.7569 | 0.099  | 1.1791 |
| 856 | 21.8 | 22.6 | 0.7929 | 1.5466 | -0.0467 | 2.2928 | 0.3005 | 0.761  | 0.098  | 1.1595 |
| 857 | 21.3 | 22.6 | 0.7926 | 1.5465 | -0.0468 | 2.2923 | 0.2825 | 0.7652 | 0.0966 | 1.1444 |
| 858 | 21.8 | 22.7 | 0.7935 | 1.546  | -0.0469 | 2.2926 | 0.2596 | 0.7688 | 0.0934 | 1.1218 |
| 859 | 24   | 22.7 | 0.7931 | 1.5456 | -0.0472 | 2.2915 | 0.2431 | 0.7789 | 0.0908 | 1.1129 |
| 860 | 22.3 | 22.8 | 0.7932 | 1.5448 | -0.0474 | 2.2906 | 0.2562 | 0.7684 | 0.0875 | 1.1121 |
| 861 | 23.5 | 22.9 | 0.794  | 1.5437 | -0.0477 | 2.2901 | 0.2853 | 0.7522 | 0.088  | 1.1255 |
| 862 | 22.9 | 23   | 0.793  | 1.5437 | -0.0479 | 2.2888 | 0.2971 | 0.7579 | 0.0854 | 1.1405 |
| 863 | 23.3 | 23.3 | 0.7924 | 1.5433 | -0.048  | 2.2876 | 0.3132 | 0.755  | 0.0852 | 1.1534 |
| 864 | 23.9 | 23.5 | 0.792  | 1.5423 | -0.0482 | 2.2862 | 0.3271 | 0.7562 | 0.087  | 1.1703 |
| 865 | 24.7 | 23.8 | 0.7916 | 1.5417 | -0.0484 | 2.285  | 0.3371 | 0.7531 | 0.0909 | 1.1812 |
| 866 | 23.4 | 24.1 | 0.7916 | 1.5412 | -0.0484 | 2.2843 | 0.3599 | 0.7618 | 0.0955 | 1.2172 |
| 867 | 24.8 | 24.4 | 0.7916 | 1.5404 | -0.0486 | 2.2834 | 0.3693 | 0.7608 | 0.0974 | 1.2275 |
| 868 | 23.1 | 24.6 | 0.7911 | 1.5396 | -0.0492 | 2.2816 | 0.3981 | 0.7491 | 0.0987 | 1.2459 |
| 869 | 24.1 | 24.7 | 0.7899 | 1.5374 | -0.0493 | 2.278  | 0.4093 | 0.749  | 0.1031 | 1.2615 |
| 870 | 24.2 | 25   | 0.7888 | 1.5376 | -0.0496 | 2.2767 | 0.4104 | 0.7518 | 0.1037 | 1.2658 |
| 871 | 24.6 | 25.1 | 0.7872 | 1.5372 | -0.0502 | 2.2743 | 0.4191 | 0.7551 | 0.101  | 1.2752 |
| 872 | 25.6 | 25.2 | 0.7871 | 1.5357 | -0.0505 | 2.2723 | 0.4255 | 0.7473 | 0.097  | 1.2698 |
| 873 | 26.3 | 25.4 | 0.7875 | 1.5353 | -0.051  | 2.2718 | 0.4142 | 0.7529 | 0.0951 | 1.2622 |
| 874 | 26.3 | 25.4 | 0.7866 | 1.5342 | -0.0511 | 2.2697 | 0.4064 | 0.7607 | 0.0977 | 1.2648 |
| 875 | 27.5 | 25.5 | 0.7845 | 1.5332 | -0.0513 | 2.2664 | 0.4136 | 0.7621 | 0.0985 | 1.2741 |
| 876 | 27   | 25.5 | 0.7828 | 1.5322 | -0.0515 | 2.2635 | 0.4254 | 0.7683 | 0.0994 | 1.2931 |
| 877 | 26   | 25.6 | 0.7811 | 1.5316 | -0.0515 | 2.2612 | 0.4664 | 0.7638 | 0.1024 | 1.3326 |
| 878 | 26.8 | 25.7 | 0.7797 | 1.5311 | -0.0515 | 2.2593 | 0.4904 | 0.7674 | 0.1075 | 1.3654 |
| 879 | 26.6 | 25.7 | 0.7785 | 1.5306 | -0.0515 | 2.2576 | 0.4994 | 0.7666 | 0.1113 | 1.3773 |

|     |      |      |        |        |         |        |        |        |        |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 880 | 25.1 | 25.8 | 0.7766 | 1.5296 | -0.0519 | 2.2543 | 0.4875 | 0.778  | 0.1192 | 1.3847 |
| 881 | 25.3 | 25.8 | 0.7758 | 1.5283 | -0.052  | 2.2521 | 0.4789 | 0.7969 | 0.1255 | 1.4014 |
| 882 | 26.6 | 25.8 | 0.7746 | 1.5274 | -0.0519 | 2.2501 | 0.4818 | 0.8077 | 0.1255 | 1.4149 |
| 883 | 25.5 | 25.8 | 0.7728 | 1.5272 | -0.0518 | 2.2482 | 0.4856 | 0.8114 | 0.1223 | 1.4193 |
| 884 | 24.9 | 25.8 | 0.7705 | 1.5267 | -0.0518 | 2.2454 | 0.466  | 0.8112 | 0.1181 | 1.3953 |
| 885 | 25.2 | 25.6 | 0.7692 | 1.5265 | -0.052  | 2.2438 | 0.4351 | 0.83   | 0.118  | 1.3831 |
| 886 | 24.9 | 25.5 | 0.7681 | 1.5258 | -0.0519 | 2.242  | 0.3855 | 0.8453 | 0.121  | 1.3518 |
| 887 | 25   | 25.5 | 0.767  | 1.5251 | -0.052  | 2.2401 | 0.3715 | 0.8491 | 0.1181 | 1.3387 |
| 888 | 25   | 25.4 | 0.7672 | 1.525  | -0.0522 | 2.24   | 0.3677 | 0.8424 | 0.1217 | 1.3317 |
| 889 | 25.7 | 25.4 | 0.7672 | 1.5236 | -0.0527 | 2.2381 | 0.3627 | 0.8468 | 0.1185 | 1.328  |
| 890 | 25.6 | 25.4 | 0.7653 | 1.5221 | -0.0526 | 2.2348 | 0.3752 | 0.8448 | 0.1123 | 1.3323 |
| 891 | 25   | 25.3 | 0.7645 | 1.521  | -0.0522 | 2.2333 | 0.3937 | 0.8458 | 0.1114 | 1.3509 |
| 892 | 26.6 | 25.2 | 0.7644 | 1.5199 | -0.0522 | 2.232  | 0.4029 | 0.8441 | 0.1147 | 1.3617 |
| 893 | 25.8 | 25.2 | 0.7627 | 1.5194 | -0.0524 | 2.2297 | 0.429  | 0.8361 | 0.1225 | 1.3876 |
| 894 | 24.8 | 25.1 | 0.761  | 1.5191 | -0.0529 | 2.2272 | 0.4477 | 0.8311 | 0.1249 | 1.4037 |
| 895 | 24.8 | 25.1 | 0.7608 | 1.5179 | -0.0531 | 2.2256 | 0.4565 | 0.8276 | 0.1256 | 1.4097 |
| 896 | 25.3 | 25.1 | 0.761  | 1.5167 | -0.0529 | 2.2248 | 0.4614 | 0.8384 | 0.1318 | 1.4316 |
| 897 | 25.8 | 25.1 | 0.7624 | 1.5149 | -0.0529 | 2.2244 | 0.4703 | 0.8413 | 0.1352 | 1.4468 |
| 898 | 25.4 | 25.2 | 0.7645 | 1.5135 | -0.0527 | 2.2253 | 0.4703 | 0.8552 | 0.1346 | 1.4601 |
| 899 | 25   | 25.3 | 0.7656 | 1.5119 | -0.0526 | 2.2249 | 0.4894 | 0.8591 | 0.1354 | 1.484  |
| 900 | 24.4 | 25.3 | 0.7662 | 1.5112 | -0.0524 | 2.2251 | 0.5135 | 0.8667 | 0.1386 | 1.5187 |
| 901 | 24.7 | 25.4 | 0.7665 | 1.5114 | -0.052  | 2.2259 | 0.5294 | 0.8786 | 0.1401 | 1.548  |
| 902 | 24.5 | 25.5 | 0.767  | 1.511  | -0.0519 | 2.2261 | 0.5476 | 0.8857 | 0.1412 | 1.5745 |
| 903 | 23.7 | 25.7 | 0.7668 | 1.5106 | -0.0523 | 2.2251 | 0.5616 | 0.8884 | 0.1457 | 1.5958 |
| 904 | 24.4 | 25.9 | 0.7664 | 1.509  | -0.0522 | 2.2233 | 0.5684 | 0.9057 | 0.1461 | 1.6201 |
| 905 | 25.6 | 26.2 | 0.7671 | 1.5079 | -0.0522 | 2.2227 | 0.5723 | 0.9226 | 0.1444 | 1.6394 |
| 906 | 25.7 | 26.3 | 0.7678 | 1.5071 | -0.0525 | 2.2225 | 0.5658 | 0.939  | 0.1429 | 1.6478 |
| 907 | 26.9 | 26.5 | 0.7692 | 1.5061 | -0.0524 | 2.2229 | 0.5485 | 0.9479 | 0.1401 | 1.6365 |
| 908 | 26.2 | 26.6 | 0.7695 | 1.5049 | -0.0524 | 2.222  | 0.5469 | 0.9576 | 0.1364 | 1.6409 |
| 909 | 26.3 | 26.8 | 0.7683 | 1.5042 | -0.0525 | 2.2199 | 0.5606 | 0.9658 | 0.1308 | 1.6571 |
| 910 | 26.9 | 27   | 0.7662 | 1.5034 | -0.0527 | 2.2168 | 0.563  | 0.966  | 0.1236 | 1.6526 |
| 911 | 28.3 | 27.2 | 0.7641 | 1.5024 | -0.0526 | 2.2139 | 0.5671 | 0.9577 | 0.1239 | 1.6487 |
| 912 | 28.9 | 27.5 | 0.7628 | 1.5018 | -0.0528 | 2.2118 | 0.5906 | 0.9599 | 0.124  | 1.6745 |
| 913 | 29   | 27.7 | 0.7619 | 1.5006 | -0.053  | 2.2096 | 0.5792 | 0.9642 | 0.1216 | 1.665  |
| 914 | 30.8 | 28   | 0.76   | 1.5005 | -0.0533 | 2.2072 | 0.5948 | 0.9658 | 0.1215 | 1.6821 |
| 915 | 28.1 | 28.2 | 0.7576 | 1.4996 | -0.0536 | 2.2036 | 0.6088 | 0.965  | 0.1202 | 1.6941 |
| 916 | 28.4 | 28.5 | 0.757  | 1.4989 | -0.0537 | 2.2021 | 0.6094 | 0.9711 | 0.1205 | 1.701  |

|     |      |      |        |        |         |        |        |        |        |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 917 | 28.1 | 28.7 | 0.7553 | 1.4984 | -0.054  | 2.1998 | 0.618  | 0.9785 | 0.1224 | 1.7189 |
| 918 | 28.1 | 29   | 0.7546 | 1.4979 | -0.0543 | 2.1982 | 0.6262 | 0.978  | 0.1208 | 1.725  |
| 919 | 29   | 29.3 | 0.7551 | 1.4975 | -0.0543 | 2.1982 | 0.6344 | 0.9743 | 0.12   | 1.7286 |
| 920 | 28.7 | 29.6 | 0.7554 | 1.4963 | -0.0544 | 2.1973 | 0.6382 | 0.9572 | 0.1204 | 1.7158 |
| 921 | 29.1 | 29.8 | 0.7559 | 1.4953 | -0.0543 | 2.1969 | 0.6502 | 0.9752 | 0.1172 | 1.7426 |
| 922 | 28.7 | 30   | 0.7564 | 1.4942 | -0.0543 | 2.1963 | 0.649  | 0.983  | 0.1147 | 1.7467 |
| 923 | 28.6 | 30.2 | 0.7559 | 1.4934 | -0.0544 | 2.1949 | 0.6589 | 0.9762 | 0.1133 | 1.7484 |
| 924 | 30.6 | 30.2 | 0.7542 | 1.4927 | -0.0546 | 2.1924 | 0.6698 | 0.991  | 0.1084 | 1.7692 |
| 925 | 30.5 | 30.4 | 0.7533 | 1.4914 | -0.0548 | 2.19   | 0.6657 | 0.9937 | 0.107  | 1.7664 |
| 926 | 31.2 | 30.6 | 0.7519 | 1.4898 | -0.0552 | 2.1866 | 0.6568 | 0.9888 | 0.1008 | 1.7464 |
| 927 | 32.1 | 31   | 0.7506 | 1.488  | -0.0553 | 2.1833 | 0.6387 | 0.9897 | 0.0973 | 1.7257 |
| 928 | 31.7 | 31.2 | 0.7495 | 1.4874 | -0.0557 | 2.1813 | 0.6193 | 0.9976 | 0.0995 | 1.7164 |
| 929 | 31.9 | 31.5 | 0.7496 | 1.4865 | -0.0566 | 2.1795 | 0.6095 | 1.0031 | 0.102  | 1.7145 |
| 930 | 32.5 | 31.7 | 0.7497 | 1.4849 | -0.057  | 2.1775 | 0.6112 | 1.0103 | 0.1044 | 1.726  |
| 931 | 32   | 31.9 | 0.7492 | 1.4834 | -0.0572 | 2.1753 | 0.6093 | 1.0165 | 0.1016 | 1.7274 |
| 932 | 33   | 32   | 0.7486 | 1.4821 | -0.0574 | 2.1733 | 0.6092 | 1.0157 | 0.1011 | 1.7259 |
| 933 | 30.9 | 32.2 | 0.7484 | 1.4811 | -0.0576 | 2.1719 | 0.5947 | 1.0254 | 0.1008 | 1.7209 |
| 934 | 31.9 | 32.2 | 0.7491 | 1.4801 | -0.0579 | 2.1713 | 0.5768 | 1.0353 | 0.0989 | 1.711  |
| 935 | 33.4 | 32.3 | 0.7505 | 1.4789 | -0.0582 | 2.1711 | 0.5569 | 1.0412 | 0.0955 | 1.6935 |
| 936 | 34.1 | 32.3 | 0.7512 | 1.4779 | -0.058  | 2.1711 | 0.5535 | 1.0496 | 0.0934 | 1.6965 |
| 937 | 33.5 | 32.2 | 0.7504 | 1.4772 | -0.0582 | 2.1694 | 0.5533 | 1.0586 | 0.0966 | 1.7085 |
| 938 | 34.4 | 32.2 | 0.7495 | 1.4769 | -0.0584 | 2.168  | 0.5585 | 1.0548 | 0.1029 | 1.7162 |
| 939 | 32   | 32.2 | 0.7484 | 1.4762 | -0.0584 | 2.1662 | 0.5663 | 1.0615 | 0.1061 | 1.7339 |
| 940 | 32.3 | 32.2 | 0.7472 | 1.4746 | -0.0587 | 2.163  | 0.579  | 1.0608 | 0.1038 | 1.7437 |
| 941 | 31.5 | 32.2 | 0.7469 | 1.4731 | -0.0591 | 2.1609 | 0.5836 | 1.0614 | 0.1079 | 1.7528 |
| 942 | 31.4 | 32.2 | 0.7462 | 1.4714 | -0.0595 | 2.1581 | 0.584  | 1.0587 | 0.1183 | 1.761  |
| 943 | 31.7 | 32.3 | 0.7458 | 1.4694 | -0.0596 | 2.1555 | 0.5917 | 1.0666 | 0.124  | 1.7824 |
| 944 | 31.9 | 32.4 | 0.7452 | 1.4681 | -0.0599 | 2.1534 | 0.593  | 1.0781 | 0.1218 | 1.7929 |
| 945 | 30.5 | 32.4 | 0.7448 | 1.4667 | -0.0604 | 2.1511 | 0.5891 | 1.0866 | 0.1149 | 1.7906 |
| 946 | 30.9 | 32.3 | 0.7446 | 1.4652 | -0.0607 | 2.1491 | 0.5918 | 1.0927 | 0.1126 | 1.7971 |
| 947 | 31.7 | 32.3 | 0.744  | 1.4633 | -0.0607 | 2.1466 | 0.6078 | 1.0894 | 0.1167 | 1.8138 |
| 948 | 32.4 | 32.2 | 0.7425 | 1.4624 | -0.0608 | 2.1441 | 0.6292 | 1.0776 | 0.1156 | 1.8224 |
| 949 | 31.3 | 32.3 | 0.7416 | 1.4614 | -0.061  | 2.142  | 0.6683 | 1.0721 | 0.1185 | 1.8589 |
| 950 | 33.3 | 32.4 | 0.741  | 1.4598 | -0.0609 | 2.1399 | 0.691  | 1.0601 | 0.1204 | 1.8716 |
| 951 | 32.6 | 32.6 | 0.7399 | 1.4584 | -0.061  | 2.1373 | 0.7108 | 1.0618 | 0.1244 | 1.897  |
| 952 | 32.9 | 32.8 | 0.7387 | 1.4576 | -0.0614 | 2.1349 | 0.7194 | 1.0858 | 0.129  | 1.9342 |
| 953 | 33.3 | 33   | 0.7376 | 1.4559 | -0.0616 | 2.132  | 0.7381 | 1.0993 | 0.1317 | 1.969  |

|     |      |      |        |        |         |        |        |        |        |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 954 | 33.4 | 33.2 | 0.7374 | 1.4538 | -0.0614 | 2.1298 | 0.7457 | 1.1082 | 0.1271 | 1.981  |
| 955 | 33.3 | 33.4 | 0.7377 | 1.4521 | -0.061  | 2.1288 | 0.753  | 1.1055 | 0.128  | 1.9865 |
| 956 | 32.4 | 33.5 | 0.7381 | 1.4518 | -0.0607 | 2.1292 | 0.7673 | 1.1049 | 0.124  | 1.9961 |
| 957 | 33.5 | 33.6 | 0.7379 | 1.4508 | -0.0604 | 2.1282 | 0.7887 | 1.0973 | 0.1192 | 2.0053 |
| 958 | 32.8 | 33.7 | 0.7374 | 1.4494 | -0.06   | 2.1269 | 0.8108 | 1.0939 | 0.1215 | 2.0262 |
| 959 | 34.8 | 33.9 | 0.7368 | 1.449  | -0.0596 | 2.1262 | 0.8255 | 1.0959 | 0.1246 | 2.0459 |
| 960 | 35.8 | 34   | 0.7365 | 1.449  | -0.0598 | 2.1257 | 0.8398 | 1.0915 | 0.1273 | 2.0585 |
| 961 | 35.4 | 34.1 | 0.735  | 1.4477 | -0.0601 | 2.1226 | 0.8496 | 1.0937 | 0.125  | 2.0684 |
| 962 | 34.9 | 34.2 | 0.7351 | 1.4473 | -0.0601 | 2.1223 | 0.8485 | 1.0997 | 0.127  | 2.0752 |
| 963 | 34.9 | 34.5 | 0.7329 | 1.4467 | -0.0602 | 2.1194 | 0.859  | 1.0998 | 0.1295 | 2.0882 |
| 964 | 34.6 | 34.6 | 0.7312 | 1.4458 | -0.0602 | 2.1168 | 0.8639 | 1.0963 | 0.1317 | 2.0919 |
| 965 | 33.8 | 34.7 | 0.7307 | 1.4446 | -0.0605 | 2.1149 | 0.8435 | 1.107  | 0.1319 | 2.0824 |
| 966 | 33.3 | 34.9 | 0.7298 | 1.4433 | -0.0607 | 2.1124 | 0.8218 | 1.1108 | 0.1325 | 2.0651 |
| 967 | 34.4 | 35   | 0.729  | 1.4426 | -0.0607 | 2.1109 | 0.8187 | 1.1091 | 0.1333 | 2.0611 |
| 968 | 35.3 | 35.2 | 0.7277 | 1.4421 | -0.0611 | 2.1087 | 0.8028 | 1.1154 | 0.1335 | 2.0517 |
| 969 | 35.4 | 35.2 | 0.7261 | 1.4417 | -0.0613 | 2.1064 | 0.8008 | 1.1254 | 0.1317 | 2.0579 |
| 970 | 34.1 | 35.3 | 0.7238 | 1.4401 | -0.0614 | 2.1025 | 0.8093 | 1.1395 | 0.1302 | 2.0791 |
| 971 | 35   | 35.4 | 0.7223 | 1.4389 | -0.0616 | 2.0996 | 0.8227 | 1.1421 | 0.129  | 2.0938 |
| 972 | 37.8 | 35.6 | 0.7212 | 1.4381 | -0.0619 | 2.0974 | 0.8355 | 1.1473 | 0.1332 | 2.1159 |
| 973 | 35.3 | 35.7 | 0.7205 | 1.4362 | -0.0618 | 2.0949 | 0.8547 | 1.1554 | 0.134  | 2.144  |
| 974 | 36.2 | 35.9 | 0.72   | 1.4348 | -0.0618 | 2.0931 | 0.8686 | 1.1546 | 0.129  | 2.1522 |
| 975 | 35.1 | 36.1 | 0.7188 | 1.4343 | -0.0614 | 2.0918 | 0.8543 | 1.1539 | 0.1219 | 2.1302 |
| 976 | 36.4 | 36.4 | 0.7189 | 1.4332 | -0.0612 | 2.0909 | 0.8558 | 1.1557 | 0.1161 | 2.1276 |
| 977 | 35.5 | 36.5 | 0.7192 | 1.4318 | -0.0614 | 2.0895 | 0.8412 | 1.1463 | 0.111  | 2.0985 |
| 978 | 36.3 | 36.6 | 0.7188 | 1.4308 | -0.0617 | 2.0879 | 0.835  | 1.135  | 0.1106 | 2.0806 |
| 979 | 37.2 | 36.6 | 0.7174 | 1.4295 | -0.0619 | 2.085  | 0.8413 | 1.1378 | 0.1083 | 2.0874 |
| 980 | 38   | 36.7 | 0.7156 | 1.428  | -0.0621 | 2.0816 | 0.8581 | 1.1395 | 0.0987 | 2.0963 |
| 981 | 37.2 | 36.8 | 0.7149 | 1.4267 | -0.0621 | 2.0795 | 0.8818 | 1.1321 | 0.0945 | 2.1085 |
| 982 | 37   | 36.7 | 0.7151 | 1.4248 | -0.062  | 2.078  | 0.8887 | 1.1317 | 0.0927 | 2.1131 |
| 983 | 38.2 | 36.8 | 0.7151 | 1.4236 | -0.0617 | 2.0771 | 0.8947 | 1.1316 | 0.0912 | 2.1175 |
| 984 | 37.6 | 36.9 | 0.7148 | 1.4226 | -0.0613 | 2.0761 | 0.9159 | 1.1281 | 0.0945 | 2.1385 |
| 985 | 38.7 | 37   | 0.7139 | 1.4216 | -0.0613 | 2.0741 | 0.9313 | 1.1363 | 0.0952 | 2.1628 |
| 986 | 37.3 | 37.1 | 0.7128 | 1.4199 | -0.0615 | 2.0712 | 0.9655 | 1.1313 | 0.0981 | 2.1949 |
| 987 | 36.2 | 37.3 | 0.7111 | 1.4196 | -0.0623 | 2.0685 | 0.9934 | 1.1366 | 0.1031 | 2.2331 |
| 988 | 36.2 | 37.4 | 0.7106 | 1.4188 | -0.0628 | 2.0666 | 0.9976 | 1.1348 | 0.1022 | 2.2346 |
| 989 | 36   | 37.7 | 0.7093 | 1.4175 | -0.0631 | 2.0638 | 1.0031 | 1.1447 | 0.1033 | 2.2511 |
| 990 | 36.9 | 37.8 | 0.7069 | 1.416  | -0.0634 | 2.0595 | 1.0117 | 1.1561 | 0.1056 | 2.2734 |

|      |      |      |        |        |         |        |        |        |        |        |
|------|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 991  | 36.4 | 38   | 0.7061 | 1.4151 | -0.0641 | 2.0572 | 1.0191 | 1.1522 | 0.1013 | 2.2726 |
| 992  | 37.4 | 38.1 | 0.7052 | 1.4132 | -0.0646 | 2.0538 | 1.0306 | 1.1494 | 0.0973 | 2.2773 |
| 993  | 37.5 | 38.1 | 0.7034 | 1.4116 | -0.0646 | 2.0504 | 1.0401 | 1.1446 | 0.0915 | 2.2763 |
| 994  | 37.4 | 38.2 | 0.7021 | 1.4104 | -0.0644 | 2.0481 | 1.0586 | 1.1371 | 0.0887 | 2.2844 |
| 995  | 37.9 | 38.4 | 0.7016 | 1.4086 | -0.0644 | 2.0459 | 1.0765 | 1.1359 | 0.0842 | 2.2965 |
| 996  | 40.1 | 38.6 | 0.7002 | 1.4078 | -0.0646 | 2.0434 | 1.0855 | 1.1292 | 0.0817 | 2.2964 |
| 997  | 37.6 | 38.8 | 0.6994 | 1.4071 | -0.0644 | 2.0422 | 1.0893 | 1.127  | 0.0808 | 2.2971 |
| 998  | 42.5 | 38.8 | 0.6977 | 1.4063 | -0.0646 | 2.0394 | 1.0948 | 1.1171 | 0.0835 | 2.2954 |
| 999  | 41   | 39   | 0.6965 | 1.4059 | -0.0646 | 2.0377 | 1.0935 | 1.129  | 0.0835 | 2.306  |
| 1000 | 40.6 | 39.2 | 0.6951 | 1.405  | -0.0648 | 2.0354 | 1.0946 | 1.1282 | 0.0811 | 2.3039 |
| 1001 | 37.8 | 39.4 | 0.6945 | 1.4028 | -0.0649 | 2.0324 | 1.0935 | 1.1204 | 0.0823 | 2.2962 |
| 1002 | 38.7 | 39.5 | 0.6932 | 1.401  | -0.0651 | 2.0292 | 1.0906 | 1.1153 | 0.0818 | 2.2878 |
| 1003 | 40.3 | 39.8 | 0.6922 | 1.3998 | -0.065  | 2.027  | 1.0889 | 1.1271 | 0.0767 | 2.2927 |
| 1004 | 41.1 | 40   | 0.6911 | 1.3985 | -0.065  | 2.0246 | 1.0902 | 1.1224 | 0.0736 | 2.2863 |
| 1005 | 41.6 | 40.1 | 0.6903 | 1.3974 | -0.0646 | 2.0231 | 1.0992 | 1.111  | 0.0762 | 2.2864 |
| 1006 | 39.3 | 40.1 | 0.689  | 1.3974 | -0.0644 | 2.0219 | 1.111  | 1.1069 | 0.0842 | 2.3022 |
| 1007 | 37.4 | 40.3 | 0.6881 | 1.3967 | -0.0646 | 2.0202 | 1.1145 | 1.1178 | 0.0898 | 2.322  |
| 1008 | 38.7 | 40.1 | 0.687  | 1.3953 | -0.0649 | 2.0174 | 1.1186 | 1.1277 | 0.0908 | 2.3372 |
| 1009 | 41.1 | 40   | 0.6843 | 1.395  | -0.0653 | 2.014  | 1.1195 | 1.1193 | 0.0942 | 2.3329 |
| 1010 | 41.3 | 40   | 0.6812 | 1.394  | -0.0652 | 2.01   | 1.1181 | 1.1272 | 0.0962 | 2.3415 |
| 1011 | 39.4 | 40.1 | 0.6793 | 1.3924 | -0.0653 | 2.0064 | 1.1178 | 1.1399 | 0.0939 | 2.3516 |
| 1012 | 41.5 | 40.2 | 0.6769 | 1.3918 | -0.0658 | 2.0029 | 1.108  | 1.1402 | 0.0929 | 2.341  |
| 1013 | 42   | 40.2 | 0.6755 | 1.391  | -0.0661 | 2.0004 | 1.1244 | 1.1479 | 0.0962 | 2.3686 |
| 1014 | 40.5 | 40.4 | 0.6756 | 1.3898 | -0.0665 | 1.999  | 1.1212 | 1.1513 | 0.0972 | 2.3697 |
| 1015 | 39.5 | 40.4 | 0.6754 | 1.3885 | -0.0668 | 1.9971 | 1.1114 | 1.1532 | 0.0976 | 2.3623 |
| 1016 | 40.6 | 40.5 | 0.6751 | 1.388  | -0.067  | 1.996  | 1.1197 | 1.1616 | 0.0978 | 2.3791 |
| 1017 | 39.8 | 40.6 | 0.6751 | 1.3869 | -0.0673 | 1.9946 | 1.1227 | 1.1623 | 0.0983 | 2.3833 |
| 1018 | 38.9 | 40.7 | 0.6745 | 1.3854 | -0.0675 | 1.9924 | 1.1251 | 1.1632 | 0.101  | 2.3892 |
| 1019 | 41   | 40.6 | 0.6741 | 1.3836 | -0.0674 | 1.9903 | 1.1216 | 1.1694 | 0.1    | 2.3909 |
| 1020 | 39.5 | 40.5 | 0.6732 | 1.3821 | -0.0673 | 1.988  | 1.1138 | 1.1844 | 0.0968 | 2.3951 |
| 1021 | 40.6 | 40.6 | 0.6724 | 1.3806 | -0.0677 | 1.9853 | 1.0954 | 1.1765 | 0.0992 | 2.3711 |
| 1022 | 40.1 | 40.6 | 0.6709 | 1.3787 | -0.0677 | 1.9819 | 1.0843 | 1.1741 | 0.1    | 2.3584 |
| 1023 | 44.3 | 40.6 | 0.669  | 1.378  | -0.0673 | 1.9797 | 1.0725 | 1.1733 | 0.1026 | 2.3484 |
| 1024 | 42   | 40.6 | 0.6688 | 1.3773 | -0.0667 | 1.9793 | 1.0607 | 1.1714 | 0.1057 | 2.3378 |
| 1025 | 41.2 | 40.5 | 0.6677 | 1.3759 | -0.0664 | 1.9772 | 1.057  | 1.178  | 0.109  | 2.344  |
| 1026 | 39.5 | 40.4 | 0.6678 | 1.3752 | -0.0663 | 1.9767 | 1.0496 | 1.1904 | 0.1117 | 2.3516 |
| 1027 | 40   | 40.4 | 0.6671 | 1.3745 | -0.0664 | 1.9753 | 1.0599 | 1.197  | 0.1107 | 2.3677 |

|      |      |      |        |        |         |        |        |        |        |        |
|------|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 1028 | 39.5 | 40.5 | 0.6654 | 1.3737 | -0.0665 | 1.9725 | 1.0829 | 1.2039 | 0.1091 | 2.3959 |
| 1029 | 40.6 | 40.6 | 0.6637 | 1.3726 | -0.0665 | 1.9699 | 1.0935 | 1.208  | 0.1064 | 2.4079 |
| 1030 | 41.3 | 40.7 | 0.6615 | 1.3716 | -0.0665 | 1.9667 | 1.0826 | 1.2159 | 0.1071 | 2.4056 |
| 1031 | 40.2 | 40.9 | 0.6603 | 1.3702 | -0.0665 | 1.964  | 1.0777 | 1.213  | 0.109  | 2.3998 |
| 1032 | 42.8 | 41   | 0.6591 | 1.3689 | -0.0665 | 1.9615 | 1.0827 | 1.2164 | 0.1099 | 2.4089 |
| 1033 | 40.7 | 40.8 | 0.6568 | 1.3682 | -0.067  | 1.958  | 1.0919 | 1.206  | 0.1123 | 2.4102 |
| 1034 | 37.6 | 40.8 | 0.656  | 1.3664 | -0.0674 | 1.955  | 1.1027 | 1.2047 | 0.1203 | 2.4276 |
| 1035 | 38.6 | 40.9 | 0.6539 | 1.3657 | -0.068  | 1.9516 | 1.1188 | 1.205  | 0.1227 | 2.4465 |
| 1036 | 38.5 | 41.1 | 0.6519 | 1.3642 | -0.0683 | 1.9478 | 1.1298 | 1.2106 | 0.124  | 2.4644 |
| 1037 | 41.3 | 41.1 | 0.6506 | 1.3637 | -0.0684 | 1.9459 | 1.1337 | 1.2156 | 0.1219 | 2.4712 |
| 1038 | 42.2 | 41.2 | 0.6492 | 1.3625 | -0.0687 | 1.9429 | 1.1355 | 1.2287 | 0.1159 | 2.4801 |
| 1039 | 42.8 | 41.3 | 0.6472 | 1.3606 | -0.069  | 1.9389 | 1.1391 | 1.2319 | 0.1144 | 2.4854 |
| 1040 | 44.2 | 41.2 | 0.6453 | 1.3594 | -0.0689 | 1.9358 | 1.1299 | 1.2357 | 0.116  | 2.4816 |
| 1041 | 41.9 | 41.2 | 0.6438 | 1.3581 | -0.0688 | 1.9331 | 1.1082 | 1.2302 | 0.1132 | 2.4516 |
| 1042 | 40.8 | 41   | 0.6422 | 1.3569 | -0.0686 | 1.9305 | 1.1045 | 1.2362 | 0.1092 | 2.4499 |
| 1043 | 41.7 | 41   | 0.6399 | 1.3557 | -0.0685 | 1.9271 | 1.0959 | 1.2374 | 0.105  | 2.4383 |
| 1044 | 42.9 | 41.2 | 0.6376 | 1.3545 | -0.0683 | 1.9237 | 1.0781 | 1.2411 | 0.1012 | 2.4204 |
| 1045 | 43.7 | 41.2 | 0.6363 | 1.3538 | -0.0686 | 1.9215 | 1.0783 | 1.2518 | 0.1043 | 2.4345 |
| 1046 | 38.9 | 41.2 | 0.6357 | 1.3525 | -0.0688 | 1.9194 | 1.0761 | 1.2547 | 0.1032 | 2.434  |
| 1047 | 42.6 | 41.1 | 0.6345 | 1.3515 | -0.069  | 1.917  | 1.0694 | 1.2554 | 0.102  | 2.4268 |
| 1048 | 41.6 | 41   | 0.6331 | 1.3495 | -0.0692 | 1.9135 | 1.0701 | 1.2744 | 0.1069 | 2.4514 |
| 1049 | 39.3 | 41.1 | 0.6321 | 1.3485 | -0.0691 | 1.9116 | 1.0712 | 1.2817 | 0.1072 | 2.4602 |
| 1050 | 40   | 40.9 | 0.6317 | 1.3477 | -0.0691 | 1.9103 | 1.0837 | 1.2928 | 0.1118 | 2.4883 |
| 1051 | 39.7 | 40.8 | 0.6309 | 1.3468 | -0.0692 | 1.9085 | 1.0879 | 1.294  | 0.111  | 2.4929 |
| 1052 | 40.5 | 40.7 | 0.6299 | 1.3449 | -0.0691 | 1.9057 | 1.0962 | 1.2822 | 0.1153 | 2.4936 |
| 1053 | 40.6 | 40.6 | 0.6286 | 1.3437 | -0.0689 | 1.9033 | 1.1004 | 1.271  | 0.1163 | 2.4877 |
| 1054 | 38.9 | 40.5 | 0.6274 | 1.3427 | -0.069  | 1.9012 | 1.0976 | 1.2798 | 0.1178 | 2.4952 |
| 1055 | 38.6 | 40.4 | 0.6266 | 1.3415 | -0.0695 | 1.8986 | 1.0949 | 1.2847 | 0.1197 | 2.4993 |
| 1056 | 40.3 | 40.6 | 0.6266 | 1.34   | -0.0697 | 1.897  | 1.0894 | 1.2857 | 0.1208 | 2.4958 |
| 1057 | 40.5 | 40.5 | 0.6261 | 1.338  | -0.0695 | 1.8945 | 1.0757 | 1.3022 | 0.118  | 2.4959 |
| 1058 | 43.8 | 40.5 | 0.6255 | 1.3375 | -0.0694 | 1.8936 | 1.0752 | 1.3246 | 0.1156 | 2.5153 |
| 1059 | 40.4 | 40.6 | 0.625  | 1.3363 | -0.0692 | 1.8921 | 1.0675 | 1.3318 | 0.1131 | 2.5124 |
| 1060 | 40.3 | 40.6 | 0.6247 | 1.335  | -0.0692 | 1.8905 | 1.0477 | 1.3581 | 0.1075 | 2.5133 |
| 1061 | 39.6 | 40.8 | 0.6242 | 1.3337 | -0.0694 | 1.8885 | 1.016  | 1.3491 | 0.1083 | 2.4734 |
| 1062 | 40   | 40.9 | 0.6227 | 1.3325 | -0.0697 | 1.8854 | 0.9934 | 1.3428 | 0.1056 | 2.4419 |
| 1063 | 40.6 | 40.9 | 0.6208 | 1.3316 | -0.0699 | 1.8825 | 0.9672 | 1.3509 | 0.1018 | 2.4199 |
| 1064 | 41.9 | 41   | 0.62   | 1.3305 | -0.07   | 1.8805 | 0.9573 | 1.3631 | 0.0991 | 2.4195 |

|      |      |      |        |        |         |        |        |        |        |        |
|------|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 1065 | 42.2 | 41.1 | 0.6187 | 1.3285 | -0.0703 | 1.8769 | 0.9608 | 1.3727 | 0.0957 | 2.4292 |
| 1066 | 40.9 | 41.2 | 0.6175 | 1.3271 | -0.0705 | 1.8741 | 0.958  | 1.3755 | 0.0924 | 2.4259 |
| 1067 | 41.5 | 41.3 | 0.6165 | 1.3263 | -0.0708 | 1.872  | 0.955  | 1.3803 | 0.0905 | 2.4258 |
| 1068 | 42.2 | 41.2 | 0.6156 | 1.3252 | -0.0711 | 1.8696 | 0.9498 | 1.3753 | 0.0869 | 2.412  |
| 1069 | 40   | 41.2 | 0.6147 | 1.3232 | -0.071  | 1.8669 | 0.9522 | 1.373  | 0.0843 | 2.4095 |
| 1070 | 42.1 | 41.3 | 0.6142 | 1.3224 | -0.0713 | 1.8653 | 0.9561 | 1.3647 | 0.0796 | 2.4003 |
| 1071 | 42.1 | 41.4 | 0.6139 | 1.3215 | -0.0716 | 1.8638 | 0.9539 | 1.3623 | 0.0815 | 2.3977 |
| 1072 | 41.2 | 41.3 | 0.614  | 1.3207 | -0.0721 | 1.8626 | 0.9504 | 1.364  | 0.0809 | 2.3952 |
| 1073 | 40.9 | 41.3 | 0.6145 | 1.319  | -0.0724 | 1.8611 | 0.9513 | 1.348  | 0.0817 | 2.381  |
| 1074 | 41.6 | 41.2 | 0.6143 | 1.317  | -0.0727 | 1.8587 | 0.942  | 1.3505 | 0.0875 | 2.38   |
| 1075 | 40.9 | 41.1 | 0.6138 | 1.3153 | -0.0726 | 1.8566 | 0.9442 | 1.3563 | 0.0977 | 2.3982 |
| 1076 | 41.8 | 41.1 | 0.6129 | 1.3135 | -0.0723 | 1.8541 | 0.945  | 1.3571 | 0.105  | 2.4071 |
| 1077 | 42.2 | 41   | 0.6109 | 1.3114 | -0.0724 | 1.8499 | 0.9586 | 1.3652 | 0.108  | 2.4318 |
| 1078 | 41.5 | 40.9 | 0.6094 | 1.31   | -0.0723 | 1.8471 | 0.9628 | 1.365  | 0.1074 | 2.4352 |
| 1079 | 41.3 | 41   | 0.6092 | 1.3079 | -0.0726 | 1.8445 | 0.9451 | 1.3628 | 0.1068 | 2.4148 |
| 1080 | 41   | 40.9 | 0.6079 | 1.3067 | -0.073  | 1.8416 | 0.9331 | 1.364  | 0.1084 | 2.4055 |
| 1081 | 38.8 | 40.8 | 0.6066 | 1.305  | -0.0731 | 1.8386 | 0.9112 | 1.3715 | 0.107  | 2.3897 |
| 1082 | 40.2 | 40.7 | 0.6059 | 1.3042 | -0.0732 | 1.837  | 0.9056 | 1.3691 | 0.1065 | 2.3812 |
| 1083 | 40.4 | 40.6 | 0.6049 | 1.3032 | -0.0737 | 1.8343 | 0.8986 | 1.3708 | 0.111  | 2.3804 |
| 1084 | 40.9 | 40.5 | 0.603  | 1.302  | -0.0736 | 1.8314 | 0.8867 | 1.3898 | 0.1047 | 2.3812 |
| 1085 | 40.3 | 40.4 | 0.6009 | 1.3005 | -0.0737 | 1.8277 | 0.8978 | 1.3874 | 0.099  | 2.3843 |
| 1086 | 39.8 | 40.4 | 0.5994 | 1.2983 | -0.0737 | 1.824  | 0.8911 | 1.3957 | 0.0933 | 2.3801 |
| 1087 | 40.2 | 40.4 | 0.5976 | 1.2967 | -0.0739 | 1.8205 | 0.8855 | 1.3944 | 0.0938 | 2.3737 |
| 1088 | 41.3 | 40.5 | 0.5967 | 1.2956 | -0.0743 | 1.818  | 0.8898 | 1.3957 | 0.0967 | 2.3822 |
| 1089 | 40.9 | 40.6 | 0.5963 | 1.294  | -0.0747 | 1.8156 | 0.8883 | 1.3965 | 0.0967 | 2.3814 |
| 1090 | 39.8 | 40.6 | 0.5961 | 1.293  | -0.0747 | 1.8143 | 0.8795 | 1.3957 | 0.0969 | 2.372  |
| 1091 | 40.3 | 40.8 | 0.5957 | 1.2915 | -0.075  | 1.8122 | 0.8651 | 1.3965 | 0.0985 | 2.3601 |
| 1092 | 39.1 | 41   | 0.5956 | 1.2895 | -0.0751 | 1.81   | 0.853  | 1.4064 | 0.1008 | 2.3601 |
| 1093 | 38.4 | 41.1 | 0.5956 | 1.2875 | -0.0747 | 1.8083 | 0.8361 | 1.4151 | 0.1039 | 2.3552 |
| 1094 | 39.9 | 41.1 | 0.5942 | 1.2852 | -0.0748 | 1.8047 | 0.8228 | 1.4039 | 0.1041 | 2.3308 |
| 1095 | 41.4 | 41.2 | 0.594  | 1.2832 | -0.0747 | 1.8025 | 0.8116 | 1.4024 | 0.1079 | 2.3219 |
| 1096 | 42.8 | 41.4 | 0.5933 | 1.2822 | -0.0748 | 1.8008 | 0.8052 | 1.4196 | 0.1077 | 2.3326 |
| 1097 | 42.2 | 41.4 | 0.5924 | 1.2797 | -0.0751 | 1.797  | 0.8103 | 1.4136 | 0.1079 | 2.3317 |
| 1098 | 42.9 | 41.6 | 0.5906 | 1.2781 | -0.0753 | 1.7934 | 0.8196 | 1.4157 | 0.1086 | 2.3439 |
| 1099 | 41.5 | 41.6 | 0.5881 | 1.2766 | -0.0758 | 1.7889 | 0.8231 | 1.4129 | 0.1091 | 2.345  |
| 1100 | 43.4 | 41.7 | 0.5864 | 1.2756 | -0.0759 | 1.7861 | 0.8239 | 1.4179 | 0.1105 | 2.3523 |
| 1101 | 44.1 | 41.8 | 0.5849 | 1.2746 | -0.0764 | 1.7831 | 0.828  | 1.431  | 0.1116 | 2.3706 |

|      |      |      |        |        |         |        |        |        |        |        |
|------|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 1102 | 40.7 | 42.1 | 0.5832 | 1.2739 | -0.0767 | 1.7804 | 0.8364 | 1.4398 | 0.112  | 2.3882 |
| 1103 | 41.4 | 42.3 | 0.5825 | 1.2718 | -0.0768 | 1.7775 | 0.8393 | 1.435  | 0.1122 | 2.3865 |
| 1104 | 43.4 | 42.5 | 0.5816 | 1.27   | -0.077  | 1.7747 | 0.8367 | 1.4465 | 0.1179 | 2.401  |
| 1105 | 42   | 42.6 | 0.5814 | 1.2689 | -0.0767 | 1.7735 | 0.8357 | 1.4479 | 0.114  | 2.3976 |
| 1106 | 41.6 | 42.6 | 0.5814 | 1.2672 | -0.0762 | 1.7723 | 0.823  | 1.4578 | 0.1144 | 2.3952 |
| 1107 | 43.9 | 42.6 | 0.5806 | 1.2642 | -0.0761 | 1.7687 | 0.8353 | 1.4685 | 0.1162 | 2.42   |
| 1108 | 41.3 | 42.8 | 0.5802 | 1.2621 | -0.0762 | 1.7662 | 0.8286 | 1.4774 | 0.118  | 2.424  |
| 1109 | 42.2 | 43   | 0.5795 | 1.2592 | -0.076  | 1.7627 | 0.8283 | 1.4755 | 0.1213 | 2.4251 |
| 1110 | 42.1 | 43.1 | 0.5796 | 1.2591 | -0.076  | 1.7627 | 0.8333 | 1.4708 | 0.1273 | 2.4315 |
| 1111 | 43.8 | 43.3 | 0.5799 | 1.2582 | -0.0759 | 1.7622 | 0.8448 | 1.4838 | 0.1274 | 2.456  |
| 1112 | 43.4 | 43.5 | 0.5802 | 1.2567 | -0.076  | 1.7609 | 0.8402 | 1.4961 | 0.1268 | 2.463  |
| 1113 | 42.7 | 43.8 | 0.5798 | 1.2547 | -0.0761 | 1.7584 | 0.8361 | 1.5059 | 0.1248 | 2.4667 |
| 1114 | 43.1 | 44   | 0.5796 | 1.2525 | -0.076  | 1.756  | 0.8416 | 1.5153 | 0.1234 | 2.4803 |
| 1115 | 43.1 | 44.1 | 0.5796 | 1.251  | -0.0761 | 1.7545 | 0.8589 | 1.5108 | 0.1281 | 2.4977 |
| 1116 | 43.2 | 44.3 | 0.5796 | 1.2499 | -0.0761 | 1.7534 | 0.8578 | 1.5177 | 0.1274 | 2.5029 |
| 1117 | 45.4 | 44.4 | 0.5801 | 1.2493 | -0.076  | 1.7534 | 0.8663 | 1.518  | 0.125  | 2.5093 |
| 1118 | 46.9 | 44.6 | 0.5793 | 1.2481 | -0.0759 | 1.7515 | 0.8693 | 1.5467 | 0.1237 | 2.5397 |
| 1119 | 45   | 44.8 | 0.5785 | 1.2471 | -0.0753 | 1.7503 | 0.8882 | 1.5385 | 0.1206 | 2.5473 |
| 1120 | 46.6 | 45.1 | 0.5778 | 1.2459 | -0.0755 | 1.7482 | 0.8992 | 1.5325 | 0.1218 | 2.5534 |
| 1121 | 45.9 | 45.3 | 0.5773 | 1.2442 | -0.0758 | 1.7458 | 0.8936 | 1.5548 | 0.1191 | 2.5676 |
| 1122 | 46.8 | 45.6 | 0.5758 | 1.2439 | -0.0759 | 1.7438 | 0.8811 | 1.5726 | 0.115  | 2.5687 |
| 1123 | 46.5 | 46   | 0.5748 | 1.2429 | -0.076  | 1.7417 | 0.8944 | 1.5787 | 0.106  | 2.5792 |
| 1124 | 44.8 | 46.1 | 0.5744 | 1.2416 | -0.0765 | 1.7395 | 0.914  | 1.5657 | 0.1002 | 2.5799 |
| 1125 | 44.3 | 46.3 | 0.5732 | 1.2401 | -0.0769 | 1.7365 | 0.9106 | 1.5697 | 0.099  | 2.5793 |
| 1126 | 45.9 | 46.5 | 0.5719 | 1.2387 | -0.0771 | 1.7336 | 0.9032 | 1.5745 | 0.103  | 2.5807 |
| 1127 | 45.3 | 46.7 | 0.5708 | 1.238  | -0.0771 | 1.7317 | 0.9036 | 1.5717 | 0.1067 | 2.582  |
| 1128 | 47.1 | 46.8 | 0.5709 | 1.2374 | -0.0772 | 1.7311 | 0.896  | 1.5688 | 0.1042 | 2.569  |
| 1129 | 47.2 | 47   | 0.5704 | 1.2362 | -0.0773 | 1.7293 | 0.8833 | 1.5759 | 0.1036 | 2.5628 |
| 1130 | 48.4 | 47.2 | 0.5704 | 1.2345 | -0.0772 | 1.7277 | 0.8825 | 1.5528 | 0.095  | 2.5302 |
| 1131 | 48.9 | 47.4 | 0.5698 | 1.2333 | -0.0771 | 1.7259 | 0.8756 | 1.5501 | 0.0935 | 2.5192 |
| 1132 | 49.1 | 47.6 | 0.5693 | 1.2318 | -0.0776 | 1.7235 | 0.8656 | 1.5508 | 0.0934 | 2.5098 |
| 1133 | 46.1 | 47.7 | 0.5681 | 1.2293 | -0.0775 | 1.7199 | 0.8609 | 1.5587 | 0.0949 | 2.5146 |
| 1134 | 46.8 | 48   | 0.5662 | 1.2277 | -0.0773 | 1.7166 | 0.8561 | 1.5602 | 0.0893 | 2.5056 |
| 1135 | 47   | 48.3 | 0.5648 | 1.2262 | -0.0773 | 1.7136 | 0.8506 | 1.5535 | 0.0909 | 2.4949 |
| 1136 | 48.4 | 48.5 | 0.5633 | 1.2248 | -0.0777 | 1.7104 | 0.8441 | 1.5477 | 0.0912 | 2.483  |
| 1137 | 49   | 48.7 | 0.5617 | 1.2242 | -0.0781 | 1.7077 | 0.8442 | 1.5391 | 0.0956 | 2.4788 |
| 1138 | 48.5 | 48.9 | 0.5603 | 1.2228 | -0.0784 | 1.7048 | 0.8314 | 1.5347 | 0.0959 | 2.4619 |



|      |      |      |        |        |         |        |        |        |        |        |
|------|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 1139 | 51.1 | 49   | 0.5593 | 1.221  | -0.0786 | 1.7017 | 0.8374 | 1.5276 | 0.0905 | 2.4555 |
| 1140 | 49.2 | 49   | 0.5588 | 1.2197 | -0.0787 | 1.6998 | 0.8438 | 1.5191 | 0.0849 | 2.4478 |
| 1141 | 50.3 | 48.9 | 0.5585 | 1.2175 | -0.0789 | 1.6971 | 0.8488 | 1.5167 | 0.0895 | 2.4549 |
| 1142 | 49   | 48.8 | 0.5586 | 1.2154 | -0.079  | 1.695  | 0.8522 | 1.5165 | 0.0891 | 2.4578 |
| 1143 | 50.4 | 48.9 | 0.5577 | 1.2153 | -0.0789 | 1.694  | 0.8569 | 1.5203 | 0.0909 | 2.4682 |
| 1144 | 49.3 | 49.1 | 0.5564 | 1.2143 | -0.0791 | 1.6916 | 0.8581 | 1.5223 | 0.0986 | 2.479  |
| 1145 | 51   | 49.1 | 0.5558 | 1.2118 | -0.0793 | 1.6882 | 0.8462 | 1.525  | 0.0973 | 2.4685 |
| 1146 | 48.9 | 49.2 | 0.5547 | 1.2112 | -0.0796 | 1.6863 | 0.8506 | 1.5249 | 0.1    | 2.4756 |
| 1147 | 49.9 | 49.2 | 0.5525 | 1.21   | -0.0799 | 1.6826 | 0.8533 | 1.5339 | 0.1    | 2.4871 |
| 1148 | 49.4 | 49.2 | 0.5508 | 1.2083 | -0.0801 | 1.679  | 0.8727 | 1.5191 | 0.0984 | 2.4902 |
| 1149 | 47.9 | 49   | 0.5497 | 1.2068 | -0.0801 | 1.6763 | 0.8776 | 1.5137 | 0.0972 | 2.4886 |
| 1150 | 47.5 | 49.1 | 0.5489 | 1.2046 | -0.0803 | 1.6732 | 0.8698 | 1.5069 | 0.0919 | 2.4687 |
| 1151 | 47   | 49.2 | 0.5472 | 1.2029 | -0.0804 | 1.6697 | 0.8554 | 1.5078 | 0.0906 | 2.4539 |
| 1152 | 48.5 | 49.2 | 0.5459 | 1.2014 | -0.0803 | 1.667  | 0.8457 | 1.511  | 0.088  | 2.4448 |
| 1153 | 49.8 | 49.1 | 0.5449 | 1.199  | -0.0807 | 1.6632 | 0.8393 | 1.5228 | 0.0868 | 2.4489 |
| 1154 | 47.2 | 49.2 | 0.5439 | 1.198  | -0.0804 | 1.6614 | 0.844  | 1.5297 | 0.0888 | 2.4626 |
| 1155 | 50.8 | 49   | 0.5443 | 1.1957 | -0.0809 | 1.6591 | 0.8613 | 1.5143 | 0.0873 | 2.463  |
| 1156 | 49.9 | 49   | 0.5431 | 1.1932 | -0.0813 | 1.655  | 0.8866 | 1.5075 | 0.0928 | 2.4869 |
| 1157 | 47.4 | 48.8 | 0.5432 | 1.1902 | -0.0813 | 1.6521 | 0.9028 | 1.5088 | 0.104  | 2.5156 |
| 1158 | 47.7 | 48.5 | 0.5427 | 1.1899 | -0.0815 | 1.6511 | 0.8935 | 1.5067 | 0.104  | 2.5042 |
| 1159 | 51.5 | 48.4 | 0.5417 | 1.1892 | -0.0819 | 1.6489 | 0.8974 | 1.5082 | 0.1044 | 2.51   |
| 1160 | 50.8 | 48.4 | 0.5403 | 1.1866 | -0.082  | 1.6449 | 0.9044 | 1.5111 | 0.1063 | 2.5218 |
| 1161 | 49.2 | 48.4 | 0.5402 | 1.1841 | -0.082  | 1.6422 | 0.9096 | 1.5322 | 0.1073 | 2.5492 |
| 1162 | 49.7 | 48.2 | 0.539  | 1.1819 | -0.0822 | 1.6388 | 0.9139 | 1.5465 | 0.108  | 2.5684 |
| 1163 | 49.9 | 47.8 | 0.5366 | 1.1801 | -0.0823 | 1.6344 | 0.9158 | 1.5585 | 0.107  | 2.5813 |
| 1164 | 48.7 | 47.7 | 0.5341 | 1.1794 | -0.0828 | 1.6308 | 0.9096 | 1.5529 | 0.1042 | 2.5667 |
| 1165 | 47.3 | 47.3 | 0.5329 | 1.1767 | -0.083  | 1.6267 | 0.9121 | 1.5357 | 0.1009 | 2.5488 |
| 1166 | 46.4 | 47.1 | 0.5309 | 1.1753 | -0.083  | 1.6232 | 0.9125 | 1.5391 | 0.0992 | 2.5507 |
| 1167 | 45   | 46.9 | 0.5295 | 1.1716 | -0.0832 | 1.618  | 0.9163 | 1.5307 | 0.1016 | 2.5486 |
| 1168 | 46   | 46.6 | 0.5267 | 1.1714 | -0.0832 | 1.6149 | 0.9331 | 1.5337 | 0.1058 | 2.5726 |
| 1169 | 46.7 | 46.3 | 0.5248 | 1.17   | -0.0832 | 1.6116 | 0.9363 | 1.5402 | 0.1092 | 2.5857 |
| 1170 | 48   | 45.9 | 0.5248 | 1.1669 | -0.0832 | 1.6086 | 0.9513 | 1.5507 | 0.12   | 2.622  |
| 1171 | 43.8 | 45.7 | 0.5258 | 1.1642 | -0.0831 | 1.6069 | 0.9551 | 1.5449 | 0.1189 | 2.6189 |
| 1172 | 43.3 | 45.3 | 0.5245 | 1.1628 | -0.0827 | 1.6047 | 0.9616 | 1.5358 | 0.1153 | 2.6128 |
| 1173 | 43.5 | 45.1 | 0.5231 | 1.1625 | -0.0824 | 1.6032 | 0.9504 | 1.5394 | 0.1201 | 2.61   |
| 1174 | 44.7 | 44.9 | 0.5233 | 1.1601 | -0.0826 | 1.6007 | 0.9367 | 1.5417 | 0.1178 | 2.5962 |
| 1175 | 44.6 | 44.8 | 0.5235 | 1.1579 | -0.0829 | 1.5985 | 0.9289 | 1.5452 | 0.1108 | 2.5848 |

|      |      |      |        |        |         |        |        |        |        |        |
|------|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 1176 | 44   | 44.8 | 0.5226 | 1.1563 | -0.083  | 1.5959 | 0.9242 | 1.5328 | 0.1006 | 2.5576 |
| 1177 | 42.1 | 44.9 | 0.5213 | 1.1545 | -0.0828 | 1.593  | 0.9047 | 1.5291 | 0.0938 | 2.5276 |
| 1178 | 47.1 | 44.8 | 0.5211 | 1.1524 | -0.0827 | 1.5908 | 0.8867 | 1.5377 | 0.0914 | 2.5158 |
| 1179 | 42.7 | 44.8 | 0.5209 | 1.1527 | -0.0821 | 1.5914 | 0.8899 | 1.5332 | 0.0895 | 2.5125 |
| 1180 | 44.8 | 44.7 | 0.5203 | 1.1517 | -0.0823 | 1.5897 | 0.8939 | 1.5286 | 0.091  | 2.5135 |
| 1181 | 42.8 | 45   | 0.5201 | 1.15   | -0.0824 | 1.5876 | 0.9    | 1.5238 | 0.0914 | 2.5152 |
| 1182 | 46.5 | 45.2 | 0.5199 | 1.1484 | -0.0827 | 1.5855 | 0.9018 | 1.522  | 0.0915 | 2.5153 |
| 1183 | 44.3 | 45.4 | 0.5192 | 1.1471 | -0.0826 | 1.5838 | 0.9038 | 1.5202 | 0.088  | 2.512  |
| 1184 | 45.6 | 45.7 | 0.5179 | 1.1467 | -0.0827 | 1.5819 | 0.907  | 1.5096 | 0.0916 | 2.5082 |
| 1185 | 46.5 | 45.8 | 0.5165 | 1.1457 | -0.0828 | 1.5794 | 0.9078 | 1.5018 | 0.0922 | 2.5018 |
| 1186 | 45.2 | 46.1 | 0.515  | 1.1444 | -0.0833 | 1.5762 | 0.911  | 1.485  | 0.0936 | 2.4896 |
| 1187 | 45.2 | 46.5 | 0.5145 | 1.1433 | -0.0834 | 1.5743 | 0.9137 | 1.4877 | 0.0937 | 2.4951 |
| 1188 | 45.9 | 46.6 | 0.513  | 1.1429 | -0.0833 | 1.5725 | 0.8994 | 1.5033 | 0.0909 | 2.4935 |
| 1189 | 46.3 | 46.9 | 0.5119 | 1.142  | -0.0831 | 1.5708 | 0.8907 | 1.5108 | 0.0899 | 2.4915 |
| 1190 | 49.2 | 46.9 | 0.5112 | 1.1413 | -0.0837 | 1.5688 | 0.8813 | 1.5099 | 0.089  | 2.4802 |
| 1191 | 47.4 | 47.1 | 0.5105 | 1.1398 | -0.0839 | 1.5664 | 0.8755 | 1.5084 | 0.0886 | 2.4725 |
| 1192 | 47.5 | 47.1 | 0.5099 | 1.1374 | -0.0842 | 1.5632 | 0.875  | 1.4983 | 0.0901 | 2.4633 |
| 1193 | 49.6 | 47.3 | 0.5098 | 1.1352 | -0.0846 | 1.5604 | 0.8807 | 1.4873 | 0.0885 | 2.4565 |
| 1194 | 47.5 | 47.3 | 0.5096 | 1.1327 | -0.0845 | 1.5578 | 0.8778 | 1.5079 | 0.0898 | 2.4755 |
| 1195 | 49.5 | 47.3 | 0.509  | 1.1307 | -0.0847 | 1.5549 | 0.8942 | 1.5054 | 0.0848 | 2.4845 |
| 1196 | 49.3 | 47.3 | 0.508  | 1.1288 | -0.0848 | 1.5521 | 0.9148 | 1.4866 | 0.0837 | 2.4851 |
| 1197 | 48.7 | 47.2 | 0.5052 | 1.1278 | -0.0849 | 1.548  | 0.9046 | 1.5    | 0.0834 | 2.4879 |
| 1198 | 48.7 | 47.1 | 0.5028 | 1.1268 | -0.085  | 1.5445 | 0.8762 | 1.5191 | 0.0822 | 2.4776 |
| 1199 | 46.2 | 47   | 0.5011 | 1.1259 | -0.085  | 1.542  | 0.8395 | 1.5375 | 0.0798 | 2.4568 |
| 1200 | 45.2 | 46.7 | 0.5008 | 1.1248 | -0.085  | 1.5407 | 0.8394 | 1.5404 | 0.0789 | 2.4587 |
| 1201 | 48   | 46.6 | 0.5003 | 1.1235 | -0.0852 | 1.5386 | 0.849  | 1.5384 | 0.0786 | 2.4659 |
| 1202 | 47.1 | 46.4 | 0.4993 | 1.1216 | -0.0854 | 1.5355 | 0.85   | 1.5467 | 0.0765 | 2.4732 |
| 1203 | 46.6 | 46.2 | 0.4981 | 1.1188 | -0.0857 | 1.5312 | 0.8571 | 1.5406 | 0.0758 | 2.4735 |
| 1204 | 45.7 | 46   | 0.4955 | 1.1186 | -0.0857 | 1.5284 | 0.8664 | 1.5241 | 0.0737 | 2.4643 |
| 1205 | 45.2 | 45.8 | 0.4927 | 1.1181 | -0.086  | 1.5249 | 0.876  | 1.5241 | 0.0792 | 2.4793 |
| 1206 | 43.6 | 45.6 | 0.4911 | 1.1163 | -0.0866 | 1.5208 | 0.8924 | 1.518  | 0.0766 | 2.487  |
| 1207 | 43.1 | 45.3 | 0.4912 | 1.1136 | -0.0865 | 1.5183 | 0.8995 | 1.5012 | 0.0748 | 2.4756 |
| 1208 | 44.2 | 45   | 0.4905 | 1.1113 | -0.0866 | 1.5152 | 0.9119 | 1.4764 | 0.0787 | 2.467  |
| 1209 | 44.1 | 44.9 | 0.4891 | 1.1081 | -0.0867 | 1.5105 | 0.896  | 1.4952 | 0.0756 | 2.4669 |
| 1210 | 45.9 | 45   | 0.4886 | 1.1059 | -0.0868 | 1.5077 | 0.893  | 1.5039 | 0.0706 | 2.4675 |
| 1211 | 44.3 | 44.7 | 0.4886 | 1.1035 | -0.0867 | 1.5054 | 0.8828 | 1.4944 | 0.0703 | 2.4475 |
| 1212 | 45.5 | 44.5 | 0.4886 | 1.1008 | -0.0866 | 1.5028 | 0.8862 | 1.489  | 0.0738 | 2.4489 |

|      |      |      |        |        |         |        |        |        |        |        |
|------|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 1213 | 44.1 | 44.2 | 0.4889 | 1.0994 | -0.0865 | 1.5018 | 0.8826 | 1.4883 | 0.0754 | 2.4463 |
| 1214 | 44.9 | 44.1 | 0.4883 | 1.0989 | -0.0861 | 1.5012 | 0.8613 | 1.4871 | 0.0758 | 2.4242 |
| 1215 | 45.2 | 44.1 | 0.4883 | 1.0971 | -0.086  | 1.4994 | 0.8537 | 1.4886 | 0.0742 | 2.4165 |
| 1216 | 43.7 | 44.2 | 0.488  | 1.0969 | -0.0863 | 1.4986 | 0.8689 | 1.4649 | 0.0762 | 2.41   |
| 1217 | 42.9 | 44.3 | 0.4868 | 1.096  | -0.0866 | 1.4961 | 0.8693 | 1.4583 | 0.0742 | 2.4018 |
| 1218 | 43.4 | 44.3 | 0.4857 | 1.0941 | -0.0868 | 1.4929 | 0.8711 | 1.4282 | 0.0695 | 2.3689 |
| 1219 | 46.8 | 44.3 | 0.4834 | 1.092  | -0.0873 | 1.4881 | 0.8472 | 1.4427 | 0.0698 | 2.3597 |
| 1220 | 43.4 | 44.1 | 0.4823 | 1.0914 | -0.0873 | 1.4863 | 0.8471 | 1.4439 | 0.0709 | 2.362  |
| 1221 | 42.1 | 44   | 0.4812 | 1.0906 | -0.0873 | 1.4845 | 0.8624 | 1.4283 | 0.068  | 2.3587 |
| 1222 | 42   | 43.9 | 0.4807 | 1.09   | -0.0879 | 1.4828 | 0.8956 | 1.4135 | 0.071  | 2.3801 |
| 1223 | 44.3 | 43.8 | 0.4811 | 1.0887 | -0.0878 | 1.4821 | 0.8916 | 1.4068 | 0.0776 | 2.376  |
| 1224 | 44.5 | 43.9 | 0.4815 | 1.0871 | -0.0876 | 1.481  | 0.8821 | 1.421  | 0.0858 | 2.3889 |
| 1225 | 45.4 | 43.8 | 0.4808 | 1.0869 | -0.0869 | 1.4807 | 0.8964 | 1.4118 | 0.087  | 2.3952 |
| 1226 | 44.6 | 43.8 | 0.4815 | 1.0858 | -0.0864 | 1.4808 | 0.903  | 1.4119 | 0.0868 | 2.4017 |
| 1227 | 44.2 | 43.9 | 0.4822 | 1.0842 | -0.0862 | 1.4802 | 0.8924 | 1.4171 | 0.0834 | 2.3928 |
| 1228 | 43.7 | 43.9 | 0.4819 | 1.0841 | -0.0861 | 1.4798 | 0.8834 | 1.415  | 0.0829 | 2.3812 |
| 1229 | 42.4 | 43.6 | 0.481  | 1.0833 | -0.0864 | 1.478  | 0.8865 | 1.4038 | 0.0847 | 2.375  |
| 1230 | 43.4 | 43.6 | 0.4804 | 1.0821 | -0.0863 | 1.4762 | 0.8847 | 1.422  | 0.0906 | 2.3972 |
| 1231 | 43.7 | 43.7 | 0.4796 | 1.0811 | -0.0863 | 1.4744 | 0.8755 | 1.4224 | 0.089  | 2.3869 |
| 1232 | 42.6 | 43.9 | 0.4789 | 1.0798 | -0.0864 | 1.4723 | 0.8791 | 1.4112 | 0.0877 | 2.3781 |
| 1233 | 45.5 | 43.8 | 0.4774 | 1.0783 | -0.0867 | 1.4691 | 0.8892 | 1.4113 | 0.0852 | 2.3856 |
| 1234 | 44.2 | 44   | 0.4754 | 1.0775 | -0.0865 | 1.4664 | 0.8847 | 1.4255 | 0.0847 | 2.3948 |
| 1235 | 42.9 | 43.9 | 0.4737 | 1.0777 | -0.0867 | 1.4647 | 0.8944 | 1.4233 | 0.0831 | 2.4007 |
| 1236 | 44.1 | 43.9 | 0.4719 | 1.076  | -0.0871 | 1.4609 | 0.8857 | 1.4336 | 0.0824 | 2.4017 |
| 1237 | 43.3 | 43.8 | 0.4717 | 1.0738 | -0.0872 | 1.4584 | 0.8844 | 1.4375 | 0.0759 | 2.3977 |
| 1238 | 43   | 43.8 | 0.4713 | 1.0717 | -0.0874 | 1.4556 | 0.884  | 1.437  | 0.073  | 2.394  |
| 1239 | 43.2 | 44   | 0.4712 | 1.07   | -0.0875 | 1.4537 | 0.8737 | 1.4408 | 0.0747 | 2.3891 |
| 1240 | 43.2 | 44.1 | 0.4712 | 1.0689 | -0.0876 | 1.4525 | 0.8727 | 1.44   | 0.0775 | 2.3902 |
| 1241 | 44.9 | 44.1 | 0.471  | 1.0676 | -0.0879 | 1.4508 | 0.8836 | 1.445  | 0.0731 | 2.4017 |
| 1242 | 44.1 | 44.2 | 0.4705 | 1.0667 | -0.0878 | 1.4493 | 0.9    | 1.446  | 0.0749 | 2.421  |
| 1243 | 46.6 | 44.1 | 0.4699 | 1.0645 | -0.0879 | 1.4465 | 0.9038 | 1.4361 | 0.0777 | 2.4177 |
| 1244 | 44.7 | 44   | 0.467  | 1.0637 | -0.0876 | 1.4431 | 0.9037 | 1.4336 | 0.0799 | 2.4173 |
| 1245 | 43.3 | 44.1 | 0.4643 | 1.0631 | -0.0877 | 1.4397 | 0.9064 | 1.4229 | 0.0835 | 2.4129 |
| 1246 | 42.5 | 44.1 | 0.4642 | 1.0612 | -0.0879 | 1.4375 | 0.9114 | 1.4191 | 0.0839 | 2.4144 |
| 1247 | 45.2 | 44.2 | 0.4649 | 1.0581 | -0.0881 | 1.4349 | 0.8954 | 1.425  | 0.0854 | 2.4058 |
| 1248 | 45.9 | 44.2 | 0.4669 | 1.0545 | -0.0881 | 1.4333 | 0.8592 | 1.4355 | 0.0841 | 2.3789 |
| 1249 | 45.1 | 44.3 | 0.4658 | 1.0527 | -0.088  | 1.4305 | 0.8487 | 1.4392 | 0.0861 | 2.374  |

|      |      |      |        |        |         |        |        |        |        |        |
|------|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 1250 | 44   | 44.2 | 0.464  | 1.0508 | -0.0881 | 1.4266 | 0.8368 | 1.4507 | 0.0836 | 2.3711 |
| 1251 | 44.8 | 44.1 | 0.4622 | 1.0482 | -0.088  | 1.4224 | 0.8387 | 1.4598 | 0.0797 | 2.3782 |
| 1252 | 42.9 | 44   | 0.4602 | 1.0473 | -0.0879 | 1.4197 | 0.8528 | 1.4592 | 0.0768 | 2.3888 |
| 1253 | 42.8 | 43.9 | 0.4583 | 1.0466 | -0.0881 | 1.4168 | 0.8554 | 1.4627 | 0.0772 | 2.3953 |
| 1254 | 43.4 | 43.8 | 0.4563 | 1.0455 | -0.0884 | 1.4135 | 0.8643 | 1.4536 | 0.0766 | 2.3945 |
| 1255 | 44.6 | 43.8 | 0.455  | 1.0439 | -0.0886 | 1.4104 | 0.8556 | 1.4679 | 0.0757 | 2.3992 |
| 1256 | 45   | 43.8 | 0.4532 | 1.0431 | -0.0888 | 1.4074 | 0.8394 | 1.4796 | 0.0706 | 2.3896 |
| 1257 | 44.1 | 43.7 | 0.452  | 1.0426 | -0.0892 | 1.4054 | 0.8276 | 1.4742 | 0.0617 | 2.3636 |
| 1258 | 45.2 | 43.6 | 0.4531 | 1.0404 | -0.0891 | 1.4044 | 0.8327 | 1.4538 | 0.0568 | 2.3433 |
| 1259 | 41.5 | 43.5 | 0.4524 | 1.0388 | -0.089  | 1.4022 | 0.8479 | 1.4383 | 0.055  | 2.3412 |
| 1260 | 42   | 43.4 | 0.452  | 1.0372 | -0.089  | 1.4002 | 0.8499 | 1.426  | 0.0554 | 2.3313 |
| 1261 | 43.2 | 43.5 | 0.4515 | 1.0352 | -0.0894 | 1.3973 | 0.8478 | 1.4248 | 0.0562 | 2.3288 |
| 1262 | 43.2 | 43.8 | 0.4508 | 1.0331 | -0.0897 | 1.3941 | 0.8527 | 1.4146 | 0.0563 | 2.3236 |
| 1263 | 42.8 | 43.7 | 0.4505 | 1.0314 | -0.0898 | 1.392  | 0.865  | 1.4112 | 0.0643 | 2.3404 |
| 1264 | 44   | 43.9 | 0.4488 | 1.0306 | -0.0902 | 1.3891 | 0.8838 | 1.4093 | 0.0727 | 2.3659 |
| 1265 | 43.4 | 44   | 0.4461 | 1.0302 | -0.0906 | 1.3857 | 0.8985 | 1.4213 | 0.0803 | 2.4002 |
| 1266 | 42.3 | 43.9 | 0.444  | 1.0295 | -0.0904 | 1.383  | 0.9199 | 1.4314 | 0.0815 | 2.4328 |
| 1267 | 44.5 | 43.9 | 0.4424 | 1.0288 | -0.0901 | 1.3811 | 0.9396 | 1.4586 | 0.0713 | 2.4694 |
| 1268 | 43.2 | 43.8 | 0.442  | 1.0271 | -0.0902 | 1.3789 | 0.9323 | 1.4715 | 0.0661 | 2.4699 |
| 1269 | 42.5 | 44   | 0.4401 | 1.0256 | -0.0903 | 1.3754 | 0.9282 | 1.4682 | 0.0681 | 2.4645 |
| 1270 | 45.8 | 44.1 | 0.4386 | 1.0241 | -0.09   | 1.3727 | 0.9202 | 1.4628 | 0.0623 | 2.4452 |
| 1271 | 48.2 | 44.2 | 0.4362 | 1.0229 | -0.0902 | 1.3689 | 0.9181 | 1.4785 | 0.0571 | 2.4536 |
| 1272 | 42.4 | 44.5 | 0.4354 | 1.0222 | -0.0905 | 1.3671 | 0.9243 | 1.4783 | 0.0552 | 2.4577 |
| 1273 | 45.5 | 44.7 | 0.4349 | 1.0204 | -0.091  | 1.3643 | 0.9367 | 1.4707 | 0.0472 | 2.4545 |
| 1274 | 46.9 | 44.9 | 0.4336 | 1.0189 | -0.0913 | 1.3612 | 0.9515 | 1.4625 | 0.0471 | 2.4611 |
| 1275 | 44.1 | 44.9 | 0.4332 | 1.0167 | -0.0915 | 1.3584 | 0.9748 | 1.4491 | 0.05   | 2.4739 |
| 1276 | 43.1 | 45.1 | 0.4334 | 1.0146 | -0.0913 | 1.3567 | 0.9839 | 1.464  | 0.0551 | 2.5029 |
| 1277 | 43.3 | 45.1 | 0.4329 | 1.013  | -0.0911 | 1.3549 | 0.9949 | 1.4723 | 0.0586 | 2.5257 |
| 1278 | 45.6 | 45.3 | 0.4324 | 1.012  | -0.0912 | 1.3533 | 1.0086 | 1.469  | 0.0606 | 2.5382 |
| 1279 | 44.2 | 45.5 | 0.4324 | 1.0105 | -0.0912 | 1.3517 | 1.0112 | 1.4787 | 0.0632 | 2.553  |
| 1280 | 45.7 | 45.5 | 0.4327 | 1.0094 | -0.0912 | 1.351  | 1.0038 | 1.4839 | 0.0615 | 2.5492 |
| 1281 | 48.5 | 45.4 | 0.4322 | 1.0088 | -0.0912 | 1.3498 | 1.0122 | 1.4926 | 0.0636 | 2.5684 |
| 1282 | 46.6 | 45.5 | 0.4309 | 1.0072 | -0.0912 | 1.347  | 1.0208 | 1.4967 | 0.0642 | 2.5818 |
| 1283 | 46.5 | 45.6 | 0.4308 | 1.0046 | -0.0911 | 1.3443 | 1.022  | 1.4936 | 0.0613 | 2.5769 |
| 1284 | 45   | 45.6 | 0.4285 | 1.0044 | -0.091  | 1.3418 | 1.0168 | 1.4951 | 0.0582 | 2.5701 |
| 1285 | 44.4 | 45.7 | 0.4279 | 1.0024 | -0.0911 | 1.3392 | 1.0016 | 1.5012 | 0.0619 | 2.5646 |
| 1286 | 45.7 | 45.8 | 0.4266 | 1.0007 | -0.0908 | 1.3364 | 1.0067 | 1.5111 | 0.0642 | 2.582  |

|      |      |      |        |        |         |        |        |        |        |        |
|------|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 1287 | 46.8 | 45.9 | 0.4261 | 0.9996 | -0.0907 | 1.3349 | 1.0084 | 1.512  | 0.0638 | 2.5843 |
| 1288 | 46.3 | 45.9 | 0.4256 | 0.9988 | -0.0908 | 1.3336 | 1.0197 | 1.4985 | 0.0666 | 2.5848 |
| 1289 | 46.4 | 46   | 0.4246 | 0.998  | -0.0909 | 1.3318 | 1.0336 | 1.5021 | 0.0713 | 2.607  |
| 1290 | 45.1 | 46   | 0.4229 | 0.9968 | -0.091  | 1.3286 | 1.0633 | 1.5095 | 0.0725 | 2.6454 |
| 1291 | 45.6 | 45.9 | 0.4205 | 0.9952 | -0.0914 | 1.3243 | 1.0826 | 1.5199 | 0.071  | 2.6735 |
| 1292 | 47.2 | 46   | 0.4195 | 0.9938 | -0.092  | 1.3214 | 1.098  | 1.5222 | 0.0624 | 2.6826 |
| 1293 | 46.7 | 46.1 | 0.4194 | 0.9919 | -0.0926 | 1.3187 | 1.1136 | 1.5224 | 0.0602 | 2.6962 |
| 1294 | 46   | 46.4 | 0.419  | 0.9904 | -0.0929 | 1.3165 | 1.13   | 1.518  | 0.0608 | 2.7087 |
| 1295 | 45.3 | 46.6 | 0.4178 | 0.9888 | -0.0931 | 1.3135 | 1.1118 | 1.5185 | 0.0647 | 2.695  |
| 1296 | 44.6 | 46.7 | 0.4184 | 0.9863 | -0.0933 | 1.3115 | 1.1039 | 1.5201 | 0.069  | 2.693  |
| 1297 | 45.8 | 46.8 | 0.4192 | 0.9842 | -0.0934 | 1.3101 | 1.1257 | 1.5128 | 0.0696 | 2.7081 |
| 1298 | 45.7 | 46.9 | 0.4179 | 0.9828 | -0.0937 | 1.3071 | 1.1471 | 1.5035 | 0.067  | 2.7177 |
| 1299 | 45.7 | 46.9 | 0.4174 | 0.9808 | -0.0934 | 1.3049 | 1.1892 | 1.473  | 0.0686 | 2.7308 |
| 1300 | 47.1 | 47   | 0.417  | 0.9789 | -0.0929 | 1.3029 | 1.1998 | 1.4684 | 0.0725 | 2.7406 |
| 1301 | 47.5 | 47.2 | 0.4151 | 0.9776 | -0.0929 | 1.2997 | 1.2009 | 1.4699 | 0.0708 | 2.7416 |
| 1302 | 48.6 | 47.2 | 0.4137 | 0.9754 | -0.0931 | 1.296  | 1.1995 | 1.4615 | 0.0735 | 2.7344 |
| 1303 | 50.4 | 47.3 | 0.4116 | 0.9735 | -0.0933 | 1.2918 | 1.1904 | 1.4697 | 0.0789 | 2.739  |
| 1304 | 49.4 | 47.6 | 0.4099 | 0.9718 | -0.0933 | 1.2885 | 1.1779 | 1.4782 | 0.0786 | 2.7346 |
| 1305 | 48.1 | 47.8 | 0.4088 | 0.9702 | -0.0931 | 1.2859 | 1.1599 | 1.4852 | 0.0734 | 2.7185 |
| 1306 | 47.8 | 48.1 | 0.4083 | 0.9688 | -0.0928 | 1.2844 | 1.1551 | 1.4829 | 0.0697 | 2.7076 |
| 1307 | 48.5 | 48.4 | 0.408  | 0.9682 | -0.0922 | 1.2839 | 1.1411 | 1.4887 | 0.0686 | 2.6983 |
| 1308 | 46.4 | 48.7 | 0.4057 | 0.9675 | -0.0921 | 1.2811 | 1.1446 | 1.4929 | 0.0643 | 2.7018 |
| 1309 | 47.3 | 49   | 0.4041 | 0.9655 | -0.0922 | 1.2774 | 1.1692 | 1.4784 | 0.0633 | 2.7109 |
| 1310 | 48.3 | 49.2 | 0.4039 | 0.9634 | -0.0924 | 1.2749 | 1.176  | 1.4758 | 0.0641 | 2.7159 |
| 1311 | 47.3 | 49.5 | 0.4033 | 0.9621 | -0.0923 | 1.273  | 1.1802 | 1.4696 | 0.065  | 2.7147 |
| 1312 | 49.3 | 49.8 | 0.4021 | 0.9597 | -0.0931 | 1.2688 | 1.1858 | 1.4648 | 0.0579 | 2.7084 |
| 1313 | 50.3 | 49.8 | 0.4005 | 0.9584 | -0.0937 | 1.2652 | 1.1937 | 1.4683 | 0.0558 | 2.7178 |
| 1314 | 49.9 | 50   | 0.3985 | 0.9568 | -0.0942 | 1.2612 | 1.2069 | 1.4654 | 0.0565 | 2.7288 |
| 1315 | 50.8 | 50.3 | 0.3963 | 0.9539 | -0.0942 | 1.2561 | 1.2035 | 1.4741 | 0.0554 | 2.7331 |
| 1316 | 50.4 | 50.6 | 0.394  | 0.951  | -0.0934 | 1.2516 | 1.1892 | 1.4805 | 0.0516 | 2.7213 |
| 1317 | 52.7 | 50.9 | 0.3935 | 0.9488 | -0.0932 | 1.2491 | 1.187  | 1.4792 | 0.0548 | 2.7211 |
| 1318 | 51.2 | 51.2 | 0.3928 | 0.9472 | -0.0936 | 1.2465 | 1.18   | 1.4842 | 0.0575 | 2.7218 |
| 1319 | 50.4 | 51.4 | 0.3914 | 0.9458 | -0.0935 | 1.2436 | 1.1844 | 1.4811 | 0.0591 | 2.7247 |
| 1320 | 53.4 | 51.7 | 0.3905 | 0.9435 | -0.093  | 1.2409 | 1.1687 | 1.4767 | 0.0613 | 2.7067 |
| 1321 | 54.5 | 52   | 0.3887 | 0.9428 | -0.0928 | 1.2387 | 1.1624 | 1.4816 | 0.0658 | 2.7099 |
| 1322 | 50.4 | 52.2 | 0.3871 | 0.9429 | -0.0926 | 1.2373 | 1.1493 | 1.479  | 0.0693 | 2.6977 |
| 1323 | 52.5 | 52.4 | 0.386  | 0.9425 | -0.0925 | 1.236  | 1.1554 | 1.4953 | 0.0681 | 2.7187 |

|      |      |      |        |        |         |        |        |        |        |        |
|------|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 1324 | 53.9 | 52.8 | 0.384  | 0.9422 | -0.0926 | 1.2337 | 1.1731 | 1.4983 | 0.0663 | 2.7377 |
| 1325 | 54.8 | 53.1 | 0.3824 | 0.9405 | -0.0924 | 1.2304 | 1.1688 | 1.4972 | 0.0651 | 2.731  |
| 1326 | 54.3 | 53.3 | 0.382  | 0.9385 | -0.0923 | 1.2282 | 1.1775 | 1.492  | 0.0636 | 2.733  |
| 1327 | 50.5 | 53.3 | 0.3813 | 0.9373 | -0.0923 | 1.2263 | 1.1849 | 1.4793 | 0.0668 | 2.7311 |
| 1328 | 51.6 | 53.7 | 0.3807 | 0.9362 | -0.0925 | 1.2245 | 1.1944 | 1.475  | 0.0714 | 2.7408 |
| 1329 | 53.8 | 54   | 0.3807 | 0.9349 | -0.0925 | 1.223  | 1.2157 | 1.4776 | 0.0708 | 2.7641 |
| 1330 | 52.5 | 54.1 | 0.3792 | 0.9328 | -0.0927 | 1.2193 | 1.236  | 1.4824 | 0.0747 | 2.7932 |
| 1331 | 54.1 | 54.1 | 0.3775 | 0.9314 | -0.0927 | 1.2162 | 1.2526 | 1.4932 | 0.078  | 2.8238 |
| 1332 | 53.5 | 54.4 | 0.3767 | 0.9304 | -0.0925 | 1.2146 | 1.2605 | 1.5047 | 0.078  | 2.8431 |
| 1333 | 57.4 | 54.4 | 0.3758 | 0.9288 | -0.0925 | 1.2121 | 1.2562 | 1.5098 | 0.0788 | 2.8449 |
| 1334 | 57   | 54.4 | 0.3753 | 0.9274 | -0.0927 | 1.21   | 1.2583 | 1.5025 | 0.0818 | 2.8426 |
| 1335 | 53.9 | 54.6 | 0.373  | 0.9265 | -0.0931 | 1.2065 | 1.2447 | 1.5082 | 0.082  | 2.8349 |
| 1336 | 53.8 | 54.7 | 0.3711 | 0.9248 | -0.0934 | 1.2025 | 1.2452 | 1.5007 | 0.0804 | 2.8263 |
| 1337 | 57.1 | 54.8 | 0.3698 | 0.924  | -0.0939 | 1.1999 | 1.2495 | 1.4959 | 0.0856 | 2.831  |
| 1338 | 56.5 | 55.3 | 0.3679 | 0.9215 | -0.0945 | 1.1949 | 1.2467 | 1.5027 | 0.0862 | 2.8356 |
| 1339 | 55.6 | 55.6 | 0.3648 | 0.9191 | -0.0948 | 1.1891 | 1.2643 | 1.5082 | 0.0841 | 2.8566 |
| 1340 | 54.6 | 55.6 | 0.363  | 0.9169 | -0.0947 | 1.1852 | 1.2657 | 1.5105 | 0.0876 | 2.8638 |
| 1341 | 55.5 | 55.6 | 0.3612 | 0.9154 | -0.0941 | 1.1825 | 1.2549 | 1.514  | 0.088  | 2.8569 |
| 1342 | 53.1 | 55.6 | 0.3592 | 0.9144 | -0.0939 | 1.1797 | 1.2369 | 1.5124 | 0.0814 | 2.8307 |
| 1343 | 53.1 | 55.4 | 0.3569 | 0.9127 | -0.094  | 1.1756 | 1.2308 | 1.5096 | 0.0686 | 2.8091 |
| 1344 | 58.9 | 55.1 | 0.3558 | 0.9119 | -0.0941 | 1.1736 | 1.2345 | 1.5035 | 0.0573 | 2.7953 |
| 1345 | 56.2 | 55   | 0.3539 | 0.9111 | -0.0946 | 1.1704 | 1.2401 | 1.4974 | 0.0553 | 2.7928 |
| 1346 | 53.6 | 55   | 0.3517 | 0.9099 | -0.0949 | 1.1667 | 1.2542 | 1.4853 | 0.0556 | 2.7951 |
| 1347 | 61.1 | 54.9 | 0.3502 | 0.9077 | -0.0948 | 1.1631 | 1.2747 | 1.4724 | 0.0573 | 2.8043 |
| 1348 | 58.8 | 54.7 | 0.3479 | 0.9072 | -0.0949 | 1.1602 | 1.2989 | 1.4598 | 0.0584 | 2.8171 |
| 1349 | 52.5 | 54.6 | 0.3458 | 0.9059 | -0.0953 | 1.1564 | 1.3061 | 1.4692 | 0.0554 | 2.8308 |
| 1350 | 54.4 | 54.6 | 0.3439 | 0.9038 | -0.0952 | 1.1525 | 1.3192 | 1.455  | 0.0597 | 2.8339 |
| 1351 | 54.1 | 54.8 | 0.3423 | 0.902  | -0.0954 | 1.1489 | 1.3282 | 1.4496 | 0.0681 | 2.846  |
| 1352 | 52.6 | 54.9 | 0.3412 | 0.9004 | -0.0958 | 1.1458 | 1.3227 | 1.4573 | 0.0705 | 2.8504 |
| 1353 | 51.3 | 54.9 | 0.3405 | 0.8988 | -0.096  | 1.1434 | 1.3226 | 1.4468 | 0.0666 | 2.8359 |
| 1354 | 52.2 | 54.7 | 0.3403 | 0.897  | -0.0957 | 1.1416 | 1.3122 | 1.4415 | 0.0663 | 2.82   |
| 1355 | 54.7 | 54.7 | 0.3395 | 0.8956 | -0.0955 | 1.1396 | 1.3121 | 1.4357 | 0.0651 | 2.8128 |
| 1356 | 54.4 | 55   | 0.3391 | 0.8942 | -0.0956 | 1.1376 | 1.3145 | 1.4375 | 0.0619 | 2.8139 |
| 1357 | 53.3 | 54.7 | 0.3376 | 0.8933 | -0.0956 | 1.1353 | 1.3226 | 1.4393 | 0.0612 | 2.8231 |
| 1358 | 53.2 | 54.6 | 0.3361 | 0.8926 | -0.0954 | 1.1333 | 1.3387 | 1.4428 | 0.068  | 2.8495 |
| 1359 | 54.3 | 54.8 | 0.3347 | 0.8912 | -0.0954 | 1.1306 | 1.3307 | 1.4463 | 0.0735 | 2.8506 |
| 1360 | 59.1 | 54.9 | 0.334  | 0.8902 | -0.0955 | 1.1287 | 1.3314 | 1.437  | 0.0748 | 2.8432 |

|      |      |      |        |        |         |        |        |        |         |        |
|------|------|------|--------|--------|---------|--------|--------|--------|---------|--------|
| 1361 | 54.6 | 54.8 | 0.333  | 0.8887 | -0.0952 | 1.1265 | 1.3378 | 1.4266 | 0.0775  | 2.8419 |
| 1362 | 54.3 | 55   | 0.3314 | 0.8863 | -0.0953 | 1.1224 | 1.3432 | 1.436  | 0.0815  | 2.8607 |
| 1363 | 54.6 | 55   | 0.3298 | 0.8848 | -0.0955 | 1.1191 | 1.3321 | 1.4183 | 0.0783  | 2.8287 |
| 1364 | 56.6 | 55.3 | 0.3284 | 0.8832 | -0.0958 | 1.1158 | 1.318  | 1.4203 | 0.0727  | 2.811  |
| 1365 | 58.5 | 55.4 | 0.3271 | 0.8822 | -0.0958 | 1.1135 | 1.3011 | 1.4285 | 0.0716  | 2.8012 |
| 1366 | 55.4 | 55.5 | 0.3252 | 0.8815 | -0.0959 | 1.1109 | 1.2818 | 1.4202 | 0.0711  | 2.7731 |
| 1367 | 56.5 | 55.7 | 0.3244 | 0.8804 | -0.0959 | 1.1089 | 1.2628 | 1.4139 | 0.0748  | 2.7516 |
| 1368 | 57.7 | 55.8 | 0.3236 | 0.879  | -0.0961 | 1.1065 | 1.2625 | 1.4008 | 0.0772  | 2.7406 |
| 1369 | 56.1 | 55.7 | 0.3232 | 0.8779 | -0.0964 | 1.1047 | 1.2691 | 1.3998 | 0.0709  | 2.7397 |
| 1370 | 52.8 | 55.5 | 0.3224 | 0.8759 | -0.0966 | 1.1017 | 1.2711 | 1.3972 | 0.0701  | 2.7384 |
| 1371 | 54.7 | 55.5 | 0.3213 | 0.875  | -0.0971 | 1.0991 | 1.2744 | 1.3874 | 0.0745  | 2.7364 |
| 1372 | 52.6 | 55.5 | 0.3198 | 0.8726 | -0.0973 | 1.0952 | 1.2671 | 1.3904 | 0.0791  | 2.7365 |
| 1373 | 56.5 | 55.4 | 0.3176 | 0.8705 | -0.0976 | 1.0905 | 1.2543 | 1.4015 | 0.0821  | 2.7378 |
| 1374 | 57.7 | 55.2 | 0.3167 | 0.8692 | -0.0978 | 1.0881 | 1.26   | 1.4044 | 0.0814  | 2.7458 |
| 1375 | 56.3 | 54.7 | 0.3155 | 0.8675 | -0.0979 | 1.0851 | 1.2485 | 1.4157 | 0.0779  | 2.7421 |
| 1376 | 55.9 | 54.5 | 0.3149 | 0.8667 | -0.098  | 1.0836 | 1.249  | 1.4109 | 0.0853  | 2.7452 |
| 1377 | 55.9 | 54.5 | 0.3135 | 0.8655 | -0.0982 | 1.0808 | 1.2634 | 1.4026 | 0.0917  | 2.7577 |
| 1378 | 53.2 | 54.2 | 0.3109 | 0.8643 | -0.0982 | 1.0769 | 1.2638 | 1.4021 | 0.092   | 2.758  |
| 1379 | 53.9 | 54.1 | 0.3088 | 0.8622 | -0.0987 | 1.0724 | 1.2797 | 1.4063 | 0.0949  | 2.7809 |
| 1380 | 55.8 | 54   | 0.3075 | 0.8601 | -0.099  | 1.0686 | 1.2933 | 1.4004 | 0.0997  | 2.7934 |
| 1381 | 53.2 | 53.8 | 0.3061 | 0.8584 | -0.099  | 1.0655 | 1.2783 | 1.4012 | 0.0994  | 2.7789 |
| 1382 | 53.3 | 53.7 | 0.3053 | 0.8563 | -0.0991 | 1.0625 | 1.3244 | 1.3954 | 0.021   | 2.7408 |
| 1383 | 52.6 | 53.4 | 0.3049 | 0.8544 | -0.0993 | 1.06   | 1.5907 | 1.404  | -0.2906 | 2.7041 |
| 1384 | 49.8 | 53.1 | 0.304  | 0.8536 | -0.0992 | 1.0583 | 1.8177 | 1.4191 | -0.4805 | 2.7563 |
| 1385 | 51.3 | 52.9 | 0.3034 | 0.8523 | -0.0991 | 1.0566 | 1.8193 | 1.4164 | -0.4785 | 2.7572 |
| 1386 | 55.1 | 52.7 | 0.3016 | 0.8511 | -0.0994 | 1.0533 | 1.8021 | 1.4235 | -0.4846 | 2.741  |
| 1387 | 53.4 | 52.4 | 0.3014 | 0.8493 | -0.0994 | 1.0513 | 1.7934 | 1.4217 | -0.4868 | 2.7283 |
| 1388 | 54.1 | 52.4 | 0.2992 | 0.848  | -0.0992 | 1.0479 | 1.7977 | 1.4181 | -0.4896 | 2.7262 |
| 1389 | 51.3 | 52.4 | 0.2981 | 0.847  | -0.0997 | 1.0454 | 1.7916 | 1.4057 | -0.4937 | 2.7036 |
| 1390 | 50.4 | 52.3 | 0.2974 | 0.8454 | -0.0998 | 1.043  | 1.7597 | 1.3903 | -0.4978 | 2.6522 |
| 1391 | 51.2 | 52.3 | 0.2968 | 0.844  | -0.0995 | 1.0412 | 1.7454 | 1.3813 | -0.4976 | 2.629  |
| 1392 | 50.8 | 52.3 | 0.2964 | 0.8429 | -0.0988 | 1.0405 | 1.7324 | 1.3789 | -0.4953 | 2.616  |
| 1393 | 50.6 | 52.5 | 0.296  | 0.8415 | -0.0983 | 1.0392 | 1.7144 | 1.3938 | -0.4944 | 2.6137 |
| 1394 | 52.3 | 52.8 | 0.2949 | 0.8407 | -0.0984 | 1.0372 | 1.6877 | 1.3846 | -0.4937 | 2.5786 |
| 1395 | 52.1 | 52.9 | 0.2924 | 0.8402 | -0.0987 | 1.034  | 1.6732 | 1.39   | -0.4956 | 2.5677 |
| 1396 | 50.5 | 52.8 | 0.291  | 0.8391 | -0.099  | 1.031  | 1.6631 | 1.3892 | -0.5034 | 2.5488 |
| 1397 | 54.2 | 52.9 | 0.2893 | 0.8383 | -0.0992 | 1.0284 | 1.6542 | 1.3883 | -0.5064 | 2.5361 |

|      |      |      |        |        |         |        |        |        |         |        |
|------|------|------|--------|--------|---------|--------|--------|--------|---------|--------|
| 1398 | 53.2 | 52.8 | 0.2873 | 0.8359 | -0.0992 | 1.024  | 1.6436 | 1.3781 | -0.5035 | 2.5182 |
| 1399 | 53.8 | 52.8 | 0.2855 | 0.8353 | -0.0993 | 1.0215 | 1.6311 | 1.3852 | -0.501  | 2.5153 |
| 1400 | 54.4 | 52.8 | 0.2841 | 0.8339 | -0.0997 | 1.0183 | 1.6206 | 1.3926 | -0.5022 | 2.5111 |
| 1401 | 53.5 | 52.9 | 0.2828 | 0.8318 | -0.0999 | 1.0147 | 1.616  | 1.3837 | -0.5027 | 2.497  |
| 1402 | 56.4 | 52.9 | 0.2815 | 0.8307 | -0.0998 | 1.0124 | 1.62   | 1.3801 | -0.5033 | 2.4968 |
| 1403 | 55.2 | 53.2 | 0.2804 | 0.8293 | -0.0999 | 1.0098 | 1.611  | 1.3685 | -0.5069 | 2.4725 |
| 1404 | 52.8 | 53.1 | 0.2787 | 0.8282 | -0.0998 | 1.0072 | 1.6096 | 1.3653 | -0.5011 | 2.4739 |
| 1405 | 53.8 | 53   | 0.2774 | 0.8264 | -0.0993 | 1.0045 | 1.6198 | 1.3574 | -0.4989 | 2.4784 |
| 1406 | 54   | 53.2 | 0.2761 | 0.8249 | -0.0989 | 1.0021 | 1.6194 | 1.3609 | -0.4948 | 2.4854 |
| 1407 | 53.1 | 53.1 | 0.2741 | 0.8239 | -0.099  | 0.999  | 1.6138 | 1.3601 | -0.4894 | 2.4844 |
| 1408 | 50.3 | 53.1 | 0.2726 | 0.8228 | -0.0995 | 0.996  | 1.5934 | 1.3677 | -0.4902 | 2.4709 |
| 1409 | 51.3 | 53.1 | 0.271  | 0.8218 | -0.0997 | 0.9931 | 1.5767 | 1.3775 | -0.4909 | 2.4633 |
| 1410 | 52.1 | 53   | 0.2701 | 0.8207 | -0.1001 | 0.9907 | 1.5718 | 1.3702 | -0.4865 | 2.4555 |
| 1411 | 51.9 | 52.9 | 0.269  | 0.8185 | -0.1005 | 0.9869 | 1.5741 | 1.3746 | -0.4842 | 2.4645 |
| 1412 | 55.6 | 52.7 | 0.2689 | 0.8179 | -0.1009 | 0.9859 | 1.5693 | 1.3719 | -0.483  | 2.4582 |
| 1413 | 51.4 | 52.6 | 0.2687 | 0.8164 | -0.101  | 0.9841 | 1.5587 | 1.3622 | -0.482  | 2.4389 |
| 1414 | 49.8 | 52.6 | 0.2684 | 0.814  | -0.1013 | 0.981  | 1.5429 | 1.3638 | -0.4844 | 2.4224 |
| 1415 | 53.5 | 52.5 | 0.2682 | 0.8119 | -0.1013 | 0.9788 | 1.5322 | 1.3635 | -0.49   | 2.4056 |
| 1416 | 53.2 | 52.3 | 0.2677 | 0.8096 | -0.1009 | 0.9765 | 1.5186 | 1.3627 | -0.4925 | 2.3888 |
| 1417 | 52.5 | 52.2 | 0.2673 | 0.8087 | -0.1009 | 0.9751 | 1.508  | 1.366  | -0.4959 | 2.3781 |
| 1418 | 53.7 | 52.3 | 0.2659 | 0.8073 | -0.1007 | 0.9725 | 1.5054 | 1.3581 | -0.4959 | 2.3675 |
| 1419 | 52.8 | 52.1 | 0.2643 | 0.806  | -0.1005 | 0.9698 | 1.5072 | 1.3502 | -0.494  | 2.3634 |
| 1420 | 52.2 | 51.9 | 0.263  | 0.8048 | -0.1005 | 0.9673 | 1.5099 | 1.3555 | -0.4972 | 2.3682 |
| 1421 | 52.4 | 52   | 0.262  | 0.8038 | -0.1007 | 0.9651 | 1.5143 | 1.3396 | -0.4976 | 2.3562 |
| 1422 | 53.8 | 51.7 | 0.2616 | 0.8027 | -0.1008 | 0.9636 | 1.5147 | 1.3461 | -0.497  | 2.3639 |
| 1423 | 52.6 | 51.7 | 0.26   | 0.8021 | -0.1007 | 0.9614 | 1.507  | 1.3409 | -0.4926 | 2.3553 |
| 1424 | 50.7 | 51.9 | 0.2592 | 0.8007 | -0.1004 | 0.9595 | 1.4861 | 1.3312 | -0.4938 | 2.3236 |
| 1425 | 50.9 | 51.8 | 0.2575 | 0.7994 | -0.101  | 0.9559 | 1.481  | 1.3353 | -0.4926 | 2.3238 |
| 1426 | 50.4 | 51.7 | 0.2556 | 0.7983 | -0.1015 | 0.9525 | 1.4786 | 1.335  | -0.4902 | 2.3233 |
| 1427 | 52.4 | 51.7 | 0.2549 | 0.7971 | -0.1015 | 0.9505 | 1.4829 | 1.3425 | -0.4852 | 2.3402 |
| 1428 | 48.9 | 51.7 | 0.2528 | 0.7956 | -0.1019 | 0.9464 | 1.4691 | 1.3378 | -0.4843 | 2.3227 |
| 1429 | 48   | 51.7 | 0.2513 | 0.7949 | -0.1025 | 0.9437 | 1.4351 | 1.3422 | -0.4853 | 2.292  |
| 1430 | 53.1 | 51.8 | 0.2514 | 0.7927 | -0.1026 | 0.9414 | 1.4116 | 1.336  | -0.4888 | 2.2588 |
| 1431 | 49.7 | 51.7 | 0.2451 | 0.7919 | -0.0948 | 0.9421 | 1.3959 | 1.3228 | -0.493  | 2.2258 |
| 1432 | 52.2 | 51.4 | 0.2176 | 0.79   | -0.0635 | 0.9442 | 1.3854 | 1.3235 | -0.492  | 2.2168 |
| 1433 | 52.5 | 51.2 | 0.194  | 0.7869 | -0.0445 | 0.9364 | 1.3812 | 1.3221 | -0.4939 | 2.2095 |
| 1434 | 52.2 | 51.2 | 0.1934 | 0.7858 | -0.0448 | 0.9343 | 1.3805 | 1.3208 | -0.4974 | 2.2039 |



|      |      |      |        |        |         |        |        |        |         |        |
|------|------|------|--------|--------|---------|--------|--------|--------|---------|--------|
| 1435 | 51.7 | 51.2 | 0.1928 | 0.7842 | -0.0447 | 0.9324 | 1.3826 | 1.3331 | -0.4999 | 2.2158 |
| 1436 | 51.8 | 51.1 | 0.1918 | 0.7827 | -0.0448 | 0.9297 | 1.3856 | 1.3215 | -0.4986 | 2.2085 |
| 1437 | 53.2 | 51   | 0.19   | 0.7822 | -0.0449 | 0.9273 | 1.3789 | 1.3178 | -0.5026 | 2.194  |
| 1438 | 54.1 | 51.2 | 0.1888 | 0.7809 | -0.0451 | 0.9246 | 1.4184 | 1.3116 | -0.4993 | 2.2307 |
| 1439 | 52.9 | 51.3 | 0.1889 | 0.7801 | -0.045  | 0.9239 | 1.7092 | 1.1677 | -0.4925 | 2.3844 |
| 1440 | 50.5 | 51.1 | 0.1884 | 0.7788 | -0.0449 | 0.9223 | 2.0943 | 1.1375 | -0.679  | 2.5528 |
| 1441 | 48.5 | 51.1 | 0.188  | 0.7775 | -0.0446 | 0.9209 | 2.1857 | 1.2115 | -0.7848 | 2.6123 |
| 1442 | 48.6 | 50.9 | 0.1877 | 0.775  | -0.0444 | 0.9184 | 2.1642 | 1.2155 | -0.7755 | 2.6043 |
| 1443 | 51.6 | 50.9 | 0.1881 | 0.7742 | -0.0446 | 0.9177 | 2.1581 | 1.2159 | -0.7716 | 2.6025 |
| 1444 | 50.8 | 50.7 | 0.1885 | 0.7729 | -0.0445 | 0.9168 | 2.1245 | 1.2444 | -0.7699 | 2.599  |
| 1445 | 48.9 | 50.5 | 0.1876 | 0.7722 | -0.0443 | 0.9155 | 2.0938 | 1.2773 | -0.7681 | 2.603  |
| 1446 | 50.3 | 50.3 | 0.1862 | 0.7711 | -0.0442 | 0.9131 | 2.0555 | 1.2775 | -0.7715 | 2.5615 |
| 1447 | 51.7 | 50.1 | 0.1858 | 0.7699 | -0.0445 | 0.9113 | 2.0264 | 1.2938 | -0.7751 | 2.5451 |
| 1448 | 51   | 49.8 | 0.1848 | 0.7687 | -0.0448 | 0.9087 | 1.9893 | 1.3187 | -0.7749 | 2.5331 |
| 1449 | 49.6 | 49.7 | 0.1837 | 0.7666 | -0.0451 | 0.9053 | 1.9455 | 1.3279 | -0.7753 | 2.4981 |
| 1450 | 48.8 | 49.7 | 0.1823 | 0.7654 | -0.045  | 0.9028 | 1.9225 | 1.3356 | -0.7776 | 2.4806 |
| 1451 | 49.6 | 49.7 | 0.1803 | 0.764  | -0.0451 | 0.8992 | 1.917  | 1.3275 | -0.7816 | 2.463  |
| 1452 | 51.1 | 49.9 | 0.1801 | 0.7635 | -0.0451 | 0.8985 | 1.9115 | 1.3153 | -0.7803 | 2.4464 |
| 1453 | 49.3 | 49.8 | 0.1795 | 0.7623 | -0.0459 | 0.896  | 1.9024 | 1.3262 | -0.776  | 2.4525 |
| 1454 | 48.3 | 49.9 | 0.1783 | 0.7613 | -0.0458 | 0.8938 | 1.8805 | 1.3507 | -0.7774 | 2.4538 |
| 1455 | 47.5 | 49.8 | 0.1776 | 0.7595 | -0.0461 | 0.891  | 1.862  | 1.3654 | -0.773  | 2.4544 |
| 1456 | 48.7 | 49.7 | 0.1777 | 0.7582 | -0.0467 | 0.8892 | 1.8828 | 1.348  | -0.7665 | 2.4643 |
| 1457 | 49.8 | 49.4 | 0.1782 | 0.7565 | -0.0466 | 0.8882 | 1.8965 | 1.3189 | -0.7587 | 2.4567 |
| 1458 | 49.7 | 49.2 | 0.1785 | 0.7548 | -0.0463 | 0.887  | 1.889  | 1.3123 | -0.7544 | 2.4469 |
| 1459 | 50.6 | 49.2 | 0.1776 | 0.7542 | -0.0468 | 0.885  | 1.8723 | 1.3189 | -0.7546 | 2.4366 |
| 1460 | 49   | 49.2 | 0.1766 | 0.7528 | -0.0471 | 0.8823 | 1.8299 | 1.3304 | -0.7488 | 2.4114 |
| 1461 | 51.5 | 49.2 | 0.176  | 0.7516 | -0.0469 | 0.8807 | 1.3704 | 1.3292 | -0.8162 | 1.8835 |
| 1462 | 50.9 | 49.1 | 0.1755 | 0.7501 | -0.0471 | 0.8785 | 2.5463 | 1.186  | -1.2348 | 2.4975 |
| 1463 | 51.1 | 49.1 | 0.1755 | 0.7485 | -0.0471 | 0.8769 | 2.5398 | 1.2447 | -1.2387 | 2.5458 |
| 1464 | 47.9 | 49.1 | 0.1752 | 0.7468 | -0.0468 | 0.8752 | 2.4954 | 1.259  | -1.2385 | 2.5158 |
| 1465 | 47.6 | 49   | 0.1753 | 0.7459 | -0.0465 | 0.8746 | 2.4631 | 1.2585 | -1.241  | 2.4806 |
| 1466 | 46.8 | 48.9 | 0.1744 | 0.7449 | -0.0463 | 0.8731 | 2.4382 | 1.2546 | -1.2401 | 2.4526 |
| 1467 | 47.5 | 48.9 | 0.1739 | 0.7446 | -0.0463 | 0.8722 | 2.4194 | 1.2521 | -1.2312 | 2.4402 |
| 1468 | 48.4 | 48.8 | 0.1729 | 0.744  | -0.0467 | 0.8701 | 2.4082 | 1.2668 | -1.2273 | 2.4477 |
| 1469 | 50.2 | 48.6 | 0.1722 | 0.7424 | -0.0467 | 0.8679 | 2.3922 | 1.2802 | -1.2219 | 2.4504 |
| 1470 | 49.6 | 48.5 | 0.1709 | 0.742  | -0.0468 | 0.8661 | 2.3669 | 1.2863 | -1.2156 | 2.4376 |
| 1471 | 48.8 | 48.1 | 0.1698 | 0.7403 | -0.0474 | 0.8627 | 2.3531 | 1.2827 | -1.214  | 2.4218 |

|      |      |      |        |        |         |        |        |        |         |        |
|------|------|------|--------|--------|---------|--------|--------|--------|---------|--------|
| 1472 | 48.6 | 48   | 0.1691 | 0.7386 | -0.048  | 0.8596 | 2.3442 | 1.2811 | -1.2179 | 2.4073 |
| 1473 | 48.1 | 47.8 | 0.169  | 0.7374 | -0.0482 | 0.8581 | 2.3422 | 1.2783 | -1.225  | 2.3955 |
| 1474 | 45.6 | 47.7 | 0.1686 | 0.7357 | -0.0486 | 0.8557 | 2.3357 | 1.2667 | -1.2252 | 2.3772 |
| 1475 | 47.5 | 47.7 | 0.1676 | 0.734  | -0.0489 | 0.8527 | 2.3266 | 1.254  | -1.218  | 2.3627 |
| 1476 | 49.5 | 47.6 | 0.1666 | 0.7324 | -0.0495 | 0.8495 | 2.3157 | 1.2396 | -1.2188 | 2.3365 |
| 1477 | 48.4 | 47.3 | 0.1666 | 0.7318 | -0.0498 | 0.8486 | 2.2924 | 1.2402 | -1.2201 | 2.3126 |
| 1478 | 45.8 | 47   | 0.1674 | 0.7301 | -0.0497 | 0.8477 | 2.2833 | 1.2379 | -1.2179 | 2.3034 |
| 1479 | 48.1 | 46.6 | 0.1677 | 0.7286 | -0.0498 | 0.8465 | 2.2746 | 1.218  | -1.2222 | 2.2705 |
| 1480 | 44.5 | 46.3 | 0.1679 | 0.7278 | -0.0497 | 0.846  | 2.2713 | 1.2109 | -1.2296 | 2.2525 |
| 1481 | 48.6 | 46   | 0.1676 | 0.726  | -0.0498 | 0.8438 | 2.2792 | 1.1896 | -1.2321 | 2.2366 |
| 1482 | 46   | 45.7 | 0.1672 | 0.724  | -0.0497 | 0.8415 | 2.2188 | 1.1867 | -1.1539 | 2.2516 |
| 1483 | 47.4 | 45.4 | 0.1669 | 0.7223 | -0.0495 | 0.8396 | 1.9594 | 1.1668 | -0.8312 | 2.2949 |
| 1484 | 46.1 | 45.2 | 0.1657 | 0.7202 | -0.0492 | 0.8368 | 1.7425 | 1.1385 | -0.6337 | 2.2473 |
| 1485 | 44.9 | 44.9 | 0.1648 | 0.7201 | -0.0492 | 0.8357 | 1.7613 | 1.1335 | -0.6323 | 2.2625 |
| 1486 | 43.3 | 44.5 | 0.1637 | 0.7193 | -0.0491 | 0.8339 | 1.7404 | 1.1497 | -0.6306 | 2.2596 |
| 1487 | 42.3 | 44.3 | 0.1595 | 0.7181 | -0.0494 | 0.8283 | 1.7227 | 1.1644 | -0.6267 | 2.2604 |
| 1488 | 42.3 | 44.3 | 0.1282 | 0.7312 | -0.05   | 0.8095 | 1.6997 | 1.1725 | -0.629  | 2.2432 |
| 1489 | 43.2 | 44.2 | 0.0887 | 0.7333 | -0.0318 | 0.7901 | 1.6625 | 1.1973 | -0.6319 | 2.2279 |
| 1490 | 44   | 44.2 | 0.0788 | 0.7242 | -0.0213 | 0.7817 | 1.6601 | 1.193  | -0.6264 | 2.2267 |
| 1491 | 42.1 | 43.8 | 0.0803 | 0.7224 | -0.022  | 0.7808 | 1.6795 | 1.1717 | -0.6266 | 2.2247 |
| 1492 | 43.5 | 43.7 | 0.0806 | 0.7213 | -0.0217 | 0.7802 | 1.6903 | 1.1574 | -0.6239 | 2.2237 |
| 1493 | 41.6 | 43.6 | 0.0835 | 0.7171 | -0.0213 | 0.7793 | 1.6867 | 1.1357 | -0.6202 | 2.2021 |
| 1494 | 41.8 | 43.4 | 0.0856 | 0.713  | -0.0216 | 0.7769 | 1.6843 | 1.1365 | -0.6192 | 2.2017 |
| 1495 | 42.2 | 43.4 | 0.0869 | 0.7125 | -0.0215 | 0.7778 | 1.6829 | 1.1438 | -0.6109 | 2.2158 |
| 1496 | 44.6 | 43.3 | 0.0883 | 0.7097 | -0.0215 | 0.7765 | 1.6779 | 1.1657 | -0.6016 | 2.242  |
| 1497 | 45.6 | 43.3 | 0.0904 | 0.7064 | -0.0217 | 0.7751 | 1.6749 | 1.1705 | -0.596  | 2.2494 |
| 1498 | 44.8 | 43.5 | 0.0928 | 0.7031 | -0.0217 | 0.7742 | 1.6692 | 1.186  | -0.5965 | 2.2587 |
| 1499 | 44.6 | 43.6 | 0.0933 | 0.7018 | -0.0216 | 0.7735 | 1.623  | 1.2088 | -0.6028 | 2.2291 |
| 1500 | 42.4 | 43.6 | 0.0924 | 0.7011 | -0.0216 | 0.772  | 1.5938 | 1.2271 | -0.6083 | 2.2125 |
| 1501 | 43.9 | 43.6 | 0.0916 | 0.7003 | -0.0219 | 0.77   | 1.5488 | 1.2339 | -0.6066 | 2.1761 |
| 1502 | 44.7 | 43.5 | 0.0912 | 0.6981 | -0.0222 | 0.7672 | 1.525  | 1.2444 | -0.6036 | 2.1657 |
| 1503 | 43.2 | 43.5 | 0.0924 | 0.6942 | -0.0222 | 0.7644 | 1.5278 | 1.2425 | -0.6033 | 2.167  |
| 1504 | 43.6 | 43.5 | 0.0925 | 0.6917 | -0.0225 | 0.7617 | 1.5414 | 1.2311 | -0.603  | 2.1695 |
| 1505 | 42.5 | 43.5 | 0.0891 | 0.6916 | -0.0226 | 0.7581 | 1.5339 | 1.2187 | -0.5948 | 2.1578 |
| 1506 | 42.7 | 43.2 | 0.0864 | 0.693  | -0.023  | 0.7564 | 1.5208 | 1.2292 | -0.596  | 2.1541 |
| 1507 | 44.4 | 42.9 | 0.0852 | 0.6927 | -0.0236 | 0.7543 | 1.5086 | 1.2388 | -0.6002 | 2.1472 |
| 1508 | 45.4 | 42.7 | 0.0854 | 0.6909 | -0.024  | 0.7523 | 1.5157 | 1.2293 | -0.598  | 2.147  |

|      |      |      |        |        |         |        |        |        |         |        |
|------|------|------|--------|--------|---------|--------|--------|--------|---------|--------|
| 1509 | 44   | 42.5 | 0.088  | 0.6888 | -0.0248 | 0.7519 | 1.5188 | 1.223  | -0.5964 | 2.1453 |
| 1510 | 42.3 | 42.5 | 0.133  | 0.6878 | -0.0185 | 0.8023 | 1.5067 | 1.2308 | -0.6009 | 2.1365 |
| 1511 | 42.8 | 42.3 | 0.0143 | 0.6999 | 0.023   | 0.7372 | 1.4972 | 1.2164 | -0.6023 | 2.1113 |
| 1512 | 41.6 | 41.9 | 0.0149 | 0.6934 | 0.023   | 0.7313 | 1.488  | 1.214  | -0.5993 | 2.1027 |
| 1513 | 41.4 | 41.8 | 0.0191 | 0.6905 | 0.0228  | 0.7325 | 1.4806 | 1.2052 | -0.5979 | 2.0878 |
| 1514 | 41.4 | 41.6 | 0.0221 | 0.6881 | 0.0228  | 0.733  | 1.4665 | 1.1914 | -0.5876 | 2.0703 |
| 1515 | 40   | 41.5 | 0.0243 | 0.6865 | 0.0228  | 0.7336 | 1.4687 | 1.1898 | -0.5807 | 2.0777 |
| 1516 | 39.9 | 41.2 | 0.0258 | 0.6844 | 0.0223  | 0.7324 | 1.4895 | 1.1823 | -0.5802 | 2.0915 |
| 1517 | 40.8 | 40.8 | 0.0265 | 0.682  | 0.0218  | 0.7303 | 1.4955 | 1.1767 | -0.5766 | 2.0956 |
| 1518 | 40.3 | 40.5 | 0.0267 | 0.6793 | 0.0215  | 0.7275 | 1.4961 | 1.1721 | -0.5727 | 2.0955 |
| 1519 | 41.8 | 40.3 | 0.0276 | 0.6774 | 0.021   | 0.726  | 1.488  | 1.1872 | -0.575  | 2.1002 |
| 1520 | 40.2 | 40.3 | 0.0277 | 0.6765 | 0.0209  | 0.7251 | 1.5033 | 1.1849 | -0.5709 | 2.1173 |
| 1521 | 37.8 | 40.1 | 0.0276 | 0.6757 | 0.0211  | 0.7244 | 1.5761 | 1.0797 | -0.5634 | 2.0924 |
| 1522 | 41.7 | 40   | 0.0274 | 0.6749 | 0.0217  | 0.724  | 1.7023 | 0.9338 | -0.5724 | 2.0636 |
| 1523 | 39.4 | 40   | 0.0264 | 0.6754 | 0.0219  | 0.7237 | 1.7351 | 0.9366 | -0.5801 | 2.0916 |
| 1524 | 40.2 | 40.1 | 0.0265 | 0.6753 | 0.0214  | 0.7232 | 1.7305 | 0.9428 | -0.5753 | 2.098  |
| 1525 | 37.3 | 40.1 | 0.0259 | 0.6754 | 0.0209  | 0.7223 | 1.7116 | 0.9513 | -0.5692 | 2.0937 |
| 1526 | 37.7 | 40.2 | 0.0264 | 0.6743 | 0.0205  | 0.7212 | 1.6726 | 0.9853 | -0.5674 | 2.0904 |
| 1527 | 39.2 | 40.2 | 0.0266 | 0.6733 | 0.0203  | 0.7202 | 1.6531 | 0.9976 | -0.5727 | 2.078  |
| 1528 | 40.5 | 40.3 | 0.0253 | 0.6738 | 0.0203  | 0.7194 | 1.6586 | 1.0049 | -0.5748 | 2.0888 |
| 1529 | 40.7 | 40.2 | 0.0242 | 0.6738 | 0.0205  | 0.7185 | 1.6826 | 0.9866 | -0.5722 | 2.097  |
| 1530 | 39.7 | 40.3 | 0.0234 | 0.6738 | 0.0206  | 0.7178 | 1.6879 | 0.9609 | -0.5729 | 2.0759 |
| 1531 | 40.4 | 40.4 | 0.0232 | 0.6732 | 0.0206  | 0.717  | 1.6903 | 0.9521 | -0.572  | 2.0703 |
| 1532 | 41.3 | 40.4 | 0.0217 | 0.6734 | 0.0197  | 0.7147 | 1.6827 | 0.9475 | -0.5723 | 2.0579 |
| 1533 | 42.2 | 40.5 | 0.0197 | 0.673  | 0.0189  | 0.7117 | 1.6777 | 0.944  | -0.568  | 2.0538 |
| 1534 | 40.4 | 40.6 | 0.0172 | 0.6724 | 0.0184  | 0.708  | 1.6786 | 0.941  | -0.5632 | 2.0565 |
| 1535 | 42.8 | 40.9 | 0.0188 | 0.6692 | 0.0184  | 0.7064 | 1.6647 | 0.9427 | -0.5569 | 2.0506 |
| 1536 | 39.8 | 41.2 | 0.0195 | 0.6662 | 0.0179  | 0.7036 | 1.6655 | 0.9525 | -0.5544 | 2.0636 |
| 1537 | 41.8 | 41.2 | 0.02   | 0.6649 | 0.018   | 0.7029 | 1.6651 | 0.9525 | -0.5489 | 2.0687 |
| 1538 | 40.5 | 41.1 | 0.0225 | 0.6612 | 0.018   | 0.7018 | 1.6287 | 0.9435 | -0.5486 | 2.0236 |
| 1539 | 41.5 | 41.2 | 0.0229 | 0.6608 | 0.0176  | 0.7013 | 1.3211 | 1.0752 | -0.5514 | 1.8449 |
| 1540 | 39.9 | 41.2 | 0.0205 | 0.6616 | 0.0178  | 0.6998 | 0.9265 | 1.1038 | -0.371  | 1.6593 |
| 1541 | 42.5 | 41.3 | 0.019  | 0.6618 | 0.0178  | 0.6986 | 0.8306 | 1.0119 | -0.2672 | 1.5754 |
| 1542 | 41.8 | 41.2 | 0.0191 | 0.6615 | 0.0176  | 0.6981 | 0.8522 | 0.9983 | -0.2776 | 1.5729 |
| 1543 | 41.4 | 41.1 | 0.0197 | 0.6606 | 0.0173  | 0.6976 | 0.8555 | 0.9977 | -0.2806 | 1.5726 |
| 1544 | 43.1 | 41.1 | 0.0202 | 0.6585 | 0.0166  | 0.6953 | 0.8955 | 0.9566 | -0.2743 | 1.5778 |
| 1545 | 42.5 | 40.9 | 0.0198 | 0.6556 | 0.0159  | 0.6913 | 0.9189 | 0.9264 | -0.276  | 1.5693 |

|      |      |      |         |        |        |        |        |        |         |        |
|------|------|------|---------|--------|--------|--------|--------|--------|---------|--------|
| 1546 | 39.7 | 40.8 | 0.0187  | 0.654  | 0.0154 | 0.6881 | 0.9286 | 0.9364 | -0.2684 | 1.5966 |
| 1547 | 39.2 | 40.7 | 0.0189  | 0.6513 | 0.0152 | 0.6854 | 0.9456 | 0.9133 | -0.2621 | 1.5969 |
| 1548 | 41.5 | 40.7 | 0.0225  | 0.6478 | 0.0154 | 0.6858 | 0.9648 | 0.8918 | -0.2588 | 1.5977 |
| 1549 | 40.9 | 40.5 | 0.0244  | 0.6439 | 0.0158 | 0.684  | 0.9898 | 0.8759 | -0.2539 | 1.6118 |
| 1550 | 41.4 | 40.4 | 0.0274  | 0.6421 | 0.0157 | 0.6852 | 0.9967 | 0.8808 | -0.2512 | 1.6263 |
| 1551 | 39.8 | 40.1 | 0.0278  | 0.6396 | 0.0153 | 0.6827 | 0.9856 | 0.8937 | -0.2497 | 1.6296 |
| 1552 | 41.2 | 39.8 | 0.0273  | 0.6393 | 0.0152 | 0.6818 | 0.9758 | 0.8926 | -0.2559 | 1.6125 |
| 1553 | 39   | 39.6 | 0.0254  | 0.6392 | 0.0144 | 0.679  | 0.9691 | 0.8804 | -0.2641 | 1.5854 |
| 1554 | 38.7 | 39.2 | 0.0249  | 0.6394 | 0.0137 | 0.678  | 0.9805 | 0.8548 | -0.2668 | 1.5685 |
| 1555 | 38.2 | 39   | 0.0255  | 0.6366 | 0.0135 | 0.6756 | 0.9747 | 0.8404 | -0.2698 | 1.5453 |
| 1556 | 39.8 | 38.8 | 0.0268  | 0.6343 | 0.0133 | 0.6744 | 0.9378 | 0.8484 | -0.2701 | 1.5162 |
| 1557 | 40.4 | 38.8 | 0.0267  | 0.6336 | 0.0132 | 0.6735 | 0.9073 | 0.8714 | -0.2722 | 1.5065 |
| 1558 | 38.6 | 38.6 | 0.0266  | 0.6325 | 0.0133 | 0.6724 | 0.8852 | 0.8766 | -0.275  | 1.4868 |
| 1559 | 37.1 | 38.4 | 0.0269  | 0.6312 | 0.0133 | 0.6714 | 0.8771 | 0.8719 | -0.2718 | 1.4772 |
| 1560 | 36.7 | 38.1 | 0.0268  | 0.6311 | 0.0132 | 0.6711 | 0.897  | 0.8553 | -0.2716 | 1.4807 |
| 1561 | 36.8 | 37.9 | 0.0272  | 0.6302 | 0.013  | 0.6704 | 1.348  | 0.8561 | -0.2039 | 2.0002 |
| 1562 | 37.1 | 37.7 | 0.0275  | 0.6295 | 0.0127 | 0.6697 | 0.161  | 0.9957 | 0.2127  | 1.3695 |
| 1563 | 36.2 | 37.6 | 0.0289  | 0.6293 | 0.0117 | 0.6699 | 0.1556 | 0.9547 | 0.2163  | 1.3266 |
| 1564 | 38.2 | 37.6 | 0.0283  | 0.6278 | 0.0113 | 0.6675 | 0.2024 | 0.9398 | 0.2198  | 1.362  |
| 1565 | 37   | 37.7 | 0.0263  | 0.6277 | 0.0115 | 0.6655 | 0.2588 | 0.9172 | 0.2243  | 1.4003 |
| 1566 | 38.8 | 37.5 | 0.0249  | 0.6273 | 0.0113 | 0.6635 | 0.3023 | 0.8944 | 0.2259  | 1.4226 |
| 1567 | 38.1 | 37.4 | 0.0243  | 0.6274 | 0.011  | 0.6626 | 0.3139 | 0.8799 | 0.2249  | 1.4187 |
| 1568 | 36.2 | 37.4 | 0.0241  | 0.6252 | 0.0108 | 0.6601 | 0.3186 | 0.8681 | 0.2229  | 1.4096 |
| 1569 | 36.8 | 37.4 | 0.0219  | 0.6239 | 0.0104 | 0.6562 | 0.3271 | 0.8494 | 0.2173  | 1.3938 |
| 1570 | 36.3 | 37.4 | 0.0133  | 0.634  | 0.0095 | 0.6569 | 0.3424 | 0.8386 | 0.2102  | 1.3913 |
| 1571 | 36.1 | 37.6 | -0.0004 | 0.647  | 0.0098 | 0.6564 | 0.3432 | 0.8441 | 0.204   | 1.3912 |
| 1572 | 37.3 | 37.6 | -0.0044 | 0.6449 | 0.01   | 0.6505 | 0.3407 | 0.8399 | 0.2058  | 1.3864 |
| 1573 | 38.7 | 37.6 | -0.0041 | 0.6431 | 0.0093 | 0.6483 | 0.3459 | 0.8244 | 0.2103  | 1.3805 |
| 1574 | 39.4 | 37.6 | -0.0025 | 0.6405 | 0.0084 | 0.6464 | 0.334  | 0.8327 | 0.2085  | 1.3752 |
| 1575 | 37.7 | 37.5 | 0.0004  | 0.6355 | 0.0079 | 0.6437 | 0.3313 | 0.8388 | 0.2042  | 1.3743 |
| 1576 | 38.5 | 37.3 | 0.0013  | 0.6327 | 0.0078 | 0.6417 | 0.3265 | 0.8458 | 0.2037  | 1.3759 |
| 1577 | 38.1 | 37.1 | 0.0007  | 0.6313 | 0.0077 | 0.6397 | 0.331  | 0.839  | 0.2071  | 1.3771 |
| 1578 | 37.3 | 37.1 | -0.0009 | 0.6314 | 0.0075 | 0.638  | 0.3328 | 0.8431 | 0.2079  | 1.3839 |
| 1579 | 36.6 | 37.1 | -0.0011 | 0.6325 | 0.0075 | 0.6389 | 0.327  | 0.8614 | 0.206   | 1.3944 |
| 1580 | 39.3 | 37   | -0.0011 | 0.6326 | 0.0075 | 0.639  | 0.3378 | 0.8623 | 0.2123  | 1.4124 |
| 1581 | 37.6 | 36.9 | -0.0007 | 0.6313 | 0.0074 | 0.638  | 0.3443 | 0.8724 | 0.2146  | 1.4312 |
| 1582 | 37.5 | 36.8 | -0.0006 | 0.6296 | 0.0071 | 0.6362 | 0.3469 | 0.879  | 0.2137  | 1.4396 |

|      |      |      |         |        |         |        |        |        |        |        |
|------|------|------|---------|--------|---------|--------|--------|--------|--------|--------|
| 1583 | 37.3 | 36.7 | -0.001  | 0.6282 | 0.0068  | 0.634  | 0.3405 | 0.8927 | 0.2028 | 1.436  |
| 1584 | 35.2 | 36.6 | -0.0007 | 0.626  | 0.0065  | 0.6317 | 0.3204 | 0.9016 | 0.1952 | 1.4172 |
| 1585 | 34.4 | 36.5 | -0.0017 | 0.6249 | 0.0062  | 0.6294 | 0.2942 | 0.9039 | 0.1879 | 1.386  |
| 1586 | 34.8 | 36.4 | -0.0028 | 0.6241 | 0.0058  | 0.627  | 0.3048 | 0.8788 | 0.1891 | 1.3727 |
| 1587 | 36   | 36.3 | -0.0033 | 0.6238 | 0.0054  | 0.6259 | 0.312  | 0.8568 | 0.1872 | 1.356  |
| 1588 | 36.4 | 36.3 | -0.0039 | 0.6237 | 0.0052  | 0.625  | 0.3237 | 0.8441 | 0.1899 | 1.3577 |
| 1589 | 35.3 | 36.3 | -0.004  | 0.6229 | 0.0053  | 0.6242 | 0.3508 | 0.8224 | 0.1942 | 1.3674 |
| 1590 | 34.8 | 36.1 | -0.0043 | 0.6231 | 0.0054  | 0.6242 | 0.3654 | 0.8312 | 0.195  | 1.3917 |
| 1591 | 34.9 | 36   | -0.0049 | 0.6226 | 0.0058  | 0.6235 | 0.3447 | 0.8511 | 0.2041 | 1.4    |
| 1592 | 35.5 | 35.9 | -0.0049 | 0.6215 | 0.0064  | 0.623  | 0.3338 | 0.8712 | 0.2075 | 1.4125 |
| 1593 | 37.6 | 35.9 | -0.006  | 0.6214 | 0.0061  | 0.6215 | 0.3368 | 0.8835 | 0.2056 | 1.4259 |
| 1594 | 36.5 | 36   | -0.0063 | 0.6203 | 0.006   | 0.62   | 0.3384 | 0.8959 | 0.2045 | 1.4388 |
| 1595 | 36.9 | 36.1 | -0.006  | 0.6188 | 0.0053  | 0.6182 | 0.3346 | 0.8896 | 0.1962 | 1.4204 |
| 1596 | 36.8 | 36.2 | -0.0062 | 0.6184 | 0.0047  | 0.6168 | 0.3248 | 0.8756 | 0.1898 | 1.3902 |
| 1597 | 36   | 36.2 | -0.0061 | 0.6172 | 0.0042  | 0.6153 | 0.3135 | 0.8684 | 0.1864 | 1.3682 |
| 1598 | 36.9 | 36.2 | -0.0062 | 0.6155 | 0.0037  | 0.613  | 0.3056 | 0.8516 | 0.1898 | 1.3471 |
| 1599 | 35.9 | 36.2 | -0.0064 | 0.6137 | 0.0036  | 0.6108 | 0.3258 | 0.8371 | 0.1934 | 1.3563 |
| 1600 | 35.1 | 36.3 | -0.0061 | 0.6118 | 0.0034  | 0.609  | 0.3301 | 0.8229 | 0.1944 | 1.3475 |
| 1601 | 36.3 | 36.4 | -0.0059 | 0.611  | 0.0037  | 0.6088 | 0.3458 | 0.8064 | 0.1904 | 1.3426 |
| 1602 | 36.6 | 36.4 | -0.0057 | 0.61   | 0.0043  | 0.6086 | 0.3406 | 0.7951 | 0.1783 | 1.314  |
| 1603 | 36.4 | 36.2 | -0.0057 | 0.6088 | 0.0045  | 0.6076 | 0.3405 | 0.7871 | 0.1756 | 1.3032 |
| 1604 | 37.3 | 36.1 | -0.0049 | 0.6077 | 0.0045  | 0.6072 | 0.3393 | 0.7703 | 0.1688 | 1.2784 |
| 1605 | 36.4 | 35.9 | -0.0047 | 0.6068 | 0.0044  | 0.6065 | 0.354  | 0.7695 | 0.1641 | 1.2875 |
| 1606 | 35.7 | 35.8 | -0.0043 | 0.6059 | 0.0042  | 0.6058 | 0.3555 | 0.7526 | 0.168  | 1.2761 |
| 1607 | 36.1 | 35.8 | -0.0033 | 0.605  | 0.0039  | 0.6056 | 0.3584 | 0.7491 | 0.1694 | 1.2769 |
| 1608 | 36.8 | 35.8 | -0.0023 | 0.6037 | 0.0032  | 0.6046 | 0.3512 | 0.7642 | 0.1703 | 1.2857 |
| 1609 | 36.9 | 36   | -0.0017 | 0.6032 | 0.0024  | 0.6039 | 0.3478 | 0.7647 | 0.1713 | 1.2839 |
| 1610 | 35.7 | 36   | -0.0018 | 0.6022 | 0.0019  | 0.6023 | 0.3468 | 0.7557 | 0.1754 | 1.278  |
| 1611 | 34.9 | 36.1 | -0.0018 | 0.6003 | 0.0017  | 0.6002 | 0.3506 | 0.7582 | 0.1764 | 1.2852 |
| 1612 | 35.2 | 36.2 | -0.0006 | 0.598  | 0.0013  | 0.5987 | 0.3571 | 0.7504 | 0.1771 | 1.2847 |
| 1613 | 33.5 | 36.3 | -0.0011 | 0.5965 | 0.0008  | 0.5963 | 0.3548 | 0.7616 | 0.1697 | 1.286  |
| 1614 | 33.7 | 36.4 | -0.0038 | 0.5964 | 0.0004  | 0.593  | 0.3653 | 0.7749 | 0.159  | 1.2992 |
| 1615 | 34.4 | 36.4 | -0.0059 | 0.597  | 0.0002  | 0.5913 | 0.368  | 0.7598 | 0.1549 | 1.2827 |
| 1616 | 36.9 | 36.5 | -0.0056 | 0.5964 | -0.0002 | 0.5906 | 0.3513 | 0.7716 | 0.1575 | 1.2805 |
| 1617 | 37   | 36.5 | -0.0054 | 0.5952 | -0.0005 | 0.5894 | 0.3334 | 0.774  | 0.1615 | 1.2688 |
| 1618 | 38.4 | 36.4 | -0.006  | 0.5943 | -0.0002 | 0.5881 | 0.3189 | 0.7936 | 0.1587 | 1.2713 |
| 1619 | 36.6 | 36.3 | -0.0067 | 0.5935 | 0       | 0.5869 | 0.3097 | 0.7939 | 0.1573 | 1.2609 |

|      |      |      |         |        |         |        |        |        |        |        |
|------|------|------|---------|--------|---------|--------|--------|--------|--------|--------|
| 1620 | 37.2 | 36.4 | -0.0066 | 0.5921 | 0.0005  | 0.586  | 0.2993 | 0.789  | 0.1499 | 1.2382 |
| 1621 | 38.3 | 36.5 | -0.0065 | 0.5917 | 0.0005  | 0.5857 | 0.2235 | 0.8981 | 0.1425 | 1.2641 |
| 1622 | 38.9 | 36.6 | -0.0072 | 0.5925 | 0.0007  | 0.5859 | 0.0977 | 1.0414 | 0.1515 | 1.2906 |
| 1623 | 39.1 | 36.8 | -0.007  | 0.5921 | 0.001   | 0.5862 | 0.0701 | 1.027  | 0.1572 | 1.2542 |
| 1624 | 36.8 | 36.9 | -0.0066 | 0.5914 | 0.001   | 0.5858 | 0.0849 | 1.015  | 0.1501 | 1.25   |
| 1625 | 36.6 | 37.1 | -0.0067 | 0.5908 | 0.0005  | 0.5847 | 0.1097 | 1.0033 | 0.1415 | 1.2545 |
| 1626 | 35.7 | 37.1 | -0.0067 | 0.5904 | -0.0002 | 0.5835 | 0.1435 | 0.965  | 0.1404 | 1.2489 |
| 1627 | 35.8 | 37   | -0.0067 | 0.589  | -0.0005 | 0.5818 | 0.1624 | 0.9499 | 0.1412 | 1.2534 |
| 1628 | 35.8 | 36.9 | -0.0074 | 0.5876 | -0.0003 | 0.5799 | 0.1456 | 0.9447 | 0.1512 | 1.2415 |
| 1629 | 36.7 | 36.8 | -0.0096 | 0.5876 | -0.0008 | 0.5772 | 0.1326 | 0.9585 | 0.151  | 1.2421 |
| 1630 | 36.5 | 36.8 | -0.011  | 0.5865 | -0.0009 | 0.5746 | 0.135  | 0.9804 | 0.1517 | 1.2671 |
| 1631 | 36.9 | 36.7 | -0.0115 | 0.5853 | -0.0008 | 0.573  | 0.1387 | 0.9941 | 0.1537 | 1.2865 |
| 1632 | 37.1 | 36.5 | -0.0124 | 0.5841 | -0.0006 | 0.5711 | 0.1431 | 0.9932 | 0.1523 | 1.2887 |
| 1633 | 36.5 | 36.2 | -0.0123 | 0.5829 | -0.0006 | 0.57   | 0.1386 | 0.9839 | 0.1478 | 1.2703 |
| 1634 | 37.8 | 36.2 | -0.0122 | 0.582  | -0.0004 | 0.5694 | 0.1203 | 0.9807 | 0.1418 | 1.2428 |
| 1635 | 36.5 | 36   | -0.0117 | 0.5813 | -0.0005 | 0.5691 | 0.1202 | 0.968  | 0.1353 | 1.2236 |
| 1636 | 36.1 | 36.1 | -0.0117 | 0.5805 | -0.0008 | 0.568  | 0.1175 | 0.9664 | 0.1291 | 1.213  |
| 1637 | 35.3 | 36   | -0.0124 | 0.5805 | -0.001  | 0.5672 | 0.1049 | 0.9599 | 0.1306 | 1.1954 |
| 1638 | 36.3 | 36   | -0.0126 | 0.579  | -0.0014 | 0.565  | 0.0985 | 0.9577 | 0.128  | 1.1843 |
| 1639 | 36.6 | 36   | -0.0137 | 0.5776 | -0.0019 | 0.5621 | 0.1008 | 0.9534 | 0.1214 | 1.1756 |
| 1640 | 35.9 | 35.9 | -0.014  | 0.5765 | -0.0027 | 0.5598 | 0.0983 | 0.9528 | 0.1233 | 1.1745 |
| 1641 | 35.2 | 35.8 | -0.0144 | 0.5747 | -0.0029 | 0.5573 | 0.0934 | 0.9565 | 0.123  | 1.1729 |
| 1642 | 34.6 | 35.7 | -0.0146 | 0.5731 | -0.003  | 0.5555 | 0.0765 | 0.9735 | 0.1266 | 1.1767 |
| 1643 | 35.3 | 35.6 | -0.0142 | 0.571  | -0.0031 | 0.5537 | 0.0665 | 0.9671 | 0.1291 | 1.1627 |
| 1644 | 34.1 | 35.5 | -0.0133 | 0.5695 | -0.0031 | 0.5532 | 0.0688 | 0.9628 | 0.1266 | 1.1582 |
| 1645 | 36.6 | 35.4 | -0.0127 | 0.5681 | -0.0031 | 0.5523 | 0.0725 | 0.9655 | 0.1229 | 1.1609 |
| 1646 | 34.6 | 35.4 | -0.0126 | 0.5672 | -0.0033 | 0.5513 | 0.0697 | 0.9701 | 0.1144 | 1.1542 |
| 1647 | 35.9 | 35.4 | -0.0116 | 0.5661 | -0.0038 | 0.5507 | 0.0626 | 0.9875 | 0.1119 | 1.162  |
| 1648 | 36   | 35.3 | -0.01   | 0.5641 | -0.0039 | 0.5502 | 0.0595 | 0.9944 | 0.1128 | 1.1666 |
| 1649 | 34   | 35.2 | -0.0086 | 0.5616 | -0.0037 | 0.5493 | 0.054  | 0.9923 | 0.1123 | 1.1586 |
| 1650 | 35.5 | 35.1 | -0.0072 | 0.5614 | -0.0033 | 0.5509 | 0.0523 | 0.9828 | 0.1128 | 1.1479 |
| 1651 | 35.1 | 35   | -0.0063 | 0.5601 | -0.0025 | 0.5513 | 0.054  | 0.9696 | 0.1126 | 1.1361 |
| 1652 | 35.9 | 35   | -0.0067 | 0.5606 | -0.0023 | 0.5515 | 0.0509 | 0.9681 | 0.119  | 1.1381 |
| 1653 | 34.7 | 35   | -0.0085 | 0.5621 | -0.0024 | 0.5512 | 0.0544 | 0.9683 | 0.1285 | 1.1512 |
| 1654 | 35   | 35   | -0.0105 | 0.5625 | -0.0027 | 0.5492 | 0.0591 | 0.9663 | 0.1318 | 1.1571 |
| 1655 | 36   | 35   | -0.01   | 0.5613 | -0.0033 | 0.548  | 0.071  | 0.965  | 0.1345 | 1.1705 |
| 1656 | 34.6 | 35   | -0.009  | 0.5594 | -0.0036 | 0.5468 | 0.0739 | 0.9594 | 0.1368 | 1.1702 |

|      |      |      |         |        |         |        |        |        |        |        |
|------|------|------|---------|--------|---------|--------|--------|--------|--------|--------|
| 1657 | 34.5 | 35   | -0.0085 | 0.5572 | -0.0038 | 0.5449 | 0.0741 | 0.9657 | 0.137  | 1.1767 |
| 1658 | 34.8 | 35   | -0.0082 | 0.5561 | -0.0038 | 0.5441 | 0.0889 | 0.9585 | 0.1365 | 1.1839 |
| 1659 | 34.5 | 35.1 | -0.0078 | 0.5556 | -0.0042 | 0.5436 | 0.1039 | 0.9575 | 0.1291 | 1.1905 |
| 1660 | 34.1 | 35   | -0.0082 | 0.5553 | -0.0045 | 0.5426 | 0.1087 | 0.9622 | 0.123  | 1.1939 |
| 1661 | 34.7 | 35   | -0.0085 | 0.5551 | -0.0047 | 0.5419 | 0.1036 | 0.9594 | 0.1208 | 1.1838 |
| 1662 | 33.9 | 34.8 | -0.008  | 0.5534 | -0.0043 | 0.5411 | 0.1029 | 0.9523 | 0.122  | 1.1772 |
| 1663 | 34.8 | 34.8 | -0.0077 | 0.5518 | -0.0042 | 0.54   | 0.1187 | 0.9371 | 0.116  | 1.1718 |
| 1664 | 36.8 | 34.7 | -0.0085 | 0.5519 | -0.0042 | 0.5392 | 0.1182 | 0.9275 | 0.1116 | 1.1572 |
| 1665 | 34.6 | 34.7 | -0.0088 | 0.5505 | -0.0043 | 0.5374 | 0.0976 | 0.9316 | 0.1126 | 1.1418 |
| 1666 | 36.1 | 34.7 | -0.0084 | 0.5499 | -0.0048 | 0.5366 | 0.087  | 0.9438 | 0.1098 | 1.1406 |
| 1667 | 36.2 | 34.6 | -0.0076 | 0.548  | -0.0049 | 0.5355 | 0.0995 | 0.9355 | 0.103  | 1.1381 |
| 1668 | 34.7 | 34.7 | -0.0069 | 0.5458 | -0.0049 | 0.534  | 0.1054 | 0.9245 | 0.1017 | 1.1316 |
| 1669 | 34.4 | 34.8 | -0.0081 | 0.545  | -0.0046 | 0.5323 | 0.1031 | 0.924  | 0.1077 | 1.1348 |
| 1670 | 33.9 | 34.9 | -0.009  | 0.5442 | -0.0047 | 0.5305 | 0.1128 | 0.9244 | 0.1074 | 1.1447 |
| 1671 | 33.3 | 34.8 | -0.0102 | 0.5428 | -0.0054 | 0.5273 | 0.1216 | 0.9223 | 0.112  | 1.1559 |
| 1672 | 33.8 | 34.8 | -0.0114 | 0.5422 | -0.0057 | 0.5251 | 0.1323 | 0.9247 | 0.1101 | 1.1671 |
| 1673 | 33.3 | 34.8 | -0.0126 | 0.5416 | -0.0057 | 0.5233 | 0.1268 | 0.9435 | 0.1137 | 1.184  |
| 1674 | 36.2 | 34.7 | -0.0135 | 0.5402 | -0.0058 | 0.5209 | 0.1232 | 0.9523 | 0.1185 | 1.1941 |
| 1675 | 33.9 | 34.8 | -0.014  | 0.539  | -0.0062 | 0.5188 | 0.1208 | 0.9576 | 0.1203 | 1.1988 |
| 1676 | 33.1 | 34.7 | -0.015  | 0.5377 | -0.0063 | 0.5164 | 0.1181 | 0.9545 | 0.1167 | 1.1894 |
| 1677 | 37.3 | 34.6 | -0.0138 | 0.5368 | -0.0074 | 0.5156 | 0.1185 | 0.953  | 0.1129 | 1.1843 |
| 1678 | 35.1 | 34.6 | -0.0142 | 0.5356 | -0.0076 | 0.5138 | 0.1144 | 0.9562 | 0.1123 | 1.1829 |
| 1679 | 36.8 | 34.6 | -0.0146 | 0.5345 | -0.0077 | 0.5122 | 0.1051 | 0.9618 | 0.1097 | 1.1766 |
| 1680 | 33.8 | 34.7 | -0.015  | 0.5332 | -0.0079 | 0.5103 | 0.0698 | 0.9745 | 0.1038 | 1.1481 |
| 1681 | 33   | 34.9 | -0.015  | 0.532  | -0.0078 | 0.5092 | 0.0487 | 0.9702 | 0.1057 | 1.1246 |
| 1682 | 33.8 | 34.9 | -0.0144 | 0.5313 | -0.0077 | 0.5091 | 0.0496 | 0.9644 | 0.113  | 1.1271 |
| 1683 | 35.4 | 34.8 | -0.013  | 0.5301 | -0.0074 | 0.5097 | 0.045  | 0.9594 | 0.1119 | 1.1163 |
| 1684 | 36.3 | 34.7 | -0.0128 | 0.5292 | -0.0071 | 0.5093 | 0.0424 | 0.9506 | 0.1084 | 1.1014 |
| 1685 | 34.8 | 34.6 | -0.0135 | 0.5283 | -0.0067 | 0.5081 | 0.0458 | 0.9393 | 0.1109 | 1.096  |
| 1686 | 34.1 | 34.5 | -0.0133 | 0.5281 | -0.0073 | 0.5075 | 0.0512 | 0.9335 | 0.1088 | 1.0935 |
| 1687 | 35.6 | 34.3 | -0.0132 | 0.528  | -0.0074 | 0.5075 | 0.0607 | 0.9307 | 0.1062 | 1.0975 |
| 1688 | 34.7 | 34.2 | -0.014  | 0.5283 | -0.007  | 0.5074 | 0.0632 | 0.9349 | 0.1076 | 1.1057 |
| 1689 | 35.2 | 34.1 | -0.0138 | 0.5276 | -0.007  | 0.5068 | 0.0766 | 0.9314 | 0.1068 | 1.1148 |
| 1690 | 37.5 | 34   | -0.0136 | 0.5274 | -0.0069 | 0.5069 | 0.0871 | 0.9222 | 0.1067 | 1.116  |
| 1691 | 33.6 | 33.9 | -0.0125 | 0.5253 | -0.0069 | 0.5059 | 0.095  | 0.9174 | 0.1075 | 1.1199 |
| 1692 | 31.2 | 33.8 | -0.0116 | 0.5248 | -0.0065 | 0.5067 | 0.0877 | 0.9077 | 0.1097 | 1.1051 |
| 1693 | 33.7 | 33.8 | -0.0129 | 0.5251 | -0.0066 | 0.5057 | 0.0828 | 0.9046 | 0.1139 | 1.1012 |

|      |      |      |         |        |         |        |        |        |        |        |
|------|------|------|---------|--------|---------|--------|--------|--------|--------|--------|
| 1694 | 32.2 | 33.7 | -0.0136 | 0.5238 | -0.0063 | 0.5039 | 0.0806 | 0.9056 | 0.1158 | 1.102  |
| 1695 | 32.2 | 33.6 | -0.013  | 0.5218 | -0.0061 | 0.5028 | 0.0804 | 0.9063 | 0.1162 | 1.103  |
| 1696 | 33.1 | 33.7 | -0.0125 | 0.5196 | -0.0065 | 0.5006 | 0.0722 | 0.9065 | 0.1131 | 1.0917 |
| 1697 | 33.8 | 33.6 | -0.012  | 0.5178 | -0.0071 | 0.4987 | 0.0618 | 0.9136 | 0.1048 | 1.0802 |
| 1698 | 33.2 | 33.5 | -0.0116 | 0.5163 | -0.0075 | 0.4972 | 0.0646 | 0.9055 | 0.0923 | 1.0624 |
| 1699 | 32.4 | 33.4 | -0.0116 | 0.5154 | -0.0077 | 0.496  | 0.0878 | 0.884  | 0.0892 | 1.061  |
| 1700 | 31.8 | 33.2 | -0.0115 | 0.5148 | -0.0079 | 0.4954 | 0.1085 | 0.8523 | 0.0912 | 1.0519 |
| 1701 | 31.7 | 33.1 | -0.011  | 0.5142 | -0.0082 | 0.495  | 0.1203 | 0.8524 | 0.0936 | 1.0663 |
| 1702 | 34.3 | 33.2 | -0.0111 | 0.5132 | -0.0086 | 0.4935 | 0.1316 | 0.8452 | 0.101  | 1.0778 |
| 1703 | 34.6 | 33.1 | -0.0116 | 0.5121 | -0.0087 | 0.4919 | 0.1297 | 0.8547 | 0.106  | 1.0905 |
| 1704 | 33.5 | 33.1 | -0.012  | 0.5111 | -0.009  | 0.4902 | 0.1124 | 0.8793 | 0.1117 | 1.1034 |
| 1705 | 35.6 | 33.1 | -0.0121 | 0.5108 | -0.0093 | 0.4894 | 0.0961 | 0.8944 | 0.1117 | 1.1022 |
| 1706 | 33.4 | 33.2 | -0.0117 | 0.5093 | -0.0095 | 0.4881 | 0.1135 | 0.8878 | 0.1076 | 1.1089 |
| 1707 | 33.6 | 33.2 | -0.0122 | 0.5092 | -0.0097 | 0.4872 | 0.1327 | 0.8714 | 0.1054 | 1.1094 |
| 1708 | 33.6 | 33.2 | -0.0127 | 0.508  | -0.0097 | 0.4856 | 0.1387 | 0.8537 | 0.1021 | 1.0945 |
| 1709 | 32.7 | 33.2 | -0.0126 | 0.507  | -0.0099 | 0.4845 | 0.1367 | 0.8578 | 0.1006 | 1.0951 |
| 1710 | 31.9 | 33.3 | -0.0121 | 0.5063 | -0.0102 | 0.4839 | 0.1292 | 0.8669 | 0.0947 | 1.0909 |
| 1711 | 32.7 | 33.4 | -0.0121 | 0.505  | -0.0105 | 0.4825 | 0.1045 | 0.8781 | 0.0956 | 1.0781 |
| 1712 | 33.2 | 33.3 | -0.0125 | 0.5042 | -0.0103 | 0.4815 | 0.1008 | 0.8793 | 0.0959 | 1.076  |
| 1713 | 31.8 | 33.3 | -0.0129 | 0.5038 | -0.0103 | 0.4806 | 0.0994 | 0.866  | 0.1009 | 1.0663 |
| 1714 | 32.7 | 33.3 | -0.0136 | 0.5032 | -0.0109 | 0.4788 | 0.1031 | 0.8522 | 0.0992 | 1.0545 |
| 1715 | 33.4 | 33.3 | -0.0146 | 0.5026 | -0.0108 | 0.4772 | 0.0923 | 0.8655 | 0.0992 | 1.0569 |
| 1716 | 34.3 | 33.3 | -0.0156 | 0.5029 | -0.0105 | 0.4768 | 0.1007 | 0.8613 | 0.0952 | 1.0572 |
| 1717 | 32.9 | 33.4 | -0.0159 | 0.5028 | -0.0106 | 0.4762 | 0.1189 | 0.8582 | 0.0868 | 1.0638 |
| 1718 | 32.1 | 33.4 | -0.0163 | 0.5019 | -0.011  | 0.4746 | 0.1435 | 0.8364 | 0.0915 | 1.0714 |
| 1719 | 33.8 | 33.4 | -0.0179 | 0.5011 | -0.0108 | 0.4724 | 0.1595 | 0.821  | 0.094  | 1.0744 |
| 1720 | 33.7 | 33.4 | -0.0188 | 0.4999 | -0.0107 | 0.4704 | 0.1562 | 0.8173 | 0.0963 | 1.0698 |
| 1721 | 32.7 | 33.5 | -0.0197 | 0.4992 | -0.0105 | 0.469  | 0.147  | 0.8172 | 0.0925 | 1.0567 |
| 1722 | 34   | 33.4 | -0.0199 | 0.4981 | -0.0107 | 0.4675 | 0.1337 | 0.8143 | 0.0894 | 1.0374 |
| 1723 | 33.8 | 33.5 | -0.0193 | 0.4969 | -0.0108 | 0.4667 | 0.121  | 0.8123 | 0.087  | 1.0204 |
| 1724 | 35.4 | 33.5 | -0.0187 | 0.4956 | -0.011  | 0.4659 | 0.1117 | 0.8206 | 0.0856 | 1.0179 |
| 1725 | 34.9 | 33.4 | -0.0185 | 0.4954 | -0.0111 | 0.4657 | 0.1034 | 0.8144 | 0.0862 | 1.0039 |
| 1726 | 34.2 | 33.4 | -0.0185 | 0.4951 | -0.0115 | 0.4651 | 0.0967 | 0.8041 | 0.0855 | 0.9863 |
| 1727 | 33.4 | 33.4 | -0.0181 | 0.4934 | -0.0117 | 0.4635 | 0.0845 | 0.7985 | 0.0848 | 0.9679 |
| 1728 | 32.9 | 33.4 | -0.0179 | 0.4914 | -0.0113 | 0.4622 | 0.093  | 0.7955 | 0.0729 | 0.9614 |
| 1729 | 32.6 | 33.2 | -0.0166 | 0.4901 | -0.0112 | 0.4624 | 0.0933 | 0.7855 | 0.0778 | 0.9565 |
| 1730 | 33.6 | 33   | -0.0159 | 0.4895 | -0.0115 | 0.4622 | 0.0911 | 0.7869 | 0.075  | 0.953  |



|      |      |      |         |        |         |        |        |        |        |        |
|------|------|------|---------|--------|---------|--------|--------|--------|--------|--------|
| 1731 | 32.5 | 32.9 | -0.0165 | 0.4889 | -0.0121 | 0.4603 | 0.0907 | 0.7771 | 0.0659 | 0.9337 |
| 1732 | 33.2 | 32.8 | -0.0169 | 0.4881 | -0.0118 | 0.4595 | 0.0878 | 0.7753 | 0.0635 | 0.9267 |
| 1733 | 33.1 | 32.6 | -0.0166 | 0.4878 | -0.0114 | 0.4598 | 0.0925 | 0.7776 | 0.0675 | 0.9377 |
| 1734 | 31.9 | 32.4 | -0.0168 | 0.4881 | -0.0115 | 0.4598 | 0.1048 | 0.7754 | 0.0707 | 0.951  |
| 1735 | 33.7 | 32.3 | -0.0168 | 0.488  | -0.0114 | 0.4598 | 0.102  | 0.7745 | 0.0729 | 0.9494 |
| 1736 | 32.6 | 32.2 | -0.0178 | 0.4875 | -0.0114 | 0.4583 | 0.0942 | 0.7738 | 0.0754 | 0.9435 |
| 1737 | 31.6 | 32.1 | -0.0187 | 0.487  | -0.0117 | 0.4566 | 0.0952 | 0.7791 | 0.0684 | 0.9427 |
| 1738 | 30.6 | 32.1 | -0.0202 | 0.4858 | -0.0121 | 0.4535 | 0.097  | 0.7802 | 0.0685 | 0.9457 |
| 1739 | 30.6 | 32.1 | -0.0224 | 0.4854 | -0.0126 | 0.4505 | 0.0911 | 0.7894 | 0.0747 | 0.9552 |
| 1740 | 30.7 | 32   | -0.0235 | 0.4847 | -0.0134 | 0.4478 | 0.0964 | 0.7846 | 0.0766 | 0.9575 |
| 1741 | 31.2 | 32.1 | -0.0232 | 0.4839 | -0.0139 | 0.4468 | 0.104  | 0.7798 | 0.0788 | 0.9626 |
| 1742 | 30.7 | 32.2 | -0.0229 | 0.4827 | -0.0143 | 0.4454 | 0.114  | 0.7602 | 0.0792 | 0.9535 |
| 1743 | 31.5 | 32.2 | -0.0222 | 0.4804 | -0.0147 | 0.4435 | 0.1195 | 0.7691 | 0.0895 | 0.9782 |
| 1744 | 32.6 | 32.1 | -0.0213 | 0.4789 | -0.0147 | 0.4429 | 0.1129 | 0.7715 | 0.0894 | 0.9738 |
| 1745 | 33.1 | 32   | -0.0199 | 0.4774 | -0.0144 | 0.4431 | 0.098  | 0.7702 | 0.0922 | 0.9603 |
| 1746 | 31.6 | 31.8 | -0.0188 | 0.4758 | -0.0138 | 0.4433 | 0.0969 | 0.7771 | 0.0961 | 0.97   |
| 1747 | 33   | 31.7 | -0.0181 | 0.4756 | -0.013  | 0.4445 | 0.0984 | 0.7628 | 0.0934 | 0.9546 |
| 1748 | 32.2 | 31.6 | -0.0188 | 0.4757 | -0.0128 | 0.4441 | 0.1043 | 0.7508 | 0.0888 | 0.944  |
| 1749 | 31.6 | 31.5 | -0.0195 | 0.4764 | -0.0128 | 0.4441 | 0.1076 | 0.742  | 0.0849 | 0.9344 |
| 1750 | 35.2 | 31.5 | -0.0192 | 0.4762 | -0.0127 | 0.4443 | 0.1107 | 0.739  | 0.0864 | 0.936  |
| 1751 | 33.4 | 31.5 | -0.0194 | 0.4756 | -0.0126 | 0.4435 | 0.118  | 0.7332 | 0.0878 | 0.939  |
| 1752 | 33.1 | 31.4 | -0.0197 | 0.4751 | -0.0129 | 0.4424 | 0.1243 | 0.7346 | 0.0852 | 0.9441 |
| 1753 | 31.6 | 31.3 | -0.0198 | 0.4742 | -0.0136 | 0.4408 | 0.1246 | 0.7318 | 0.0822 | 0.9386 |
| 1754 | 30.6 | 31.1 | -0.0201 | 0.473  | -0.0139 | 0.439  | 0.1211 | 0.7282 | 0.0819 | 0.9312 |
| 1755 | 29.9 | 31   | -0.0214 | 0.4725 | -0.014  | 0.4371 | 0.1177 | 0.7255 | 0.0802 | 0.9234 |
| 1756 | 29.2 | 31.1 | -0.0223 | 0.4723 | -0.0142 | 0.4358 | 0.1182 | 0.7297 | 0.0776 | 0.9255 |
| 1757 | 28.9 | 31   | -0.0223 | 0.4718 | -0.014  | 0.4354 | 0.1237 | 0.7216 | 0.0761 | 0.9213 |
| 1758 | 29.3 | 30.9 | -0.0219 | 0.4703 | -0.0139 | 0.4345 | 0.1195 | 0.7275 | 0.0747 | 0.9217 |
| 1759 | 30.4 | 30.8 | -0.0207 | 0.4689 | -0.0137 | 0.4345 | 0.1156 | 0.7227 | 0.0753 | 0.9136 |
| 1760 | 30.4 | 30.6 | -0.0187 | 0.4675 | -0.014  | 0.4348 | 0.1179 | 0.7199 | 0.0737 | 0.9115 |
| 1761 | 29.9 | 30.4 | -0.0186 | 0.4672 | -0.0143 | 0.4343 | 0.1246 | 0.7196 | 0.0716 | 0.9157 |
| 1762 | 28.8 | 30.2 | -0.0179 | 0.4668 | -0.0144 | 0.4345 | 0.1267 | 0.714  | 0.0694 | 0.9101 |
| 1763 | 29.7 | 30   | -0.018  | 0.4666 | -0.0141 | 0.4345 | 0.123  | 0.713  | 0.0727 | 0.9086 |
| 1764 | 30.9 | 30   | -0.0177 | 0.4653 | -0.0141 | 0.4335 | 0.1197 | 0.7161 | 0.0729 | 0.9086 |
| 1765 | 31.9 | 30   | -0.0189 | 0.4644 | -0.0138 | 0.4317 | 0.1137 | 0.7179 | 0.0668 | 0.8984 |
| 1766 | 31.6 | 30   | -0.0203 | 0.4641 | -0.0135 | 0.4303 | 0.1029 | 0.7193 | 0.0686 | 0.8908 |
| 1767 | 30.6 | 30   | -0.022  | 0.4644 | -0.0141 | 0.4284 | 0.0926 | 0.7305 | 0.0728 | 0.8958 |

|      |      |      |         |        |         |        |         |        |        |        |
|------|------|------|---------|--------|---------|--------|---------|--------|--------|--------|
| 1768 | 30.4 | 29.9 | -0.0229 | 0.4637 | -0.0143 | 0.4266 | 0.089   | 0.7383 | 0.0723 | 0.8997 |
| 1769 | 30.3 | 29.8 | -0.0237 | 0.4633 | -0.0142 | 0.4254 | 0.0856  | 0.7368 | 0.0687 | 0.891  |
| 1770 | 29.4 | 29.7 | -0.0237 | 0.4625 | -0.014  | 0.4248 | 0.0666  | 0.7358 | 0.0727 | 0.8751 |
| 1771 | 29.1 | 29.7 | -0.0236 | 0.4614 | -0.0143 | 0.4236 | 0.0571  | 0.7296 | 0.0743 | 0.8611 |
| 1772 | 29   | 29.6 | -0.0235 | 0.461  | -0.0144 | 0.423  | 0.046   | 0.7304 | 0.0778 | 0.8543 |
| 1773 | 30   | 29.5 | -0.0238 | 0.4596 | -0.0143 | 0.4215 | 0.0445  | 0.7258 | 0.0762 | 0.8465 |
| 1774 | 29.5 | 29.5 | -0.0238 | 0.4588 | -0.0144 | 0.4205 | 0.0523  | 0.7192 | 0.0755 | 0.8471 |
| 1775 | 29.5 | 29.4 | -0.0236 | 0.4585 | -0.0147 | 0.4202 | 0.0608  | 0.712  | 0.074  | 0.8468 |
| 1776 | 28.5 | 29.2 | -0.0234 | 0.4578 | -0.0148 | 0.4196 | 0.0643  | 0.7185 | 0.0736 | 0.8563 |
| 1777 | 28.2 | 29.2 | -0.0231 | 0.4572 | -0.0147 | 0.4194 | 0.0647  | 0.7238 | 0.0702 | 0.8586 |
| 1778 | 29.1 | 29.1 | -0.0235 | 0.457  | -0.0154 | 0.4181 | 0.0711  | 0.711  | 0.0674 | 0.8495 |
| 1779 | 28.3 | 29.1 | -0.0237 | 0.4558 | -0.0152 | 0.4169 | 0.0755  | 0.6937 | 0.0743 | 0.8435 |
| 1780 | 29   | 29   | -0.0241 | 0.4555 | -0.0145 | 0.417  | 0.0954  | 0.6847 | 0.0773 | 0.8574 |
| 1781 | 27.4 | 29   | -0.0238 | 0.4544 | -0.0142 | 0.4165 | 0.1067  | 0.6859 | 0.0741 | 0.8666 |
| 1782 | 28.5 | 28.9 | -0.0237 | 0.4535 | -0.0144 | 0.4154 | 0.0994  | 0.6865 | 0.0658 | 0.8517 |
| 1783 | 30.1 | 28.9 | -0.0235 | 0.4526 | -0.0145 | 0.4146 | 0.0952  | 0.6859 | 0.071  | 0.8521 |
| 1784 | 29.2 | 28.8 | -0.023  | 0.4517 | -0.0144 | 0.4144 | 0.1012  | 0.6915 | 0.0777 | 0.8703 |
| 1785 | 29.2 | 28.8 | -0.0229 | 0.4509 | -0.0143 | 0.4137 | 0.0992  | 0.7058 | 0.0781 | 0.8831 |
| 1786 | 29   | 28.8 | -0.0228 | 0.4502 | -0.0141 | 0.4132 | 0.1003  | 0.7153 | 0.0807 | 0.8963 |
| 1787 | 28.8 | 28.8 | -0.0229 | 0.45   | -0.0142 | 0.4129 | 0.0868  | 0.7183 | 0.0816 | 0.8867 |
| 1788 | 30.2 | 28.9 | -0.0231 | 0.4494 | -0.0144 | 0.4119 | 0.0739  | 0.7226 | 0.0779 | 0.8743 |
| 1789 | 28.8 | 28.9 | -0.0235 | 0.4491 | -0.0146 | 0.411  | 0.05    | 0.7151 | 0.074  | 0.8392 |
| 1790 | 29   | 28.9 | -0.024  | 0.4494 | -0.0148 | 0.4106 | 0.0155  | 0.7201 | 0.0671 | 0.8027 |
| 1791 | 27.2 | 29   | -0.0239 | 0.4492 | -0.0148 | 0.4105 | -0.0027 | 0.7204 | 0.054  | 0.7717 |
| 1792 | 30.1 | 28.9 | -0.0235 | 0.4479 | -0.0155 | 0.4089 | 0.0026  | 0.7189 | 0.0462 | 0.7677 |
| 1793 | 26.8 | 28.9 | -0.0242 | 0.448  | -0.0155 | 0.4083 | 0.0074  | 0.7098 | 0.0397 | 0.7569 |
| 1794 | 29.6 | 28.9 | -0.0234 | 0.4468 | -0.0155 | 0.4079 | 0.0194  | 0.6829 | 0.0339 | 0.7362 |
| 1795 | 28   | 28.8 | -0.0226 | 0.4441 | -0.0157 | 0.4057 | 0.0364  | 0.6678 | 0.0352 | 0.7394 |
| 1796 | 28.8 | 28.9 | -0.0223 | 0.4434 | -0.0158 | 0.4052 | 0.0626  | 0.6531 | 0.041  | 0.7567 |
| 1797 | 30.3 | 29.1 | -0.0224 | 0.4427 | -0.016  | 0.4043 | 0.0843  | 0.6355 | 0.0535 | 0.7733 |
| 1798 | 28.7 | 29.2 | -0.0224 | 0.4421 | -0.016  | 0.4037 | 0.0988  | 0.6431 | 0.0686 | 0.8105 |
| 1799 | 28.5 | 28.9 | -0.0227 | 0.4415 | -0.0164 | 0.4024 | 0.0867  | 0.6575 | 0.0738 | 0.8181 |
| 1800 | 29.6 | 29.6 | -0.0233 | 0.4415 | -0.0166 | 0.4015 | 0.0754  | 0.684  | 0.0754 | 0.8349 |