

|                           |                                                                                                                                                                                                                                                                                                                     |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Name                 | <b>OSB, WC, rep 1</b>                                                                                                                                                                                                                                                                                               |
| Cladding                  | <b>Oriented Strand Board (OSB)</b>                                                                                                                                                                                                                                                                                  |
| Cladding Thickness [mm]   | <b>11</b>                                                                                                                                                                                                                                                                                                           |
| Insulation                | <b>Water-cooled steel plate</b>                                                                                                                                                                                                                                                                                     |
| Insulation Thickness [mm] |                                                                                                                                                                                                                                                                                                                     |
| 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 an Oriented Strand Board (OSB) cladding panel and a Water-cooled steel plate insulation panel, separated with a cavity of 50 mm width. It is the first repetition of this system configuration.                                                                        |
| Experiment Notes          | At approximately 7 minutes the OSB panel began to touch the insulation panel, affecting the mass measurements. At approximately 11 minutes the OSB panel began to collapse, causing a sudden change in the mass measurements as debris fell into the debris tray, onto both load cells, or off the entire assembly. |
| Peak HRR [kW]             | <b>96.9</b>                                                                                                                                                                                                                                                                                                         |
| Time to Peak HRR [mins]   | <b>8.45</b>                                                                                                                                                                                                                                                                                                         |
| Residual HRR [kW]         | <b>8.52</b>                                                                                                                                                                                                                                                                                                         |
| Total HR [MJ]             | <b>47.4</b>                                                                                                                                                                                                                                                                                                         |
| Peak dQ/dt [kW/s]         | <b>0.546</b>                                                                                                                                                                                                                                                                                                        |
| Time to Peak dQ/dt [s]    | <b>8.07</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                | 0.356                            | 0.356                   | 4.0938                     | 0                          | 0.0024                    | 4.0962                | 0.4431                                       | 0                                            | 0.2053                                      | 0.6484                                  |
| 1                | 0.359                            | 0.398                   | 4.0925                     | 0                          | 0.0014                    | 4.0939                | 0.4498                                       | 0                                            | 0.1692                                      | 0.619                                   |
| 2                | 0.48                             | 0.726                   | 4.0912                     | 0                          | 0.0001                    | 4.0913                | 0.4575                                       | 0                                            | 0.1143                                      | 0.5718                                  |
| 3                | 0.932                            | 1.3                     | 4.0904                     | 0                          | -0.001                    | 4.0894                | 0.4636                                       | 0                                            | 0.0502                                      | 0.5138                                  |
| 4                | 1.5                              | 2.03                    | 4.0897                     | 0                          | -0.002                    | 4.0877                | 0.4695                                       | 0                                            | -0.0154                                     | 0.4541                                  |
| 5                | 2.24                             | 2.8                     | 4.0893                     | 0                          | -0.0027                   | 4.0865                | 0.4738                                       | 0                                            | -0.0618                                     | 0.412                                   |
| 6                | 3.25                             | 3.43                    | 4.0891                     | 0                          | -0.0037                   | 4.0854                | 0.4708                                       | 0                                            | -0.07                                       | 0.4008                                  |
| 7                | 4.12                             | 3.96                    | 4.0887                     | 0                          | -0.0056                   | 4.0831                | 0.4735                                       | 0                                            | -0.0984                                     | 0.3751                                  |
| 8                | 4.99                             | 4.42                    | 4.0887                     | 0                          | -0.0071                   | 4.0816                | 0.4802                                       | 0                                            | -0.125                                      | 0.3552                                  |
| 9                | 6.07                             | 4.81                    | 4.0894                     | 0                          | -0.0062                   | 4.0833                | 0.4908                                       | 0                                            | -0.131                                      | 0.3598                                  |
| 10               | 6.45                             | 5.22                    | 4.0901                     | 0                          | -0.006                    | 4.0841                | 0.4944                                       | 0                                            | -0.1047                                     | 0.3898                                  |
| 11               | 6.85                             | 5.63                    | 4.0904                     | 0                          | -0.0059                   | 4.0846                | 0.4933                                       | 0                                            | -0.0954                                     | 0.398                                   |
| 12               | 7.02                             | 6.05                    | 4.0906                     | 0                          | -0.0062                   | 4.0844                | 0.4953                                       | 0                                            | -0.0951                                     | 0.4001                                  |
| 13               | 7.19                             | 6.44                    | 4.0902                     | 0                          | -0.0069                   | 4.0833                | 0.5024                                       | 0                                            | -0.0816                                     | 0.4208                                  |
| 14               | 7.56                             | 6.82                    | 4.09                       | 0                          | -0.0078                   | 4.0822                | 0.5096                                       | 0                                            | -0.0658                                     | 0.4438                                  |
| 15               | 7.89                             | 7.18                    | 4.0903                     | 0                          | -0.0085                   | 4.0818                | 0.5167                                       | 0                                            | -0.0539                                     | 0.4628                                  |
| 16               | 7.92                             | 7.48                    | 4.0902                     | 0                          | -0.0082                   | 4.082                 | 0.5156                                       | 0                                            | -0.0558                                     | 0.4598                                  |
| 17               | 8.19                             | 7.75                    | 4.0903                     | 0                          | -0.0079                   | 4.0824                | 0.5191                                       | 0                                            | -0.0599                                     | 0.4592                                  |
| 18               | 7.94                             | 7.99                    | 4.0904                     | 0                          | -0.0083                   | 4.0821                | 0.5202                                       | 0                                            | -0.0414                                     | 0.4787                                  |
| 19               | 8.16                             | 8.18                    | 4.0902                     | 0                          | -0.007                    | 4.0832                | 0.521                                        | 0                                            | -0.0447                                     | 0.4763                                  |
| 20               | 8.26                             | 8.34                    | 4.0896                     | 0                          | -0.0079                   | 4.0817                | 0.5245                                       | 0                                            | -0.0611                                     | 0.4634                                  |
| 21               | 8.37                             | 8.5                     | 4.0893                     | 0                          | -0.0081                   | 4.0812                | 0.5285                                       | 0                                            | -0.0689                                     | 0.4596                                  |
| 22               | 8.48                             | 8.66                    | 4.0891                     | 0                          | -0.0079                   | 4.0813                | 0.5274                                       | 0                                            | -0.0763                                     | 0.4512                                  |
| 23               | 8.67                             | 8.77                    | 4.0888                     | 0                          | -0.0078                   | 4.081                 | 0.5274                                       | 0                                            | -0.0818                                     | 0.4455                                  |
| 24               | 8.99                             | 8.87                    | 4.0884                     | 0                          | -0.0073                   | 4.0811                | 0.5308                                       | 0                                            | -0.0537                                     | 0.4771                                  |
| 25               | 9.03                             | 9.01                    | 4.0879                     | 0                          | -0.0086                   | 4.0793                | 0.5373                                       | 0                                            | -0.0707                                     | 0.4666                                  |
| 26               | 9.29                             | 9.12                    | 4.0876                     | 0                          | -0.0083                   | 4.0793                | 0.5408                                       | 0                                            | -0.0653                                     | 0.4755                                  |
| 27               | 9.44                             | 9.22                    | 4.0872                     | 0                          | -0.0083                   | 4.0789                | 0.5416                                       | 0                                            | -0.0599                                     | 0.4818                                  |
| 28               | 9.68                             | 9.34                    | 4.0863                     | 0                          | -0.0086                   | 4.0777                | 0.5443                                       | 0                                            | -0.0559                                     | 0.4883                                  |

|    |      |      |        |   |         |        |        |   |         |        |
|----|------|------|--------|---|---------|--------|--------|---|---------|--------|
| 29 | 9.62 | 9.43 | 4.0854 | 0 | -0.0089 | 4.0764 | 0.5477 | 0 | -0.0568 | 0.4909 |
| 30 | 9.87 | 9.5  | 4.0844 | 0 | -0.0093 | 4.0752 | 0.5481 | 0 | -0.072  | 0.476  |
| 31 | 9.94 | 9.59 | 4.0835 | 0 | -0.009  | 4.0745 | 0.5501 | 0 | -0.0687 | 0.4814 |
| 32 | 9.3  | 9.63 | 4.0826 | 0 | -0.0081 | 4.0745 | 0.552  | 0 | -0.0636 | 0.4884 |
| 33 | 9.49 | 9.64 | 4.0814 | 0 | -0.0086 | 4.0728 | 0.5476 | 0 | -0.0587 | 0.4888 |
| 34 | 10.5 | 9.67 | 4.0803 | 0 | -0.0093 | 4.071  | 0.5483 | 0 | -0.0589 | 0.4894 |
| 35 | 9.97 | 9.7  | 4.0799 | 0 | -0.009  | 4.0709 | 0.5495 | 0 | -0.0539 | 0.4956 |
| 36 | 10.1 | 9.72 | 4.0794 | 0 | -0.0092 | 4.0702 | 0.5503 | 0 | -0.0455 | 0.5048 |
| 37 | 10.3 | 9.74 | 4.0789 | 0 | -0.0094 | 4.0695 | 0.5533 | 0 | -0.0411 | 0.5121 |
| 38 | 9.81 | 9.75 | 4.079  | 0 | -0.0101 | 4.0689 | 0.5579 | 0 | -0.0388 | 0.5191 |
| 39 | 9.6  | 9.74 | 4.0793 | 0 | -0.0106 | 4.0687 | 0.5604 | 0 | -0.0291 | 0.5313 |
| 40 | 10   | 9.73 | 4.0794 | 0 | -0.0106 | 4.0688 | 0.5667 | 0 | -0.0283 | 0.5384 |
| 41 | 9.25 | 9.7  | 4.0785 | 0 | -0.0105 | 4.068  | 0.5663 | 0 | -0.0415 | 0.5248 |
| 42 | 8.85 | 9.69 | 4.0776 | 0 | -0.0101 | 4.0675 | 0.5667 | 0 | -0.0407 | 0.526  |
| 43 | 9.6  | 9.69 | 4.0767 | 0 | -0.0063 | 4.0704 | 0.5673 | 0 | -0.0398 | 0.5275 |
| 44 | 9.58 | 9.66 | 4.076  | 0 | -0.0057 | 4.0703 | 0.5697 | 0 | -0.0594 | 0.5104 |
| 45 | 9.67 | 9.64 | 4.0753 | 0 | -0.0053 | 4.07   | 0.5717 | 0 | -0.0873 | 0.4844 |
| 46 | 9.96 | 9.62 | 4.0746 | 0 | -0.0047 | 4.0699 | 0.5718 | 0 | -0.1101 | 0.4617 |
| 47 | 9.76 | 9.6  | 4.074  | 0 | -0.0061 | 4.0679 | 0.5727 | 0 | -0.1197 | 0.453  |
| 48 | 9.52 | 9.59 | 4.0732 | 0 | -0.0069 | 4.0664 | 0.577  | 0 | -0.1064 | 0.4706 |
| 49 | 9.66 | 9.6  | 4.0725 | 0 | -0.0071 | 4.0655 | 0.5816 | 0 | -0.1071 | 0.4745 |
| 50 | 9.23 | 9.58 | 4.0717 | 0 | -0.0054 | 4.0663 | 0.5821 | 0 | -0.1212 | 0.4609 |
| 51 | 9.19 | 9.62 | 4.0709 | 0 | -0.0027 | 4.0681 | 0.5809 | 0 | -0.114  | 0.4669 |
| 52 | 9.57 | 9.68 | 4.0701 | 0 | 0.0005  | 4.0707 | 0.576  | 0 | -0.1247 | 0.4513 |
| 53 | 9.85 | 9.71 | 4.0693 | 0 | 0.004   | 4.0734 | 0.5722 | 0 | -0.1408 | 0.4315 |
| 54 | 9.72 | 9.74 | 4.0686 | 0 | 0.0066  | 4.0752 | 0.5726 | 0 | -0.1531 | 0.4194 |
| 55 | 9.59 | 9.8  | 4.0683 | 0 | 0.0071  | 4.0754 | 0.5708 | 0 | -0.1685 | 0.4023 |
| 56 | 9.97 | 9.82 | 4.0677 | 0 | 0.0088  | 4.0765 | 0.5662 | 0 | -0.181  | 0.3852 |
| 57 | 9.71 | 9.88 | 4.0668 | 0 | 0.0104  | 4.0773 | 0.5739 | 0 | -0.1678 | 0.4061 |
| 58 | 9.64 | 9.93 | 4.0657 | 0 | 0.0109  | 4.0767 | 0.5802 | 0 | -0.1855 | 0.3948 |
| 59 | 9.72 | 9.96 | 4.065  | 0 | 0.0095  | 4.0745 | 0.5911 | 0 | -0.1946 | 0.3964 |
| 60 | 9.95 | 10   | 4.0646 | 0 | 0.009   | 4.0736 | 0.6078 | 0 | -0.177  | 0.4308 |
| 61 | 10.1 | 10.1 | 4.064  | 0 | 0.0091  | 4.0731 | 0.6225 | 0 | -0.1806 | 0.4419 |
| 62 | 10.1 | 10.2 | 4.063  | 0 | 0.0083  | 4.0714 | 0.6309 | 0 | -0.1904 | 0.4406 |
| 63 | 10.2 | 10.2 | 4.0621 | 0 | 0.0074  | 4.0695 | 0.6393 | 0 | -0.1904 | 0.4489 |
| 64 | 10.8 | 10.3 | 4.0611 | 0 | 0.0067  | 4.0678 | 0.6529 | 0 | -0.196  | 0.4569 |
| 65 | 10.4 | 10.4 | 4.0607 | 0 | 0.0069  | 4.0675 | 0.6613 | 0 | -0.1945 | 0.4668 |

|     |      |      |        |   |        |        |        |   |         |        |
|-----|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 66  | 10.8 | 10.4 | 4.0599 | 0 | 0.0072 | 4.0671 | 0.675  | 0 | -0.2121 | 0.4629 |
| 67  | 10.5 | 10.5 | 4.0593 | 0 | 0.006  | 4.0653 | 0.6823 | 0 | -0.224  | 0.4583 |
| 68  | 10.3 | 10.6 | 4.0587 | 0 | 0.0063 | 4.065  | 0.6928 | 0 | -0.2233 | 0.4695 |
| 69  | 10.4 | 10.7 | 4.058  | 0 | 0.0075 | 4.0654 | 0.705  | 0 | -0.2103 | 0.4947 |
| 70  | 10.5 | 10.8 | 4.0572 | 0 | 0.0081 | 4.0653 | 0.7143 | 0 | -0.178  | 0.5363 |
| 71  | 10.9 | 10.9 | 4.0567 | 0 | 0.0087 | 4.0654 | 0.7185 | 0 | -0.182  | 0.5365 |
| 72  | 10.9 | 10.9 | 4.0562 | 0 | 0.0092 | 4.0654 | 0.7247 | 0 | -0.1674 | 0.5573 |
| 73  | 10.8 | 11   | 4.0554 | 0 | 0.0072 | 4.0626 | 0.7328 | 0 | -0.1628 | 0.57   |
| 74  | 11.2 | 11   | 4.0544 | 0 | 0.0085 | 4.0629 | 0.7365 | 0 | -0.1376 | 0.5989 |
| 75  | 11.2 | 11.1 | 4.0536 | 0 | 0.0082 | 4.0617 | 0.7432 | 0 | -0.1336 | 0.6097 |
| 76  | 11.3 | 11.1 | 4.053  | 0 | 0.0078 | 4.0608 | 0.7477 | 0 | -0.167  | 0.5807 |
| 77  | 11.6 | 11.1 | 4.0522 | 0 | 0.0076 | 4.0598 | 0.7551 | 0 | -0.174  | 0.5811 |
| 78  | 11.7 | 11.2 | 4.0514 | 0 | 0.0077 | 4.0591 | 0.7646 | 0 | -0.1743 | 0.5902 |
| 79  | 11.7 | 11.3 | 4.0508 | 0 | 0.009  | 4.0598 | 0.7718 | 0 | -0.1862 | 0.5856 |
| 80  | 11.6 | 11.4 | 4.0501 | 0 | 0.0088 | 4.0589 | 0.7763 | 0 | -0.1921 | 0.5841 |
| 81  | 10.9 | 11.4 | 4.0494 | 0 | 0.0084 | 4.0578 | 0.7766 | 0 | -0.2106 | 0.566  |
| 82  | 11.3 | 11.5 | 4.0492 | 0 | 0.0081 | 4.0573 | 0.7743 | 0 | -0.2282 | 0.5461 |
| 83  | 11.6 | 11.5 | 4.0486 | 0 | 0.0081 | 4.0568 | 0.7751 | 0 | -0.2201 | 0.555  |
| 84  | 11.2 | 11.6 | 4.048  | 0 | 0.0078 | 4.0558 | 0.7723 | 0 | -0.2281 | 0.5441 |
| 85  | 11   | 11.6 | 4.0474 | 0 | 0.0071 | 4.0545 | 0.7719 | 0 | -0.2436 | 0.5283 |
| 86  | 11.3 | 11.7 | 4.0466 | 0 | 0.0068 | 4.0533 | 0.7816 | 0 | -0.2543 | 0.5273 |
| 87  | 11.8 | 11.7 | 4.0456 | 0 | 0.0066 | 4.0522 | 0.7906 | 0 | -0.2753 | 0.5153 |
| 88  | 12.2 | 11.8 | 4.0448 | 0 | 0.0058 | 4.0506 | 0.798  | 0 | -0.2736 | 0.5245 |
| 89  | 11.9 | 11.8 | 4.0437 | 0 | 0.0057 | 4.0494 | 0.8093 | 0 | -0.2958 | 0.5135 |
| 90  | 12   | 11.8 | 4.0432 | 0 | 0.007  | 4.0501 | 0.8235 | 0 | -0.303  | 0.5205 |
| 91  | 11.6 | 12   | 4.0426 | 0 | 0.0069 | 4.0495 | 0.8364 | 0 | -0.3066 | 0.5298 |
| 92  | 12.1 | 12   | 4.0419 | 0 | 0.0069 | 4.0488 | 0.8381 | 0 | -0.3447 | 0.4934 |
| 93  | 12.2 | 12.1 | 4.0411 | 0 | 0.0088 | 4.0499 | 0.8379 | 0 | -0.3914 | 0.4464 |
| 94  | 12.1 | 12.1 | 4.0404 | 0 | 0.0115 | 4.0519 | 0.8378 | 0 | -0.3637 | 0.4741 |
| 95  | 12.3 | 12.2 | 4.0398 | 0 | 0.0138 | 4.0536 | 0.8411 | 0 | -0.3282 | 0.5129 |
| 96  | 12.6 | 12.2 | 4.0391 | 0 | 0.0148 | 4.0539 | 0.8448 | 0 | -0.3311 | 0.5137 |
| 97  | 12.2 | 12.2 | 4.0381 | 0 | 0.0136 | 4.0518 | 0.8481 | 0 | -0.3495 | 0.4985 |
| 98  | 12.1 | 12.3 | 4.0371 | 0 | 0.0138 | 4.0509 | 0.8537 | 0 | -0.3637 | 0.4901 |
| 99  | 12.6 | 12.3 | 4.0365 | 0 | 0.0153 | 4.0518 | 0.8562 | 0 | -0.355  | 0.5012 |
| 100 | 13.1 | 12.3 | 4.0357 | 0 | 0.0138 | 4.0495 | 0.8592 | 0 | -0.3442 | 0.5149 |
| 101 | 12.3 | 12.3 | 4.0348 | 0 | 0.0139 | 4.0487 | 0.8607 | 0 | -0.3185 | 0.5422 |
| 102 | 12.5 | 12.4 | 4.034  | 0 | 0.0142 | 4.0482 | 0.8618 | 0 | -0.2856 | 0.5763 |

|     |      |      |        |   |        |        |        |   |         |        |
|-----|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 103 | 12.7 | 12.4 | 4.0331 | 0 | 0.0143 | 4.0474 | 0.8672 | 0 | -0.2632 | 0.604  |
| 104 | 12.1 | 12.5 | 4.0326 | 0 | 0.0148 | 4.0474 | 0.8664 | 0 | -0.2118 | 0.6546 |
| 105 | 12.1 | 12.5 | 4.0326 | 0 | 0.0154 | 4.048  | 0.87   | 0 | -0.1977 | 0.6723 |
| 106 | 11.8 | 12.5 | 4.0317 | 0 | 0.0131 | 4.0448 | 0.8781 | 0 | -0.2091 | 0.669  |
| 107 | 12.5 | 12.5 | 4.0307 | 0 | 0.0129 | 4.0436 | 0.8826 | 0 | -0.2129 | 0.6698 |
| 108 | 11.8 | 12.6 | 4.0296 | 0 | 0.0123 | 4.042  | 0.8856 | 0 | -0.1962 | 0.6894 |
| 109 | 12   | 12.6 | 4.0287 | 0 | 0.0115 | 4.0402 | 0.8862 | 0 | -0.1852 | 0.701  |
| 110 | 12.7 | 12.7 | 4.0279 | 0 | 0.012  | 4.0399 | 0.8898 | 0 | -0.214  | 0.6758 |
| 111 | 13   | 12.7 | 4.0273 | 0 | 0.0132 | 4.0405 | 0.895  | 0 | -0.2391 | 0.6559 |
| 112 | 13.1 | 12.8 | 4.0266 | 0 | 0.0129 | 4.0395 | 0.8949 | 0 | -0.2127 | 0.6823 |
| 113 | 13.6 | 12.8 | 4.0249 | 0 | 0.0127 | 4.0376 | 0.8907 | 0 | -0.2064 | 0.6843 |
| 114 | 12.8 | 12.9 | 4.0239 | 0 | 0.0116 | 4.0355 | 0.8942 | 0 | -0.2163 | 0.6779 |
| 115 | 12.6 | 12.9 | 4.0228 | 0 | 0.0127 | 4.0355 | 0.8966 | 0 | -0.2127 | 0.6839 |
| 116 | 12.8 | 13   | 4.022  | 0 | 0.0142 | 4.0361 | 0.902  | 0 | -0.2271 | 0.6749 |
| 117 | 13.3 | 13   | 4.021  | 0 | 0.0144 | 4.0354 | 0.9046 | 0 | -0.236  | 0.6686 |
| 118 | 13.4 | 13.1 | 4.0199 | 0 | 0.0128 | 4.0327 | 0.912  | 0 | -0.2402 | 0.6719 |
| 119 | 13.4 | 13.2 | 4.0187 | 0 | 0.0108 | 4.0296 | 0.9231 | 0 | -0.2404 | 0.6827 |
| 120 | 13.7 | 13.3 | 4.0177 | 0 | 0.0103 | 4.028  | 0.9296 | 0 | -0.242  | 0.6876 |
| 121 | 13.2 | 13.3 | 4.0168 | 0 | 0.0087 | 4.0255 | 0.9399 | 0 | -0.2909 | 0.649  |
| 122 | 13.9 | 13.4 | 4.0158 | 0 | 0.0084 | 4.0243 | 0.9502 | 0 | -0.2433 | 0.7069 |
| 123 | 13.3 | 13.4 | 4.0151 | 0 | 0.006  | 4.0211 | 0.9623 | 0 | -0.2256 | 0.7367 |
| 124 | 13   | 13.5 | 4.0141 | 0 | 0.0061 | 4.0201 | 0.9709 | 0 | -0.2546 | 0.7163 |
| 125 | 13.2 | 13.6 | 4.0131 | 0 | 0.0081 | 4.0212 | 0.9721 | 0 | -0.2494 | 0.7227 |
| 126 | 13.1 | 13.7 | 4.0121 | 0 | 0.0091 | 4.0212 | 0.9722 | 0 | -0.2522 | 0.72   |
| 127 | 13   | 13.8 | 4.0107 | 0 | 0.0091 | 4.0199 | 0.9757 | 0 | -0.2572 | 0.7185 |
| 128 | 13.6 | 13.8 | 4.0091 | 0 | 0.01   | 4.0191 | 0.974  | 0 | -0.2819 | 0.6921 |
| 129 | 14.2 | 13.9 | 4.0077 | 0 | 0.0103 | 4.018  | 0.9795 | 0 | -0.2704 | 0.7091 |
| 130 | 13.8 | 13.9 | 4.0068 | 0 | 0.0118 | 4.0186 | 0.984  | 0 | -0.2501 | 0.7339 |
| 131 | 13.9 | 14   | 4.006  | 0 | 0.0139 | 4.0199 | 0.9927 | 0 | -0.284  | 0.7088 |
| 132 | 14.6 | 14   | 4.0051 | 0 | 0.0139 | 4.019  | 0.9979 | 0 | -0.2677 | 0.7302 |
| 133 | 14.5 | 14.1 | 4.0042 | 0 | 0.0142 | 4.0184 | 1.008  | 0 | -0.2487 | 0.7593 |
| 134 | 14.2 | 14.2 | 4.0031 | 0 | 0.0151 | 4.0182 | 1.0175 | 0 | -0.2502 | 0.7673 |
| 135 | 14.4 | 14.3 | 4.0017 | 0 | 0.0165 | 4.0182 | 1.0271 | 0 | -0.2407 | 0.7864 |
| 136 | 14.9 | 14.4 | 4.0003 | 0 | 0.0183 | 4.0186 | 1.0332 | 0 | -0.2311 | 0.8021 |
| 137 | 14.6 | 14.5 | 3.9991 | 0 | 0.0179 | 4.017  | 1.0392 | 0 | -0.2617 | 0.7775 |
| 138 | 13.9 | 14.5 | 3.998  | 0 | 0.0195 | 4.0175 | 1.0451 | 0 | -0.2659 | 0.7792 |
| 139 | 14.3 | 14.5 | 3.997  | 0 | 0.0197 | 4.0167 | 1.0537 | 0 | -0.2715 | 0.7822 |

|     |      |      |        |   |        |        |        |   |         |        |
|-----|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 140 | 14.7 | 14.5 | 3.9958 | 0 | 0.0201 | 4.0158 | 1.0582 | 0 | -0.2826 | 0.7755 |
| 141 | 14.7 | 14.5 | 3.9947 | 0 | 0.024  | 4.0187 | 1.0716 | 0 | -0.273  | 0.7986 |
| 142 | 14.7 | 14.6 | 3.9938 | 0 | 0.029  | 4.0229 | 1.0883 | 0 | -0.2653 | 0.823  |
| 143 | 14.9 | 14.6 | 3.993  | 0 | 0.0301 | 4.023  | 1.1055 | 0 | -0.2657 | 0.8398 |
| 144 | 14.7 | 14.7 | 3.9919 | 0 | 0.0271 | 4.019  | 1.1212 | 0 | -0.2241 | 0.8971 |
| 145 | 15.2 | 14.8 | 3.9909 | 0 | 0.0278 | 4.0187 | 1.1327 | 0 | -0.2151 | 0.9176 |
| 146 | 14.9 | 14.9 | 3.9898 | 0 | 0.0302 | 4.02   | 1.1572 | 0 | -0.1975 | 0.9597 |
| 147 | 13.9 | 15   | 3.9886 | 0 | 0.0303 | 4.0189 | 1.1731 | 0 | -0.1872 | 0.9859 |
| 148 | 14.2 | 15.1 | 3.9876 | 0 | 0.0286 | 4.0162 | 1.1825 | 0 | -0.2038 | 0.9787 |
| 149 | 14.4 | 15.2 | 3.9866 | 0 | 0.0274 | 4.014  | 1.1877 | 0 | -0.2043 | 0.9834 |
| 150 | 14.6 | 15.2 | 3.9857 | 0 | 0.0264 | 4.0121 | 1.193  | 0 | -0.1889 | 1.0041 |
| 151 | 15.3 | 15.3 | 3.9847 | 0 | 0.0258 | 4.0105 | 1.2022 | 0 | -0.2218 | 0.9804 |
| 152 | 15.6 | 15.4 | 3.9834 | 0 | 0.0269 | 4.0102 | 1.2097 | 0 | -0.2202 | 0.9896 |
| 153 | 15.8 | 15.5 | 3.9827 | 0 | 0.0252 | 4.0079 | 1.2145 | 0 | -0.2265 | 0.988  |
| 154 | 16.6 | 15.6 | 3.9816 | 0 | 0.0264 | 4.008  | 1.2303 | 0 | -0.2221 | 1.0082 |
| 155 | 16.3 | 15.6 | 3.9805 | 0 | 0.028  | 4.0085 | 1.2533 | 0 | -0.2491 | 1.0042 |
| 156 | 15.9 | 15.7 | 3.9794 | 0 | 0.0301 | 4.0095 | 1.277  | 0 | -0.2734 | 1.0036 |
| 157 | 15.7 | 15.8 | 3.9783 | 0 | 0.0301 | 4.0083 | 1.2869 | 0 | -0.2669 | 1.02   |
| 158 | 15.8 | 15.9 | 3.9771 | 0 | 0.0294 | 4.0066 | 1.3013 | 0 | -0.2182 | 1.0832 |
| 159 | 15.9 | 16   | 3.976  | 0 | 0.0309 | 4.0069 | 1.3139 | 0 | -0.2575 | 1.0564 |
| 160 | 16.2 | 16.1 | 3.9751 | 0 | 0.0329 | 4.008  | 1.3406 | 0 | -0.2619 | 1.0787 |
| 161 | 16.9 | 16.2 | 3.9745 | 0 | 0.0304 | 4.0048 | 1.3446 | 0 | -0.2614 | 1.0832 |
| 162 | 16.7 | 16.3 | 3.974  | 0 | 0.029  | 4.0029 | 1.3675 | 0 | -0.2616 | 1.1059 |
| 163 | 16.4 | 16.4 | 3.9727 | 0 | 0.029  | 4.0017 | 1.3872 | 0 | -0.2743 | 1.1129 |
| 164 | 15.5 | 16.4 | 3.9714 | 0 | 0.028  | 3.9994 | 1.3979 | 0 | -0.2662 | 1.1318 |
| 165 | 15.8 | 16.5 | 3.9705 | 0 | 0.0296 | 4      | 1.4182 | 0 | -0.2654 | 1.1528 |
| 166 | 16.5 | 16.5 | 3.9694 | 0 | 0.0308 | 4.0003 | 1.4304 | 0 | -0.2756 | 1.1548 |
| 167 | 16.7 | 16.6 | 3.9681 | 0 | 0.03   | 3.9981 | 1.4484 | 0 | -0.2632 | 1.1853 |
| 168 | 16.5 | 16.7 | 3.9664 | 0 | 0.0303 | 3.9967 | 1.4684 | 0 | -0.2572 | 1.2113 |
| 169 | 15.9 | 16.8 | 3.965  | 0 | 0.0317 | 3.9967 | 1.4828 | 0 | -0.2781 | 1.2047 |
| 170 | 16.3 | 16.8 | 3.9632 | 0 | 0.0372 | 4.0004 | 1.5029 | 0 | -0.3308 | 1.172  |
| 171 | 17.9 | 16.8 | 3.9617 | 0 | 0.033  | 3.9947 | 1.5296 | 0 | -0.3412 | 1.1883 |
| 172 | 17.6 | 16.8 | 3.96   | 0 | 0.0317 | 3.9917 | 1.5472 | 0 | -0.3445 | 1.2027 |
| 173 | 17.3 | 16.9 | 3.9583 | 0 | 0.0326 | 3.9909 | 1.5574 | 0 | -0.3448 | 1.2126 |
| 174 | 17.4 | 17   | 3.9572 | 0 | 0.0334 | 3.9906 | 1.5796 | 0 | -0.3701 | 1.2095 |
| 175 | 17.5 | 17.2 | 3.9564 | 0 | 0.0334 | 3.9897 | 1.5895 | 0 | -0.3353 | 1.2543 |
| 176 | 17.4 | 17.3 | 3.9554 | 0 | 0.0335 | 3.9889 | 1.6033 | 0 | -0.3274 | 1.2759 |

|     |      |      |        |   |        |        |        |   |         |        |
|-----|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 177 | 17   | 17.3 | 3.9548 | 0 | 0.0357 | 3.9906 | 1.6173 | 0 | -0.3223 | 1.2949 |
| 178 | 17.1 | 17.4 | 3.9535 | 0 | 0.0347 | 3.9882 | 1.6332 | 0 | -0.3179 | 1.3153 |
| 179 | 16.4 | 17.5 | 3.9524 | 0 | 0.034  | 3.9864 | 1.6422 | 0 | -0.3077 | 1.3346 |
| 180 | 17.3 | 17.7 | 3.9509 | 0 | 0.0372 | 3.988  | 1.6497 | 0 | -0.3074 | 1.3424 |
| 181 | 17.7 | 17.7 | 3.9496 | 0 | 0.0352 | 3.9848 | 1.6611 | 0 | -0.2959 | 1.3652 |
| 182 | 17.7 | 17.8 | 3.9484 | 0 | 0.0329 | 3.9814 | 1.6795 | 0 | -0.2773 | 1.4021 |
| 183 | 18   | 18   | 3.9469 | 0 | 0.0332 | 3.98   | 1.6923 | 0 | -0.2665 | 1.4258 |
| 184 | 18.5 | 18.1 | 3.9453 | 0 | 0.0319 | 3.9771 | 1.7309 | 0 | -0.2693 | 1.4616 |
| 185 | 18   | 18.2 | 3.944  | 0 | 0.0302 | 3.9743 | 1.746  | 0 | -0.2549 | 1.4911 |
| 186 | 18   | 18.3 | 3.9426 | 0 | 0.0329 | 3.9756 | 1.7613 | 0 | -0.2412 | 1.5201 |
| 187 | 18.1 | 18.5 | 3.9411 | 0 | 0.0332 | 3.9743 | 1.7797 | 0 | -0.2187 | 1.561  |
| 188 | 18.5 | 18.7 | 3.9394 | 0 | 0.0329 | 3.9724 | 1.7993 | 0 | -0.2283 | 1.571  |
| 189 | 18.7 | 18.9 | 3.9379 | 0 | 0.034  | 3.9719 | 1.8217 | 0 | -0.2228 | 1.5989 |
| 190 | 18.9 | 19   | 3.936  | 0 | 0.0343 | 3.9703 | 1.8447 | 0 | -0.2163 | 1.6284 |
| 191 | 19.6 | 19.2 | 3.9337 | 0 | 0.0335 | 3.9672 | 1.858  | 0 | -0.2059 | 1.6521 |
| 192 | 20.4 | 19.3 | 3.9314 | 0 | 0.0335 | 3.9648 | 1.8845 | 0 | -0.1808 | 1.7038 |
| 193 | 20   | 19.4 | 3.929  | 0 | 0.0312 | 3.9602 | 1.9009 | 0 | -0.1088 | 1.7921 |
| 194 | 19.3 | 19.5 | 3.9271 | 0 | 0.033  | 3.9601 | 1.9223 | 0 | -0.0458 | 1.8764 |
| 195 | 19.3 | 19.7 | 3.9241 | 0 | 0.0335 | 3.9576 | 1.9576 | 0 | -0.0829 | 1.8747 |
| 196 | 19.7 | 19.9 | 3.9218 | 0 | 0.0335 | 3.9554 | 1.9791 | 0 | -0.0939 | 1.8852 |
| 197 | 20.3 | 20.1 | 3.9199 | 0 | 0.034  | 3.9539 | 1.9999 | 0 | -0.0659 | 1.9339 |
| 198 | 20.7 | 20.4 | 3.9183 | 0 | 0.0342 | 3.9526 | 2.0235 | 0 | -0.051  | 1.9725 |
| 199 | 20.4 | 20.6 | 3.9172 | 0 | 0.0342 | 3.9514 | 2.0431 | 0 | -0.0556 | 1.9875 |
| 200 | 20.1 | 20.8 | 3.9155 | 0 | 0.036  | 3.9515 | 2.0803 | 0 | -0.0483 | 2.032  |
| 201 | 20.2 | 21   | 3.9139 | 0 | 0.0359 | 3.9498 | 2.1144 | 0 | -0.0558 | 2.0585 |
| 202 | 20.5 | 21.2 | 3.9125 | 0 | 0.0369 | 3.9494 | 2.1439 | 0 | -0.0756 | 2.0683 |
| 203 | 20.4 | 21.5 | 3.9101 | 0 | 0.0365 | 3.9466 | 2.1645 | 0 | -0.002  | 2.1625 |
| 204 | 21.1 | 21.7 | 3.9073 | 0 | 0.0398 | 3.947  | 2.1951 | 0 | -0.0418 | 2.1532 |
| 205 | 21.7 | 22   | 3.9049 | 0 | 0.0427 | 3.9477 | 2.2265 | 0 | -0.0678 | 2.1587 |
| 206 | 21.9 | 22.2 | 3.903  | 0 | 0.0398 | 3.9428 | 2.261  | 0 | -0.0567 | 2.2043 |
| 207 | 23.3 | 22.5 | 3.9005 | 0 | 0.0347 | 3.9353 | 2.2962 | 0 | -0.0519 | 2.2443 |
| 208 | 23.8 | 22.6 | 3.8982 | 0 | 0.0381 | 3.9363 | 2.324  | 0 | -0.113  | 2.211  |
| 209 | 23   | 22.8 | 3.8946 | 0 | 0.0377 | 3.9323 | 2.3441 | 0 | -0.1235 | 2.2205 |
| 210 | 23.4 | 23   | 3.8934 | 0 | 0.0382 | 3.9316 | 2.3795 | 0 | -0.1226 | 2.2569 |
| 211 | 24.2 | 23.3 | 3.8906 | 0 | 0.0393 | 3.9299 | 2.4053 | 0 | -0.1037 | 2.3016 |
| 212 | 24.4 | 23.5 | 3.8879 | 0 | 0.0403 | 3.9282 | 2.4425 | 0 | -0.1022 | 2.3403 |
| 213 | 24.1 | 23.7 | 3.8851 | 0 | 0.0393 | 3.9245 | 2.4778 | 0 | -0.1146 | 2.3633 |

|     |      |      |        |   |        |        |        |   |         |        |
|-----|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 214 | 24.1 | 24   | 3.8821 | 0 | 0.0381 | 3.9202 | 2.5047 | 0 | -0.1302 | 2.3745 |
| 215 | 24.6 | 24.1 | 3.8798 | 0 | 0.0402 | 3.9201 | 2.5418 | 0 | -0.1164 | 2.4254 |
| 216 | 24.9 | 24.4 | 3.8771 | 0 | 0.0405 | 3.9176 | 2.5846 | 0 | -0.0445 | 2.5401 |
| 217 | 24   | 24.6 | 3.8742 | 0 | 0.0401 | 3.9143 | 2.6229 | 0 | -0.1141 | 2.5088 |
| 218 | 23.9 | 24.7 | 3.8716 | 0 | 0.0406 | 3.9122 | 2.6352 | 0 | -0.1325 | 2.5027 |
| 219 | 24.1 | 24.9 | 3.8684 | 0 | 0.0439 | 3.9124 | 2.6684 | 0 | -0.1089 | 2.5596 |
| 220 | 24.2 | 25.1 | 3.8648 | 0 | 0.0444 | 3.9092 | 2.7036 | 0 | -0.0589 | 2.6447 |
| 221 | 24.6 | 25.3 | 3.8621 | 0 | 0.0431 | 3.9052 | 2.7357 | 0 | -0.0001 | 2.7356 |
| 222 | 25.3 | 25.5 | 3.8601 | 0 | 0.0429 | 3.903  | 2.7704 | 0 | -0.0417 | 2.7286 |
| 223 | 25.6 | 25.7 | 3.8572 | 0 | 0.043  | 3.9002 | 2.7996 | 0 | -0.0272 | 2.7724 |
| 224 | 24.9 | 25.9 | 3.8551 | 0 | 0.0396 | 3.8947 | 2.835  | 0 | -0.038  | 2.797  |
| 225 | 27.5 | 26.2 | 3.8528 | 0 | 0.0409 | 3.8936 | 2.883  | 0 | -0.0396 | 2.8434 |
| 226 | 26.2 | 26.4 | 3.8504 | 0 | 0.0413 | 3.8917 | 2.9237 | 0 | -0.0437 | 2.88   |
| 227 | 26.4 | 26.8 | 3.8474 | 0 | 0.0409 | 3.8883 | 2.9582 | 0 | -0.0622 | 2.896  |
| 228 | 26.9 | 27.1 | 3.8449 | 0 | 0.0408 | 3.8857 | 2.9977 | 0 | -0.0799 | 2.9178 |
| 229 | 27.1 | 27.4 | 3.8428 | 0 | 0.041  | 3.8838 | 3.0292 | 0 | -0.1199 | 2.9093 |
| 230 | 27.5 | 27.7 | 3.8407 | 0 | 0.0414 | 3.882  | 3.0611 | 0 | -0.139  | 2.922  |
| 231 | 28.9 | 28   | 3.8381 | 0 | 0.0416 | 3.8797 | 3.0914 | 0 | -0.1114 | 2.98   |
| 232 | 27.8 | 28.3 | 3.8358 | 0 | 0.0405 | 3.8764 | 3.133  | 0 | -0.135  | 2.998  |
| 233 | 28.1 | 28.6 | 3.8311 | 0 | 0.0411 | 3.8722 | 3.1648 | 0 | -0.1544 | 3.0104 |
| 234 | 29.3 | 29   | 3.8285 | 0 | 0.0406 | 3.8691 | 3.1846 | 0 | -0.1344 | 3.0502 |
| 235 | 29.9 | 29.4 | 3.8256 | 0 | 0.0406 | 3.8662 | 3.2106 | 0 | -0.1772 | 3.0334 |
| 236 | 30.4 | 29.9 | 3.8223 | 0 | 0.0402 | 3.8625 | 3.2403 | 0 | -0.0865 | 3.1538 |
| 237 | 30.5 | 30.3 | 3.8192 | 0 | 0.0408 | 3.8599 | 3.2669 | 0 | -0.0902 | 3.1767 |
| 238 | 29.8 | 30.8 | 3.8159 | 0 | 0.0418 | 3.8577 | 3.2945 | 0 | -0.1019 | 3.1925 |
| 239 | 29.5 | 31.2 | 3.8125 | 0 | 0.0413 | 3.8539 | 3.3197 | 0 | -0.0891 | 3.2306 |
| 240 | 30.8 | 31.6 | 3.8099 | 0 | 0.0407 | 3.8506 | 3.341  | 0 | -0.0823 | 3.2587 |
| 241 | 30.9 | 32   | 3.8062 | 0 | 0.0421 | 3.8483 | 3.3604 | 0 | -0.0628 | 3.2975 |
| 242 | 30.8 | 32.5 | 3.8037 | 0 | 0.0399 | 3.8437 | 3.3871 | 0 | -0.0635 | 3.3236 |
| 243 | 33.4 | 33   | 3.8007 | 0 | 0.0346 | 3.8354 | 3.3943 | 0 | -0.0432 | 3.3511 |
| 244 | 35.1 | 33.4 | 3.7962 | 0 | 0.0354 | 3.8316 | 3.4131 | 0 | -0.0593 | 3.3538 |
| 245 | 34.8 | 33.8 | 3.7929 | 0 | 0.0372 | 3.8301 | 3.4348 | 0 | -0.04   | 3.3948 |
| 246 | 35   | 34.2 | 3.7898 | 0 | 0.0368 | 3.8266 | 3.4503 | 0 | -0.033  | 3.4174 |
| 247 | 35.7 | 34.6 | 3.7863 | 0 | 0.0354 | 3.8217 | 3.4808 | 0 | -0.0309 | 3.45   |
| 248 | 34.9 | 35.1 | 3.7833 | 0 | 0.0342 | 3.8175 | 3.5104 | 0 | -0.0304 | 3.48   |
| 249 | 34.2 | 35.7 | 3.7786 | 0 | 0.0322 | 3.8108 | 3.5562 | 0 | -0.0315 | 3.5247 |
| 250 | 37.2 | 36.3 | 3.7742 | 0 | 0.032  | 3.8062 | 3.5891 | 0 | -0.0296 | 3.5595 |

|     |      |      |        |   |        |        |        |   |         |        |
|-----|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 251 | 37.8 | 36.8 | 3.7703 | 0 | 0.0334 | 3.8037 | 3.6062 | 0 | -0.0149 | 3.5913 |
| 252 | 36.5 | 37.4 | 3.7669 | 0 | 0.0271 | 3.794  | 3.6297 | 0 | -0.0184 | 3.6113 |
| 253 | 36.8 | 37.7 | 3.7632 | 0 | 0.0294 | 3.7926 | 3.6637 | 0 | 0.0053  | 3.6691 |
| 254 | 38.1 | 38.1 | 3.759  | 0 | 0.0331 | 3.7921 | 3.6922 | 0 | 0.0847  | 3.7768 |
| 255 | 38.8 | 38.5 | 3.7544 | 0 | 0.0337 | 3.7881 | 3.7294 | 0 | -0.0251 | 3.7043 |
| 256 | 38.5 | 39   | 3.7498 | 0 | 0.0353 | 3.7851 | 3.7519 | 0 | 0.0511  | 3.803  |
| 257 | 38.8 | 39.3 | 3.7459 | 0 | 0.0414 | 3.7872 | 3.7762 | 0 | 0.0651  | 3.8413 |
| 258 | 40.7 | 39.7 | 3.7427 | 0 | 0.0418 | 3.7845 | 3.8064 | 0 | -0.0279 | 3.7785 |
| 259 | 41.7 | 40.2 | 3.7381 | 0 | 0.0431 | 3.7812 | 3.8389 | 0 | 0.0024  | 3.8414 |
| 260 | 41.3 | 40.6 | 3.7346 | 0 | 0.0433 | 3.7779 | 3.85   | 0 | -0.0106 | 3.8394 |
| 261 | 40.6 | 41   | 3.7302 | 0 | 0.0406 | 3.7708 | 3.888  | 0 | -0.0035 | 3.8845 |
| 262 | 40.9 | 41.4 | 3.7262 | 0 | 0.0404 | 3.7666 | 3.9089 | 0 | 0.0187  | 3.9276 |
| 263 | 41.9 | 41.8 | 3.7222 | 0 | 0.0421 | 3.7642 | 3.9336 | 0 | 0.0316  | 3.9652 |
| 264 | 42.6 | 42.1 | 3.7173 | 0 | 0.0396 | 3.7569 | 3.9564 | 0 | 0.0147  | 3.9712 |
| 265 | 43.2 | 42.5 | 3.712  | 0 | 0.034  | 3.746  | 3.974  | 0 | 0.0001  | 3.9741 |
| 266 | 41.8 | 42.8 | 3.7072 | 0 | 0.0422 | 3.7494 | 4.0024 | 0 | 0.0411  | 4.0435 |
| 267 | 43.5 | 43.1 | 3.7046 | 0 | 0.0433 | 3.7479 | 4.0375 | 0 | 0.0559  | 4.0934 |
| 268 | 43.1 | 43.4 | 3.6996 | 0 | 0.0412 | 3.7408 | 4.0548 | 0 | 0.0542  | 4.1089 |
| 269 | 44.6 | 43.7 | 3.6946 | 0 | 0.0376 | 3.7322 | 4.0848 | 0 | 0.0556  | 4.1404 |
| 270 | 44.9 | 44.1 | 3.6896 | 0 | 0.0372 | 3.7268 | 4.1057 | 0 | 0.0572  | 4.1628 |
| 271 | 44.2 | 44.5 | 3.6847 | 0 | 0.0372 | 3.7218 | 4.1191 | 0 | 0.0826  | 4.2018 |
| 272 | 44.7 | 44.9 | 3.68   | 0 | 0.0344 | 3.7144 | 4.1478 | 0 | 0.0859  | 4.2337 |
| 273 | 44.7 | 45.5 | 3.6748 | 0 | 0.0364 | 3.7112 | 4.1842 | 0 | 0.0751  | 4.2594 |
| 274 | 46   | 45.8 | 3.6689 | 0 | 0.0374 | 3.7063 | 4.194  | 0 | 0.1649  | 4.3589 |
| 275 | 43.5 | 46.2 | 3.664  | 0 | 0.0378 | 3.7017 | 4.2085 | 0 | 0.13    | 4.3386 |
| 276 | 45.3 | 46.6 | 3.6596 | 0 | 0.0397 | 3.6993 | 4.2351 | 0 | 0.1575  | 4.3926 |
| 277 | 45.6 | 46.8 | 3.6551 | 0 | 0.0437 | 3.6988 | 4.2561 | 0 | 0.1779  | 4.434  |
| 278 | 48.4 | 47   | 3.6505 | 0 | 0.0467 | 3.6973 | 4.2787 | 0 | 0.1936  | 4.4724 |
| 279 | 49.2 | 47.1 | 3.6463 | 0 | 0.0479 | 3.6942 | 4.3029 | 0 | 0.2107  | 4.5135 |
| 280 | 47.6 | 47.3 | 3.6417 | 0 | 0.0483 | 3.69   | 4.3295 | 0 | 0.2346  | 4.564  |
| 281 | 49   | 47.5 | 3.6363 | 0 | 0.0487 | 3.685  | 4.3647 | 0 | 0.2701  | 4.6348 |
| 282 | 51.7 | 47.8 | 3.632  | 0 | 0.0484 | 3.6803 | 4.3902 | 0 | 0.2609  | 4.6512 |
| 283 | 48.8 | 47.9 | 3.6284 | 0 | 0.0466 | 3.675  | 4.3944 | 0 | 0.2617  | 4.6561 |
| 284 | 51.8 | 48.2 | 3.6242 | 0 | 0.0496 | 3.6738 | 4.3865 | 0 | 0.2672  | 4.6537 |
| 285 | 48.6 | 48.7 | 3.62   | 0 | 0.0389 | 3.6589 | 4.4088 | 0 | 0.2489  | 4.6576 |
| 286 | 47.6 | 49   | 3.6159 | 0 | 0.042  | 3.6579 | 4.428  | 0 | 0.263   | 4.691  |
| 287 | 46.6 | 49.1 | 3.6116 | 0 | 0.0434 | 3.655  | 4.4459 | 0 | 0.2783  | 4.7242 |

|     |      |      |        |   |        |        |        |   |        |        |
|-----|------|------|--------|---|--------|--------|--------|---|--------|--------|
| 288 | 46.7 | 49.1 | 3.6075 | 0 | 0.0418 | 3.6493 | 4.4685 | 0 | 0.2872 | 4.7557 |
| 289 | 48.3 | 49.1 | 3.6038 | 0 | 0.0422 | 3.646  | 4.4807 | 0 | 0.3581 | 4.8388 |
| 290 | 48.4 | 49.2 | 3.6    | 0 | 0.0406 | 3.6405 | 4.4849 | 0 | 0.3369 | 4.8218 |
| 291 | 49.6 | 49.3 | 3.595  | 0 | 0.0398 | 3.6348 | 4.5087 | 0 | 0.353  | 4.8617 |
| 292 | 47.9 | 49.3 | 3.592  | 0 | 0.0378 | 3.6297 | 4.5176 | 0 | 0.3769 | 4.8945 |
| 293 | 51.7 | 49.4 | 3.5877 | 0 | 0.0371 | 3.6248 | 4.5416 | 0 | 0.3422 | 4.8837 |
| 294 | 52.8 | 49.4 | 3.5836 | 0 | 0.037  | 3.6206 | 4.5589 | 0 | 0.2764 | 4.8353 |
| 295 | 50.8 | 49.7 | 3.579  | 0 | 0.0368 | 3.6159 | 4.5621 | 0 | 0.2773 | 4.8394 |
| 296 | 48.1 | 50.2 | 3.5737 | 0 | 0.0366 | 3.6104 | 4.5885 | 0 | 0.2816 | 4.87   |
| 297 | 48.2 | 50.6 | 3.5688 | 0 | 0.037  | 3.6059 | 4.6075 | 0 | 0.2335 | 4.841  |
| 298 | 48.8 | 51   | 3.5627 | 0 | 0.0374 | 3.6001 | 4.6252 | 0 | 0.2489 | 4.874  |
| 299 | 49.2 | 51.3 | 3.5583 | 0 | 0.0372 | 3.5954 | 4.6508 | 0 | 0.2411 | 4.8919 |
| 300 | 51.3 | 51.5 | 3.5549 | 0 | 0.0375 | 3.5923 | 4.6622 | 0 | 0.2183 | 4.8805 |
| 301 | 51.8 | 51.4 | 3.5509 | 0 | 0.0377 | 3.5886 | 4.6764 | 0 | 0.2179 | 4.8943 |
| 302 | 51   | 51.6 | 3.5462 | 0 | 0.0363 | 3.5825 | 4.6925 | 0 | 0.2345 | 4.927  |
| 303 | 51.2 | 51.7 | 3.5409 | 0 | 0.0281 | 3.5689 | 4.7168 | 0 | 0.1738 | 4.8907 |
| 304 | 54   | 51.8 | 3.5343 | 0 | 0.0423 | 3.5766 | 4.7234 | 0 | 0.2202 | 4.9436 |
| 305 | 56.6 | 52.1 | 3.5297 | 0 | 0.0376 | 3.5674 | 4.7361 | 0 | 0.2059 | 4.942  |
| 306 | 55.6 | 52.5 | 3.5254 | 0 | 0.0333 | 3.5586 | 4.7353 | 0 | 0.1918 | 4.9271 |
| 307 | 53.3 | 52.9 | 3.5199 | 0 | 0.0375 | 3.5574 | 4.7416 | 0 | 0.2102 | 4.9518 |
| 308 | 53.5 | 53.3 | 3.5144 | 0 | 0.0378 | 3.5522 | 4.7578 | 0 | 0.2721 | 5.0299 |
| 309 | 52.2 | 53.6 | 3.5096 | 0 | 0.0388 | 3.5484 | 4.7752 | 0 | 0.2693 | 5.0446 |
| 310 | 49.2 | 53.9 | 3.5046 | 0 | 0.0385 | 3.5432 | 4.7738 | 0 | 0.2843 | 5.0581 |
| 311 | 50.7 | 54.2 | 3.4997 | 0 | 0.0375 | 3.5372 | 4.7998 | 0 | 0.2722 | 5.072  |
| 312 | 53.6 | 54.5 | 3.4945 | 0 | 0.0372 | 3.5317 | 4.7939 | 0 | 0.2057 | 4.9996 |
| 313 | 55.5 | 54.9 | 3.4895 | 0 | 0.0379 | 3.5274 | 4.7989 | 0 | 0.1793 | 4.9783 |
| 314 | 56.1 | 55.1 | 3.4847 | 0 | 0.0381 | 3.5228 | 4.8046 | 0 | 0.203  | 5.0076 |
| 315 | 56.3 | 55   | 3.4796 | 0 | 0.0361 | 3.5157 | 4.8026 | 0 | 0.19   | 4.9927 |
| 316 | 55   | 55.1 | 3.4734 | 0 | 0.0349 | 3.5083 | 4.8116 | 0 | 0.1428 | 4.9544 |
| 317 | 56   | 55.2 | 3.4687 | 0 | 0.0347 | 3.5034 | 4.8313 | 0 | 0.2295 | 5.0607 |
| 318 | 55.3 | 55.3 | 3.4631 | 0 | 0.035  | 3.4981 | 4.8312 | 0 | 0.2081 | 5.0394 |
| 319 | 56.3 | 55.5 | 3.4579 | 0 | 0.0382 | 3.4961 | 4.8237 | 0 | 0.1661 | 4.9899 |
| 320 | 57.7 | 55.7 | 3.4528 | 0 | 0.0362 | 3.489  | 4.8224 | 0 | 0.1053 | 4.9276 |
| 321 | 58.2 | 55.9 | 3.4473 | 0 | 0.0345 | 3.4819 | 4.8228 | 0 | 0.0919 | 4.9146 |
| 322 | 57.7 | 56.1 | 3.4417 | 0 | 0.0354 | 3.4771 | 4.827  | 0 | 0.0332 | 4.8602 |
| 323 | 57.2 | 56.2 | 3.4378 | 0 | 0.0265 | 3.4643 | 4.8224 | 0 | 0.0014 | 4.8238 |
| 324 | 55.2 | 56.4 | 3.4343 | 0 | 0.0266 | 3.4609 | 4.8143 | 0 | 0.0391 | 4.8534 |

|     |      |      |        |   |        |        |        |   |         |        |
|-----|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 325 | 57.3 | 56.4 | 3.4293 | 0 | 0.0251 | 3.4544 | 4.8153 | 0 | 0.0023  | 4.8176 |
| 326 | 55.7 | 56.4 | 3.4248 | 0 | 0.0235 | 3.4483 | 4.8066 | 0 | 0.0242  | 4.8309 |
| 327 | 55.8 | 56.5 | 3.4195 | 0 | 0.0216 | 3.4411 | 4.817  | 0 | -0.0629 | 4.7541 |
| 328 | 54.8 | 56.6 | 3.4146 | 0 | 0.0197 | 3.4343 | 4.8243 | 0 | 0.0008  | 4.8251 |
| 329 | 53.2 | 56.5 | 3.4098 | 0 | 0.0176 | 3.4274 | 4.833  | 0 | 0.033   | 4.866  |
| 330 | 55.4 | 56.3 | 3.4042 | 0 | 0.0144 | 3.4186 | 4.8425 | 0 | 0.0377  | 4.8802 |
| 331 | 56.7 | 56.1 | 3.3991 | 0 | 0.0155 | 3.4146 | 4.8476 | 0 | 0.0423  | 4.8899 |
| 332 | 58.6 | 56   | 3.3964 | 0 | 0.0144 | 3.4108 | 4.8454 | 0 | 0.045   | 4.8904 |
| 333 | 58.7 | 55.8 | 3.3925 | 0 | 0.0144 | 3.4069 | 4.8534 | 0 | 0.0252  | 4.8785 |
| 334 | 56.7 | 55.7 | 3.3876 | 0 | 0.0157 | 3.4033 | 4.8767 | 0 | 0.0041  | 4.8808 |
| 335 | 55.5 | 55.6 | 3.3828 | 0 | 0.0143 | 3.3971 | 4.8863 | 0 | 0.0346  | 4.9208 |
| 336 | 56.8 | 55.8 | 3.3777 | 0 | 0.0124 | 3.3901 | 4.9005 | 0 | -0.1061 | 4.7944 |
| 337 | 57.9 | 55.9 | 3.3723 | 0 | 0.012  | 3.3843 | 4.9131 | 0 | -0.0765 | 4.8366 |
| 338 | 53.6 | 56   | 3.3678 | 0 | 0.006  | 3.3738 | 4.9236 | 0 | -0.0618 | 4.8618 |
| 339 | 53.8 | 56.1 | 3.364  | 0 | 0.0076 | 3.3717 | 4.9401 | 0 | -0.1305 | 4.8096 |
| 340 | 56.1 | 56.2 | 3.3591 | 0 | 0.0054 | 3.3645 | 4.9611 | 0 | -0.1747 | 4.7864 |
| 341 | 54.9 | 56.1 | 3.3545 | 0 | 0.0044 | 3.3589 | 4.9757 | 0 | -0.1354 | 4.8403 |
| 342 | 53.6 | 55.9 | 3.3496 | 0 | 0.0057 | 3.3553 | 4.9874 | 0 | -0.086  | 4.9014 |
| 343 | 53.3 | 55.7 | 3.3448 | 0 | 0.007  | 3.3518 | 5.0076 | 0 | 0.0014  | 5.009  |
| 344 | 55   | 55.5 | 3.3399 | 0 | 0.0077 | 3.3476 | 5.0136 | 0 | -0.0758 | 4.9377 |
| 345 | 59.6 | 55.5 | 3.3341 | 0 | 0.009  | 3.3431 | 5.0329 | 0 | -0.06   | 4.973  |
| 346 | 57.5 | 55.4 | 3.3291 | 0 | 0.0135 | 3.3425 | 5.0479 | 0 | -0.0514 | 4.9964 |
| 347 | 56.3 | 55.3 | 3.3238 | 0 | 0.0105 | 3.3343 | 5.053  | 0 | -0.0737 | 4.9793 |
| 348 | 56.3 | 55.5 | 3.3182 | 0 | 0.0101 | 3.3283 | 5.0564 | 0 | -0.1009 | 4.9554 |
| 349 | 56.7 | 55.7 | 3.3124 | 0 | 0.0103 | 3.3227 | 5.0458 | 0 | -0.1158 | 4.9299 |
| 350 | 55.6 | 55.8 | 3.3066 | 0 | 0.0102 | 3.3168 | 5.0658 | 0 | -0.1116 | 4.9541 |
| 351 | 53.8 | 55.8 | 3.3011 | 0 | 0.0099 | 3.311  | 5.0885 | 0 | -0.1514 | 4.9371 |
| 352 | 55.2 | 56   | 3.2953 | 0 | 0.0097 | 3.3049 | 5.0992 | 0 | -0.1892 | 4.9099 |
| 353 | 53.9 | 56.2 | 3.2908 | 0 | 0.0074 | 3.2982 | 5.113  | 0 | -0.2186 | 4.8944 |
| 354 | 54.9 | 56.3 | 3.2854 | 0 | 0.0125 | 3.2979 | 5.1216 | 0 | -0.3215 | 4.8001 |
| 355 | 54.8 | 56.2 | 3.2809 | 0 | 0.0145 | 3.2954 | 5.1243 | 0 | -0.1671 | 4.9572 |
| 356 | 55.7 | 56.3 | 3.2757 | 0 | 0.0143 | 3.2899 | 5.1478 | 0 | -0.1767 | 4.9711 |
| 357 | 56.8 | 56.4 | 3.2701 | 0 | 0.0142 | 3.2843 | 5.1694 | 0 | -0.185  | 4.9844 |
| 358 | 57.5 | 56.4 | 3.2652 | 0 | 0.0149 | 3.28   | 5.1867 | 0 | -0.0978 | 5.089  |
| 359 | 58.4 | 56.4 | 3.2607 | 0 | 0.0147 | 3.2754 | 5.1865 | 0 | -0.0956 | 5.0909 |
| 360 | 55.3 | 56.6 | 3.2546 | 0 | 0.0161 | 3.2707 | 5.2053 | 0 | -0.0829 | 5.1224 |
| 361 | 57.7 | 56.8 | 3.2509 | 0 | 0.02   | 3.2709 | 5.215  | 0 | -0.0827 | 5.1324 |

|     |      |      |        |   |        |        |        |   |         |        |
|-----|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 362 | 56.9 | 57.1 | 3.2463 | 0 | 0.0225 | 3.2688 | 5.2316 | 0 | -0.0973 | 5.1343 |
| 363 | 56.5 | 57.4 | 3.2417 | 0 | 0.0218 | 3.2635 | 5.254  | 0 | -0.0944 | 5.1596 |
| 364 | 58.4 | 57.6 | 3.237  | 0 | 0.0206 | 3.2576 | 5.2716 | 0 | -0.0652 | 5.2064 |
| 365 | 59.4 | 57.7 | 3.2308 | 0 | 0.0198 | 3.2506 | 5.2793 | 0 | -0.0593 | 5.22   |
| 366 | 57.5 | 57.9 | 3.224  | 0 | 0.0193 | 3.2433 | 5.2963 | 0 | -0.1454 | 5.151  |
| 367 | 57.4 | 58   | 3.2215 | 0 | 0.0225 | 3.2439 | 5.2927 | 0 | -0.1221 | 5.1706 |
| 368 | 56.1 | 57.9 | 3.2172 | 0 | 0.0246 | 3.2418 | 5.3087 | 0 | -0.1312 | 5.1776 |
| 369 | 59.5 | 57.7 | 3.2124 | 0 | 0.027  | 3.2394 | 5.3184 | 0 | -0.1271 | 5.1913 |
| 370 | 57.5 | 57.7 | 3.2073 | 0 | 0.028  | 3.2353 | 5.3386 | 0 | -0.1065 | 5.2321 |
| 371 | 59.8 | 57.7 | 3.202  | 0 | 0.0339 | 3.2358 | 5.3538 | 0 | -0.1327 | 5.2211 |
| 372 | 60.4 | 57.9 | 3.1978 | 0 | 0.0343 | 3.2321 | 5.3525 | 0 | -0.1401 | 5.2125 |
| 373 | 57.9 | 58   | 3.1934 | 0 | 0.0325 | 3.2259 | 5.3585 | 0 | -0.151  | 5.2075 |
| 374 | 57.4 | 58   | 3.1874 | 0 | 0.0372 | 3.2245 | 5.3709 | 0 | -0.3078 | 5.0631 |
| 375 | 58.6 | 57.8 | 3.1833 | 0 | 0.0353 | 3.2187 | 5.397  | 0 | -0.2796 | 5.1174 |
| 376 | 58.8 | 57.8 | 3.1779 | 0 | 0.046  | 3.2239 | 5.3883 | 0 | -0.2975 | 5.0908 |
| 377 | 56.9 | 57.7 | 3.1726 | 0 | 0.0437 | 3.2163 | 5.3974 | 0 | -0.2961 | 5.1013 |
| 378 | 54.6 | 57.7 | 3.1672 | 0 | 0.0434 | 3.2107 | 5.411  | 0 | -0.3178 | 5.0932 |
| 379 | 54.5 | 57.6 | 3.1621 | 0 | 0.0441 | 3.2062 | 5.4245 | 0 | -0.3377 | 5.0868 |
| 380 | 57.7 | 57.6 | 3.157  | 0 | 0.0441 | 3.201  | 5.4368 | 0 | -0.3437 | 5.0931 |
| 381 | 60.4 | 57.5 | 3.1518 | 0 | 0.0442 | 3.196  | 5.4507 | 0 | -0.3835 | 5.0672 |
| 382 | 58.9 | 57.3 | 3.1466 | 0 | 0.0459 | 3.1925 | 5.47   | 0 | -0.3988 | 5.0712 |
| 383 | 58.5 | 57.3 | 3.1407 | 0 | 0.0462 | 3.1869 | 5.506  | 0 | -0.4138 | 5.0922 |
| 384 | 56.2 | 57.4 | 3.1356 | 0 | 0.0461 | 3.1817 | 5.5524 | 0 | -0.4197 | 5.1327 |
| 385 | 57.1 | 57.5 | 3.13   | 0 | 0.0495 | 3.1794 | 5.5745 | 0 | -0.4075 | 5.167  |
| 386 | 56.1 | 57.6 | 3.1246 | 0 | 0.0496 | 3.1742 | 5.59   | 0 | -0.4238 | 5.1662 |
| 387 | 56   | 57.9 | 3.1193 | 0 | 0.0496 | 3.1689 | 5.6122 | 0 | -0.447  | 5.1652 |
| 388 | 57.5 | 58.4 | 3.1135 | 0 | 0.0549 | 3.1684 | 5.6381 | 0 | -0.4511 | 5.187  |
| 389 | 58   | 59   | 3.1077 | 0 | 0.0597 | 3.1674 | 5.6663 | 0 | -0.5158 | 5.1505 |
| 390 | 56.2 | 59.2 | 3.1024 | 0 | 0.0541 | 3.1565 | 5.6941 | 0 | -0.4966 | 5.1975 |
| 391 | 57.6 | 59.4 | 3.0963 | 0 | 0.0484 | 3.1447 | 5.7327 | 0 | -0.5141 | 5.2186 |
| 392 | 57.5 | 59.6 | 3.0912 | 0 | 0.0376 | 3.1288 | 5.7539 | 0 | -0.4188 | 5.3351 |
| 393 | 59.5 | 59.9 | 3.0863 | 0 | 0.0447 | 3.131  | 5.7782 | 0 | -0.3739 | 5.4044 |
| 394 | 61.1 | 60.2 | 3.0803 | 0 | 0.043  | 3.1233 | 5.8002 | 0 | -0.3726 | 5.4276 |
| 395 | 60.3 | 60.6 | 3.0743 | 0 | 0.042  | 3.1162 | 5.8184 | 0 | -0.3821 | 5.4364 |
| 396 | 62   | 61.1 | 3.0684 | 0 | 0.044  | 3.1124 | 5.836  | 0 | -0.3857 | 5.4503 |
| 397 | 65.2 | 61.5 | 3.0632 | 0 | 0.0471 | 3.1103 | 5.8674 | 0 | -0.3622 | 5.5052 |
| 398 | 64.8 | 62   | 3.0581 | 0 | 0.049  | 3.1071 | 5.8699 | 0 | -0.4202 | 5.4497 |

|     |      |      |        |   |        |        |        |   |         |        |
|-----|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 399 | 62.5 | 62.4 | 3.0517 | 0 | 0.0483 | 3.1    | 5.9051 | 0 | -0.4404 | 5.4646 |
| 400 | 63.1 | 63.1 | 3.046  | 0 | 0.0526 | 3.0986 | 5.9128 | 0 | -0.4455 | 5.4673 |
| 401 | 62.3 | 63.9 | 3.041  | 0 | 0.0567 | 3.0977 | 5.9179 | 0 | -0.47   | 5.4479 |
| 402 | 64.2 | 64.6 | 3.0349 | 0 | 0.0582 | 3.093  | 5.926  | 0 | -0.4919 | 5.4342 |
| 403 | 63.5 | 65.2 | 3.0287 | 0 | 0.0602 | 3.0889 | 5.9303 | 0 | -0.5125 | 5.4179 |
| 404 | 64.8 | 65.7 | 3.0219 | 0 | 0.059  | 3.0809 | 5.9541 | 0 | -0.573  | 5.3811 |
| 405 | 65.4 | 66.4 | 3.015  | 0 | 0.0553 | 3.0703 | 5.9874 | 0 | -0.5655 | 5.4219 |
| 406 | 63.5 | 66.9 | 3.0084 | 0 | 0.0518 | 3.0602 | 6.0148 | 0 | -0.5885 | 5.4263 |
| 407 | 66.2 | 67.2 | 3.0012 | 0 | 0.0473 | 3.0485 | 6.024  | 0 | -0.5852 | 5.4388 |
| 408 | 66.4 | 67.6 | 2.9957 | 0 | 0.0474 | 3.0431 | 6.0468 | 0 | -0.5921 | 5.4547 |
| 409 | 69.6 | 68.2 | 2.9891 | 0 | 0.0471 | 3.0361 | 6.0632 | 0 | -0.5861 | 5.4771 |
| 410 | 71.4 | 68.8 | 2.9831 | 0 | 0.0468 | 3.0299 | 6.089  | 0 | -0.5922 | 5.4969 |
| 411 | 71.7 | 69.4 | 2.9765 | 0 | 0.0472 | 3.0237 | 6.1042 | 0 | -0.5816 | 5.5226 |
| 412 | 71.1 | 69.9 | 2.9691 | 0 | 0.0466 | 3.0157 | 6.1376 | 0 | -0.5414 | 5.5962 |
| 413 | 71   | 70.5 | 2.9623 | 0 | 0.0444 | 3.0067 | 6.1853 | 0 | -0.5489 | 5.6364 |
| 414 | 72.1 | 71.1 | 2.9567 | 0 | 0.0441 | 3.0008 | 6.2172 | 0 | -0.5425 | 5.6747 |
| 415 | 72.4 | 71.8 | 2.9499 | 0 | 0.0507 | 3.0006 | 6.222  | 0 | -0.5577 | 5.6643 |
| 416 | 71.2 | 72.8 | 2.9441 | 0 | 0.0471 | 2.9912 | 6.2443 | 0 | -0.5816 | 5.6627 |
| 417 | 72.3 | 73.5 | 2.9378 | 0 | 0.0478 | 2.9857 | 6.2528 | 0 | -0.6004 | 5.6524 |
| 418 | 73.8 | 74.2 | 2.9313 | 0 | 0.0477 | 2.979  | 6.2944 | 0 | -0.5697 | 5.7248 |
| 419 | 73.8 | 74.7 | 2.924  | 0 | 0.0489 | 2.9729 | 6.3233 | 0 | -0.564  | 5.7593 |
| 420 | 73.4 | 75.2 | 2.9175 | 0 | 0.0494 | 2.9669 | 6.3553 | 0 | -0.5903 | 5.765  |
| 421 | 74   | 75.6 | 2.9121 | 0 | 0.0485 | 2.9606 | 6.3943 | 0 | -0.5918 | 5.8025 |
| 422 | 75.1 | 76   | 2.9058 | 0 | 0.0505 | 2.9563 | 6.4305 | 0 | -0.582  | 5.8485 |
| 423 | 76.8 | 76.3 | 2.9007 | 0 | 0.0573 | 2.958  | 6.458  | 0 | -0.6097 | 5.8482 |
| 424 | 79.1 | 76.9 | 2.8946 | 0 | 0.0546 | 2.9491 | 6.4823 | 0 | -0.6538 | 5.8286 |
| 425 | 81.5 | 77.6 | 2.8904 | 0 | 0.0549 | 2.9453 | 6.4923 | 0 | -0.6287 | 5.8636 |
| 426 | 80.1 | 78.4 | 2.885  | 0 | 0.0531 | 2.9382 | 6.5249 | 0 | -0.6373 | 5.8877 |
| 427 | 79.4 | 79.2 | 2.8784 | 0 | 0.0533 | 2.9318 | 6.5405 | 0 | -0.4772 | 6.0633 |
| 428 | 80   | 79.5 | 2.8721 | 0 | 0.0535 | 2.9256 | 6.5506 | 0 | -0.4358 | 6.1148 |
| 429 | 80.3 | 79.9 | 2.8661 | 0 | 0.0519 | 2.9181 | 6.587  | 0 | -0.3936 | 6.1934 |
| 430 | 79.7 | 80.5 | 2.8591 | 0 | 0.0527 | 2.9118 | 6.6063 | 0 | -0.3734 | 6.2329 |
| 431 | 77.6 | 81   | 2.8521 | 0 | 0.0554 | 2.9075 | 6.6432 | 0 | -0.4081 | 6.2351 |
| 432 | 78   | 81.5 | 2.8458 | 0 | 0.0557 | 2.9015 | 6.5904 | 0 | -0.4094 | 6.1809 |
| 433 | 83.1 | 82   | 2.8372 | 0 | 0.0564 | 2.8936 | 6.4975 | 0 | -0.3531 | 6.1444 |
| 434 | 85.5 | 82.4 | 2.8302 | 0 | 0.0564 | 2.8866 | 6.4866 | 0 | -0.3143 | 6.1723 |
| 435 | 87   | 82.7 | 2.8238 | 0 | 0.0567 | 2.8805 | 6.5583 | 0 | -0.2865 | 6.2718 |

|     |      |      |        |   |        |        |        |   |         |        |
|-----|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 436 | 85.7 | 83.1 | 2.8165 | 0 | 0.0571 | 2.8736 | 6.6072 | 0 | -0.2028 | 6.4043 |
| 437 | 81   | 83.3 | 2.8085 | 0 | 0.0571 | 2.8656 | 6.8872 | 0 | -0.2811 | 6.6062 |
| 438 | 81.2 | 83.8 | 2.8012 | 0 | 0.0576 | 2.8587 | 6.9161 | 0 | -0.2663 | 6.6498 |
| 439 | 84.1 | 84.5 | 2.7946 | 0 | 0.0573 | 2.8519 | 6.8802 | 0 | -0.2019 | 6.6782 |
| 440 | 83.9 | 85   | 2.7858 | 0 | 0.0568 | 2.8426 | 6.8848 | 0 | -0.1418 | 6.743  |
| 441 | 84.8 | 85.6 | 2.7791 | 0 | 0.0463 | 2.8254 | 6.9317 | 0 | -0.1726 | 6.7591 |
| 442 | 86.3 | 86.3 | 2.7718 | 0 | 0.0431 | 2.8148 | 6.9783 | 0 | -0.2471 | 6.7312 |
| 443 | 86.5 | 86.8 | 2.7648 | 0 | 0.0443 | 2.8091 | 7.047  | 0 | -0.3753 | 6.6717 |
| 444 | 86.9 | 87.2 | 2.7581 | 0 | 0.0459 | 2.804  | 6.9408 | 0 | -0.2807 | 6.6601 |
| 445 | 87.4 | 87.7 | 2.7505 | 0 | 0.0476 | 2.7981 | 7.1571 | 0 | -0.4086 | 6.7484 |
| 446 | 83.3 | 88.3 | 2.7423 | 0 | 0.0497 | 2.792  | 7.1734 | 0 | -0.4524 | 6.7211 |
| 447 | 90.1 | 88.9 | 2.7368 | 0 | 0.0525 | 2.7893 | 7.1224 | 0 | -0.2683 | 6.8541 |
| 448 | 93.5 | 89.4 | 2.7277 | 0 | 0.0541 | 2.7818 | 7.1519 | 0 | -0.0143 | 7.1376 |
| 449 | 89.3 | 89.8 | 2.7211 | 0 | 0.0549 | 2.776  | 7.1383 | 0 | 0.1054  | 7.2437 |
| 450 | 88.8 | 90.1 | 2.7148 | 0 | 0.0572 | 2.772  | 7.1706 | 0 | 0.1813  | 7.3519 |
| 451 | 91   | 90.3 | 2.7085 | 0 | 0.0591 | 2.7676 | 7.0967 | 0 | 0.3177  | 7.4144 |
| 452 | 92.7 | 90.5 | 2.7022 | 0 | 0.0609 | 2.7631 | 7.0041 | 0 | 0.4643  | 7.4683 |
| 453 | 93.8 | 90.8 | 2.6954 | 0 | 0.0647 | 2.7601 | 7.0114 | 0 | 0.5051  | 7.5166 |
| 454 | 96.3 | 91.3 | 2.6866 | 0 | 0.0691 | 2.7557 | 6.9876 | 0 | 0.52    | 7.5076 |
| 455 | 96.8 | 91.5 | 2.6794 | 0 | 0.0734 | 2.7528 | 6.9391 | 0 | 0.5044  | 7.4435 |
| 456 | 91.6 | 92.3 | 2.6733 | 0 | 0.0728 | 2.746  | 6.9001 | 0 | 0.493   | 7.3931 |
| 457 | 92.2 | 92.7 | 2.6654 | 0 | 0.0734 | 2.7388 | 6.8624 | 0 | 0.5083  | 7.3707 |
| 458 | 90.7 | 92.7 | 2.6589 | 0 | 0.0735 | 2.7323 | 6.8841 | 0 | 0.4422  | 7.3263 |
| 459 | 89.5 | 93   | 2.6518 | 0 | 0.0739 | 2.7257 | 6.8995 | 0 | 0.4253  | 7.3248 |
| 460 | 89.9 | 93.4 | 2.6442 | 0 | 0.0742 | 2.7184 | 6.8655 | 0 | 0.401   | 7.2666 |
| 461 | 90   | 93.8 | 2.6371 | 0 | 0.0742 | 2.7112 | 6.8101 | 0 | 0.3528  | 7.1629 |
| 462 | 92.5 | 94.1 | 2.6278 | 0 | 0.0774 | 2.7052 | 6.8753 | 0 | 0.3134  | 7.1888 |
| 463 | 94.9 | 94.2 | 2.62   | 0 | 0.076  | 2.696  | 6.9512 | 0 | 0.2532  | 7.2044 |
| 464 | 91.9 | 94.4 | 2.6148 | 0 | 0.0764 | 2.6912 | 6.9872 | 0 | 0.1441  | 7.1313 |
| 465 | 97.9 | 94.6 | 2.6064 | 0 | 0.0779 | 2.6843 | 7.0786 | 0 | 0.0715  | 7.1501 |
| 466 | 97.5 | 95   | 2.5988 | 0 | 0.0793 | 2.6781 | 7.1744 | 0 | 0.247   | 7.4214 |
| 467 | 94.5 | 95.5 | 2.592  | 0 | 0.0794 | 2.6715 | 7.1633 | 0 | 0.2248  | 7.3882 |
| 468 | 94.8 | 96.2 | 2.5849 | 0 | 0.081  | 2.6659 | 7.1777 | 0 | 0.2672  | 7.4449 |
| 469 | 95.8 | 96.9 | 2.5769 | 0 | 0.0861 | 2.6629 | 7.3378 | 0 | 0.3174  | 7.6552 |
| 470 | 98.8 | 97.6 | 2.5679 | 0 | 0.0872 | 2.6551 | 7.3077 | 0 | 0.3815  | 7.6892 |
| 471 | 98.7 | 98.2 | 2.5589 | 0 | 0.0921 | 2.651  | 7.2    | 0 | 0.4458  | 7.6458 |
| 472 | 96.1 | 98.6 | 2.552  | 0 | 0.0953 | 2.6472 | 7.1455 | 0 | 0.4427  | 7.5882 |

|     |      |      |        |   |        |        |        |   |        |        |
|-----|------|------|--------|---|--------|--------|--------|---|--------|--------|
| 473 | 99.4 | 98.9 | 2.5451 | 0 | 0.0979 | 2.643  | 6.9567 | 0 | 0.3516 | 7.3083 |
| 474 | 100  | 99.3 | 2.5381 | 0 | 0.1    | 2.6382 | 6.8573 | 0 | 0.5016 | 7.3589 |
| 475 | 100  | 99.5 | 2.5308 | 0 | 0.0991 | 2.6299 | 6.8287 | 0 | 0.5218 | 7.3505 |
| 476 | 102  | 99.9 | 2.5238 | 0 | 0.0938 | 2.6176 | 6.7218 | 0 | 0.5741 | 7.2959 |
| 477 | 102  | 101  | 2.5176 | 0 | 0.0872 | 2.6048 | 6.7242 | 0 | 0.5528 | 7.277  |
| 478 | 103  | 101  | 2.5086 | 0 | 0.0828 | 2.5913 | 6.789  | 0 | 0.5319 | 7.3209 |
| 479 | 104  | 101  | 2.5015 | 0 | 0.0815 | 2.5829 | 6.79   | 0 | 0.4795 | 7.2695 |
| 480 | 101  | 101  | 2.4926 | 0 | 0.0849 | 2.5775 | 6.7318 | 0 | 0.3906 | 7.1224 |
| 481 | 99.9 | 101  | 2.4928 | 0 | 0.0851 | 2.5779 | 6.7638 | 0 | 0.39   | 7.1539 |
| 482 | 100  | 102  | 2.4969 | 0 | 0.0812 | 2.578  | 6.806  | 0 | 0.4723 | 7.2783 |
| 483 | 99.9 | 101  | 2.4921 | 0 | 0.0776 | 2.5697 | 6.805  | 0 | 0.401  | 7.206  |
| 484 | 103  | 101  | 2.4798 | 0 | 0.0748 | 2.5545 | 6.8588 | 0 | 0.4593 | 7.3181 |
| 485 | 104  | 101  | 2.4692 | 0 | 0.0698 | 2.539  | 6.8788 | 0 | 0.5439 | 7.4227 |
| 486 | 109  | 101  | 2.4359 | 0 | 0.0777 | 2.5136 | 6.8988 | 0 | 0.5807 | 7.4795 |
| 487 | 105  | 101  | 2.4277 | 0 | 0.0762 | 2.5039 | 6.9306 | 0 | 0.5905 | 7.5211 |
| 488 | 101  | 102  | 2.4254 | 0 | 0.0751 | 2.5005 | 6.9627 | 0 | 0.6296 | 7.5923 |
| 489 | 98.8 | 102  | 2.4192 | 0 | 0.0739 | 2.4931 | 7.0016 | 0 | 0.7078 | 7.7094 |
| 490 | 97.8 | 102  | 2.4092 | 0 | 0.0714 | 2.4806 | 7.076  | 0 | 0.7351 | 7.8111 |
| 491 | 99.8 | 102  | 2.3984 | 0 | 0.0731 | 2.4716 | 7.0626 | 0 | 0.7523 | 7.8149 |
| 492 | 97.1 | 102  | 2.3865 | 0 | 0.0752 | 2.4617 | 7.0948 | 0 | 0.6278 | 7.7227 |
| 493 | 100  | 102  | 2.3923 | 0 | 0.0728 | 2.465  | 7.1189 | 0 | 0.597  | 7.716  |
| 494 | 99.6 | 102  | 2.3646 | 0 | 0.0839 | 2.4485 | 7.1684 | 0 | 0.6222 | 7.7905 |
| 495 | 100  | 102  | 2.3569 | 0 | 0.0872 | 2.4441 | 7.2162 | 0 | 0.6179 | 7.8341 |
| 496 | 105  | 102  | 2.3562 | 0 | 0.0708 | 2.427  | 7.2193 | 0 | 0.599  | 7.8183 |
| 497 | 110  | 102  | 2.348  | 0 | 0.0486 | 2.3966 | 7.2019 | 0 | 0.6583 | 7.8603 |
| 498 | 108  | 102  | 2.3443 | 0 | 0.0384 | 2.3827 | 7.241  | 0 | 0.7009 | 7.942  |
| 499 | 104  | 102  | 2.3346 | 0 | 0.0302 | 2.3648 | 7.3037 | 0 | 0.7536 | 8.0573 |
| 500 | 101  | 103  | 2.3363 | 0 | 0.0208 | 2.3572 | 7.3193 | 0 | 0.7439 | 8.0632 |
| 501 | 102  | 103  | 2.3406 | 0 | 0.0102 | 2.3508 | 7.3302 | 0 | 0.579  | 7.9093 |
| 502 | 102  | 104  | 2.3337 | 0 | 0.0077 | 2.3414 | 7.3615 | 0 | 0.4063 | 7.7678 |
| 503 | 100  | 104  | 2.3299 | 0 | 0.0082 | 2.3382 | 7.3659 | 0 | 0.4869 | 7.8528 |
| 504 | 101  | 105  | 2.328  | 0 | 0.0085 | 2.3365 | 7.3791 | 0 | 0.5392 | 7.9183 |
| 505 | 105  | 105  | 2.3249 | 0 | 0.006  | 2.331  | 7.4025 | 0 | 0.6271 | 8.0295 |
| 506 | 107  | 105  | 2.3222 | 0 | 0.0009 | 2.3231 | 7.4169 | 0 | 0.7194 | 8.1363 |
| 507 | 100  | 105  | 2.3128 | 0 | 0.0031 | 2.3159 | 7.4486 | 0 | 0.7334 | 8.182  |
| 508 | 106  | 105  | 2.3058 | 0 | 0.0049 | 2.3106 | 7.4318 | 0 | 0.7257 | 8.1574 |
| 509 | 109  | 105  | 2.3025 | 0 | 0.007  | 2.3095 | 7.42   | 0 | 0.7232 | 8.1431 |

|     |      |     |        |   |         |        |        |   |        |        |
|-----|------|-----|--------|---|---------|--------|--------|---|--------|--------|
| 510 | 108  | 105 | 2.3021 | 0 | 0.0115  | 2.3136 | 7.437  | 0 | 0.7496 | 8.1866 |
| 511 | 108  | 105 | 2.289  | 0 | 0.0159  | 2.3049 | 7.4185 | 0 | 0.7095 | 8.1281 |
| 512 | 108  | 105 | 2.274  | 0 | 0.0213  | 2.2953 | 7.4288 | 0 | 0.7308 | 8.1595 |
| 513 | 107  | 105 | 2.2636 | 0 | 0.03    | 2.2936 | 7.4012 | 0 | 0.8146 | 8.2158 |
| 514 | 105  | 106 | 2.2489 | 0 | 0.0369  | 2.2858 | 7.3902 | 0 | 0.6308 | 8.021  |
| 515 | 111  | 105 | 2.2325 | 0 | 0.026   | 2.2585 | 7.4037 | 0 | 0.5133 | 7.9169 |
| 516 | 108  | 105 | 2.2278 | 0 | 0.0246  | 2.2524 | 7.3804 | 0 | 0.5097 | 7.8901 |
| 517 | 104  | 105 | 2.2201 | 0 | 0.0211  | 2.2412 | 7.3626 | 0 | 0.5151 | 7.8777 |
| 518 | 103  | 105 | 2.1975 | 0 | 0.016   | 2.2135 | 7.3599 | 0 | 0.5279 | 7.8878 |
| 519 | 103  | 105 | 2.1933 | 0 | 0.0107  | 2.204  | 7.3562 | 0 | 0.5927 | 7.9489 |
| 520 | 104  | 104 | 2.1975 | 0 | 0.0049  | 2.2023 | 7.3622 | 0 | 0.6797 | 8.0419 |
| 521 | 103  | 104 | 2.1975 | 0 | 0.0043  | 2.2018 | 7.3259 | 0 | 0.7012 | 8.0271 |
| 522 | 101  | 104 | 2.2102 | 0 | 0.0153  | 2.2255 | 7.2962 | 0 | 0.7464 | 8.0426 |
| 523 | 107  | 104 | 2.215  | 0 | 0.0071  | 2.2221 | 7.2927 | 0 | 0.7942 | 8.0869 |
| 524 | 103  | 103 | 2.2117 | 0 | 0.0024  | 2.2141 | 7.2879 | 0 | 0.8483 | 8.1362 |
| 525 | 101  | 103 | 2.2183 | 0 | -0.0026 | 2.2157 | 7.2777 | 0 | 0.8968 | 8.1744 |
| 526 | 103  | 103 | 2.2126 | 0 | -0.0021 | 2.2105 | 7.2657 | 0 | 0.968  | 8.2337 |
| 527 | 104  | 103 | 2.1995 | 0 | 0.0001  | 2.1997 | 7.2516 | 0 | 1.0608 | 8.3124 |
| 528 | 103  | 103 | 2.1931 | 0 | 0.0056  | 2.1987 | 7.2654 | 0 | 1.0542 | 8.3196 |
| 529 | 101  | 103 | 2.193  | 0 | 0.0129  | 2.2058 | 7.231  | 0 | 1.0764 | 8.3075 |
| 530 | 101  | 102 | 2.1827 | 0 | 0.0137  | 2.1964 | 7.2193 | 0 | 1.0959 | 8.3152 |
| 531 | 103  | 102 | 2.1715 | 0 | 0.0081  | 2.1796 | 7.1929 | 0 | 1.1256 | 8.3185 |
| 532 | 103  | 102 | 2.1653 | 0 | 0.0156  | 2.1809 | 7.2524 | 0 | 1.1278 | 8.3802 |
| 533 | 99.2 | 102 | 2.1513 | 0 | 0.0105  | 2.1618 | 7.3512 | 0 | 1.1251 | 8.4764 |
| 534 | 103  | 102 | 2.1423 | 0 | 0.002   | 2.1443 | 7.3594 | 0 | 1.0902 | 8.4496 |
| 535 | 104  | 102 | 2.1339 | 0 | -0.0014 | 2.1325 | 7.2991 | 0 | 0.4916 | 7.7907 |
| 536 | 104  | 102 | 2.1235 | 0 | -0.002  | 2.1215 | 7.2557 | 0 | 0.4853 | 7.741  |
| 537 | 103  | 102 | 2.1122 | 0 | -0.0058 | 2.1064 | 6.9764 | 0 | 0.5617 | 7.5381 |
| 538 | 100  | 102 | 2.101  | 0 | -0.0132 | 2.0878 | 6.9508 | 0 | 0.5169 | 7.4677 |
| 539 | 101  | 103 | 2.087  | 0 | -0.0162 | 2.0708 | 6.987  | 0 | 0.4946 | 7.4816 |
| 540 | 104  | 103 | 2.0796 | 0 | -0.0184 | 2.0611 | 6.982  | 0 | 0.5224 | 7.5044 |
| 541 | 102  | 102 | 2.0696 | 0 | -0.0165 | 2.0531 | 6.9427 | 0 | 0.6003 | 7.543  |
| 542 | 103  | 102 | 2.0599 | 0 | -0.0166 | 2.0433 | 6.8925 | 0 | 0.6369 | 7.5294 |
| 543 | 101  | 103 | 2.048  | 0 | -0.018  | 2.03   | 6.8481 | 0 | 0.68   | 7.5281 |
| 544 | 101  | 103 | 2.0365 | 0 | -0.0159 | 2.0206 | 6.9555 | 0 | 0.6903 | 7.6458 |
| 545 | 103  | 103 | 2.0286 | 0 | -0.0123 | 2.0163 | 6.7277 | 0 | 0.8074 | 7.535  |
| 546 | 100  | 103 | 2.0221 | 0 | -0.0161 | 2.006  | 6.6958 | 0 | 0.8572 | 7.553  |

|     |      |      |        |   |         |        |        |   |         |        |
|-----|------|------|--------|---|---------|--------|--------|---|---------|--------|
| 547 | 106  | 103  | 2.0127 | 0 | -0.0176 | 1.9951 | 6.7371 | 0 | 0.7643  | 7.5014 |
| 548 | 106  | 103  | 1.9973 | 0 | -0.0212 | 1.9761 | 6.7453 | 0 | 0.5817  | 7.3271 |
| 549 | 102  | 103  | 1.9892 | 0 | -0.0195 | 1.9697 | 6.8616 | 0 | 0.3473  | 7.2089 |
| 550 | 100  | 103  | 1.9818 | 0 | -0.0007 | 1.9811 | 6.8092 | 0 | 0.2183  | 7.0275 |
| 551 | 101  | 103  | 1.9723 | 0 | 0.0185  | 1.9908 | 6.8867 | 0 | 0.1091  | 6.9958 |
| 552 | 104  | 103  | 1.9656 | 0 | 0.0122  | 1.9779 | 6.9825 | 0 | -0.023  | 6.9595 |
| 553 | 107  | 103  | 1.9575 | 0 | 0.0108  | 1.9683 | 6.9713 | 0 | -0.0817 | 6.8896 |
| 554 | 99.9 | 104  | 1.9464 | 0 | 0.0064  | 1.9528 | 6.9899 | 0 | -0.1215 | 6.8684 |
| 555 | 104  | 103  | 1.9377 | 0 | 0.0014  | 1.9391 | 7.0221 | 0 | -0.1541 | 6.868  |
| 556 | 106  | 103  | 1.9284 | 0 | -0.0006 | 1.9278 | 7.0459 | 0 | -0.1675 | 6.8784 |
| 557 | 107  | 103  | 1.9222 | 0 | 0.0008  | 1.923  | 7.0728 | 0 | -0.2225 | 6.8502 |
| 558 | 106  | 103  | 1.9169 | 0 | 0.0012  | 1.918  | 7.0236 | 0 | -0.2419 | 6.7817 |
| 559 | 103  | 103  | 1.9081 | 0 | -0.001  | 1.9071 | 7.0145 | 0 | -0.2641 | 6.7504 |
| 560 | 102  | 103  | 1.9023 | 0 | 0.0033  | 1.9056 | 7.0234 | 0 | -0.2612 | 6.7622 |
| 561 | 102  | 103  | 1.8942 | 0 | 0.0011  | 1.8953 | 7.0563 | 0 | -0.2014 | 6.8549 |
| 562 | 104  | 103  | 1.8876 | 0 | -0.0041 | 1.8836 | 6.9707 | 0 | -0.1329 | 6.8378 |
| 563 | 105  | 103  | 1.881  | 0 | 0.0129  | 1.8939 | 6.8649 | 0 | -0.0858 | 6.7791 |
| 564 | 100  | 103  | 1.8744 | 0 | 0.0251  | 1.8995 | 6.7989 | 0 | -0.0362 | 6.7627 |
| 565 | 96.1 | 103  | 1.8684 | 0 | 0.0269  | 1.8953 | 6.7068 | 0 | 0.0321  | 6.7389 |
| 566 | 98.5 | 103  | 1.8625 | 0 | 0.0278  | 1.8903 | 6.5771 | 0 | -0.108  | 6.4691 |
| 567 | 105  | 102  | 1.856  | 0 | 0.0266  | 1.8827 | 6.5674 | 0 | -0.168  | 6.3994 |
| 568 | 104  | 102  | 1.8493 | 0 | 0.0217  | 1.871  | 6.5313 | 0 | -0.2204 | 6.3109 |
| 569 | 101  | 102  | 1.8407 | 0 | 0.0181  | 1.8588 | 6.3476 | 0 | -0.2585 | 6.0891 |
| 570 | 104  | 101  | 1.8353 | 0 | 0.0171  | 1.8524 | 6.3548 | 0 | -0.3224 | 6.0325 |
| 571 | 106  | 101  | 1.8293 | 0 | 0.0174  | 1.8467 | 6.4255 | 0 | -0.429  | 5.9965 |
| 572 | 106  | 101  | 1.8227 | 0 | 0.0159  | 1.8385 | 6.4668 | 0 | -0.4679 | 5.999  |
| 573 | 102  | 100  | 1.8164 | 0 | 0.0131  | 1.8294 | 6.6429 | 0 | -0.3565 | 6.2864 |
| 574 | 97.1 | 99.8 | 1.8104 | 0 | 0.0104  | 1.8207 | 6.7345 | 0 | -0.4003 | 6.3342 |
| 575 | 103  | 99.7 | 1.8043 | 0 | 0.0023  | 1.8065 | 6.745  | 0 | -0.4107 | 6.3343 |
| 576 | 100  | 99.6 | 1.7987 | 0 | -0.0123 | 1.7864 | 6.8506 | 0 | -0.448  | 6.4026 |
| 577 | 98.8 | 98.9 | 1.791  | 0 | -0.0182 | 1.7729 | 6.8277 | 0 | -0.4549 | 6.3728 |
| 578 | 94.8 | 98.4 | 1.7854 | 0 | -0.0249 | 1.7606 | 6.7299 | 0 | -0.4416 | 6.2882 |
| 579 | 96   | 98   | 1.7795 | 0 | -0.0281 | 1.7514 | 6.693  | 0 | -0.3804 | 6.3126 |
| 580 | 98   | 97.6 | 1.7733 | 0 | -0.0277 | 1.7457 | 6.7265 | 0 | -0.3234 | 6.4031 |
| 581 | 96.5 | 97.1 | 1.7675 | 0 | -0.0277 | 1.7399 | 6.6616 | 0 | -0.2825 | 6.3791 |
| 582 | 94.7 | 96.3 | 1.7617 | 0 | -0.0313 | 1.7304 | 6.5807 | 0 | -0.3312 | 6.2495 |
| 583 | 96.3 | 95.7 | 1.7561 | 0 | -0.0314 | 1.7247 | 6.5612 | 0 | -0.2677 | 6.2935 |

|     |      |      |        |   |         |        |        |   |         |        |
|-----|------|------|--------|---|---------|--------|--------|---|---------|--------|
| 584 | 93.9 | 95.5 | 1.7498 | 0 | 0.0256  | 1.7754 | 6.4736 | 0 | -0.3117 | 6.1619 |
| 585 | 95.7 | 95   | 1.7437 | 0 | 0.0212  | 1.7649 | 6.4311 | 0 | -0.3766 | 6.0544 |
| 586 | 92.4 | 94.8 | 1.7383 | 0 | 0.0216  | 1.7598 | 6.3886 | 0 | -0.4459 | 5.9427 |
| 587 | 92.8 | 94.7 | 1.7326 | 0 | 0.0245  | 1.7571 | 6.3443 | 0 | -0.4414 | 5.9029 |
| 588 | 94.9 | 94.7 | 1.7267 | 0 | 0.0256  | 1.7524 | 6.2785 | 0 | -0.5111 | 5.7675 |
| 589 | 95.6 | 94.7 | 1.721  | 0 | 0.0217  | 1.7426 | 6.202  | 0 | -0.6531 | 5.5489 |
| 590 | 96.7 | 94.8 | 1.715  | 0 | 0.0113  | 1.7263 | 6.0993 | 0 | -0.7612 | 5.3381 |
| 591 | 91   | 94.6 | 1.7092 | 0 | 0.0094  | 1.7186 | 6.0672 | 0 | -0.8209 | 5.2463 |
| 592 | 90.8 | 94.4 | 1.7017 | 0 | 0.0072  | 1.7089 | 6.0111 | 0 | -0.7998 | 5.2113 |
| 593 | 92.9 | 94   | 1.6967 | 0 | 0.0037  | 1.7005 | 5.9534 | 0 | -0.8095 | 5.1438 |
| 594 | 93.5 | 93.8 | 1.6919 | 0 | 0.0031  | 1.695  | 5.8761 | 0 | -0.8441 | 5.032  |
| 595 | 95.8 | 93.4 | 1.6873 | 0 | 0.0015  | 1.6888 | 5.7933 | 0 | -0.8444 | 4.9488 |
| 596 | 96.9 | 93   | 1.6825 | 0 | -0.0056 | 1.6769 | 5.7546 | 0 | -0.7871 | 4.9675 |
| 597 | 95.4 | 92.4 | 1.6735 | 0 | -0.0096 | 1.6639 | 5.7381 | 0 | -0.8397 | 4.8984 |
| 598 | 96   | 91.9 | 1.6581 | 0 | 0.0037  | 1.6618 | 5.6808 | 0 | -0.892  | 4.7888 |
| 599 | 98.9 | 91.4 | 1.6537 | 0 | 0.0084  | 1.6621 | 5.5601 | 0 | -0.9849 | 4.5752 |
| 600 | 92.6 | 90.7 | 1.6477 | 0 | 0.0099  | 1.6576 | 5.5128 | 0 | -1.0245 | 4.4883 |
| 601 | 91.2 | 90.1 | 1.6423 | 0 | 0.0125  | 1.6549 | 5.463  | 0 | -0.8515 | 4.6115 |
| 602 | 89.7 | 89.6 | 1.6366 | 0 | 0.0158  | 1.6524 | 5.3971 | 0 | -0.6851 | 4.712  |
| 603 | 89   | 89.2 | 1.631  | 0 | 0.0204  | 1.6513 | 5.3651 | 0 | -0.7866 | 4.5785 |
| 604 | 88.6 | 88.5 | 1.6258 | 0 | 0.0239  | 1.6497 | 5.3098 | 0 | -0.8353 | 4.4745 |
| 605 | 84.9 | 87.7 | 1.6204 | 0 | 0.0228  | 1.6431 | 5.2281 | 0 | -0.9048 | 4.3233 |
| 606 | 81.2 | 87.1 | 1.6149 | 0 | 0.0232  | 1.6381 | 5.1689 | 0 | -0.9809 | 4.188  |
| 607 | 86.1 | 86.5 | 1.6105 | 0 | 0.0273  | 1.6377 | 5.108  | 0 | -1.0245 | 4.0835 |
| 608 | 85.9 | 85.8 | 1.6043 | 0 | 0.0313  | 1.6356 | 5.0867 | 0 | -1.0234 | 4.0633 |
| 609 | 82.7 | 84.8 | 1.6002 | 0 | 0.0331  | 1.6333 | 5.0599 | 0 | -1.0271 | 4.0328 |
| 610 | 80.1 | 84.2 | 1.5965 | 0 | 0.0317  | 1.6282 | 5.0103 | 0 | -1.0685 | 3.9418 |
| 611 | 81.2 | 83.6 | 1.5919 | 0 | 0.0292  | 1.6211 | 4.9871 | 0 | -1.0076 | 3.9795 |
| 612 | 84.3 | 83   | 1.5875 | 0 | 0.0299  | 1.6174 | 4.9326 | 0 | -1.0417 | 3.8909 |
| 613 | 80.4 | 82.6 | 1.5837 | 0 | 0.0336  | 1.6173 | 4.8913 | 0 | -1.1068 | 3.7844 |
| 614 | 81.8 | 82.1 | 1.5782 | 0 | 0.0337  | 1.6119 | 4.8489 | 0 | -0.9476 | 3.9014 |
| 615 | 84.4 | 81.8 | 1.5748 | 0 | 0.0368  | 1.6116 | 4.8093 | 0 | -0.8609 | 3.9485 |
| 616 | 85.2 | 81.6 | 1.571  | 0 | 0.0414  | 1.6125 | 4.7841 | 0 | -0.9343 | 3.8498 |
| 617 | 82.1 | 81   | 1.5669 | 0 | 0.0432  | 1.6101 | 4.7573 | 0 | -0.9362 | 3.8212 |
| 618 | 78.8 | 80.6 | 1.5627 | 0 | 0.0418  | 1.6046 | 4.7093 | 0 | -0.9805 | 3.7288 |
| 619 | 81.3 | 80.2 | 1.5578 | 0 | 0.0429  | 1.6007 | 4.6648 | 0 | -1.034  | 3.6308 |
| 620 | 80.3 | 80   | 1.5549 | 0 | 0.0478  | 1.6027 | 4.6041 | 0 | -1.0781 | 3.526  |

|     |      |      |        |   |        |        |        |   |         |        |
|-----|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 621 | 79.3 | 79.7 | 1.5508 | 0 | 0.0511 | 1.6019 | 4.574  | 0 | -1.1064 | 3.4677 |
| 622 | 80.8 | 79.3 | 1.5459 | 0 | 0.051  | 1.5968 | 4.9395 | 0 | -1.7039 | 3.2356 |
| 623 | 78.6 | 79.1 | 1.5415 | 0 | 0.0472 | 1.5887 | 5.8884 | 0 | -2.9184 | 2.9701 |
| 624 | 78.8 | 78.7 | 1.5372 | 0 | 0.0434 | 1.5806 | 6.2109 | 0 | -2.3461 | 3.8647 |
| 625 | 78.2 | 77.9 | 1.5332 | 0 | 0.0422 | 1.5754 | 6.1386 | 0 | -2.0914 | 4.0472 |
| 626 | 75.2 | 77   | 1.5298 | 0 | 0.0433 | 1.5732 | 6.042  | 0 | -1.9829 | 4.0591 |
| 627 | 77.8 | 76.5 | 1.5266 | 0 | 0.0443 | 1.5709 | 6.0584 | 0 | -2.0566 | 4.0018 |
| 628 | 75.2 | 76.2 | 1.5238 | 0 | 0.0436 | 1.5674 | 6.0071 | 0 | -2.1207 | 3.8864 |
| 629 | 76.4 | 75.6 | 1.5203 | 0 | 0.0452 | 1.5655 | 5.9412 | 0 | -2.2439 | 3.6973 |
| 630 | 76.2 | 74.9 | 1.5166 | 0 | 0.0419 | 1.5585 | 5.8793 | 0 | -2.3552 | 3.524  |
| 631 | 76.8 | 74.4 | 1.5134 | 0 | 0.0413 | 1.5547 | 5.8018 | 0 | -2.4147 | 3.387  |
| 632 | 76.5 | 73.8 | 1.5092 | 0 | 0.0424 | 1.5516 | 5.7957 | 0 | -2.4827 | 3.313  |
| 633 | 73.4 | 73.1 | 1.504  | 0 | 0.0416 | 1.5456 | 5.781  | 0 | -2.5807 | 3.2003 |
| 634 | 68.9 | 72.4 | 1.4992 | 0 | 0.0397 | 1.5389 | 5.7771 | 0 | -2.6374 | 3.1397 |
| 635 | 69.1 | 71.8 | 1.495  | 0 | 0.0432 | 1.5382 | 6.0831 | 0 | -2.129  | 3.954  |
| 636 | 71.1 | 71.5 | 1.489  | 0 | 0.0422 | 1.5312 | 6.3099 | 0 | -2.2056 | 4.1043 |
| 637 | 73.2 | 70.9 | 1.4844 | 0 | 0.0453 | 1.5297 | 6.2971 | 0 | -2.2165 | 4.0806 |
| 638 | 70.3 | 70.4 | 1.4808 | 0 | 0.0521 | 1.5329 | 6.2355 | 0 | -2.222  | 4.0135 |
| 639 | 67.6 | 69.7 | 1.4771 | 0 | 0.0599 | 1.537  | 6.1711 | 0 | -2.238  | 3.9332 |
| 640 | 68.7 | 69.2 | 1.4728 | 0 | 0.0636 | 1.5365 | 6.1306 | 0 | -2.3341 | 3.7964 |
| 641 | 69.7 | 68.7 | 1.4685 | 0 | 0.0635 | 1.532  | 6.0867 | 0 | -2.456  | 3.6308 |
| 642 | 66   | 67.9 | 1.4645 | 0 | 0.0643 | 1.5289 | 6.0304 | 0 | -2.5038 | 3.5266 |
| 643 | 66.1 | 67.3 | 1.4604 | 0 | 0.0665 | 1.5268 | 5.9772 | 0 | -2.5329 | 3.4443 |
| 644 | 67   | 67   | 1.4572 | 0 | 0.0685 | 1.5257 | 5.9684 | 0 | -2.5704 | 3.398  |
| 645 | 68   | 66.6 | 1.4531 | 0 | 0.0664 | 1.5195 | 5.9469 | 0 | -2.5991 | 3.3478 |
| 646 | 67.6 | 66   | 1.4483 | 0 | 0.0678 | 1.5162 | 5.909  | 0 | -2.5457 | 3.3633 |
| 647 | 64.5 | 65.3 | 1.4446 | 0 | 0.0716 | 1.5162 | 5.8976 | 0 | -2.6895 | 3.2081 |
| 648 | 63.4 | 64.8 | 1.4413 | 0 | 0.0773 | 1.5186 | 5.8273 | 0 | -2.7466 | 3.0807 |
| 649 | 66.6 | 64.5 | 1.4379 | 0 | 0.083  | 1.5208 | 5.6963 | 0 | -2.6103 | 3.086  |
| 650 | 66.9 | 63.9 | 1.4355 | 0 | 0.0845 | 1.5199 | 5.6692 | 0 | -2.5627 | 3.1064 |
| 651 | 61.2 | 63.4 | 1.4326 | 0 | 0.087  | 1.5196 | 5.6146 | 0 | -2.547  | 3.0676 |
| 652 | 63.1 | 63   | 1.4291 | 0 | 0.0909 | 1.52   | 5.564  | 0 | -2.5227 | 3.0413 |
| 653 | 62.4 | 62.6 | 1.4265 | 0 | 0.0943 | 1.5208 | 5.5235 | 0 | -2.5143 | 3.0092 |
| 654 | 61.7 | 61.9 | 1.4236 | 0 | 0.0969 | 1.5204 | 5.4913 | 0 | -2.519  | 2.9723 |
| 655 | 59.8 | 61.2 | 1.4208 | 0 | 0.0995 | 1.5203 | 5.5013 | 0 | -2.5609 | 2.9404 |
| 656 | 59.2 | 60.5 | 1.4176 | 0 | 0.1019 | 1.5195 | 5.4543 | 0 | -2.576  | 2.8783 |
| 657 | 61.7 | 59.8 | 1.4136 | 0 | 0.1031 | 1.5167 | 5.3977 | 0 | -2.5626 | 2.8351 |

|     |      |      |        |   |        |        |        |   |         |        |
|-----|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 658 | 61.4 | 59.3 | 1.4109 | 0 | 0.1039 | 1.5147 | 5.3675 | 0 | -2.5155 | 2.8519 |
| 659 | 58.7 | 58.5 | 1.4071 | 0 | 0.1058 | 1.5129 | 5.3364 | 0 | -2.4862 | 2.8502 |
| 660 | 58.5 | 57.7 | 1.4036 | 0 | 0.1041 | 1.5076 | 5.3241 | 0 | -2.4892 | 2.835  |
| 661 | 60.1 | 57.1 | 1.401  | 0 | 0.1052 | 1.5062 | 5.2991 | 0 | -2.5031 | 2.796  |
| 662 | 57.5 | 56.4 | 1.3985 | 0 | 0.1066 | 1.5051 | 5.2885 | 0 | -2.5256 | 2.7629 |
| 663 | 54.2 | 55.9 | 1.3961 | 0 | 0.1077 | 1.5038 | 5.2952 | 0 | -2.5597 | 2.7355 |
| 664 | 54.2 | 55.3 | 1.3935 | 0 | 0.1111 | 1.5046 | 5.2075 | 0 | -2.381  | 2.8265 |
| 665 | 54   | 55   | 1.39   | 0 | 0.1204 | 1.5103 | 5.2026 | 0 | -2.3763 | 2.8263 |
| 666 | 51.5 | 54.6 | 1.3868 | 0 | 0.1214 | 1.5082 | 5.221  | 0 | -2.3989 | 2.8221 |
| 667 | 53.3 | 53.9 | 1.3851 | 0 | 0.1247 | 1.5098 | 5.2085 | 0 | -2.3848 | 2.8237 |
| 668 | 52.4 | 53.3 | 1.3828 | 0 | 0.1251 | 1.5079 | 5.1899 | 0 | -2.3915 | 2.7985 |
| 669 | 51.6 | 52.9 | 1.3802 | 0 | 0.1259 | 1.5062 | 5.1616 | 0 | -2.4489 | 2.7127 |
| 670 | 50.3 | 52.3 | 1.3779 | 0 | 0.1277 | 1.5056 | 5.1023 | 0 | -2.4039 | 2.6983 |
| 671 | 50   | 51.6 | 1.3353 | 0 | 0.1878 | 1.5232 | 5.1314 | 0 | -2.3685 | 2.7629 |
| 672 | 52.1 | 50.9 | 1.2338 | 0 | 0.3077 | 1.5415 | 5.1028 | 0 | -2.3491 | 2.7537 |
| 673 | 51   | 50.4 | 1.1953 | 0 | 0.2477 | 1.4429 | 5.0584 | 0 | -2.2921 | 2.7663 |
| 674 | 53.5 | 49.7 | 1.1965 | 0 | 0.2195 | 1.416  | 5.0376 | 0 | -2.2949 | 2.7427 |
| 675 | 50.6 | 48.9 | 1.2001 | 0 | 0.2006 | 1.4006 | 5.0216 | 0 | -2.3399 | 2.6817 |
| 676 | 49.7 | 48.2 | 1.1928 | 0 | 0.1933 | 1.3862 | 4.9832 | 0 | -2.3494 | 2.6338 |
| 677 | 50.2 | 47.4 | 1.1903 | 0 | 0.1939 | 1.3842 | 4.9262 | 0 | -2.3261 | 2.6001 |
| 678 | 49.7 | 46.6 | 1.1913 | 0 | 0.1995 | 1.3909 | 4.8881 | 0 | -2.3269 | 2.5612 |
| 679 | 47.7 | 45.7 | 1.1916 | 0 | 0.2074 | 1.399  | 4.8694 | 0 | -2.335  | 2.5345 |
| 680 | 46.8 | 45   | 1.1932 | 0 | 0.2138 | 1.407  | 4.8289 | 0 | -2.3214 | 2.5075 |
| 681 | 44.9 | 44.3 | 1.1879 | 0 | 0.2206 | 1.4086 | 4.7944 | 0 | -2.353  | 2.4414 |
| 682 | 43.2 | 43.4 | 1.1837 | 0 | 0.2267 | 1.4104 | 4.7783 | 0 | -2.3502 | 2.4281 |
| 683 | 41.4 | 42.7 | 1.1784 | 0 | 0.2323 | 1.4108 | 4.7586 | 0 | -2.3332 | 2.4254 |
| 684 | 39.1 | 42   | 1.1415 | 0 | 0.2385 | 1.38   | 4.7458 | 0 | -2.391  | 2.3548 |
| 685 | 38.2 | 41.3 | 1.1127 | 0 | 0.2418 | 1.3545 | 4.6989 | 0 | -2.439  | 2.2599 |
| 686 | 38.2 | 40.8 | 1.1086 | 0 | 0.2432 | 1.3518 | 4.6708 | 0 | -2.3904 | 2.2804 |
| 687 | 37.3 | 40.2 | 1.109  | 0 | 0.2467 | 1.3558 | 4.6436 | 0 | -2.4832 | 2.1604 |
| 688 | 34.8 | 39.7 | 1.1096 | 0 | 0.2494 | 1.3591 | 4.6438 | 0 | -2.5298 | 2.114  |
| 689 | 36.5 | 39.3 | 1.1079 | 0 | 0.2551 | 1.363  | 4.652  | 0 | -2.4716 | 2.1804 |
| 690 | 36.4 | 38.9 | 1.1063 | 0 | 0.2569 | 1.3632 | 4.6469 | 0 | -2.3991 | 2.2478 |
| 691 | 36   | 38.6 | 1.1062 | 0 | 0.2598 | 1.366  | 4.652  | 0 | -2.3867 | 2.2654 |
| 692 | 37.9 | 38.3 | 1.104  | 0 | 0.2605 | 1.3644 | 4.6323 | 0 | -2.3918 | 2.2405 |
| 693 | 39.3 | 38.2 | 1.0999 | 0 | 0.2608 | 1.3607 | 4.633  | 0 | -2.3868 | 2.2462 |
| 694 | 37.1 | 38.3 | 1.0972 | 0 | 0.263  | 1.3602 | 4.6199 | 0 | -2.3613 | 2.2586 |

|     |      |      |        |   |        |        |        |   |         |        |
|-----|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 695 | 39.6 | 38.4 | 1.0964 | 0 | 0.256  | 1.3525 | 4.6077 | 0 | -2.3261 | 2.2816 |
| 696 | 39.5 | 38.6 | 1.0927 | 0 | 0.2633 | 1.3561 | 4.5889 | 0 | -2.3405 | 2.2484 |
| 697 | 40.1 | 38.9 | 1.0908 | 0 | 0.2651 | 1.3558 | 4.5653 | 0 | -2.3272 | 2.238  |
| 698 | 40.4 | 39.2 | 1.0885 | 0 | 0.2647 | 1.3532 | 4.5431 | 0 | -2.2653 | 2.2778 |
| 699 | 39.6 | 39.4 | 1.0868 | 0 | 0.2647 | 1.3514 | 4.5331 | 0 | -2.1975 | 2.3356 |
| 700 | 38.3 | 39.6 | 1.0862 | 0 | 0.2646 | 1.3508 | 4.5228 | 0 | -2.1722 | 2.3506 |
| 701 | 37.9 | 39.9 | 1.0859 | 0 | 0.2648 | 1.3507 | 4.5284 | 0 | -2.2179 | 2.3105 |
| 702 | 39   | 40.1 | 1.0842 | 0 | 0.2673 | 1.3515 | 4.4863 | 0 | -2.1886 | 2.2977 |
| 703 | 40.7 | 40.3 | 1.0818 | 0 | 0.2723 | 1.3541 | 4.4204 | 0 | -2.106  | 2.3144 |
| 704 | 42   | 40.5 | 1.0756 | 0 | 0.28   | 1.3557 | 4.3767 | 0 | -2.0238 | 2.3528 |
| 705 | 41.4 | 40.6 | 1.0749 | 0 | 0.2804 | 1.3553 | 4.3581 | 0 | -1.9649 | 2.3933 |
| 706 | 42.2 | 40.6 | 1.0751 | 0 | 0.2795 | 1.3546 | 4.3583 | 0 | -1.9304 | 2.4279 |
| 707 | 40.8 | 40.7 | 1.0737 | 0 | 0.2788 | 1.3526 | 4.3296 | 0 | -1.8989 | 2.4308 |
| 708 | 39.9 | 40.7 | 1.0707 | 0 | 0.2799 | 1.3506 | 4.3016 | 0 | -1.8649 | 2.4367 |
| 709 | 41.1 | 40.7 | 1.0678 | 0 | 0.282  | 1.3498 | 4.2986 | 0 | -1.8342 | 2.4645 |
| 710 | 40.3 | 40.9 | 1.0666 | 0 | 0.282  | 1.3486 | 4.2731 | 0 | -1.7994 | 2.4736 |
| 711 | 43   | 41   | 1.0631 | 0 | 0.2817 | 1.3448 | 4.2449 | 0 | -1.8001 | 2.4448 |
| 712 | 41.8 | 41   | 1.058  | 0 | 0.2858 | 1.3438 | 4.2293 | 0 | -1.7654 | 2.4639 |
| 713 | 42   | 41   | 1.063  | 0 | 0.2717 | 1.3347 | 4.2172 | 0 | -1.7355 | 2.4817 |
| 714 | 40.6 | 40.8 | 1.0579 | 0 | 0.2713 | 1.3293 | 4.2138 | 0 | -1.7291 | 2.4847 |
| 715 | 41   | 40.7 | 1.0527 | 0 | 0.2767 | 1.3294 | 4.2072 | 0 | -1.6978 | 2.5094 |
| 716 | 41.4 | 40.5 | 1.0502 | 0 | 0.2799 | 1.3301 | 4.2091 | 0 | -1.625  | 2.5841 |
| 717 | 40.2 | 40.3 | 1.0479 | 0 | 0.2823 | 1.3302 | 4.199  | 0 | -1.6211 | 2.5779 |
| 718 | 40.5 | 40.1 | 1.0466 | 0 | 0.2867 | 1.3333 | 4.1991 | 0 | -1.5944 | 2.6047 |
| 719 | 40.8 | 39.9 | 1.0475 | 0 | 0.2833 | 1.3309 | 4.2117 | 0 | -1.6183 | 2.5934 |
| 720 | 39.9 | 39.8 | 1.0418 | 0 | 0.2846 | 1.3264 | 4.2233 | 0 | -1.6384 | 2.5849 |
| 721 | 39.7 | 39.6 | 1.0406 | 0 | 0.286  | 1.3265 | 4.2281 | 0 | -1.6743 | 2.5537 |
| 722 | 39.7 | 39.3 | 1.04   | 0 | 0.2802 | 1.3202 | 3.7853 | 0 | -1.0603 | 2.725  |
| 723 | 39.4 | 39   | 1.0377 | 0 | 0.2767 | 1.3144 | 2.7809 | 0 | 0.1478  | 2.9286 |
| 724 | 38.8 | 38.8 | 1.035  | 0 | 0.2774 | 1.3125 | 2.4122 | 0 | -0.4401 | 1.9721 |
| 725 | 37.9 | 38.6 | 1.0349 | 0 | 0.2772 | 1.3121 | 2.4385 | 0 | -0.7086 | 1.7299 |
| 726 | 37.7 | 38.4 | 1.0372 | 0 | 0.2759 | 1.3132 | 2.4953 | 0 | -0.8946 | 1.6007 |
| 727 | 36.6 | 38.3 | 1.0378 | 0 | 0.277  | 1.3148 | 2.4609 | 0 | -0.9732 | 1.4877 |
| 728 | 37.5 | 38.1 | 1.0369 | 0 | 0.2771 | 1.314  | 2.4803 | 0 | -0.9712 | 1.5091 |
| 729 | 38.5 | 37.9 | 1.0374 | 0 | 0.2774 | 1.3148 | 2.516  | 0 | -0.9405 | 1.5755 |
| 730 | 37.8 | 37.7 | 1.0371 | 0 | 0.2772 | 1.3144 | 2.5581 | 0 | -0.9057 | 1.6524 |
| 731 | 36.4 | 37.6 | 1.0356 | 0 | 0.2763 | 1.3119 | 2.5903 | 0 | -0.8531 | 1.7372 |

|     |      |      |        |   |        |        |        |   |         |        |
|-----|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 732 | 36   | 37.5 | 1.0333 | 0 | 0.2757 | 1.3091 | 2.5474 | 0 | -0.8011 | 1.7464 |
| 733 | 36.5 | 37.4 | 1.0294 | 0 | 0.2807 | 1.3101 | 2.521  | 0 | -0.759  | 1.7619 |
| 734 | 37.3 | 37.3 | 1.0293 | 0 | 0.2836 | 1.3129 | 2.4878 | 0 | -0.6999 | 1.7879 |
| 735 | 38.5 | 37.2 | 1.028  | 0 | 0.2822 | 1.3102 | 2.1288 | 0 | -0.6406 | 1.4882 |
| 736 | 37.9 | 37   | 1.0247 | 0 | 0.2905 | 1.3151 | 1.8446 | 0 | -0.6139 | 1.2307 |
| 737 | 37.2 | 37   | 1.02   | 0 | 0.2983 | 1.3183 | 1.8159 | 0 | -0.5941 | 1.2218 |
| 738 | 36.8 | 37   | 1.0156 | 0 | 0.2993 | 1.3148 | 1.8254 | 0 | -0.5691 | 1.2563 |
| 739 | 35.9 | 36.9 | 1.0124 | 0 | 0.2998 | 1.3122 | 1.8343 | 0 | -0.5323 | 1.3021 |
| 740 | 37.6 | 36.8 | 1.0076 | 0 | 0.3023 | 1.3099 | 1.8178 | 0 | -0.445  | 1.3728 |
| 741 | 38.2 | 36.8 | 1.0053 | 0 | 0.3027 | 1.3079 | 1.7988 | 0 | -0.3979 | 1.4009 |
| 742 | 37.1 | 36.8 | 1.0012 | 0 | 0.303  | 1.3042 | 1.7945 | 0 | -0.3634 | 1.431  |
| 743 | 36.8 | 36.8 | 0.9984 | 0 | 0.3026 | 1.301  | 1.7437 | 0 | -0.3352 | 1.4085 |
| 744 | 35.9 | 36.7 | 0.9964 | 0 | 0.3011 | 1.2975 | 1.7245 | 0 | -0.3683 | 1.3562 |
| 745 | 35.5 | 36.6 | 0.9942 | 0 | 0.3005 | 1.2947 | 1.7155 | 0 | -0.3461 | 1.3694 |
| 746 | 36.3 | 36.5 | 0.9918 | 0 | 0.3006 | 1.2924 | 1.7253 | 0 | -0.4088 | 1.3165 |
| 747 | 36.5 | 36.5 | 0.9903 | 0 | 0.2981 | 1.2884 | 1.6944 | 0 | -0.3073 | 1.3871 |
| 748 | 37.2 | 36.6 | 0.988  | 0 | 0.297  | 1.285  | 1.6817 | 0 | -0.2632 | 1.4185 |
| 749 | 35.7 | 36.7 | 0.9856 | 0 | 0.3002 | 1.2858 | 1.6822 | 0 | -0.2726 | 1.4096 |
| 750 | 36.1 | 36.8 | 0.9826 | 0 | 0.3063 | 1.2889 | 1.6914 | 0 | -0.2933 | 1.3981 |
| 751 | 36.4 | 36.8 | 0.984  | 0 | 0.3058 | 1.2898 | 1.7206 | 0 | -0.3119 | 1.4088 |
| 752 | 36.2 | 36.8 | 0.9871 | 0 | 0.3015 | 1.2886 | 1.7236 | 0 | -0.311  | 1.4126 |
| 753 | 35.9 | 36.8 | 0.9889 | 0 | 0.2967 | 1.2855 | 1.7228 | 0 | -0.2554 | 1.4674 |
| 754 | 36.1 | 36.9 | 0.9878 | 0 | 0.2934 | 1.2811 | 1.7164 | 0 | -0.2256 | 1.4908 |
| 755 | 37.1 | 37   | 0.985  | 0 | 0.2926 | 1.2775 | 1.667  | 0 | -0.1657 | 1.5013 |
| 756 | 35.8 | 37.1 | 0.9846 | 0 | 0.2918 | 1.2764 | 1.6759 | 0 | -0.1806 | 1.4953 |
| 757 | 38.8 | 37.2 | 0.9834 | 0 | 0.2896 | 1.273  | 1.7033 | 0 | -0.2276 | 1.4757 |
| 758 | 39.3 | 37.1 | 0.981  | 0 | 0.2873 | 1.2683 | 1.708  | 0 | -0.2302 | 1.4778 |
| 759 | 39.2 | 37.2 | 0.9798 | 0 | 0.2857 | 1.2655 | 1.6741 | 0 | -0.2043 | 1.4698 |
| 760 | 37.8 | 37.2 | 0.9791 | 0 | 0.2841 | 1.2632 | 1.6599 | 0 | -0.1734 | 1.4864 |
| 761 | 35.9 | 37.3 | 0.978  | 0 | 0.2818 | 1.2598 | 1.6568 | 0 | -0.1695 | 1.4873 |
| 762 | 37.4 | 37.5 | 0.9768 | 0 | 0.2802 | 1.257  | 1.6383 | 0 | -0.1673 | 1.471  |
| 763 | 37.5 | 37.6 | 0.9747 | 0 | 0.2806 | 1.2553 | 1.6062 | 0 | -0.1359 | 1.4702 |
| 764 | 37.5 | 37.5 | 0.9728 | 0 | 0.2809 | 1.2537 | 1.6739 | 0 | -0.3111 | 1.3628 |
| 765 | 38.6 | 37.4 | 0.969  | 0 | 0.2829 | 1.2519 | 1.6589 | 0 | -0.3502 | 1.3087 |
| 766 | 37.8 | 37.4 | 0.9669 | 0 | 0.2835 | 1.2504 | 1.602  | 0 | -0.2992 | 1.3027 |
| 767 | 36.5 | 37.2 | 0.9652 | 0 | 0.2841 | 1.2493 | 1.6093 | 0 | -0.2909 | 1.3184 |
| 768 | 37.1 | 36.9 | 0.9616 | 0 | 0.287  | 1.2486 | 1.6079 | 0 | -0.2879 | 1.32   |

|     |      |      |        |   |        |        |        |   |         |        |
|-----|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 769 | 36   | 36.7 | 0.9579 | 0 | 0.2898 | 1.2477 | 1.6047 | 0 | -0.2425 | 1.3623 |
| 770 | 39.2 | 36.6 | 0.9551 | 0 | 0.2951 | 1.2502 | 1.62   | 0 | -0.2646 | 1.3553 |
| 771 | 38.8 | 36.6 | 0.9568 | 0 | 0.2939 | 1.2507 | 1.5715 | 0 | -0.2332 | 1.3383 |
| 772 | 37.6 | 36.4 | 0.9558 | 0 | 0.2929 | 1.2487 | 1.5755 | 0 | -0.192  | 1.3835 |
| 773 | 35.5 | 36.3 | 0.954  | 0 | 0.2917 | 1.2457 | 1.582  | 0 | -0.2545 | 1.3276 |
| 774 | 34.5 | 36.2 | 0.9527 | 0 | 0.2904 | 1.243  | 1.5926 | 0 | -0.3017 | 1.2909 |
| 775 | 35.7 | 36   | 0.9505 | 0 | 0.29   | 1.2405 | 1.5703 | 0 | -0.2882 | 1.2821 |
| 776 | 35.8 | 35.9 | 0.9467 | 0 | 0.2907 | 1.2374 | 1.5846 | 0 | -0.2961 | 1.2885 |
| 777 | 33.3 | 35.8 | 0.9423 | 0 | 0.291  | 1.2333 | 1.6277 | 0 | -0.314  | 1.3137 |
| 778 | 35   | 35.7 | 0.9397 | 0 | 0.2936 | 1.2333 | 1.6555 | 0 | -0.3082 | 1.3473 |
| 779 | 36   | 35.6 | 0.9358 | 0 | 0.298  | 1.2337 | 1.6734 | 0 | -0.3155 | 1.3579 |
| 780 | 35.1 | 35.3 | 0.9341 | 0 | 0.2991 | 1.2332 | 1.689  | 0 | -0.3114 | 1.3775 |
| 781 | 34.5 | 35   | 0.9332 | 0 | 0.3007 | 1.2339 | 1.7059 | 0 | -0.3409 | 1.365  |
| 782 | 34.8 | 34.9 | 0.9316 | 0 | 0.3026 | 1.2342 | 1.699  | 0 | -0.3495 | 1.3494 |
| 783 | 34.9 | 34.8 | 0.9296 | 0 | 0.3023 | 1.232  | 1.6821 | 0 | -0.3613 | 1.3208 |
| 784 | 34.8 | 34.9 | 0.9287 | 0 | 0.3026 | 1.2312 | 1.6552 | 0 | -0.3095 | 1.3456 |
| 785 | 36   | 34.9 | 0.9282 | 0 | 0.3032 | 1.2314 | 1.6692 | 0 | -0.2727 | 1.3965 |
| 786 | 35.3 | 34.8 | 0.927  | 0 | 0.3026 | 1.2296 | 1.6704 | 0 | -0.2837 | 1.3867 |
| 787 | 35.2 | 35   | 0.9265 | 0 | 0.3036 | 1.2301 | 1.6585 | 0 | -0.2063 | 1.4522 |
| 788 | 34.1 | 35   | 0.9262 | 0 | 0.3026 | 1.2288 | 1.6237 | 0 | -0.142  | 1.4816 |
| 789 | 33   | 35   | 0.9261 | 0 | 0.2996 | 1.2257 | 1.6154 | 0 | -0.1705 | 1.4449 |
| 790 | 33.7 | 35   | 0.9264 | 0 | 0.2967 | 1.2231 | 1.6076 | 0 | -0.1886 | 1.419  |
| 791 | 35.3 | 34.9 | 0.9267 | 0 | 0.2962 | 1.2229 | 1.5962 | 0 | -0.1809 | 1.4154 |
| 792 | 34.7 | 34.9 | 0.9296 | 0 | 0.294  | 1.2236 | 1.5987 | 0 | -0.1796 | 1.4192 |
| 793 | 35.9 | 34.8 | 0.9274 | 0 | 0.2976 | 1.225  | 1.5578 | 0 | -0.1531 | 1.4047 |
| 794 | 35.2 | 34.8 | 0.9256 | 0 | 0.2976 | 1.2233 | 1.5176 | 0 | -0.1199 | 1.3978 |
| 795 | 34.9 | 34.6 | 0.9239 | 0 | 0.2969 | 1.2208 | 1.5131 | 0 | -0.12   | 1.3931 |
| 796 | 35.5 | 34.4 | 0.9233 | 0 | 0.2941 | 1.2174 | 1.5115 | 0 | -0.1582 | 1.3534 |
| 797 | 36.3 | 34.3 | 0.9226 | 0 | 0.2914 | 1.214  | 1.5364 | 0 | -0.2152 | 1.3212 |
| 798 | 36.4 | 34.3 | 0.9203 | 0 | 0.292  | 1.2123 | 1.5059 | 0 | -0.2115 | 1.2945 |
| 799 | 33.9 | 34.3 | 0.9176 | 0 | 0.294  | 1.2116 | 1.4898 | 0 | -0.2175 | 1.2724 |
| 800 | 33.7 | 34.4 | 0.9142 | 0 | 0.2958 | 1.21   | 1.4857 | 0 | -0.1949 | 1.2907 |
| 801 | 34.3 | 34.2 | 0.9136 | 0 | 0.2959 | 1.2095 | 1.4725 | 0 | -0.1346 | 1.3378 |
| 802 | 33.7 | 34.1 | 0.912  | 0 | 0.2928 | 1.2048 | 1.505  | 0 | -0.1369 | 1.3681 |
| 803 | 33.2 | 33.9 | 0.9102 | 0 | 0.2948 | 1.205  | 1.5506 | 0 | -0.1831 | 1.3675 |
| 804 | 32.7 | 33.9 | 0.9089 | 0 | 0.2966 | 1.2055 | 1.5912 | 0 | -0.2247 | 1.3665 |
| 805 | 32.6 | 33.8 | 0.9073 | 0 | 0.2984 | 1.2058 | 1.6125 | 0 | -0.2634 | 1.349  |

|     |      |      |        |   |        |        |        |   |         |        |
|-----|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 806 | 33.1 | 33.7 | 0.9048 | 0 | 0.3022 | 1.207  | 1.5946 | 0 | -0.2789 | 1.3157 |
| 807 | 32.9 | 33.5 | 0.9029 | 0 | 0.3019 | 1.2048 | 1.6039 | 0 | -0.2941 | 1.3097 |
| 808 | 34.3 | 33.4 | 0.9033 | 0 | 0.3003 | 1.2036 | 1.6149 | 0 | -0.3104 | 1.3045 |
| 809 | 34.5 | 33.3 | 0.9018 | 0 | 0.2993 | 1.2011 | 1.6036 | 0 | -0.3101 | 1.2935 |
| 810 | 32.8 | 33.3 | 0.9009 | 0 | 0.2989 | 1.1998 | 1.6114 | 0 | -0.3303 | 1.2811 |
| 811 | 32   | 33.2 | 0.8992 | 0 | 0.2984 | 1.1977 | 1.6272 | 0 | -0.3375 | 1.2897 |
| 812 | 33   | 33.1 | 0.8974 | 0 | 0.2994 | 1.1968 | 1.6391 | 0 | -0.3568 | 1.2823 |
| 813 | 34   | 33.2 | 0.8956 | 0 | 0.3028 | 1.1984 | 1.6457 | 0 | -0.3935 | 1.2522 |
| 814 | 33.3 | 33.3 | 0.8921 | 0 | 0.3063 | 1.1984 | 1.6651 | 0 | -0.4198 | 1.2453 |
| 815 | 33.6 | 33.3 | 0.8925 | 0 | 0.3066 | 1.1991 | 1.6748 | 0 | -0.4377 | 1.2371 |
| 816 | 33.3 | 33.3 | 0.8893 | 0 | 0.309  | 1.1982 | 1.6327 | 0 | -0.4237 | 1.209  |
| 817 | 33.6 | 33.3 | 0.8872 | 0 | 0.3111 | 1.1982 | 1.6125 | 0 | -0.4178 | 1.1947 |
| 818 | 33.2 | 33.3 | 0.8861 | 0 | 0.311  | 1.1971 | 1.6045 | 0 | -0.4013 | 1.2031 |
| 819 | 32.6 | 33.3 | 0.8855 | 0 | 0.3098 | 1.1953 | 1.582  | 0 | -0.3838 | 1.1982 |
| 820 | 32.3 | 33.4 | 0.8846 | 0 | 0.3079 | 1.1926 | 1.5592 | 0 | -0.3611 | 1.1981 |
| 821 | 32.4 | 33.6 | 0.883  | 0 | 0.3052 | 1.1882 | 1.5447 | 0 | -0.3133 | 1.2314 |
| 822 | 34.1 | 33.6 | 0.8818 | 0 | 0.3056 | 1.1875 | 1.5762 | 0 | -0.3216 | 1.2546 |
| 823 | 34.5 | 33.6 | 0.8785 | 0 | 0.3068 | 1.1853 | 1.5845 | 0 | -0.3222 | 1.2623 |
| 824 | 33.1 | 33.6 | 0.878  | 0 | 0.3063 | 1.1843 | 1.5908 | 0 | -0.3505 | 1.2403 |
| 825 | 32.6 | 33.6 | 0.8764 | 0 | 0.3068 | 1.1832 | 1.5934 | 0 | -0.3595 | 1.234  |
| 826 | 33.4 | 33.6 | 0.8745 | 0 | 0.3073 | 1.1818 | 1.6033 | 0 | -0.381  | 1.2223 |
| 827 | 34.6 | 33.6 | 0.8722 | 0 | 0.3078 | 1.18   | 1.5845 | 0 | -0.3789 | 1.2056 |
| 828 | 35.1 | 33.7 | 0.8695 | 0 | 0.3087 | 1.1782 | 1.5424 | 0 | -0.3586 | 1.1838 |
| 829 | 34.1 | 33.8 | 0.8685 | 0 | 0.3085 | 1.177  | 1.5211 | 0 | -0.315  | 1.2061 |
| 830 | 35.1 | 33.9 | 0.8666 | 0 | 0.3113 | 1.1779 | 1.4914 | 0 | -0.2694 | 1.2219 |
| 831 | 33.7 | 34   | 0.8657 | 0 | 0.3112 | 1.1769 | 1.4881 | 0 | -0.2683 | 1.2198 |
| 832 | 33.6 | 34   | 0.8651 | 0 | 0.3119 | 1.177  | 1.5032 | 0 | -0.2462 | 1.257  |
| 833 | 33.9 | 33.9 | 0.8639 | 0 | 0.3117 | 1.1756 | 1.4987 | 0 | -0.1894 | 1.3093 |
| 834 | 33.2 | 33.9 | 0.8624 | 0 | 0.3109 | 1.1733 | 1.502  | 0 | -0.1624 | 1.3395 |
| 835 | 32.5 | 34   | 0.8609 | 0 | 0.3106 | 1.1715 | 1.5129 | 0 | -0.148  | 1.3648 |
| 836 | 34   | 34.1 | 0.8588 | 0 | 0.3111 | 1.1699 | 1.5356 | 0 | -0.1639 | 1.3717 |
| 837 | 35.2 | 34.2 | 0.8576 | 0 | 0.3125 | 1.1701 | 1.5468 | 0 | -0.1775 | 1.3693 |
| 838 | 34.2 | 34.2 | 0.8541 | 0 | 0.3163 | 1.1704 | 1.5518 | 0 | -0.1327 | 1.4191 |
| 839 | 34.7 | 34.2 | 0.8516 | 0 | 0.3187 | 1.1703 | 1.5493 | 0 | -0.1035 | 1.4458 |
| 840 | 34.9 | 34.2 | 0.848  | 0 | 0.3204 | 1.1684 | 1.5609 | 0 | -0.1064 | 1.4545 |
| 841 | 33.7 | 34.3 | 0.8454 | 0 | 0.3206 | 1.166  | 1.5864 | 0 | -0.1206 | 1.4658 |
| 842 | 32.8 | 34.4 | 0.8455 | 0 | 0.3183 | 1.1638 | 1.6129 | 0 | -0.1067 | 1.5062 |

|     |      |      |        |   |        |        |        |   |         |        |
|-----|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 843 | 33.2 | 34.4 | 0.8466 | 0 | 0.3146 | 1.1612 | 1.6623 | 0 | -0.1104 | 1.552  |
| 844 | 33.6 | 34.6 | 0.8451 | 0 | 0.3131 | 1.1582 | 1.6654 | 0 | -0.0704 | 1.595  |
| 845 | 35.2 | 34.8 | 0.8431 | 0 | 0.3163 | 1.1594 | 1.6783 | 0 | -0.0726 | 1.6057 |
| 846 | 36.4 | 34.9 | 0.8382 | 0 | 0.3221 | 1.1602 | 1.689  | 0 | -0.0791 | 1.6098 |
| 847 | 35.7 | 35   | 0.8397 | 0 | 0.3193 | 1.159  | 1.6947 | 0 | -0.1259 | 1.5688 |
| 848 | 34.9 | 35.1 | 0.839  | 0 | 0.3188 | 1.1578 | 1.6843 | 0 | -0.109  | 1.5753 |
| 849 | 34.9 | 35.2 | 0.837  | 0 | 0.3197 | 1.1567 | 1.6746 | 0 | -0.0718 | 1.6028 |
| 850 | 35.2 | 35.4 | 0.8354 | 0 | 0.3197 | 1.1551 | 1.6556 | 0 | -0.0416 | 1.614  |
| 851 | 34.7 | 35.5 | 0.8335 | 0 | 0.3195 | 1.153  | 1.627  | 0 | -0.0107 | 1.6163 |
| 852 | 34.8 | 35.6 | 0.832  | 0 | 0.3198 | 1.1518 | 1.6263 | 0 | -0.0024 | 1.6239 |
| 853 | 37   | 35.8 | 0.8298 | 0 | 0.3191 | 1.1489 | 1.6114 | 0 | -0.0413 | 1.5701 |
| 854 | 36.6 | 36.1 | 0.8265 | 0 | 0.3197 | 1.1462 | 1.6167 | 0 | -0.0211 | 1.5956 |
| 855 | 35.8 | 36.3 | 0.8255 | 0 | 0.3204 | 1.146  | 1.6271 | 0 | -0.0087 | 1.6184 |
| 856 | 36.1 | 36.3 | 0.8242 | 0 | 0.3212 | 1.1454 | 1.6289 | 0 | 0.0099  | 1.6388 |
| 857 | 37.1 | 36.3 | 0.8219 | 0 | 0.3207 | 1.1426 | 1.6134 | 0 | 0.0757  | 1.6891 |
| 858 | 37.2 | 36.4 | 0.8206 | 0 | 0.3183 | 1.1389 | 1.611  | 0 | 0.0557  | 1.6667 |
| 859 | 37   | 36.6 | 0.8186 | 0 | 0.3188 | 1.1374 | 1.636  | 0 | 0.054   | 1.6899 |
| 860 | 36.1 | 36.7 | 0.8164 | 0 | 0.3178 | 1.1342 | 1.6356 | 0 | 0.0494  | 1.685  |
| 861 | 35.7 | 37   | 0.8141 | 0 | 0.3175 | 1.1316 | 1.6472 | 0 | 0.0485  | 1.6957 |
| 862 | 36.7 | 37.2 | 0.8122 | 0 | 0.3195 | 1.1317 | 1.6553 | 0 | 0.0466  | 1.7019 |
| 863 | 38.2 | 37.2 | 0.8082 | 0 | 0.3226 | 1.1308 | 1.6546 | 0 | 0.0506  | 1.7052 |
| 864 | 38.7 | 37.2 | 0.8053 | 0 | 0.3247 | 1.13   | 1.6586 | 0 | 0.0912  | 1.7498 |
| 865 | 37.3 | 37.2 | 0.8058 | 0 | 0.3252 | 1.131  | 1.6286 | 0 | 0.1831  | 1.8116 |
| 866 | 35.7 | 37.2 | 0.8056 | 0 | 0.3253 | 1.1309 | 1.6313 | 0 | 0.2109  | 1.8421 |
| 867 | 37.2 | 37.2 | 0.8048 | 0 | 0.3243 | 1.129  | 1.6083 | 0 | 0.2389  | 1.8473 |
| 868 | 37.7 | 37.1 | 0.8034 | 0 | 0.3253 | 1.1287 | 1.6076 | 0 | 0.2714  | 1.879  |
| 869 | 38.5 | 37   | 0.802  | 0 | 0.3259 | 1.1279 | 1.6129 | 0 | 0.2893  | 1.9022 |
| 870 | 38.8 | 37   | 0.8006 | 0 | 0.3265 | 1.1271 | 1.6161 | 0 | 0.3187  | 1.9348 |
| 871 | 38.4 | 37   | 0.7992 | 0 | 0.326  | 1.1252 | 1.6181 | 0 | 0.335   | 1.9531 |
| 872 | 37.5 | 36.9 | 0.7973 | 0 | 0.3251 | 1.1225 | 1.6354 | 0 | 0.3429  | 1.9783 |
| 873 | 36.5 | 36.8 | 0.795  | 0 | 0.3267 | 1.1217 | 1.637  | 0 | 0.3756  | 2.0126 |
| 874 | 36.6 | 36.6 | 0.7933 | 0 | 0.3263 | 1.1196 | 1.6107 | 0 | 0.3909  | 2.0015 |
| 875 | 36.5 | 36.5 | 0.7902 | 0 | 0.3281 | 1.1183 | 1.6148 | 0 | 0.3763  | 1.9911 |
| 876 | 36.5 | 36.4 | 0.7883 | 0 | 0.3285 | 1.1168 | 1.6102 | 0 | 0.3795  | 1.9898 |
| 877 | 35.5 | 36.2 | 0.788  | 0 | 0.3269 | 1.1149 | 1.602  | 0 | 0.3965  | 1.9985 |
| 878 | 35   | 36   | 0.7876 | 0 | 0.3251 | 1.1127 | 1.5875 | 0 | 0.4277  | 2.0153 |
| 879 | 35.3 | 35.7 | 0.7866 | 0 | 0.3249 | 1.1115 | 1.5765 | 0 | 0.4527  | 2.0292 |

|     |      |      |        |   |        |        |        |   |         |        |
|-----|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 880 | 35.6 | 35.4 | 0.7853 | 0 | 0.3259 | 1.1113 | 1.579  | 0 | 0.4629  | 2.0419 |
| 881 | 36.2 | 35   | 0.7829 | 0 | 0.3253 | 1.1082 | 1.5664 | 0 | 0.4842  | 2.0505 |
| 882 | 34.9 | 34.8 | 0.7817 | 0 | 0.3216 | 1.1033 | 1.5729 | 0 | 0.4769  | 2.0497 |
| 883 | 35.5 | 34.7 | 0.7794 | 0 | 0.3186 | 1.098  | 1.5852 | 0 | 0.4866  | 2.0717 |
| 884 | 35.1 | 34.5 | 0.7774 | 0 | 0.3174 | 1.0947 | 1.5881 | 0 | 0.4991  | 2.0872 |
| 885 | 34.4 | 34.4 | 0.7747 | 0 | 0.3196 | 1.0942 | 1.5961 | 0 | 0.5205  | 2.1166 |
| 886 | 33.7 | 34.2 | 0.7723 | 0 | 0.3204 | 1.0927 | 1.5712 | 0 | 0.5518  | 2.123  |
| 887 | 33   | 34.1 | 0.7713 | 0 | 0.3169 | 1.0882 | 1.5549 | 0 | 0.5787  | 2.1336 |
| 888 | 32.5 | 34   | 0.7713 | 0 | 0.313  | 1.0843 | 1.5579 | 0 | 0.6063  | 2.1642 |
| 889 | 33.1 | 34   | 0.7701 | 0 | 0.3102 | 1.0803 | 1.5373 | 0 | 0.6512  | 2.1885 |
| 890 | 32.4 | 34   | 0.7678 | 0 | 0.3088 | 1.0765 | 1.5284 | 0 | 0.6922  | 2.2207 |
| 891 | 33.7 | 33.9 | 0.7654 | 0 | 0.3068 | 1.0723 | 1.5061 | 0 | 0.7469  | 2.253  |
| 892 | 33.5 | 33.9 | 0.7634 | 0 | 0.305  | 1.0684 | 1.4883 | 0 | 0.7938  | 2.2821 |
| 893 | 33.6 | 33.9 | 0.7609 | 0 | 0.3046 | 1.0655 | 1.4976 | 0 | 0.8073  | 2.3048 |
| 894 | 33.9 | 33.8 | 0.7578 | 0 | 0.3049 | 1.0627 | 1.5153 | 0 | 0.7759  | 2.2912 |
| 895 | 32.7 | 33.8 | 0.755  | 0 | 0.3048 | 1.0598 | 1.5123 | 0 | 0.7675  | 2.2798 |
| 896 | 34.3 | 33.8 | 0.7538 | 0 | 0.3067 | 1.0605 | 1.5078 | 0 | 0.7799  | 2.2877 |
| 897 | 32.9 | 33.9 | 0.7542 | 0 | 0.3023 | 1.0564 | 1.4685 | 0 | 0.8325  | 2.3009 |
| 898 | 35.2 | 33.9 | 0.7528 | 0 | 0.2992 | 1.052  | 1.4885 | 0 | 0.8269  | 2.3154 |
| 899 | 35.8 | 33.9 | 0.7521 | 0 | 0.2981 | 1.0502 | 1.4887 | 0 | 0.8416  | 2.3302 |
| 900 | 34.8 | 33.9 | 0.7514 | 0 | 0.2969 | 1.0483 | 1.4754 | 0 | 0.8366  | 2.312  |
| 901 | 34.4 | 33.9 | 0.7509 | 0 | 0.2961 | 1.0471 | 1.4663 | 0 | 0.8811  | 2.3473 |
| 902 | 35.5 | 34   | 0.7508 | 0 | 0.2969 | 1.0477 | 1.4541 | 0 | 0.8881  | 2.3422 |
| 903 | 33.5 | 34   | 0.7485 | 0 | 0.2969 | 1.0454 | 1.4459 | 0 | 0.9391  | 2.385  |
| 904 | 33.1 | 33.9 | 0.7462 | 0 | 0.2975 | 1.0437 | 1.4387 | 0 | 0.973   | 2.4117 |
| 905 | 34.4 | 34   | 0.7444 | 0 | 0.2974 | 1.0419 | 1.4191 | 0 | 0.977   | 2.3961 |
| 906 | 35.3 | 34   | 0.7435 | 0 | 0.2946 | 1.0381 | 1.4105 | 0 | 0.9653  | 2.3758 |
| 907 | 32.8 | 34   | 0.7418 | 0 | 0.2963 | 1.0381 | 1.4029 | 0 | 1.0014  | 2.4044 |
| 908 | 32.1 | 33.9 | 0.7397 | 0 | 0.2949 | 1.0346 | 1.3909 | 0 | 1.0319  | 2.4229 |
| 909 | 32.8 | 33.8 | 0.7382 | 0 | 0.2944 | 1.0326 | 1.3877 | 0 | 0.9441  | 2.3319 |
| 910 | 34   | 33.8 | 0.7362 | 0 | 0.2941 | 1.0303 | 1.3792 | 0 | 0.9635  | 2.3427 |
| 911 | 34.9 | 33.8 | 0.7337 | 0 | 0.2938 | 1.0275 | 1.3641 | 0 | 0.968   | 2.3321 |
| 912 | 33.9 | 33.8 | 0.7319 | 0 | 0.2944 | 1.0263 | 2.444  | 0 | -0.2761 | 2.1679 |
| 913 | 32.2 | 33.9 | 0.7297 | 0 | 0.2937 | 1.0234 | 3.7826 | 0 | -1.6149 | 2.1677 |
| 914 | 33.7 | 33.9 | 0.7292 | 0 | 0.288  | 1.0172 | 3.569  | 0 | -0.9918 | 2.5773 |
| 915 | 34.2 | 33.8 | 0.7294 | 0 | 0.2855 | 1.0149 | 3.4638 | 0 | -0.9467 | 2.5171 |
| 916 | 33.4 | 33.7 | 0.7284 | 0 | 0.2851 | 1.0135 | 3.466  | 0 | -0.9115 | 2.5546 |

|     |      |      |        |   |        |        |        |   |         |        |
|-----|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 917 | 33.4 | 33.8 | 0.7264 | 0 | 0.2839 | 1.0103 | 3.4804 | 0 | -0.8755 | 2.605  |
| 918 | 34.8 | 33.9 | 0.7248 | 0 | 0.282  | 1.0069 | 3.4734 | 0 | -0.9053 | 2.5681 |
| 919 | 33.7 | 34   | 0.7239 | 0 | 0.2779 | 1.0019 | 3.4757 | 0 | -0.8823 | 2.5934 |
| 920 | 34.9 | 33.9 | 0.7228 | 0 | 0.2744 | 0.9973 | 3.4888 | 0 | -0.851  | 2.6378 |
| 921 | 34.9 | 33.8 | 0.7195 | 0 | 0.2709 | 0.9904 | 3.4939 | 0 | -0.8558 | 2.6381 |
| 922 | 35.1 | 33.8 | 0.7181 | 0 | 0.2681 | 0.9862 | 3.4911 | 0 | -0.8687 | 2.6224 |
| 923 | 33.7 | 33.8 | 0.7174 | 0 | 0.2677 | 0.9852 | 3.5038 | 0 | -0.8759 | 2.6279 |
| 924 | 32.8 | 33.7 | 0.7165 | 0 | 0.2686 | 0.9851 | 3.5026 | 0 | -0.8755 | 2.6271 |
| 925 | 33.7 | 33.6 | 0.7154 | 0 | 0.2688 | 0.9842 | 3.506  | 0 | -0.8823 | 2.6238 |
| 926 | 34   | 33.4 | 0.7143 | 0 | 0.2677 | 0.982  | 3.4984 | 0 | -0.8497 | 2.6487 |
| 927 | 33.8 | 33.4 | 0.7135 | 0 | 0.265  | 0.9785 | 3.5026 | 0 | -0.8106 | 2.6919 |
| 928 | 34   | 33.4 | 0.7119 | 0 | 0.2634 | 0.9753 | 3.5119 | 0 | -0.7727 | 2.7392 |
| 929 | 33.4 | 33.4 | 0.7106 | 0 | 0.2622 | 0.9728 | 3.5033 | 0 | -0.8011 | 2.7022 |
| 930 | 33.3 | 33.3 | 0.7099 | 0 | 0.2629 | 0.9728 | 3.539  | 0 | -0.8195 | 2.7195 |
| 931 | 32.8 | 33.3 | 0.7084 | 0 | 0.2636 | 0.9719 | 3.5291 | 0 | -0.7322 | 2.797  |
| 932 | 32.3 | 33.1 | 0.7066 | 0 | 0.2632 | 0.9698 | 3.4964 | 0 | -0.6741 | 2.8223 |
| 933 | 32.3 | 33.1 | 0.7051 | 0 | 0.2618 | 0.9668 | 3.4851 | 0 | -0.7091 | 2.776  |
| 934 | 31.7 | 33.2 | 0.7028 | 0 | 0.2588 | 0.9616 | 3.4699 | 0 | -0.7572 | 2.7127 |
| 935 | 30.7 | 33.1 | 0.7038 | 0 | 0.2554 | 0.9592 | 3.4514 | 0 | -0.7355 | 2.716  |
| 936 | 33.2 | 33.1 | 0.7033 | 0 | 0.2532 | 0.9566 | 3.4483 | 0 | -0.6886 | 2.7597 |
| 937 | 33.8 | 33   | 0.7018 | 0 | 0.2518 | 0.9537 | 3.4239 | 0 | -0.6698 | 2.7541 |
| 938 | 33.6 | 32.8 | 0.7003 | 0 | 0.2512 | 0.9515 | 3.4391 | 0 | -0.6965 | 2.7425 |
| 939 | 34.2 | 32.7 | 0.6988 | 0 | 0.2495 | 0.9483 | 3.4554 | 0 | -0.7169 | 2.7385 |
| 940 | 34.3 | 32.5 | 0.6974 | 0 | 0.2457 | 0.9431 | 3.4592 | 0 | -0.7394 | 2.7198 |
| 941 | 31.9 | 32.4 | 0.6965 | 0 | 0.2412 | 0.9378 | 3.4587 | 0 | -0.794  | 2.6647 |
| 942 | 32.5 | 32.2 | 0.6957 | 0 | 0.2376 | 0.9333 | 3.4582 | 0 | -0.8771 | 2.5812 |
| 943 | 34.5 | 32   | 0.6951 | 0 | 0.237  | 0.9321 | 3.4442 | 0 | -0.8711 | 2.5731 |
| 944 | 33.5 | 31.9 | 0.6938 | 0 | 0.2364 | 0.9302 | 3.4039 | 0 | -0.8559 | 2.548  |
| 945 | 33.5 | 31.8 | 0.6923 | 0 | 0.2383 | 0.9306 | 3.3555 | 0 | -0.8528 | 2.5028 |
| 946 | 32.2 | 31.6 | 0.6913 | 0 | 0.2388 | 0.9301 | 3.3521 | 0 | -0.8715 | 2.4806 |
| 947 | 30.4 | 31.3 | 0.6908 | 0 | 0.2366 | 0.9274 | 3.3286 | 0 | -0.8274 | 2.5012 |
| 948 | 30.4 | 31.1 | 0.6902 | 0 | 0.2346 | 0.9248 | 3.3032 | 0 | -0.8233 | 2.4799 |
| 949 | 30.5 | 30.7 | 0.6895 | 0 | 0.236  | 0.9255 | 3.2805 | 0 | -0.8011 | 2.4794 |
| 950 | 29.5 | 30.4 | 0.6888 | 0 | 0.2316 | 0.9204 | 3.2812 | 0 | -0.7532 | 2.528  |
| 951 | 29.4 | 30.2 | 0.6881 | 0 | 0.2307 | 0.9188 | 3.2872 | 0 | -0.7837 | 2.5035 |
| 952 | 29   | 29.9 | 0.6874 | 0 | 0.2259 | 0.9133 | 3.2719 | 0 | -0.7469 | 2.525  |
| 953 | 29.3 | 29.6 | 0.6859 | 0 | 0.2218 | 0.9077 | 3.2721 | 0 | -0.7535 | 2.5186 |

|     |      |      |        |   |        |        |        |   |         |        |
|-----|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 954 | 29.5 | 29.3 | 0.6846 | 0 | 0.222  | 0.9066 | 3.266  | 0 | -0.7686 | 2.4974 |
| 955 | 28.8 | 29   | 0.6845 | 0 | 0.2239 | 0.9084 | 3.2794 | 0 | -0.7701 | 2.5093 |
| 956 | 27.7 | 28.8 | 0.684  | 0 | 0.221  | 0.905  | 3.3036 | 0 | -0.7593 | 2.5443 |
| 957 | 29   | 28.6 | 0.6828 | 0 | 0.2175 | 0.9003 | 3.3173 | 0 | -0.7606 | 2.5567 |
| 958 | 28.2 | 28.5 | 0.6819 | 0 | 0.2239 | 0.9058 | 3.2939 | 0 | -0.7289 | 2.565  |
| 959 | 28.5 | 28.5 | 0.6807 | 0 | 0.2224 | 0.9031 | 3.2912 | 0 | -0.5859 | 2.7053 |
| 960 | 27.9 | 28.4 | 0.68   | 0 | 0.221  | 0.901  | 3.2711 | 0 | -0.6151 | 2.656  |
| 961 | 27.1 | 28.4 | 0.5697 | 0 | 0.3451 | 0.9148 | 3.2324 | 0 | -0.5995 | 2.6328 |
| 962 | 27.2 | 28.4 | 0.434  | 0 | 0.481  | 0.915  | 3.1992 | 0 | -0.5139 | 2.6853 |
| 963 | 28.1 | 28.3 | 0.4513 | 0 | 0.4218 | 0.873  | 3.1834 | 0 | -0.4282 | 2.7552 |
| 964 | 28.2 | 28.2 | 0.4589 | 0 | 0.4194 | 0.8783 | 3.1529 | 0 | -0.3847 | 2.7682 |
| 965 | 28.3 | 28.2 | 0.4592 | 0 | 0.4164 | 0.8756 | 3.1194 | 0 | -0.3632 | 2.7561 |
| 966 | 27.4 | 28.2 | 0.4576 | 0 | 0.4128 | 0.8704 | 3.1444 | 0 | -0.4057 | 2.7387 |
| 967 | 28.7 | 28.1 | 0.4574 | 0 | 0.4148 | 0.8722 | 3.3523 | 0 | -0.405  | 2.9474 |
| 968 | 28.9 | 28   | 0.4558 | 0 | 0.4136 | 0.8694 | 3.2339 | 0 | -0.6488 | 2.5851 |
| 969 | 28.4 | 27.9 | 0.4531 | 0 | 0.411  | 0.8641 | 3.1636 | 0 | -0.663  | 2.5006 |
| 970 | 29   | 27.8 | 0.4512 | 0 | 0.412  | 0.8633 | 3.1778 | 0 | -0.5803 | 2.5975 |
| 971 | 29.3 | 27.8 | 0.4501 | 0 | 0.4129 | 0.863  | 3.1888 | 0 | -0.512  | 2.6768 |
| 972 | 28.1 | 27.7 | 0.4469 | 0 | 0.4127 | 0.8597 | 3.1421 | 0 | -0.4428 | 2.6993 |
| 973 | 27.8 | 27.6 | 0.4447 | 0 | 0.4143 | 0.859  | 3.154  | 0 | -0.4005 | 2.7535 |
| 974 | 27.7 | 27.5 | 0.4427 | 0 | 0.4145 | 0.8572 | 3.1391 | 0 | -0.4705 | 2.6686 |
| 975 | 27.9 | 27.3 | 0.4404 | 0 | 0.4131 | 0.8534 | 3.1268 | 0 | -0.3247 | 2.8021 |
| 976 | 27.8 | 27.1 | 0.438  | 0 | 0.4096 | 0.8477 | 3.1281 | 0 | -0.4164 | 2.7117 |
| 977 | 26.4 | 26.8 | 0.4369 | 0 | 0.4041 | 0.841  | 3.1284 | 0 | -0.5018 | 2.6267 |
| 978 | 25.8 | 26.6 | 0.4373 | 0 | 0.4052 | 0.8425 | 3.1164 | 0 | -0.5184 | 2.598  |
| 979 | 26.8 | 26.4 | 0.4327 | 0 | 0.4069 | 0.8396 | 3.08   | 0 | -0.4936 | 2.5864 |
| 980 | 26.4 | 26.1 | 0.4324 | 0 | 0.3991 | 0.8316 | 3.0478 | 0 | -0.3735 | 2.6743 |
| 981 | 26.2 | 25.9 | 0.4332 | 0 | 0.3927 | 0.826  | 3.0566 | 0 | -0.4366 | 2.6199 |
| 982 | 25.8 | 25.7 | 0.4332 | 0 | 0.3925 | 0.8257 | 3.0032 | 0 | -0.4071 | 2.5961 |
| 983 | 25   | 25.6 | 0.4325 | 0 | 0.3943 | 0.8268 | 2.9859 | 0 | -0.4793 | 2.5066 |
| 984 | 24.9 | 25.4 | 0.4322 | 0 | 0.3909 | 0.8231 | 2.9722 | 0 | -0.4627 | 2.5095 |
| 985 | 24.4 | 25.3 | 0.4298 | 0 | 0.3884 | 0.8183 | 2.9437 | 0 | -0.4119 | 2.5318 |
| 986 | 23.6 | 25.1 | 0.4299 | 0 | 0.3874 | 0.8172 | 2.9518 | 0 | -0.4563 | 2.4954 |
| 987 | 24.2 | 25   | 0.4274 | 0 | 0.3865 | 0.814  | 2.9248 | 0 | -0.3831 | 2.5417 |
| 988 | 24.2 | 24.9 | 0.4257 | 0 | 0.3847 | 0.8104 | 2.9317 | 0 | -0.5465 | 2.3852 |
| 989 | 24.4 | 24.8 | 0.4241 | 0 | 0.3842 | 0.8083 | 2.9048 | 0 | -0.5963 | 2.3084 |
| 990 | 24.7 | 24.7 | 0.4219 | 0 | 0.3882 | 0.8101 | 2.9091 | 0 | -0.6227 | 2.2864 |

|      |      |      |        |   |        |        |        |   |         |        |
|------|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 991  | 24.6 | 24.5 | 0.4196 | 0 | 0.3945 | 0.8141 | 2.9009 | 0 | -0.6435 | 2.2574 |
| 992  | 26.2 | 24.3 | 0.4189 | 0 | 0.3921 | 0.8111 | 2.8895 | 0 | -0.6843 | 2.2052 |
| 993  | 24.1 | 24.3 | 0.4205 | 0 | 0.3902 | 0.8107 | 2.8865 | 0 | -0.7062 | 2.1803 |
| 994  | 24.6 | 24.3 | 0.4222 | 0 | 0.3902 | 0.8124 | 2.8687 | 0 | -0.6179 | 2.2508 |
| 995  | 24.9 | 24.3 | 0.4198 | 0 | 0.392  | 0.8118 | 2.8262 | 0 | -0.7168 | 2.1094 |
| 996  | 24.3 | 24.4 | 0.421  | 0 | 0.3894 | 0.8104 | 2.7645 | 0 | -0.6117 | 2.1528 |
| 997  | 24.3 | 24.4 | 0.4238 | 0 | 0.3846 | 0.8084 | 2.7443 | 0 | -0.5011 | 2.2431 |
| 998  | 24.8 | 24.4 | 0.4248 | 0 | 0.3793 | 0.8041 | 2.7313 | 0 | -0.3991 | 2.3322 |
| 999  | 23.6 | 24.4 | 0.424  | 0 | 0.3735 | 0.7974 | 2.7192 | 0 | -0.3412 | 2.378  |
| 1000 | 22.5 | 24.4 | 0.4227 | 0 | 0.3753 | 0.798  | 2.7172 | 0 | -0.2816 | 2.4355 |
| 1001 | 23.1 | 24.4 | 0.4238 | 0 | 0.3708 | 0.7946 | 2.7203 | 0 | -0.2555 | 2.4648 |
| 1002 | 24   | 24.2 | 0.4236 | 0 | 0.3723 | 0.7959 | 2.7115 | 0 | -0.1894 | 2.5221 |
| 1003 | 24.5 | 24.3 | 0.4219 | 0 | 0.3738 | 0.7957 | 2.7018 | 0 | -0.1769 | 2.5248 |
| 1004 | 24.9 | 24.3 | 0.4183 | 0 | 0.3745 | 0.7928 | 2.6209 | 0 | -0.1701 | 2.4508 |
| 1005 | 25   | 24.3 | 0.4141 | 0 | 0.3734 | 0.7874 | 2.6043 | 0 | -0.1039 | 2.5004 |
| 1006 | 24.4 | 24.4 | 0.4117 | 0 | 0.3707 | 0.7824 | 2.6142 | 0 | -0.0058 | 2.6084 |
| 1007 | 24.3 | 24.5 | 0.4124 | 0 | 0.3692 | 0.7816 | 2.6177 | 0 | 0.044   | 2.6617 |
| 1008 | 24.1 | 24.5 | 0.4105 | 0 | 0.3535 | 0.764  | 2.6127 | 0 | 0.0833  | 2.696  |
| 1009 | 25.6 | 24.6 | 0.4111 | 0 | 0.3559 | 0.767  | 2.5779 | 0 | 0.2335  | 2.8114 |
| 1010 | 24.1 | 24.7 | 0.413  | 0 | 0.354  | 0.767  | 2.5068 | 0 | 0.2647  | 2.7715 |
| 1011 | 23.4 | 24.8 | 0.4138 | 0 | 0.3452 | 0.759  | 2.505  | 0 | 0.3015  | 2.8065 |
| 1012 | 24.5 | 24.8 | 0.4136 | 0 | 0.3372 | 0.7508 | 1.4024 | 0 | 1.6113  | 3.0137 |
| 1013 | 25.5 | 24.9 | 0.4144 | 0 | 0.3321 | 0.7466 | 0.0593 | 0 | 3.0309  | 3.0902 |
| 1014 | 25.1 | 25   | 0.4173 | 0 | 0.3243 | 0.7416 | 0.2494 | 0 | 2.4915  | 2.7409 |
| 1015 | 26.3 | 25   | 0.4149 | 0 | 0.3261 | 0.741  | 0.3177 | 0 | 2.5297  | 2.8474 |
| 1016 | 25.3 | 25   | 0.3932 | 0 | 0.3256 | 0.7188 | 0.262  | 0 | 2.5894  | 2.8514 |
| 1017 | 25.6 | 25.1 | 0.403  | 0 | 0.3488 | 0.7518 | 0.2524 | 0 | 2.5733  | 2.8257 |
| 1018 | 24.8 | 25.1 | 0.4085 | 0 | 0.3483 | 0.7568 | 0.2688 | 0 | 2.6289  | 2.8977 |
| 1019 | 24.6 | 25   | 0.4062 | 0 | 0.336  | 0.7421 | 0.2899 | 0 | 2.6431  | 2.933  |
| 1020 | 25   | 24.9 | 0.4039 | 0 | 0.3256 | 0.7296 | 0.2949 | 0 | 2.6371  | 2.932  |
| 1021 | 24.8 | 24.9 | 0.4053 | 0 | 0.3152 | 0.7204 | 0.2735 | 0 | 2.6787  | 2.9522 |
| 1022 | 26.2 | 24.8 | 0.4027 | 0 | 0.3081 | 0.7109 | 0.2114 | 0 | 2.7424  | 2.9537 |
| 1023 | 25.8 | 24.7 | 0.4035 | 0 | 0.3148 | 0.7183 | 0.1511 | 0 | 2.7783  | 2.9294 |
| 1024 | 25.1 | 24.7 | 0.4038 | 0 | 0.3011 | 0.7049 | 0.1137 | 0 | 2.8247  | 2.9384 |
| 1025 | 25.1 | 24.7 | 0.4026 | 0 | 0.3105 | 0.7131 | 0.0829 | 0 | 2.8516  | 2.9345 |
| 1026 | 24.7 | 24.7 | 0.4014 | 0 | 0.3179 | 0.7193 | 0.0459 | 0 | 2.8498  | 2.8957 |
| 1027 | 24.2 | 24.7 | 0.4018 | 0 | 0.3169 | 0.7187 | 0.0314 | 0 | 2.8154  | 2.8468 |

|      |      |      |        |   |        |        |         |   |        |        |
|------|------|------|--------|---|--------|--------|---------|---|--------|--------|
| 1028 | 24   | 24.7 | 0.4039 | 0 | 0.3127 | 0.7166 | 0.0205  | 0 | 2.7986 | 2.8191 |
| 1029 | 22.7 | 24.8 | 0.4059 | 0 | 0.2996 | 0.7054 | 0.085   | 0 | 2.8412 | 2.9262 |
| 1030 | 22.8 | 24.8 | 0.4043 | 0 | 0.3066 | 0.7108 | 0.0614  | 0 | 2.8605 | 2.922  |
| 1031 | 23.7 | 24.8 | 0.4081 | 0 | 0.3043 | 0.7123 | 0.0622  | 0 | 2.7821 | 2.8443 |
| 1032 | 24   | 24.8 | 0.408  | 0 | 0.3111 | 0.7191 | 0.0725  | 0 | 2.7383 | 2.8107 |
| 1033 | 25.1 | 24.7 | 0.4078 | 0 | 0.3081 | 0.7159 | 0.0628  | 0 | 2.7687 | 2.8316 |
| 1034 | 26.1 | 24.7 | 0.4084 | 0 | 0.3    | 0.7084 | 0.0422  | 0 | 2.7925 | 2.8346 |
| 1035 | 25.3 | 24.8 | 0.4086 | 0 | 0.3011 | 0.7097 | 0.0224  | 0 | 2.7769 | 2.7993 |
| 1036 | 24.7 | 24.8 | 0.4108 | 0 | 0.2915 | 0.7024 | 0.0013  | 0 | 2.7429 | 2.7442 |
| 1037 | 25.8 | 24.9 | 0.4087 | 0 | 0.3065 | 0.7152 | 0.0075  | 0 | 2.7249 | 2.7324 |
| 1038 | 26.3 | 24.9 | 0.4098 | 0 | 0.3108 | 0.7207 | -0.0066 | 0 | 2.7011 | 2.6945 |
| 1039 | 25   | 25.1 | 0.4079 | 0 | 0.3117 | 0.7196 | -0.0034 | 0 | 2.671  | 2.6676 |
| 1040 | 24.7 | 25.3 | 0.4073 | 0 | 0.3101 | 0.7174 | 0.0069  | 0 | 2.6686 | 2.6754 |
| 1041 | 25.4 | 25.4 | 0.4076 | 0 | 0.3097 | 0.7173 | 0.0097  | 0 | 2.7008 | 2.7105 |
| 1042 | 25.5 | 25.5 | 0.407  | 0 | 0.3082 | 0.7153 | 0.047   | 0 | 2.6904 | 2.7374 |
| 1043 | 24.8 | 25.4 | 0.4082 | 0 | 0.2988 | 0.707  | 0.0263  | 0 | 2.6884 | 2.7146 |
| 1044 | 25.6 | 25.3 | 0.4112 | 0 | 0.3081 | 0.7193 | 0.0607  | 0 | 2.6753 | 2.7361 |
| 1045 | 25.1 | 25.3 | 0.4158 | 0 | 0.2995 | 0.7153 | 0.08    | 0 | 2.6698 | 2.7497 |
| 1046 | 25.7 | 25.2 | 0.4169 | 0 | 0.2889 | 0.7058 | 0.0563  | 0 | 2.6929 | 2.7492 |
| 1047 | 25.6 | 25.1 | 0.4177 | 0 | 0.2765 | 0.6942 | 0.0709  | 0 | 2.6832 | 2.7542 |
| 1048 | 25.9 | 25   | 0.4182 | 0 | 0.2687 | 0.687  | 0.0976  | 0 | 2.6443 | 2.742  |
| 1049 | 25.9 | 24.8 | 0.4178 | 0 | 0.2642 | 0.6819 | 0.1557  | 0 | 2.5634 | 2.7191 |
| 1050 | 25.2 | 24.7 | 0.4167 | 0 | 0.2572 | 0.6739 | 0.1469  | 0 | 2.5029 | 2.6498 |
| 1051 | 26.6 | 24.6 | 0.4169 | 0 | 0.2497 | 0.6666 | 0.1343  | 0 | 2.5533 | 2.6876 |
| 1052 | 24.3 | 24.4 | 0.4173 | 0 | 0.2436 | 0.6608 | 0.1497  | 0 | 2.5149 | 2.6645 |
| 1053 | 24.2 | 24.4 | 0.4238 | 0 | 0.2388 | 0.6626 | 0.1499  | 0 | 2.5199 | 2.6698 |
| 1054 | 23.9 | 24.2 | 0.4242 | 0 | 0.2324 | 0.6566 | 0.1368  | 0 | 2.5364 | 2.6732 |
| 1055 | 23.8 | 24.1 | 0.4231 | 0 | 0.2245 | 0.6476 | 0.1219  | 0 | 2.5625 | 2.6845 |
| 1056 | 24   | 23.9 | 0.4222 | 0 | 0.2166 | 0.6388 | 0.1083  | 0 | 2.571  | 2.6793 |
| 1057 | 23.7 | 23.7 | 0.4216 | 0 | 0.2092 | 0.6307 | 0.0665  | 0 | 2.5271 | 2.5936 |
| 1058 | 22   | 23.6 | 0.4241 | 0 | 0.2005 | 0.6246 | 0.075   | 0 | 2.5106 | 2.5855 |
| 1059 | 22.6 | 23.4 | 0.43   | 0 | 0.196  | 0.626  | 0.055   | 0 | 2.3356 | 2.3906 |
| 1060 | 22.4 | 23.2 | 0.4295 | 0 | 0.1909 | 0.6203 | 0.0627  | 0 | 2.3539 | 2.4166 |
| 1061 | 23   | 23   | 0.4295 | 0 | 0.1839 | 0.6134 | 0.0884  | 0 | 2.3314 | 2.4198 |
| 1062 | 23.3 | 23   | 0.428  | 0 | 0.1779 | 0.6059 | 0.1036  | 0 | 2.1876 | 2.2911 |
| 1063 | 23   | 22.9 | 0.4263 | 0 | 0.1726 | 0.599  | 0.1084  | 0 | 2.105  | 2.2134 |
| 1064 | 22.4 | 22.9 | 0.4271 | 0 | 0.1664 | 0.5935 | 0.1401  | 0 | 2.0529 | 2.193  |

|      |      |      |        |   |        |        |         |   |         |        |
|------|------|------|--------|---|--------|--------|---------|---|---------|--------|
| 1065 | 21.9 | 22.9 | 0.433  | 0 | 0.1574 | 0.5904 | 0.174   | 0 | 1.9654  | 2.1394 |
| 1066 | 23   | 22.9 | 0.4323 | 0 | 0.1555 | 0.5878 | 0.1477  | 0 | 1.9905  | 2.1383 |
| 1067 | 22.8 | 23   | 0.4305 | 0 | 0.1519 | 0.5824 | -0.0743 | 0 | 2.0005  | 1.9263 |
| 1068 | 22.1 | 23.1 | 0.4268 | 0 | 0.1492 | 0.5761 | 0.0305  | 0 | 2.2154  | 2.2459 |
| 1069 | 21.9 | 23.2 | 0.4236 | 0 | 0.1473 | 0.5709 | 0.1109  | 0 | 2.1391  | 2.25   |
| 1070 | 22.6 | 23.3 | 0.4239 | 0 | 0.1442 | 0.5681 | 0.0645  | 0 | 1.9553  | 2.0197 |
| 1071 | 24.2 | 23.3 | 0.4289 | 0 | 0.1386 | 0.5676 | 0.0179  | 0 | 1.8141  | 1.832  |
| 1072 | 23.4 | 23.4 | 0.4318 | 0 | 0.1349 | 0.5667 | 0.0494  | 0 | 1.652   | 1.7013 |
| 1073 | 23   | 23.4 | 0.4333 | 0 | 0.1318 | 0.5652 | 0.0282  | 0 | 1.5423  | 1.5705 |
| 1074 | 23.7 | 23.4 | 0.4344 | 0 | 0.1294 | 0.5638 | 0.0321  | 0 | 1.5822  | 1.6143 |
| 1075 | 24.6 | 23.5 | 0.4358 | 0 | 0.1281 | 0.5639 | 0.0326  | 0 | 1.4327  | 1.4653 |
| 1076 | 24.2 | 23.6 | 0.4349 | 0 | 0.1281 | 0.563  | 0.0196  | 0 | 1.5298  | 1.5494 |
| 1077 | 25.4 | 23.7 | 0.4348 | 0 | 0.1243 | 0.5591 | 0.0105  | 0 | 1.6063  | 1.6167 |
| 1078 | 24.7 | 23.8 | 0.4288 | 0 | 0.1211 | 0.5499 | 0.0171  | 0 | 1.6166  | 1.6337 |
| 1079 | 23.7 | 23.9 | 0.4266 | 0 | 0.1208 | 0.5474 | 0.0556  | 0 | 1.5209  | 1.5766 |
| 1080 | 23.5 | 24   | 0.4262 | 0 | 0.1209 | 0.5471 | 0.067   | 0 | 1.3449  | 1.4119 |
| 1081 | 23.6 | 24   | 0.426  | 0 | 0.1189 | 0.5449 | 0.0236  | 0 | 1.3669  | 1.3905 |
| 1082 | 23.1 | 23.9 | 0.4269 | 0 | 0.1156 | 0.5425 | 0.0672  | 0 | 1.2897  | 1.3569 |
| 1083 | 23   | 23.8 | 0.4282 | 0 | 0.1151 | 0.5433 | 0.0929  | 0 | 1.3062  | 1.399  |
| 1084 | 24.2 | 23.8 | 0.43   | 0 | 0.1132 | 0.5432 | 0.0941  | 0 | 1.2254  | 1.3195 |
| 1085 | 24.8 | 23.7 | 0.4297 | 0 | 0.1141 | 0.5438 | 0.1203  | 0 | 1.0699  | 1.1902 |
| 1086 | 23.9 | 23.6 | 0.4291 | 0 | 0.1149 | 0.544  | 0.1337  | 0 | 1.0145  | 1.1483 |
| 1087 | 24.1 | 23.4 | 0.4281 | 0 | 0.1164 | 0.5445 | 0.1553  | 0 | 0.8889  | 1.0441 |
| 1088 | 24.3 | 23.3 | 0.4261 | 0 | 0.1176 | 0.5436 | 0.2345  | 0 | 0.8891  | 1.1236 |
| 1089 | 23.9 | 23.4 | 0.4234 | 0 | 0.1173 | 0.5407 | 0.3083  | 0 | 0.8137  | 1.122  |
| 1090 | 24.2 | 23.4 | 0.4209 | 0 | 0.1181 | 0.539  | 0.2775  | 0 | 0.7859  | 1.0634 |
| 1091 | 22.1 | 23.4 | 0.4149 | 0 | 0.1255 | 0.5404 | 0.2758  | 0 | 0.6892  | 0.965  |
| 1092 | 22   | 23.4 | 0.4163 | 0 | 0.1233 | 0.5396 | 0.332   | 0 | 0.3596  | 0.6916 |
| 1093 | 22.5 | 23.5 | 0.4144 | 0 | 0.1227 | 0.5371 | 0.3274  | 0 | 0.3199  | 0.6473 |
| 1094 | 22.6 | 23.5 | 0.4142 | 0 | 0.1232 | 0.5375 | 0.3321  | 0 | 0.2063  | 0.5384 |
| 1095 | 22.4 | 23.4 | 0.4142 | 0 | 0.1227 | 0.5369 | 0.3691  | 0 | 0.2922  | 0.6613 |
| 1096 | 22.1 | 23.4 | 0.4139 | 0 | 0.1211 | 0.535  | 0.4282  | 0 | 0.197   | 0.6252 |
| 1097 | 22.7 | 23.3 | 0.4141 | 0 | 0.1202 | 0.5342 | 0.4441  | 0 | 0.0637  | 0.5078 |
| 1098 | 25.2 | 23.2 | 0.4092 | 0 | 0.1229 | 0.5321 | 0.4453  | 0 | -0.0967 | 0.3485 |
| 1099 | 24   | 23.1 | 0.4093 | 0 | 0.1232 | 0.5324 | 0.4444  | 0 | -0.1753 | 0.2692 |
| 1100 | 23.6 | 23   | 0.4093 | 0 | 0.1199 | 0.5292 | 0.4509  | 0 | -0.2844 | 0.1664 |
| 1101 | 23.5 | 23   | 0.4088 | 0 | 0.1193 | 0.5281 | 0.4502  | 0 | -0.3947 | 0.0555 |

|      |      |      |        |   |        |        |        |   |         |         |
|------|------|------|--------|---|--------|--------|--------|---|---------|---------|
| 1102 | 23.9 | 23   | 0.4086 | 0 | 0.1203 | 0.5289 | 0.4589 | 0 | -0.5111 | -0.0522 |
| 1103 | 24.4 | 23   | 0.4082 | 0 | 0.1202 | 0.5284 | 0.4663 | 0 | -0.6016 | -0.1353 |
| 1104 | 24   | 22.9 | 0.4061 | 0 | 0.1182 | 0.5243 | 0.5306 | 0 | -0.6716 | -0.141  |
| 1105 | 22.3 | 22.8 | 0.4033 | 0 | 0.1163 | 0.5195 | 0.532  | 0 | -0.7574 | -0.2254 |
| 1106 | 22.7 | 22.8 | 0.4051 | 0 | 0.118  | 0.5231 | 0.5268 | 0 | -0.846  | -0.3192 |
| 1107 | 23   | 22.7 | 0.4049 | 0 | 0.1181 | 0.523  | 0.5351 | 0 | -0.9015 | -0.3663 |
| 1108 | 22.4 | 22.5 | 0.405  | 0 | 0.12   | 0.525  | 0.5264 | 0 | -0.9605 | -0.4341 |
| 1109 | 22.2 | 22.3 | 0.4048 | 0 | 0.1205 | 0.5254 | 0.5477 | 0 | -1.0254 | -0.4777 |
| 1110 | 22.4 | 22.2 | 0.4041 | 0 | 0.1209 | 0.525  | 0.5982 | 0 | -1.0619 | -0.4638 |
| 1111 | 21.5 | 22   | 0.4034 | 0 | 0.1264 | 0.5299 | 0.5941 | 0 | -1.089  | -0.4949 |
| 1112 | 21.4 | 21.8 | 0.4028 | 0 | 0.1267 | 0.5294 | 0.6094 | 0 | -1.119  | -0.5097 |
| 1113 | 20.9 | 21.6 | 0.4004 | 0 | 0.1269 | 0.5273 | 0.5997 | 0 | -1.1756 | -0.5758 |
| 1114 | 21   | 21.3 | 0.3999 | 0 | 0.1278 | 0.5277 | 0.576  | 0 | -1.2001 | -0.6241 |
| 1115 | 21.9 | 21.2 | 0.4002 | 0 | 0.127  | 0.5272 | 0.5998 | 0 | -1.2013 | -0.6015 |
| 1116 | 21.8 | 21.1 | 0.4006 | 0 | 0.1255 | 0.5262 | 0.6576 | 0 | -1.2563 | -0.5987 |
| 1117 | 20.7 | 20.9 | 0.4    | 0 | 0.1273 | 0.5272 | 0.6499 | 0 | -1.2481 | -0.5983 |
| 1118 | 20.9 | 20.8 | 0.3974 | 0 | 0.1344 | 0.5318 | 0.6594 | 0 | -1.2937 | -0.6343 |
| 1119 | 20.2 | 20.7 | 0.3997 | 0 | 0.1404 | 0.5401 | 0.6577 | 0 | -1.3445 | -0.6868 |
| 1120 | 19.9 | 20.5 | 0.4021 | 0 | 0.1442 | 0.5464 | 0.6099 | 0 | -1.3268 | -0.7169 |
| 1121 | 20.5 | 20.4 | 0.4003 | 0 | 0.15   | 0.5503 | 0.61   | 0 | -1.3343 | -0.7243 |
| 1122 | 20   | 20.4 | 0.3999 | 0 | 0.1539 | 0.5538 | 0.6493 | 0 | -1.3809 | -0.7316 |
| 1123 | 19.7 | 20.4 | 0.4003 | 0 | 0.1566 | 0.5569 | 0.6824 | 0 | -1.4163 | -0.7339 |
| 1124 | 19.9 | 20.3 | 0.4006 | 0 | 0.1578 | 0.5584 | 0.7009 | 0 | -1.4494 | -0.7485 |
| 1125 | 19.8 | 20.3 | 0.4006 | 0 | 0.1575 | 0.5581 | 0.7103 | 0 | -1.4738 | -0.7635 |
| 1126 | 19.5 | 20.2 | 0.4004 | 0 | 0.1572 | 0.5576 | 0.7191 | 0 | -1.4728 | -0.7538 |
| 1127 | 20.1 | 20.2 | 0.4001 | 0 | 0.1552 | 0.5553 | 0.7044 | 0 | -1.4459 | -0.7415 |
| 1128 | 20.2 | 20.3 | 0.3983 | 0 | 0.1607 | 0.559  | 0.6984 | 0 | -1.5072 | -0.8088 |
| 1129 | 20.1 | 20.3 | 0.3992 | 0 | 0.1651 | 0.5642 | 0.6558 | 0 | -1.5302 | -0.8744 |
| 1130 | 20   | 20.4 | 0.4019 | 0 | 0.1699 | 0.5718 | 0.6241 | 0 | -1.5382 | -0.9141 |
| 1131 | 20.5 | 20.4 | 0.4014 | 0 | 0.1753 | 0.5766 | 0.6079 | 0 | -1.5303 | -0.9224 |
| 1132 | 20.7 | 20.5 | 0.3987 | 0 | 0.1805 | 0.5792 | 0.6062 | 0 | -1.5499 | -0.9437 |
| 1133 | 20   | 20.5 | 0.3984 | 0 | 0.1855 | 0.584  | 0.6162 | 0 | -1.5904 | -0.9741 |
| 1134 | 21.5 | 20.6 | 0.3964 | 0 | 0.193  | 0.5894 | 0.6275 | 0 | -1.6031 | -0.9755 |
| 1135 | 20.5 | 20.7 | 0.3953 | 0 | 0.1996 | 0.5949 | 0.7001 | 0 | -1.6639 | -0.9638 |
| 1136 | 20.7 | 20.7 | 0.3953 | 0 | 0.2027 | 0.598  | 0.7076 | 0 | -1.6608 | -0.9532 |
| 1137 | 21.1 | 20.7 | 0.3852 | 0 | 0.2176 | 0.6028 | 0.7266 | 0 | -1.6596 | -0.933  |
| 1138 | 21.6 | 20.7 | 0.379  | 0 | 0.2294 | 0.6085 | 0.7195 | 0 | -1.6591 | -0.9396 |

|      |      |      |        |   |        |        |        |   |         |         |
|------|------|------|--------|---|--------|--------|--------|---|---------|---------|
| 1139 | 21.3 | 20.7 | 0.3801 | 0 | 0.2331 | 0.6133 | 0.6918 | 0 | -1.6557 | -0.9639 |
| 1140 | 20.4 | 20.7 | 0.3797 | 0 | 0.2411 | 0.6209 | 0.66   | 0 | -1.6614 | -1.0014 |
| 1141 | 21.8 | 20.7 | 0.3744 | 0 | 0.2737 | 0.6481 | 0.6362 | 0 | -1.6656 | -1.0293 |
| 1142 | 20.5 | 20.6 | 0.3743 | 0 | 0.2762 | 0.6505 | 0.577  | 0 | -1.6079 | -1.0309 |
| 1143 | 21.1 | 20.7 | 0.375  | 0 | 0.2781 | 0.6531 | 0.5928 | 0 | -1.6266 | -1.0338 |
| 1144 | 21.6 | 20.6 | 0.3743 | 0 | 0.2789 | 0.6532 | 0.5705 | 0 | -1.6145 | -1.044  |
| 1145 | 20.5 | 20.6 | 0.373  | 0 | 0.2798 | 0.6528 | 0.5651 | 0 | -1.574  | -1.0089 |
| 1146 | 19.5 | 20.6 | 0.3725 | 0 | 0.2826 | 0.655  | 0.5668 | 0 | -1.5504 | -0.9836 |
| 1147 | 20.2 | 20.6 | 0.3732 | 0 | 0.2862 | 0.6594 | 0.5674 | 0 | -1.5454 | -0.9779 |
| 1148 | 19.8 | 20.5 | 0.3738 | 0 | 0.2862 | 0.6601 | 0.5675 | 0 | -1.533  | -0.9655 |
| 1149 | 20.2 | 20.5 | 0.3727 | 0 | 0.2926 | 0.6653 | 0.5219 | 0 | -1.5068 | -0.9849 |
| 1150 | 20.1 | 20.5 | 0.3717 | 0 | 0.2966 | 0.6683 | 0.5209 | 0 | -1.4897 | -0.9688 |
| 1151 | 19.9 | 20.4 | 0.371  | 0 | 0.3008 | 0.6718 | 0.5202 | 0 | -1.5073 | -0.9871 |
| 1152 | 20.6 | 20.4 | 0.3706 | 0 | 0.3037 | 0.6744 | 0.4984 | 0 | -1.5133 | -1.0148 |
| 1153 | 20.9 | 20.4 | 0.3707 | 0 | 0.306  | 0.6767 | 0.4971 | 0 | -1.4951 | -0.998  |
| 1154 | 20.2 | 20.4 | 0.371  | 0 | 0.3081 | 0.6791 | 0.5034 | 0 | -1.4714 | -0.968  |
| 1155 | 19.9 | 20.4 | 0.3704 | 0 | 0.3091 | 0.6795 | 0.4794 | 0 | -1.4671 | -0.9877 |
| 1156 | 21.3 | 20.4 | 0.3687 | 0 | 0.3068 | 0.6755 | 0.4842 | 0 | -1.4998 | -1.0156 |
| 1157 | 19.7 | 20.4 | 0.3689 | 0 | 0.3052 | 0.6741 | 0.4821 | 0 | -1.501  | -1.0189 |
| 1158 | 20.7 | 20.5 | 0.3693 | 0 | 0.3031 | 0.6724 | 0.4637 | 0 | -1.4995 | -1.0358 |
| 1159 | 20.7 | 20.5 | 0.3702 | 0 | 0.3022 | 0.6724 | 0.4704 | 0 | -1.4786 | -1.0082 |
| 1160 | 20.1 | 20.5 | 0.3701 | 0 | 0.2998 | 0.6698 | 0.4871 | 0 | -1.4622 | -0.9751 |
| 1161 | 20.6 | 20.6 | 0.3685 | 0 | 0.2959 | 0.6644 | 0.5065 | 0 | -1.4425 | -0.936  |
| 1162 | 21.9 | 20.6 | 0.3681 | 0 | 0.2955 | 0.6635 | 0.5189 | 0 | -1.3595 | -0.8406 |
| 1163 | 21.5 | 20.6 | 0.3687 | 0 | 0.2926 | 0.6614 | 0.4936 | 0 | -1.2969 | -0.8033 |
| 1164 | 19.7 | 20.6 | 0.3672 | 0 | 0.2865 | 0.6537 | 0.4318 | 0 | -1.2158 | -0.784  |
| 1165 | 20.2 | 20.7 | 0.3672 | 0 | 0.2831 | 0.6503 | 0.4326 | 0 | -1.1694 | -0.7368 |
| 1166 | 20.3 | 20.7 | 0.3673 | 0 | 0.2803 | 0.6477 | 0.4455 | 0 | -1.1469 | -0.7014 |
| 1167 | 20.3 | 20.7 | 0.3646 | 0 | 0.2813 | 0.6459 | 0.4302 | 0 | -1.1036 | -0.6734 |
| 1168 | 20.7 | 20.6 | 0.3611 | 0 | 0.2837 | 0.6448 | 0.41   | 0 | -0.9987 | -0.5887 |
| 1169 | 20.2 | 20.7 | 0.3626 | 0 | 0.2799 | 0.6426 | 0.3981 | 0 | -0.8237 | -0.4256 |
| 1170 | 21   | 20.8 | 0.3629 | 0 | 0.2776 | 0.6405 | 0.4231 | 0 | -0.6538 | -0.2307 |
| 1171 | 21.8 | 20.8 | 0.364  | 0 | 0.2767 | 0.6407 | 0.4441 | 0 | -0.5042 | -0.0601 |
| 1172 | 20.6 | 20.7 | 0.3636 | 0 | 0.2765 | 0.6401 | 0.4396 | 0 | -0.3472 | 0.0924  |
| 1173 | 20.5 | 20.7 | 0.3632 | 0 | 0.2768 | 0.64   | 0.4454 | 0 | -0.2656 | 0.1798  |
| 1174 | 21   | 20.8 | 0.3634 | 0 | 0.2767 | 0.6401 | 0.4478 | 0 | -0.1923 | 0.2555  |
| 1175 | 21   | 20.9 | 0.3639 | 0 | 0.2754 | 0.6392 | 0.4397 | 0 | -0.1177 | 0.3219  |

|      |      |      |        |   |        |        |        |   |         |        |
|------|------|------|--------|---|--------|--------|--------|---|---------|--------|
| 1176 | 20.3 | 20.9 | 0.3645 | 0 | 0.2727 | 0.6371 | 0.4303 | 0 | -0.1015 | 0.3288 |
| 1177 | 19.9 | 20.9 | 0.365  | 0 | 0.275  | 0.64   | 0.4489 | 0 | -0.0572 | 0.3917 |
| 1178 | 21.2 | 20.8 | 0.3632 | 0 | 0.2741 | 0.6373 | 0.4716 | 0 | -0.0225 | 0.4491 |
| 1179 | 21.8 | 20.8 | 0.3642 | 0 | 0.2746 | 0.6388 | 0.4546 | 0 | 0.1332  | 0.5878 |
| 1180 | 21.1 | 20.7 | 0.3654 | 0 | 0.274  | 0.6394 | 0.4559 | 0 | 0.2624  | 0.7183 |
| 1181 | 20.9 | 20.6 | 0.3654 | 0 | 0.2739 | 0.6393 | 0.4679 | 0 | 0.384   | 0.8518 |
| 1182 | 21.3 | 20.5 | 0.3653 | 0 | 0.2746 | 0.6399 | 0.4485 | 0 | 0.4896  | 0.9381 |
| 1183 | 21.3 | 20.5 | 0.3655 | 0 | 0.2754 | 0.6408 | 0.4207 | 0 | 0.5508  | 0.9715 |
| 1184 | 22.3 | 20.5 | 0.36   | 0 | 0.2796 | 0.6396 | 0.3984 | 0 | 0.6151  | 1.0136 |
| 1185 | 20.4 | 20.5 | 0.3589 | 0 | 0.2802 | 0.6392 | 0.3909 | 0 | 0.7173  | 1.1082 |
| 1186 | 19.2 | 20.5 | 0.3565 | 0 | 0.2808 | 0.6373 | 0.3808 | 0 | 0.8204  | 1.2012 |
| 1187 | 19.5 | 20.6 | 0.3561 | 0 | 0.2823 | 0.6385 | 0.3825 | 0 | 0.8938  | 1.2763 |
| 1188 | 19.8 | 20.5 | 0.3569 | 0 | 0.2832 | 0.64   | 0.2912 | 0 | 1.086   | 1.3772 |
| 1189 | 19.8 | 20.5 | 0.3574 | 0 | 0.2834 | 0.6409 | 0.2423 | 0 | 1.2386  | 1.481  |
| 1190 | 19.6 | 20.5 | 0.3573 | 0 | 0.2847 | 0.6419 | 0.2604 | 0 | 1.3042  | 1.5646 |
| 1191 | 19.6 | 20.4 | 0.3572 | 0 | 0.2863 | 0.6435 | 0.2579 | 0 | 1.4283  | 1.6863 |
| 1192 | 19.8 | 20.3 | 0.357  | 0 | 0.286  | 0.643  | 0.2168 | 0 | 1.8181  | 2.0348 |
| 1193 | 20.5 | 20.3 | 0.3574 | 0 | 0.2842 | 0.6415 | 0.2195 | 0 | 1.8873  | 2.1068 |
| 1194 | 20.9 | 20.2 | 0.3577 | 0 | 0.2806 | 0.6383 | 0.2361 | 0 | 1.9993  | 2.2354 |
| 1195 | 20.9 | 20.1 | 0.3575 | 0 | 0.2777 | 0.6352 | 0.2287 | 0 | 2.101   | 2.3297 |
| 1196 | 20.8 | 20.2 | 0.3571 | 0 | 0.2756 | 0.6327 | 0.2135 | 0 | 2.1906  | 2.4041 |
| 1197 | 21   | 20.2 | 0.3573 | 0 | 0.2735 | 0.6308 | 0.2085 | 0 | 2.2872  | 2.4957 |
| 1198 | 20.6 | 20.2 | 0.357  | 0 | 0.2736 | 0.6306 | 0.2099 | 0 | 2.3909  | 2.6008 |
| 1199 | 20.6 | 20.3 | 0.3572 | 0 | 0.2721 | 0.6293 | 0.2034 | 0 | 2.4698  | 2.6732 |
| 1200 | 19.6 | 20.4 | 0.3573 | 0 | 0.2707 | 0.6279 | 0.2    | 0 | 2.6191  | 2.8192 |
| 1201 | 20.6 | 20.4 | 0.3589 | 0 | 0.2707 | 0.6296 | 0.1965 | 0 | 2.7401  | 2.9366 |
| 1202 | 20.7 | 20.5 | 0.3589 | 0 | 0.2698 | 0.6287 | 0.187  | 0 | 2.8599  | 3.0469 |
| 1203 | 19.6 | 20.5 | 0.3579 | 0 | 0.2673 | 0.6252 | 0.1855 | 0 | 2.9606  | 3.1462 |
| 1204 | 19.4 | 20.5 | 0.3581 | 0 | 0.2649 | 0.6231 | 0.1943 | 0 | 2.4758  | 2.6701 |
| 1205 | 20   | 20.5 | 0.3548 | 0 | 0.2662 | 0.6211 | 0.2021 | 0 | 1.0883  | 1.2905 |
| 1206 | 20.1 | 20.4 | 0.3569 | 0 | 0.2681 | 0.625  | 0.2031 | 0 | 0.1045  | 0.3076 |
| 1207 | 20.6 | 20.3 | 0.3585 | 0 | 0.2681 | 0.6266 | 0.1911 | 0 | 0.1653  | 0.3565 |
| 1208 | 20.8 | 20.3 | 0.358  | 0 | 0.2678 | 0.6258 | 0.2027 | 0 | 0.2427  | 0.4454 |
| 1209 | 21.1 | 20.3 | 0.3561 | 0 | 0.2667 | 0.6229 | 0.2124 | 0 | 0.2986  | 0.511  |
| 1210 | 20.9 | 20.3 | 0.3535 | 0 | 0.2651 | 0.6186 | 0.2018 | 0 | 0.3895  | 0.5914 |
| 1211 | 20.6 | 20.3 | 0.3516 | 0 | 0.2624 | 0.6139 | 0.1743 | 0 | 0.4858  | 0.66   |
| 1212 | 21.7 | 20.2 | 0.3534 | 0 | 0.2564 | 0.6098 | 0.1515 | 0 | 0.5616  | 0.7132 |

|      |      |      |        |   |        |        |        |   |        |        |
|------|------|------|--------|---|--------|--------|--------|---|--------|--------|
| 1213 | 20.3 | 20.2 | 0.3572 | 0 | 0.2484 | 0.6057 | 0.1466 | 0 | 0.6592 | 0.8058 |
| 1214 | 20.1 | 20.2 | 0.3566 | 0 | 0.2448 | 0.6014 | 0.142  | 0 | 0.7073 | 0.8492 |
| 1215 | 19.7 | 20.2 | 0.3556 | 0 | 0.2417 | 0.5973 | 0.1437 | 0 | 0.7064 | 0.85   |
| 1216 | 19.6 | 20.1 | 0.3576 | 0 | 0.2359 | 0.5935 | 0.157  | 0 | 0.7471 | 0.904  |
| 1217 | 20.2 | 20.1 | 0.359  | 0 | 0.2272 | 0.5861 | 0.1741 | 0 | 0.7854 | 0.9594 |
| 1218 | 20.8 | 19.9 | 0.3576 | 0 | 0.2168 | 0.5744 | 0.1654 | 0 | 0.8708 | 1.0362 |
| 1219 | 19.3 | 19.8 | 0.3574 | 0 | 0.2058 | 0.5632 | 0.1422 | 0 | 0.9915 | 1.1337 |
| 1220 | 19.3 | 19.7 | 0.3577 | 0 | 0.1947 | 0.5524 | 0.1599 | 0 | 1.014  | 1.174  |
| 1221 | 19.7 | 19.5 | 0.3564 | 0 | 0.1847 | 0.5411 | 0.1694 | 0 | 1.0419 | 1.2113 |
| 1222 | 19.7 | 19.3 | 0.3554 | 0 | 0.1804 | 0.5358 | 0.1724 | 0 | 1.0813 | 1.2537 |
| 1223 | 19.7 | 19.2 | 0.3555 | 0 | 0.1758 | 0.5313 | 0.1593 | 0 | 1.1305 | 1.2899 |
| 1224 | 19.8 | 19.1 | 0.3566 | 0 | 0.1696 | 0.5262 | 0.1515 | 0 | 1.197  | 1.3485 |
| 1225 | 19   | 19   | 0.3576 | 0 | 0.1676 | 0.5252 | 0.1384 | 0 | 1.2697 | 1.4082 |
| 1226 | 19.3 | 19   | 0.3555 | 0 | 0.163  | 0.5184 | 0.1231 | 0 | 1.3547 | 1.4778 |
| 1227 | 18.1 | 18.8 | 0.3529 | 0 | 0.1575 | 0.5104 | 0.1407 | 0 | 1.4649 | 1.6056 |
| 1228 | 19   | 18.7 | 0.3529 | 0 | 0.1473 | 0.5002 | 0.1779 | 0 | 1.4666 | 1.6445 |
| 1229 | 18.3 | 18.7 | 0.3536 | 0 | 0.1388 | 0.4924 | 0.1636 | 0 | 1.5433 | 1.707  |
| 1230 | 17.6 | 18.7 | 0.3551 | 0 | 0.1315 | 0.4866 | 0.1553 | 0 | 1.598  | 1.7533 |
| 1231 | 17.7 | 18.7 | 0.3565 | 0 | 0.1263 | 0.4828 | 0.1705 | 0 | 1.6479 | 1.8184 |
| 1232 | 17.5 | 18.6 | 0.3567 | 0 | 0.1254 | 0.4821 | 0.1797 | 0 | 1.7036 | 1.8833 |
| 1233 | 18.1 | 18.6 | 0.3586 | 0 | 0.124  | 0.4826 | 0.1864 | 0 | 1.7508 | 1.9372 |
| 1234 | 18.3 | 18.6 | 0.3573 | 0 | 0.1213 | 0.4786 | 0.2055 | 0 | 1.7863 | 1.9918 |
| 1235 | 18.8 | 18.6 | 0.3572 | 0 | 0.1176 | 0.4747 | 0.1381 | 0 | 1.8548 | 1.9929 |
| 1236 | 18   | 18.6 | 0.3571 | 0 | 0.1133 | 0.4704 | 0.1366 | 0 | 1.8794 | 2.016  |
| 1237 | 18.1 | 18.7 | 0.3561 | 0 | 0.109  | 0.4651 | 0.1112 | 0 | 1.9207 | 2.0319 |
| 1238 | 19.4 | 18.7 | 0.3548 | 0 | 0.1056 | 0.4604 | 0.1105 | 0 | 1.9786 | 2.0892 |
| 1239 | 19.9 | 18.7 | 0.3541 | 0 | 0.1027 | 0.4568 | 0.1188 | 0 | 2.0133 | 2.1321 |
| 1240 | 18.5 | 18.9 | 0.3539 | 0 | 0.0983 | 0.4522 | 0.134  | 0 | 2.0293 | 2.1632 |
| 1241 | 18.5 | 18.9 | 0.3527 | 0 | 0.0919 | 0.4446 | 0.1597 | 0 | 1.6988 | 1.8586 |
| 1242 | 19.5 | 19   | 0.3524 | 0 | 0.0875 | 0.4399 | 0.1878 | 0 | 0.6142 | 0.8021 |
| 1243 | 19.2 | 19.1 | 0.3514 | 0 | 0.0782 | 0.4296 | 0.1646 | 0 | 0.6642 | 0.8289 |
| 1244 | 18.9 | 19.1 | 0.3514 | 0 | 0.0688 | 0.4202 | 0.1715 | 0 | 0.719  | 0.8905 |
| 1245 | 19.4 | 19.2 | 0.3517 | 0 | 0.0607 | 0.4124 | 0.1663 | 0 | 0.7403 | 0.9066 |
| 1246 | 20   | 19.2 | 0.3516 | 0 | 0.0538 | 0.4055 | 0.1736 | 0 | 0.7465 | 0.9201 |
| 1247 | 19.5 | 19.2 | 0.3522 | 0 | 0.0471 | 0.3993 | 0.1837 | 0 | 0.7702 | 0.9539 |
| 1248 | 19.1 | 19.1 | 0.3535 | 0 | 0.0393 | 0.3927 | 0.1865 | 0 | 0.818  | 1.0045 |
| 1249 | 20.1 | 19   | 0.3527 | 0 | 0.0307 | 0.3834 | 0.1837 | 0 | 0.8865 | 1.0702 |

|      |      |      |        |   |        |        |        |   |         |         |
|------|------|------|--------|---|--------|--------|--------|---|---------|---------|
| 1250 | 19.2 | 19   | 0.3521 | 0 | 0.0226 | 0.3747 | 0.182  | 0 | 0.9405  | 1.1225  |
| 1251 | 19   | 19   | 0.3523 | 0 | 0.0148 | 0.3671 | 0.177  | 0 | 0.9759  | 1.1529  |
| 1252 | 19   | 18.9 | 0.3521 | 0 | 0.0077 | 0.3598 | 0.1987 | 0 | 1.0272  | 1.2259  |
| 1253 | 19.2 | 18.8 | 0.3513 | 0 | 0.0584 | 0.4097 | 0.1937 | 0 | 1.0647  | 1.2584  |
| 1254 | 19.8 | 18.8 | 0.3508 | 0 | 0.1993 | 0.5501 | 0.1757 | 0 | 1.0759  | 1.2516  |
| 1255 | 19.3 | 18.8 | 0.3501 | 0 | 0.2986 | 0.6487 | 0.1773 | 0 | 1.0773  | 1.2546  |
| 1256 | 18.2 | 18.7 | 0.3496 | 0 | 0.2903 | 0.6398 | 0.1495 | 0 | 1.1112  | 1.2607  |
| 1257 | 17.5 | 18.6 | 0.3486 | 0 | 0.2809 | 0.6296 | 0.1758 | 0 | 1.171   | 1.3468  |
| 1258 | 18.1 | 18.6 | 0.3481 | 0 | 0.2732 | 0.6213 | 0.2003 | 0 | 1.2271  | 1.4274  |
| 1259 | 18   | 18.5 | 0.35   | 0 | 0.2632 | 0.6132 | 0.229  | 0 | 1.2677  | 1.4967  |
| 1260 | 17.4 | 18.5 | 0.3526 | 0 | 0.2512 | 0.6038 | 0.2147 | 0 | 1.2955  | 1.5102  |
| 1261 | 17.5 | 18.5 | 0.3534 | 0 | 0.2397 | 0.5931 | 0.1786 | 0 | 1.3137  | 1.4923  |
| 1262 | 18.2 | 18.5 | 0.3534 | 0 | 0.2295 | 0.5829 | 0.1549 | 0 | 1.3106  | 1.4654  |
| 1263 | 18.4 | 18.5 | 0.3546 | 0 | 0.2219 | 0.5764 | 0.1762 | 0 | 1.2607  | 1.4368  |
| 1264 | 19   | 18.4 | 0.3528 | 0 | 0.2159 | 0.5687 | 0.2258 | 0 | 1.1808  | 1.4067  |
| 1265 | 18.7 | 18.4 | 0.3515 | 0 | 0.2084 | 0.5599 | 0.2453 | 0 | 1.1336  | 1.3789  |
| 1266 | 18.2 | 18.4 | 0.3499 | 0 | 0.2018 | 0.5517 | 0.1983 | 0 | 1.1707  | 1.369   |
| 1267 | 18.4 | 18.4 | 0.3481 | 0 | 0.1942 | 0.5423 | 0.2154 | 0 | 1.1474  | 1.3628  |
| 1268 | 19   | 18.5 | 0.3469 | 0 | 0.1846 | 0.5314 | 0.2433 | 0 | 1.0959  | 1.3391  |
| 1269 | 18.6 | 18.6 | 0.3466 | 0 | 0.1785 | 0.5252 | 0.2415 | 0 | 1.0395  | 1.281   |
| 1270 | 19   | 18.7 | 0.346  | 0 | 0.1734 | 0.5194 | 0.2481 | 0 | 0.9697  | 1.2178  |
| 1271 | 18.6 | 18.7 | 0.3468 | 0 | 0.1686 | 0.5154 | 0.2632 | 0 | 0.8823  | 1.1455  |
| 1272 | 19   | 18.8 | 0.3476 | 0 | 0.1635 | 0.5111 | 0.2661 | 0 | 0.8338  | 1.0999  |
| 1273 | 18.9 | 18.8 | 0.3481 | 0 | 0.1571 | 0.5052 | 0.2909 | 0 | -0.4657 | -0.1748 |
| 1274 | 18.3 | 18.8 | 0.3495 | 0 | 0.1498 | 0.4993 | 0.2917 | 0 | -0.6794 | -0.3877 |
| 1275 | 18.1 | 18.8 | 0.3516 | 0 | 0.1399 | 0.4915 | 0.3006 | 0 | -0.6796 | -0.3789 |
| 1276 | 19   | 18.9 | 0.3504 | 0 | 0.1262 | 0.4766 | 0.3204 | 0 | -0.6124 | -0.292  |
| 1277 | 19.6 | 18.9 | 0.3472 | 0 | 0.1283 | 0.4755 | 0.306  | 0 | -0.5694 | -0.2634 |
| 1278 | 19   | 18.9 | 0.3469 | 0 | 0.1197 | 0.4666 | 0.2731 | 0 | -0.5681 | -0.295  |
| 1279 | 18.9 | 19   | 0.3487 | 0 | 0.1148 | 0.4635 | 0.2825 | 0 | -0.6183 | -0.3358 |
| 1280 | 18.9 | 19   | 0.3483 | 0 | 0.1092 | 0.4575 | 0.2688 | 0 | -0.652  | -0.3832 |
| 1281 | 18.9 | 18.9 | 0.3474 | 0 | 0.1036 | 0.451  | 0.2814 | 0 | -0.6391 | -0.3577 |
| 1282 | 18.9 | 18.8 | 0.3466 | 0 | 0.0996 | 0.4462 | 0.3065 | 0 | -0.6127 | -0.3062 |
| 1283 | 19.1 | 18.8 | 0.3449 | 0 | 0.0967 | 0.4417 | 0.3122 | 0 | -0.5537 | -0.2416 |
| 1284 | 19.3 | 18.7 | 0.3462 | 0 | 0.0941 | 0.4403 | 0.328  | 0 | -0.4867 | -0.1587 |
| 1285 | 18.9 | 18.7 | 0.3453 | 0 | 0.0923 | 0.4376 | 0.3127 | 0 | -0.4116 | -0.0989 |
| 1286 | 18.9 | 18.7 | 0.3454 | 0 | 0.0888 | 0.4341 | 0.3111 | 0 | -0.3822 | -0.0711 |

|      |      |      |        |   |        |        |        |   |         |         |
|------|------|------|--------|---|--------|--------|--------|---|---------|---------|
| 1287 | 19.7 | 18.7 | 0.3451 | 0 | 0.0845 | 0.4296 | 0.3229 | 0 | -0.3428 | -0.0199 |
| 1288 | 19.5 | 18.7 | 0.345  | 0 | 0.0818 | 0.4268 | 0.3462 | 0 | -0.7804 | -0.4342 |
| 1289 | 18.4 | 18.7 | 0.344  | 0 | 0.0805 | 0.4246 | 0.3604 | 0 | -0.9877 | -0.6273 |
| 1290 | 17.5 | 18.8 | 0.3413 | 0 | 0.1148 | 0.4561 | 0.364  | 0 | -0.9898 | -0.6258 |
| 1291 | 17.3 | 18.8 | 0.3384 | 0 | 0.2249 | 0.5633 | 0.3615 | 0 | -0.9402 | -0.5787 |
| 1292 | 18.4 | 18.9 | 0.3406 | 0 | 0.2195 | 0.5601 | 0.3425 | 0 | -0.8828 | -0.5403 |
| 1293 | 17.5 | 18.9 | 0.3402 | 0 | 0.2123 | 0.5525 | 0.3155 | 0 | -0.8108 | -0.4952 |
| 1294 | 18.2 | 18.9 | 0.3411 | 0 | 0.2066 | 0.5477 | 0.2879 | 0 | -0.8169 | -0.5289 |
| 1295 | 18.7 | 19   | 0.3401 | 0 | 0.2031 | 0.5432 | 0.2786 | 0 | -0.7978 | -0.5193 |
| 1296 | 18.9 | 19.1 | 0.3388 | 0 | 0.1986 | 0.5374 | 0.2674 | 0 | -0.7512 | -0.4838 |
| 1297 | 19.3 | 19.2 | 0.3387 | 0 | 0.1917 | 0.5303 | 0.2566 | 0 | -0.7044 | -0.4477 |
| 1298 | 19.7 | 19.2 | 0.3386 | 0 | 0.185  | 0.5236 | 0.2663 | 0 | -0.6789 | -0.4126 |
| 1299 | 19.6 | 19.3 | 0.339  | 0 | 0.1781 | 0.5171 | 0.2994 | 0 | -0.6752 | -0.3758 |
| 1300 | 19.6 | 19.4 | 0.3396 | 0 | 0.1731 | 0.5126 | 0.3027 | 0 | -0.6834 | -0.3807 |
| 1301 | 19.8 | 19.6 | 0.3391 | 0 | 0.1679 | 0.507  | 0.2751 | 0 | -0.6828 | -0.4077 |
| 1302 | 19.7 | 19.6 | 0.3395 | 0 | 0.1633 | 0.5029 | 0.2692 | 0 | -0.7059 | -0.4367 |
| 1303 | 19.9 | 19.7 | 0.3403 | 0 | 0.1597 | 0.5    | 0.2546 | 0 | -0.6984 | -0.4438 |
| 1304 | 20.5 | 19.7 | 0.3404 | 0 | 0.1572 | 0.4976 | 0.2517 | 0 | -0.0747 | 0.177   |
| 1305 | 20.7 | 19.7 | 0.3399 | 0 | 0.1551 | 0.495  | 0.2561 | 0 | 1.4628  | 1.719   |
| 1306 | 20.8 | 19.7 | 0.3393 | 0 | 0.151  | 0.4903 | 0.241  | 0 | 2.5771  | 2.818   |
| 1307 | 20.4 | 19.7 | 0.3385 | 0 | 0.1454 | 0.4839 | 0.2224 | 0 | 2.6174  | 2.8398  |
| 1308 | 20.1 | 19.7 | 0.3351 | 0 | 0.141  | 0.4761 | 0.2116 | 0 | 2.6118  | 2.8234  |
| 1309 | 20.3 | 19.7 | 0.3347 | 0 | 0.1372 | 0.4719 | 0.2341 | 0 | 1.1717  | 1.4058  |
| 1310 | 19.7 | 19.7 | 0.3356 | 0 | 0.1338 | 0.4694 | 0.2564 | 0 | 0.7979  | 1.0542  |
| 1311 | 19   | 19.6 | 0.3361 | 0 | 0.1313 | 0.4674 | 0.2772 | 0 | 0.7213  | 0.9985  |
| 1312 | 19.1 | 19.6 | 0.3358 | 0 | 0.1303 | 0.4661 | 0.2851 | 0 | 0.6691  | 0.9542  |
| 1313 | 18.5 | 19.6 | 0.3347 | 0 | 0.1304 | 0.465  | 0.2963 | 0 | 0.6663  | 0.9626  |
| 1314 | 19.4 | 19.5 | 0.3321 | 0 | 0.1314 | 0.4635 | 0.3218 | 0 | 0.6634  | 0.9852  |
| 1315 | 18.6 | 19.4 | 0.3358 | 0 | 0.1246 | 0.4604 | 0.2793 | 0 | 0.6999  | 0.9791  |
| 1316 | 19.3 | 19.3 | 0.3361 | 0 | 0.1212 | 0.4572 | 0.2759 | 0 | 0.6853  | 0.9612  |
| 1317 | 19.6 | 19.3 | 0.3346 | 0 | 0.1176 | 0.4522 | 0.4428 | 0 | 0.4852  | 0.928   |
| 1318 | 19.8 | 19.3 | 0.3334 | 0 | 0.1129 | 0.4463 | 0.5377 | 0 | 0.353   | 0.8908  |
| 1319 | 19.7 | 19.2 | 0.3326 | 0 | 0.1088 | 0.4414 | 0.5653 | 0 | 0.2613  | 0.8267  |
| 1320 | 18.1 | 19.3 | 0.3314 | 0 | 0.1064 | 0.4378 | 0.5673 | 0 | 0.2152  | 0.7825  |
| 1321 | 19.4 | 19.3 | 0.3298 | 0 | 0.1013 | 0.4311 | 0.5466 | 0 | 0.1925  | 0.7392  |
| 1322 | 18.6 | 19.3 | 0.3263 | 0 | 0.227  | 0.5533 | 0.5795 | 0 | 0.1629  | 0.7425  |
| 1323 | 19.2 | 19.3 | 0.3263 | 0 | 0.2437 | 0.5701 | 0.6063 | 0 | 0.1484  | 0.7547  |

|      |      |      |        |   |        |        |        |   |         |         |
|------|------|------|--------|---|--------|--------|--------|---|---------|---------|
| 1324 | 18.7 | 19.3 | 0.3265 | 0 | 0.2376 | 0.5641 | 0.6092 | 0 | 0.1564  | 0.7656  |
| 1325 | 19.1 | 19.3 | 0.3256 | 0 | 0.2289 | 0.5544 | 0.6119 | 0 | 0.1686  | 0.7805  |
| 1326 | 20.3 | 19.3 | 0.3249 | 0 | 0.2199 | 0.5448 | 0.6303 | 0 | 0.1579  | 0.7882  |
| 1327 | 20.4 | 19.3 | 0.3256 | 0 | 0.2143 | 0.5399 | 0.6235 | 0 | 0.1022  | 0.7258  |
| 1328 | 19.3 | 19.3 | 0.3246 | 0 | 0.2092 | 0.5338 | 0.5905 | 0 | 0.1931  | 0.7836  |
| 1329 | 20.1 | 19.2 | 0.3267 | 0 | 0.204  | 0.5307 | 0.5857 | 0 | 0.1331  | 0.7188  |
| 1330 | 19.2 | 19.2 | 0.327  | 0 | 0.1954 | 0.5224 | 0.609  | 0 | -0.541  | 0.068   |
| 1331 | 18.9 | 19.2 | 0.3259 | 0 | 0.1876 | 0.5135 | 0.6118 | 0 | -0.8258 | -0.214  |
| 1332 | 19.3 | 19.3 | 0.3254 | 0 | 0.1808 | 0.5063 | 0.5919 | 0 | -0.8477 | -0.2557 |
| 1333 | 19.6 | 19.3 | 0.3258 | 0 | 0.1727 | 0.4985 | 0.5794 | 0 | -0.8138 | -0.2344 |
| 1334 | 18.8 | 19.3 | 0.326  | 0 | 0.1625 | 0.4885 | 0.5418 | 0 | -0.7888 | -0.247  |
| 1335 | 19.1 | 19.2 | 0.3261 | 0 | 0.1558 | 0.4818 | 0.4909 | 0 | -0.7332 | -0.2422 |
| 1336 | 20.1 | 19.1 | 0.3248 | 0 | 0.1476 | 0.4723 | 0.4769 | 0 | -0.7137 | -0.2368 |
| 1337 | 19   | 19   | 0.3215 | 0 | 0.187  | 0.5085 | 0.4767 | 0 | -0.6867 | -0.21   |
| 1338 | 18.1 | 19   | 0.3187 | 0 | 0.2044 | 0.5231 | 0.473  | 0 | -0.615  | -0.1419 |
| 1339 | 18.3 | 18.9 | 0.3177 | 0 | 0.2017 | 0.5194 | 0.4755 | 0 | -0.5561 | -0.0806 |
| 1340 | 19.4 | 18.7 | 0.3178 | 0 | 0.1923 | 0.5101 | 0.4764 | 0 | -0.4976 | -0.0212 |
| 1341 | 20.2 | 18.8 | 0.3185 | 0 | 0.1802 | 0.4987 | 0.4648 | 0 | -0.061  | 0.4038  |
| 1342 | 19   | 18.8 | 0.3208 | 0 | 0.1686 | 0.4894 | 0.4449 | 0 | 1.1539  | 1.5987  |
| 1343 | 18.7 | 18.7 | 0.3226 | 0 | 0.1599 | 0.4825 | 0.4443 | 0 | 1.1707  | 1.6149  |
| 1344 | 17.6 | 18.7 | 0.3236 | 0 | 0.1485 | 0.4721 | 0.4308 | 0 | 1.1832  | 1.614   |
| 1345 | 18.1 | 18.8 | 0.3249 | 0 | 0.1358 | 0.4608 | 0.4423 | 0 | 0.2055  | 0.6478  |
| 1346 | 18.9 | 18.8 | 0.326  | 0 | 0.1243 | 0.4502 | 0.4731 | 0 | -0.2271 | 0.2461  |
| 1347 | 18.5 | 18.9 | 0.3256 | 0 | 0.115  | 0.4405 | 0.4691 | 0 | -0.2619 | 0.2072  |
| 1348 | 17.4 | 19   | 0.3235 | 0 | 0.1068 | 0.4303 | 0.4409 | 0 | -0.2844 | 0.1565  |
| 1349 | 17   | 19   | 0.3224 | 0 | 0.099  | 0.4215 | 0.437  | 0 | -0.2877 | 0.1494  |
| 1350 | 19.4 | 19.1 | 0.3246 | 0 | 0.0909 | 0.4155 | 0.4524 | 0 | -0.3027 | 0.1496  |
| 1351 | 19.3 | 19   | 0.3254 | 0 | 0.0854 | 0.4108 | 0.4669 | 0 | -0.3134 | 0.1536  |
| 1352 | 18.9 | 19.1 | 0.3266 | 0 | 0.0775 | 0.4041 | 0.4746 | 0 | -0.2563 | 0.2183  |
| 1353 | 19   | 19.1 | 0.3261 | 0 | 0.0659 | 0.392  | 0.502  | 0 | -0.211  | 0.291   |
| 1354 | 19.8 | 19.1 | 0.3251 | 0 | 0.053  | 0.3782 | 0.5156 | 0 | -0.1581 | 0.3575  |
| 1355 | 20.7 | 19.1 | 0.326  | 0 | 0.0409 | 0.3669 | 0.5118 | 0 | -0.0888 | 0.423   |
| 1356 | 20.5 | 19.1 | 0.3273 | 0 | 0.0285 | 0.3558 | 0.4973 | 0 | -0.015  | 0.4824  |
| 1357 | 19.2 | 19.1 | 0.3275 | 0 | 0.0198 | 0.3472 | 0.4653 | 0 | 0.0325  | 0.4979  |
| 1358 | 19.4 | 19.1 | 0.3247 | 0 | 0.156  | 0.4807 | 0.4688 | 0 | 0.0415  | 0.5103  |
| 1359 | 20.2 | 19.2 | 0.3244 | 0 | 0.1834 | 0.5078 | 0.4409 | 0 | 0.0955  | 0.5364  |
| 1360 | 20   | 19.1 | 0.3249 | 0 | 0.1791 | 0.504  | 0.4469 | 0 | 0.12    | 0.5669  |

|      |      |      |        |   |        |        |        |   |         |         |
|------|------|------|--------|---|--------|--------|--------|---|---------|---------|
| 1361 | 19.2 | 19.1 | 0.3249 | 0 | 0.1728 | 0.4976 | 0.4613 | 0 | 0.1589  | 0.6202  |
| 1362 | 18.7 | 19.1 | 0.3238 | 0 | 0.1629 | 0.4867 | 0.4963 | 0 | -0.2986 | 0.1977  |
| 1363 | 18.3 | 19.2 | 0.3224 | 0 | 0.1555 | 0.4779 | 0.5284 | 0 | -0.8993 | -0.3709 |
| 1364 | 18.1 | 19.1 | 0.3249 | 0 | 0.1459 | 0.4708 | 0.5048 | 0 | -0.8334 | -0.3285 |
| 1365 | 18.6 | 19   | 0.3239 | 0 | 0.1398 | 0.4638 | 0.4585 | 0 | -0.7615 | -0.303  |
| 1366 | 18.6 | 18.8 | 0.3057 | 0 | 0.1533 | 0.4589 | 0.4955 | 0 | -0.7312 | -0.2357 |
| 1367 | 18.5 | 18.7 | 0.2943 | 0 | 0.1589 | 0.4532 | 0.4939 | 0 | -0.6899 | -0.196  |
| 1368 | 18.3 | 18.7 | 0.2903 | 0 | 0.1584 | 0.4487 | 0.459  | 0 | -0.6377 | -0.1787 |
| 1369 | 18.4 | 18.6 | 0.2899 | 0 | 0.157  | 0.4469 | 0.4423 | 0 | -0.6043 | -0.162  |
| 1370 | 18.8 | 18.6 | 0.2913 | 0 | 0.1541 | 0.4454 | 0.453  | 0 | -0.5772 | -0.1242 |
| 1371 | 19.1 | 18.6 | 0.2888 | 0 | 0.1523 | 0.4411 | 0.4497 | 0 | -0.5149 | -0.0652 |
| 1372 | 19.5 | 18.7 | 0.287  | 0 | 0.1486 | 0.4356 | 0.4514 | 0 | -0.4741 | -0.0227 |
| 1373 | 18.4 | 18.8 | 0.2872 | 0 | 0.1414 | 0.4286 | 0.4051 | 0 | 0.8452  | 1.2504  |
| 1374 | 18.4 | 18.9 | 0.2883 | 0 | 0.1329 | 0.4213 | 0.4028 | 0 | 1.091   | 1.4938  |
| 1375 | 18.1 | 18.9 | 0.2885 | 0 | 0.1241 | 0.4127 | 0.4151 | 0 | 1.094   | 1.5091  |
| 1376 | 17.6 | 18.9 | 0.288  | 0 | 0.116  | 0.404  | 0.422  | 0 | 1.081   | 1.503   |
| 1377 | 18.2 | 19   | 0.2881 | 0 | 0.109  | 0.3972 | 0.4198 | 0 | 1.0749  | 1.4948  |
| 1378 | 19   | 19   | 0.2883 | 0 | 0.1064 | 0.3947 | 0.4064 | 0 | 1.0693  | 1.4757  |
| 1379 | 19.3 | 19   | 0.2878 | 0 | 0.1689 | 0.4567 | 0.4046 | 0 | 1.0732  | 1.4778  |
| 1380 | 19.9 | 19   | 0.2872 | 0 | 0.1918 | 0.4789 | 0.4159 | 0 | 1.0975  | 1.5134  |
| 1381 | 20.1 | 19   | 0.2882 | 0 | 0.1883 | 0.4765 | 0.4105 | 0 | 1.0973  | 1.5078  |
| 1382 | 20   | 18.9 | 0.2887 | 0 | 0.1809 | 0.4696 | 0.3944 | 0 | 1.1078  | 1.5022  |
| 1383 | 19.5 | 18.9 | 0.2908 | 0 | 0.1756 | 0.4664 | 0.4164 | 0 | 0.5686  | 0.985   |
| 1384 | 19.2 | 19   | 0.2971 | 0 | 0.1675 | 0.4645 | 0.4608 | 0 | -0.2206 | 0.2402  |
| 1385 | 19.3 | 19   | 0.2976 | 0 | 0.1636 | 0.4612 | 0.4676 | 0 | -0.2324 | 0.2352  |
| 1386 | 19.4 | 19.1 | 0.2977 | 0 | 0.1574 | 0.4551 | 0.4836 | 0 | -0.2285 | 0.2551  |
| 1387 | 19   | 19.2 | 0.2978 | 0 | 0.146  | 0.4438 | 0.4256 | 0 | -0.1973 | 0.2282  |
| 1388 | 18.5 | 19.2 | 0.2975 | 0 | 0.1374 | 0.4349 | 0.3783 | 0 | 0.2846  | 0.6629  |
| 1389 | 18.3 | 19.2 | 0.2964 | 0 | 0.1303 | 0.4267 | 0.3275 | 0 | 0.5497  | 0.8772  |
| 1390 | 18.5 | 19.1 | 0.2948 | 0 | 0.1209 | 0.4157 | 0.2979 | 0 | 0.6054  | 0.9033  |
| 1391 | 19   | 19.1 | 0.2939 | 0 | 0.1095 | 0.4034 | 0.2881 | 0 | 0.5832  | 0.8714  |
| 1392 | 18.2 | 19.1 | 0.2961 | 0 | 0.1025 | 0.3986 | 0.2843 | 0 | 0.5282  | 0.8126  |
| 1393 | 19.4 | 19.1 | 0.2971 | 0 | 0.0939 | 0.3911 | 0.305  | 0 | 0.4511  | 0.7561  |
| 1394 | 18.4 | 19.1 | 0.2969 | 0 | 0.186  | 0.4829 | 0.3014 | 0 | 0.4528  | 0.7542  |
| 1395 | 19.5 | 19.1 | 0.2928 | 0 | 0.2258 | 0.5186 | 0.3045 | 0 | 0.3891  | 0.6937  |
| 1396 | 19.8 | 19.1 | 0.2919 | 0 | 0.2248 | 0.5166 | 0.3192 | 0 | 0.3351  | 0.6544  |
| 1397 | 18.9 | 19.1 | 0.2946 | 0 | 0.2201 | 0.5147 | 0.3369 | 0 | 0.2764  | 0.6133  |

|      |      |      |        |   |        |        |        |   |         |         |
|------|------|------|--------|---|--------|--------|--------|---|---------|---------|
| 1398 | 19.3 | 19.1 | 0.2949 | 0 | 0.2137 | 0.5087 | 0.3423 | 0 | 0.2016  | 0.5439  |
| 1399 | 19.5 | 19.3 | 0.2937 | 0 | 0.2084 | 0.5021 | 0.3416 | 0 | 0.1248  | 0.4664  |
| 1400 | 20.2 | 19.3 | 0.2929 | 0 | 0.2044 | 0.4973 | 0.3971 | 0 | 0.0872  | 0.4843  |
| 1401 | 19   | 19.3 | 0.2916 | 0 | 0.1936 | 0.4852 | 0.4144 | 0 | 0.0758  | 0.4902  |
| 1402 | 19.4 | 19.3 | 0.2893 | 0 | 0.1844 | 0.4738 | 0.4363 | 0 | 0.055   | 0.4913  |
| 1403 | 19.3 | 19.3 | 0.2888 | 0 | 0.1755 | 0.4643 | 0.4823 | 0 | -0.54   | -0.0577 |
| 1404 | 18.9 | 19.3 | 0.2892 | 0 | 0.1661 | 0.4553 | 0.5064 | 0 | -1.203  | -0.6967 |
| 1405 | 18.9 | 19.2 | 0.2902 | 0 | 0.1566 | 0.4468 | 0.4954 | 0 | -1.2838 | -0.7884 |
| 1406 | 19.3 | 19.2 | 0.2928 | 0 | 0.1477 | 0.4405 | 0.4949 | 0 | -1.3495 | -0.8546 |
| 1407 | 19.8 | 19.1 | 0.2916 | 0 | 0.1412 | 0.4328 | 0.517  | 0 | -1.3911 | -0.8741 |
| 1408 | 20.5 | 19.2 | 0.291  | 0 | 0.1315 | 0.4225 | 0.4987 | 0 | -1.3799 | -0.8812 |
| 1409 | 19.6 | 19.2 | 0.29   | 0 | 0.1252 | 0.4152 | 0.4587 | 0 | 0.0721  | 0.5307  |
| 1410 | 19.1 | 19.1 | 0.2895 | 0 | 0.1179 | 0.4073 | 0.455  | 0 | 0.4159  | 0.8709  |
| 1411 | 18.5 | 19.1 | 0.2864 | 0 | 0.1612 | 0.4476 | 0.4575 | 0 | 0.4305  | 0.8879  |
| 1412 | 17.9 | 19.1 | 0.2829 | 0 | 0.2202 | 0.5032 | 0.4635 | 0 | 0.4281  | 0.8916  |
| 1413 | 18.6 | 19   | 0.2842 | 0 | 0.2137 | 0.4979 | 0.4549 | 0 | 0.3914  | 0.8462  |
| 1414 | 18.8 | 19.1 | 0.2862 | 0 | 0.2075 | 0.4938 | 0.4469 | 0 | 0.3729  | 0.8197  |
| 1415 | 18.5 | 19.2 | 0.2862 | 0 | 0.1978 | 0.484  | 0.4774 | 0 | 0.3389  | 0.8163  |
| 1416 | 18.7 | 19.4 | 0.2867 | 0 | 0.1901 | 0.4768 | 0.4688 | 0 | 0.3514  | 0.8202  |
| 1417 | 19.6 | 19.4 | 0.2887 | 0 | 0.1813 | 0.4701 | 0.2837 | 0 | 0.5376  | 0.8213  |
| 1418 | 19.6 | 19.4 | 0.2892 | 0 | 0.1733 | 0.4625 | 0.1553 | 0 | 0.6077  | 0.763   |
| 1419 | 18.8 | 19.3 | 0.2873 | 0 | 0.1666 | 0.4539 | 0.1193 | 0 | 0.6379  | 0.7573  |
| 1420 | 19.3 | 19.4 | 0.2864 | 0 | 0.1579 | 0.4444 | 0.1269 | 0 | 0.6527  | 0.7797  |
| 1421 | 18.3 | 19.4 | 0.2846 | 0 | 0.1487 | 0.4333 | 0.1482 | 0 | 0.6552  | 0.8034  |
| 1422 | 18.7 | 19.4 | 0.2858 | 0 | 0.1425 | 0.4283 | 0.1171 | 0 | 0.678   | 0.7951  |
| 1423 | 20.2 | 19.5 | 0.2861 | 0 | 0.1347 | 0.4207 | 0.0672 | 0 | 0.6789  | 0.7461  |
| 1424 | 21.7 | 19.5 | 0.285  | 0 | 0.1281 | 0.4132 | 0.0765 | 0 | 0.6592  | 0.7357  |
| 1425 | 21.6 | 19.4 | 0.2834 | 0 | 0.1208 | 0.4041 | 0.0624 | 0 | 0.5989  | 0.6614  |
| 1426 | 20.1 | 19.4 | 0.2829 | 0 | 0.1124 | 0.3953 | 0.0643 | 0 | 0.5277  | 0.592   |
| 1427 | 20.2 | 19.4 | 0.285  | 0 | 0.1074 | 0.3924 | 0.0688 | 0 | 0.4618  | 0.5306  |
| 1428 | 19.2 | 19.3 | 0.2841 | 0 | 0.1018 | 0.386  | 0.0538 | 0 | 0.4104  | 0.4642  |
| 1429 | 19.7 | 19.3 | 0.2851 | 0 | 0.0943 | 0.3794 | 0.0516 | 0 | 0.4028  | 0.4543  |
| 1430 | 18.9 | 19.2 | 0.2859 | 0 | 0.0857 | 0.3716 | 0.0354 | 0 | 1.0529  | 1.0883  |
| 1431 | 18.8 | 19.2 | 0.2864 | 0 | 0.0768 | 0.3632 | 0.0298 | 0 | 1.3242  | 1.354   |
| 1432 | 19.1 | 19.2 | 0.2838 | 0 | 0.124  | 0.4077 | 0.0445 | 0 | 1.344   | 1.3885  |
| 1433 | 18.8 | 19.1 | 0.2797 | 0 | 0.1947 | 0.4744 | 0.049  | 0 | 1.3268  | 1.3758  |
| 1434 | 17.9 | 18.9 | 0.2793 | 0 | 0.1857 | 0.465  | 0.0539 | 0 | 1.3238  | 1.3777  |

|      |      |      |        |   |        |        |         |   |        |        |
|------|------|------|--------|---|--------|--------|---------|---|--------|--------|
| 1435 | 18.7 | 18.8 | 0.2777 | 0 | 0.1786 | 0.4563 | 0.1232  | 0 | 1.2926 | 1.4157 |
| 1436 | 18.4 | 18.7 | 0.2822 | 0 | 0.1673 | 0.4495 | 0.1171  | 0 | 1.3069 | 1.424  |
| 1437 | 18.3 | 18.6 | 0.2836 | 0 | 0.1586 | 0.4422 | 0.1039  | 0 | 1.2865 | 1.3904 |
| 1438 | 18   | 18.5 | 0.286  | 0 | 0.1494 | 0.4354 | 0.0982  | 0 | 1.2119 | 1.3102 |
| 1439 | 18   | 18.4 | 0.2879 | 0 | 0.1412 | 0.4291 | 0.1144  | 0 | 1.1722 | 1.2866 |
| 1440 | 18.5 | 18.4 | 0.289  | 0 | 0.134  | 0.423  | 0.0963  | 0 | 1.181  | 1.2773 |
| 1441 | 18.9 | 18.4 | 0.29   | 0 | 0.1274 | 0.4174 | 0.0754  | 0 | 1.1037 | 1.1791 |
| 1442 | 18.2 | 18.4 | 0.2903 | 0 | 0.1235 | 0.4138 | 0.0754  | 0 | 1.0005 | 1.0759 |
| 1443 | 18.4 | 18.5 | 0.2925 | 0 | 0.1146 | 0.4071 | 0.1156  | 0 | 0.9467 | 1.0623 |
| 1444 | 18.3 | 18.5 | 0.2931 | 0 | 0.1096 | 0.4028 | 0.1287  | 0 | 0.8888 | 1.0175 |
| 1445 | 18.3 | 18.6 | 0.293  | 0 | 0.1023 | 0.3953 | 0.128   | 0 | 1.8514 | 1.9794 |
| 1446 | 18.2 | 18.6 | 0.2923 | 0 | 0.0966 | 0.3889 | 0.0952  | 0 | 2.2643 | 2.3595 |
| 1447 | 18.1 | 18.6 | 0.2913 | 0 | 0.0948 | 0.3861 | 0.1051  | 0 | 1.7072 | 1.8122 |
| 1448 | 18.3 | 18.6 | 0.2894 | 0 | 0.0943 | 0.3837 | 0.1552  | 0 | 0.3309 | 0.4861 |
| 1449 | 18.3 | 18.7 | 0.2827 | 0 | 0.0903 | 0.373  | 0.1333  | 0 | 0.3706 | 0.5039 |
| 1450 | 18.5 | 18.7 | 0.2831 | 0 | 0.0833 | 0.3664 | 0.1141  | 0 | 0.3776 | 0.4917 |
| 1451 | 20.1 | 18.7 | 0.2818 | 0 | 0.0799 | 0.3617 | 0.1051  | 0 | 0.384  | 0.4891 |
| 1452 | 19.8 | 18.7 | 0.2784 | 0 | 0.1315 | 0.4099 | 0.0885  | 0 | 0.306  | 0.3945 |
| 1453 | 18.9 | 18.7 | 0.2755 | 0 | 0.1862 | 0.4617 | 0.0568  | 0 | 0.2343 | 0.2911 |
| 1454 | 19.5 | 18.7 | 0.2756 | 0 | 0.1814 | 0.457  | 0.0536  | 0 | 0.2064 | 0.26   |
| 1455 | 18.3 | 18.7 | 0.2765 | 0 | 0.1759 | 0.4524 | 0.0672  | 0 | 0.1697 | 0.2369 |
| 1456 | 18.1 | 18.7 | 0.2756 | 0 | 0.1676 | 0.4432 | 0.0922  | 0 | 0.121  | 0.2133 |
| 1457 | 18.8 | 18.6 | 0.2776 | 0 | 0.1577 | 0.4354 | 0.1084  | 0 | 0.0845 | 0.1929 |
| 1458 | 19.1 | 18.6 | 0.2788 | 0 | 0.1488 | 0.4276 | 0.1199  | 0 | 0.0667 | 0.1866 |
| 1459 | 18.9 | 18.6 | 0.2789 | 0 | 0.1418 | 0.4207 | 0.1065  | 0 | 0.0204 | 0.127  |
| 1460 | 18.6 | 18.5 | 0.2792 | 0 | 0.136  | 0.4152 | 0.0863  | 0 | -0.005 | 0.0813 |
| 1461 | 18   | 18.5 | 0.2785 | 0 | 0.13   | 0.4085 | 0.0772  | 0 | -0.045 | 0.0322 |
| 1462 | 18.4 | 18.4 | 0.2783 | 0 | 0.1238 | 0.4021 | 0.0364  | 0 | 0.4382 | 0.4746 |
| 1463 | 18.7 | 18.4 | 0.2777 | 0 | 0.1183 | 0.3959 | -0.0081 | 0 | 1.0817 | 1.0736 |
| 1464 | 18.6 | 18.3 | 0.2771 | 0 | 0.112  | 0.3891 | -0.0021 | 0 | 1.0806 | 1.0785 |
| 1465 | 18.1 | 18.3 | 0.277  | 0 | 0.1047 | 0.3817 | 0.0197  | 0 | 1.103  | 1.1227 |
| 1466 | 17.3 | 18.3 | 0.2773 | 0 | 0.0995 | 0.3768 | 0.0261  | 0 | 1.0288 | 1.0549 |
| 1467 | 17.2 | 18.3 | 0.2788 | 0 | 0.0981 | 0.3769 | 0.0207  | 0 | 1.0152 | 1.0359 |
| 1468 | 17.8 | 18.3 | 0.2784 | 0 | 0.0946 | 0.373  | 0.0476  | 0 | 0.9822 | 1.0298 |
| 1469 | 18.3 | 18.3 | 0.2772 | 0 | 0.0917 | 0.3689 | 0.0683  | 0 | 0.9494 | 1.0176 |
| 1470 | 18.6 | 18.3 | 0.2765 | 0 | 0.0886 | 0.3651 | 0.051   | 0 | 0.9423 | 0.9933 |
| 1471 | 18.7 | 18.3 | 0.2771 | 0 | 0.0845 | 0.3616 | 0.0433  | 0 | 0.9097 | 0.9531 |

|      |      |      |        |   |         |        |         |   |        |        |
|------|------|------|--------|---|---------|--------|---------|---|--------|--------|
| 1472 | 18.2 | 18.3 | 0.2803 | 0 | 0.0807  | 0.361  | 0.0201  | 0 | 0.8347 | 0.8547 |
| 1473 | 18.2 | 18.3 | 0.2795 | 0 | 0.0755  | 0.355  | 0.0133  | 0 | 0.8092 | 0.8225 |
| 1474 | 18.6 | 18.4 | 0.2821 | 0 | 0.073   | 0.3551 | 0.0047  | 0 | 0.7755 | 0.7802 |
| 1475 | 18.5 | 18.5 | 0.2821 | 0 | 0.0714  | 0.3534 | 0.0055  | 0 | 0.7466 | 0.7521 |
| 1476 | 18.2 | 18.5 | 0.2812 | 0 | 0.0698  | 0.3509 | 0.0297  | 0 | 0.6904 | 0.7201 |
| 1477 | 18.4 | 18.6 | 0.2828 | 0 | 0.068   | 0.3508 | 0.0431  | 0 | 0.703  | 0.7461 |
| 1478 | 18.9 | 18.7 | 0.2831 | 0 | 0.0662  | 0.3493 | 0.0544  | 0 | 0.7568 | 0.8112 |
| 1479 | 18.4 | 18.8 | 0.2842 | 0 | 0.0636  | 0.3479 | 0.0307  | 0 | 0.805  | 0.8357 |
| 1480 | 18.6 | 18.9 | 0.2842 | 0 | 0.0593  | 0.3435 | 0.0372  | 0 | 0.822  | 0.8592 |
| 1481 | 18.6 | 18.9 | 0.2838 | 0 | 0.0539  | 0.3377 | 0.0383  | 0 | 0.8152 | 0.8535 |
| 1482 | 18.7 | 19   | 0.2838 | 0 | 0.0483  | 0.332  | 0.0449  | 0 | 0.8032 | 0.8481 |
| 1483 | 19.7 | 19   | 0.2854 | 0 | 0.0432  | 0.3286 | 0.0204  | 0 | 1.3416 | 1.3621 |
| 1484 | 19.8 | 19   | 0.2848 | 0 | 0.0382  | 0.323  | -0.0431 | 0 | 1.5551 | 1.512  |
| 1485 | 18.9 | 19   | 0.2859 | 0 | 0.033   | 0.3188 | -0.0306 | 0 | 0.9387 | 0.9081 |
| 1486 | 18.9 | 19   | 0.2873 | 0 | 0.0288  | 0.3161 | -0.0177 | 0 | 0.6641 | 0.6464 |
| 1487 | 19.3 | 19   | 0.2879 | 0 | 0.0248  | 0.3127 | 0.0121  | 0 | 0.6162 | 0.6283 |
| 1488 | 20   | 19   | 0.286  | 0 | 0.0202  | 0.3062 | 0.0304  | 0 | 0.5921 | 0.6225 |
| 1489 | 20   | 18.9 | 0.2868 | 0 | 0.0122  | 0.2989 | 0.0557  | 0 | 0.5628 | 0.6185 |
| 1490 | 19.5 | 18.9 | 0.2873 | 0 | 0.0105  | 0.2978 | 0.0596  | 0 | 0.5125 | 0.5721 |
| 1491 | 19.3 | 18.8 | 0.2864 | 0 | 0.0094  | 0.2958 | 0.0596  | 0 | 0.4874 | 0.547  |
| 1492 | 19.3 | 18.8 | 0.2846 | 0 | 0.0078  | 0.2924 | 0.0652  | 0 | 0.4644 | 0.5296 |
| 1493 | 18.7 | 18.8 | 0.2843 | 0 | 0.0051  | 0.2893 | 0.0681  | 0 | 0.4699 | 0.538  |
| 1494 | 18   | 18.8 | 0.2841 | 0 | 0.0009  | 0.285  | 0.0968  | 0 | 0.4807 | 0.5775 |
| 1495 | 18.2 | 18.8 | 0.2833 | 0 | -0.0006 | 0.2827 | 0.1063  | 0 | 0.5162 | 0.6225 |
| 1496 | 18.6 | 18.9 | 0.2813 | 0 | 0.0541  | 0.3354 | 0.0872  | 0 | 0.4996 | 0.5868 |
| 1497 | 17.8 | 18.9 | 0.2791 | 0 | 0.187   | 0.4661 | 0.0645  | 0 | 0.4926 | 0.5571 |
| 1498 | 17.7 | 18.9 | 0.2816 | 0 | 0.1767  | 0.4583 | 0.0424  | 0 | 0.5353 | 0.5777 |
| 1499 | 17.5 | 18.8 | 0.2823 | 0 | 0.1706  | 0.453  | 0.0163  | 0 | 0.6007 | 0.617  |
| 1500 | 17.7 | 18.7 | 0.2824 | 0 | 0.166   | 0.4484 | -0.0449 | 0 | 0.6246 | 0.5797 |
| 1501 | 18.6 | 18.6 | 0.2828 | 0 | 0.163   | 0.4457 | -0.0356 | 0 | 0.6524 | 0.6168 |
| 1502 | 19.9 | 18.6 | 0.2837 | 0 | 0.161   | 0.4447 | -0.0327 | 0 | 0.7003 | 0.6676 |
| 1503 | 19.7 | 18.6 | 0.2834 | 0 | 0.1549  | 0.4383 | -0.0342 | 0 | 0.8922 | 0.8581 |
| 1504 | 19.5 | 18.6 | 0.2825 | 0 | 0.1491  | 0.4316 | -0.0415 | 0 | 0.9272 | 0.8857 |
| 1505 | 19.6 | 18.7 | 0.2809 | 0 | 0.1445  | 0.4254 | -0.0722 | 0 | 0.9809 | 0.9086 |
| 1506 | 19.3 | 18.7 | 0.2819 | 0 | 0.1393  | 0.4212 | -0.0617 | 0 | 0.9845 | 0.9228 |
| 1507 | 19.6 | 18.8 | 0.2796 | 0 | 0.1345  | 0.4142 | -0.0778 | 0 | 1.0008 | 0.923  |
| 1508 | 18.8 | 18.9 | 0.2804 | 0 | 0.1294  | 0.4098 | -0.0812 | 0 | 1.005  | 0.9238 |

|      |      |      |        |   |         |        |         |   |         |        |
|------|------|------|--------|---|---------|--------|---------|---|---------|--------|
| 1509 | 18   | 19   | 0.2813 | 0 | 0.1257  | 0.407  | -0.0702 | 0 | 1.0108  | 0.9406 |
| 1510 | 18   | 19   | 0.2818 | 0 | 0.1224  | 0.4041 | -0.0366 | 0 | 1.036   | 0.9993 |
| 1511 | 18.4 | 19.1 | 0.2828 | 0 | 0.1174  | 0.4002 | -0.0428 | 0 | 1.0938  | 1.051  |
| 1512 | 18.1 | 19   | 0.2838 | 0 | 0.1121  | 0.3958 | -0.049  | 0 | 1.1086  | 1.0595 |
| 1513 | 18.3 | 18.9 | 0.2844 | 0 | 0.1056  | 0.39   | -0.0512 | 0 | 1.1592  | 1.108  |
| 1514 | 19.7 | 18.8 | 0.2843 | 0 | 0.0972  | 0.3815 | -0.0678 | 0 | 1.2154  | 1.1475 |
| 1515 | 19.2 | 18.7 | 0.2836 | 0 | 0.0949  | 0.3785 | -0.0744 | 0 | 1.2502  | 1.1757 |
| 1516 | 19.9 | 18.7 | 0.2846 | 0 | 0.0886  | 0.3732 | -0.0247 | 0 | 1.2754  | 1.2507 |
| 1517 | 19.6 | 18.6 | 0.284  | 0 | 0.0831  | 0.3671 | -0.023  | 0 | 1.2855  | 1.2624 |
| 1518 | 18.6 | 18.6 | 0.2823 | 0 | 0.0783  | 0.3607 | 0.0182  | 0 | 1.3417  | 1.36   |
| 1519 | 18.8 | 18.6 | 0.2822 | 0 | 0.0723  | 0.3545 | 0.0415  | 0 | 0.7232  | 0.7646 |
| 1520 | 19.1 | 18.6 | 0.2821 | 0 | 0.0669  | 0.3491 | 0.0473  | 0 | 0.3212  | 0.3686 |
| 1521 | 18.3 | 18.6 | 0.2826 | 0 | 0.0652  | 0.3479 | 0.0341  | 0 | 0.3525  | 0.3866 |
| 1522 | 18.1 | 18.6 | 0.2844 | 0 | 0.0616  | 0.346  | 0.0095  | 0 | 0.3884  | 0.3979 |
| 1523 | 18.1 | 18.6 | 0.2856 | 0 | 0.0571  | 0.3427 | 0.034   | 0 | 0.45    | 0.484  |
| 1524 | 18.1 | 18.6 | 0.2845 | 0 | 0.0535  | 0.338  | 0.0281  | 0 | 0.4493  | 0.4774 |
| 1525 | 17.9 | 18.6 | 0.2804 | 0 | 0.0517  | 0.3321 | 0.0352  | 0 | 0.506   | 0.5412 |
| 1526 | 18.3 | 18.5 | 0.2786 | 0 | 0.0421  | 0.3207 | 0.0165  | 0 | 0.5697  | 0.5862 |
| 1527 | 18.5 | 18.5 | 0.2796 | 0 | 0.0317  | 0.3112 | -0.0111 | 0 | 0.6279  | 0.6168 |
| 1528 | 18.2 | 18.5 | 0.2811 | 0 | 0.0213  | 0.3024 | 0.0032  | 0 | 0.6797  | 0.683  |
| 1529 | 17.6 | 18.4 | 0.2814 | 0 | 0.0121  | 0.2935 | 0.0423  | 0 | 0.7295  | 0.7718 |
| 1530 | 18.9 | 18.3 | 0.2821 | 0 | 0.0042  | 0.2862 | 0.064   | 0 | 0.7702  | 0.8342 |
| 1531 | 17.8 | 18.3 | 0.2819 | 0 | -0.0035 | 0.2784 | 0.1016  | 0 | 0.1553  | 0.2569 |
| 1532 | 18.8 | 18.3 | 0.2818 | 0 | -0.0102 | 0.2715 | 0.0898  | 0 | -0.0531 | 0.0367 |
| 1533 | 19.2 | 18.3 | 0.284  | 0 | 0.0392  | 0.3232 | 0.0748  | 0 | -0.0431 | 0.0317 |
| 1534 | 19   | 18.2 | 0.2823 | 0 | 0.0918  | 0.3741 | 0.0914  | 0 | -0.0413 | 0.0501 |
| 1535 | 18.6 | 18.2 | 0.2795 | 0 | 0.1122  | 0.3917 | 0.0532  | 0 | -0.0083 | 0.0449 |
| 1536 | 18.7 | 18.1 | 0.281  | 0 | 0.1057  | 0.3867 | 0.0808  | 0 | 0.0028  | 0.0836 |
| 1537 | 18.7 | 18.1 | 0.2806 | 0 | 0.0994  | 0.38   | 0.116   | 0 | 0.051   | 0.167  |
| 1538 | 17.5 | 18   | 0.2804 | 0 | 0.0931  | 0.3735 | 0.1301  | 0 | 0.1127  | 0.2428 |
| 1539 | 17.5 | 18   | 0.282  | 0 | 0.0899  | 0.3719 | 0.1042  | 0 | 0.1671  | 0.2713 |
| 1540 | 17.8 | 18   | 0.283  | 0 | 0.0853  | 0.3683 | 0.0887  | 0 | 0.1461  | 0.2348 |
| 1541 | 17.9 | 18   | 0.2835 | 0 | 0.0809  | 0.3644 | 0.0842  | 0 | 0.1933  | 0.2774 |
| 1542 | 17.8 | 18   | 0.2835 | 0 | 0.0765  | 0.36   | 0.0626  | 0 | 0.2434  | 0.306  |
| 1543 | 17.1 | 17.9 | 0.2828 | 0 | 0.0665  | 0.3493 | 0.0291  | 0 | 0.2832  | 0.3124 |
| 1544 | 16.9 | 17.8 | 0.2825 | 0 | 0.058   | 0.3405 | 0.0206  | 0 | 0.3105  | 0.3311 |
| 1545 | 17.9 | 17.7 | 0.2843 | 0 | 0.0524  | 0.3367 | 0.0179  | 0 | 0.3179  | 0.3358 |

|      |      |      |        |   |         |        |        |   |        |        |
|------|------|------|--------|---|---------|--------|--------|---|--------|--------|
| 1546 | 17.2 | 17.7 | 0.2858 | 0 | 0.0474  | 0.3332 | 0.0599 | 0 | 0.3151 | 0.375  |
| 1547 | 16.9 | 17.6 | 0.2871 | 0 | 0.0413  | 0.3284 | 0.0832 | 0 | 0.8892 | 0.9724 |
| 1548 | 17.6 | 17.6 | 0.2877 | 0 | 0.0342  | 0.322  | 0.0808 | 0 | 2.2464 | 2.3272 |
| 1549 | 18.4 | 17.6 | 0.2872 | 0 | 0.0279  | 0.3151 | 0.1084 | 0 | 2.1626 | 2.2711 |
| 1550 | 18.4 | 17.7 | 0.2867 | 0 | 0.0181  | 0.3048 | 0.1058 | 0 | 2.1504 | 2.2561 |
| 1551 | 18.3 | 17.7 | 0.2851 | 0 | 0.0098  | 0.2949 | 0.0992 | 0 | 2.142  | 2.2412 |
| 1552 | 17.7 | 17.7 | 0.2818 | 0 | 0.0423  | 0.3241 | 0.1213 | 0 | 2.1441 | 2.2654 |
| 1553 | 16.9 | 17.8 | 0.2796 | 0 | 0.0935  | 0.3731 | 0.1347 | 0 | 2.1669 | 2.3016 |
| 1554 | 17   | 17.9 | 0.2828 | 0 | 0.0833  | 0.3661 | 0.1292 | 0 | 2.1472 | 2.2764 |
| 1555 | 18.3 | 17.9 | 0.2827 | 0 | 0.0774  | 0.3601 | 0.1197 | 0 | 2.124  | 2.2436 |
| 1556 | 17.9 | 18   | 0.2834 | 0 | 0.0675  | 0.3509 | 0.0961 | 0 | 2.1155 | 2.2116 |
| 1557 | 17.4 | 18.1 | 0.2857 | 0 | 0.0572  | 0.343  | 0.1033 | 0 | 2.0925 | 2.1958 |
| 1558 | 17.6 | 18.1 | 0.2858 | 0 | 0.0477  | 0.3336 | 0.0797 | 0 | 0.841  | 0.9206 |
| 1559 | 18.4 | 18.1 | 0.2826 | 0 | 0.0382  | 0.3208 | 0.1101 | 0 | 0.4528 | 0.5629 |
| 1560 | 18.3 | 18.1 | 0.2834 | 0 | 0.0266  | 0.3101 | 0.1289 | 0 | 0.4745 | 0.6034 |
| 1561 | 18.5 | 18.1 | 0.2834 | 0 | 0.0191  | 0.3025 | 0.1289 | 0 | 0.5514 | 0.6803 |
| 1562 | 18.4 | 18.1 | 0.2834 | 0 | 0.0079  | 0.2913 | 0.1426 | 0 | 0.5989 | 0.7415 |
| 1563 | 18.5 | 18.3 | 0.2845 | 0 | -0.0033 | 0.2812 | 0.1455 | 0 | 0.6546 | 0.8001 |
| 1564 | 18.7 | 18.4 | 0.2846 | 0 | -0.013  | 0.2716 | 0.1561 | 0 | 0.638  | 0.794  |
| 1565 | 18.2 | 18.5 | 0.2795 | 0 | -0.0228 | 0.2567 | 0.1428 | 0 | 0.634  | 0.7769 |
| 1566 | 18.6 | 18.5 | 0.2796 | 0 | -0.029  | 0.2506 | 0.13   | 0 | 0.6813 | 0.8113 |
| 1567 | 18.4 | 18.6 | 0.2769 | 0 | -0.036  | 0.2409 | 0.142  | 0 | 0.694  | 0.836  |
| 1568 | 18   | 18.7 | 0.2742 | 0 | 0.0223  | 0.2966 | 0.1415 | 0 | 0.7257 | 0.8672 |
| 1569 | 18.1 | 18.6 | 0.2725 | 0 | 0.0596  | 0.3321 | 0.1284 | 0 | 0.7538 | 0.8821 |
| 1570 | 18.4 | 18.6 | 0.2731 | 0 | 0.0534  | 0.3264 | 0.1501 | 0 | 0.7814 | 0.9316 |
| 1571 | 18.7 | 18.6 | 0.2762 | 0 | 0.0457  | 0.3218 | 0.1638 | 0 | 0.804  | 0.9678 |
| 1572 | 19.7 | 18.6 | 0.2769 | 0 | 0.0357  | 0.3126 | 0.1677 | 0 | 0.85   | 1.0177 |
| 1573 | 19.1 | 18.5 | 0.2767 | 0 | 0.0306  | 0.3073 | 0.1796 | 0 | 0.8635 | 1.0431 |
| 1574 | 20   | 18.5 | 0.2786 | 0 | 0.0224  | 0.301  | 0.199  | 0 | 0.7922 | 0.9913 |
| 1575 | 19.3 | 18.5 | 0.2804 | 0 | 0.0144  | 0.2948 | 0.2017 | 0 | 0.3499 | 0.5516 |
| 1576 | 18.7 | 18.5 | 0.2823 | 0 | 0.007   | 0.2892 | 0.097  | 0 | 0.3887 | 0.4857 |
| 1577 | 18.4 | 18.5 | 0.2824 | 0 | 0       | 0.2825 | 0.0477 | 0 | 0.3966 | 0.4443 |
| 1578 | 17.5 | 18.5 | 0.2789 | 0 | -0.0068 | 0.2721 | 0.0554 | 0 | 0.3515 | 0.4069 |
| 1579 | 17.9 | 18.5 | 0.2778 | 0 | -0.0134 | 0.2644 | 0.0724 | 0 | 0.2798 | 0.3522 |
| 1580 | 18.4 | 18.5 | 0.274  | 0 | 0.0438  | 0.3178 | 0.0605 | 0 | 0.2819 | 0.3424 |
| 1581 | 18   | 18.5 | 0.2748 | 0 | 0.0592  | 0.334  | 0.0702 | 0 | 0.2579 | 0.3281 |
| 1582 | 17.6 | 18.5 | 0.2763 | 0 | 0.0526  | 0.3289 | 0.0802 | 0 | 0.2369 | 0.3171 |

|      |      |      |        |   |         |        |        |   |        |        |
|------|------|------|--------|---|---------|--------|--------|---|--------|--------|
| 1583 | 17.9 | 18.4 | 0.2762 | 0 | 0.0474  | 0.3236 | 0.093  | 0 | 0.2024 | 0.2953 |
| 1584 | 18.4 | 18.3 | 0.2794 | 0 | 0.039   | 0.3185 | 0.1243 | 0 | 0.7234 | 0.8477 |
| 1585 | 18.7 | 18.3 | 0.2778 | 0 | 0.0327  | 0.3105 | 0.1037 | 0 | 1.2941 | 1.3978 |
| 1586 | 18.2 | 18.4 | 0.2757 | 0 | 0.0237  | 0.2994 | 0.0592 | 0 | 1.5482 | 1.6074 |
| 1587 | 18.1 | 18.5 | 0.2749 | 0 | 0.0135  | 0.2885 | 0.0537 | 0 | 1.521  | 1.5747 |
| 1588 | 18.5 | 18.6 | 0.2756 | 0 | 0.0035  | 0.2791 | 0.0432 | 0 | 1.5299 | 1.5731 |
| 1589 | 18.8 | 18.8 | 0.2779 | 0 | -0.0024 | 0.2755 | 0.0431 | 0 | 1.518  | 1.5612 |
| 1590 | 18.9 | 18.8 | 0.2789 | 0 | -0.0088 | 0.2701 | 0.0554 | 0 | 1.5348 | 1.5902 |
| 1591 | 18.7 | 18.9 | 0.2801 | 0 | -0.0149 | 0.2652 | 0.0659 | 0 | 1.2692 | 1.335  |
| 1592 | 18.3 | 19   | 0.2817 | 0 | -0.0205 | 0.2611 | 0.0915 | 0 | 0.473  | 0.5645 |
| 1593 | 18.3 | 19.1 | 0.2822 | 0 | -0.026  | 0.2562 | 0.0804 | 0 | 0.5284 | 0.6088 |
| 1594 | 19.1 | 19.2 | 0.2823 | 0 | -0.0309 | 0.2514 | 0.0743 | 0 | 0.4863 | 0.5606 |
| 1595 | 19.6 | 19.3 | 0.2773 | 0 | -0.0322 | 0.2452 | 0.0624 | 0 | 0.4587 | 0.5211 |
| 1596 | 19.8 | 19.4 | 0.273  | 0 | -0.0349 | 0.2382 | 0.0846 | 0 | 0.4631 | 0.5477 |
| 1597 | 20.3 | 19.4 | 0.271  | 0 | -0.0376 | 0.2334 | 0.1111 | 0 | 0.4839 | 0.595  |
| 1598 | 21   | 19.4 | 0.2708 | 0 | -0.0396 | 0.2312 | 0.1253 | 0 | 0.5101 | 0.6354 |
| 1599 | 19.5 | 19.3 | 0.2718 | 0 | -0.0444 | 0.2273 | 0.1475 | 0 | 0.4967 | 0.6441 |
| 1600 | 19.4 | 19.2 | 0.2725 | 0 | -0.0482 | 0.2243 | 0.1446 | 0 | 0.4784 | 0.623  |
| 1601 | 19.8 | 19.2 | 0.2706 | 0 | -0.0514 | 0.2192 | 0.1427 | 0 | 0.4555 | 0.5983 |
| 1602 | 20   | 19.2 | 0.2702 | 0 | -0.0557 | 0.2145 | 0.1364 | 0 | 0.4642 | 0.6007 |
| 1603 | 20.4 | 19.1 | 0.2705 | 0 | -0.0599 | 0.2106 | 0.1275 | 0 | 0.854  | 0.9815 |
| 1604 | 20.5 | 19.1 | 0.2705 | 0 | -0.0633 | 0.2073 | 0.0966 | 0 | 1.4424 | 1.539  |
| 1605 | 19.2 | 19   | 0.2713 | 0 | -0.067  | 0.2043 | 0.1307 | 0 | 1.403  | 1.5337 |
| 1606 | 18.4 | 18.9 | 0.2716 | 0 | -0.07   | 0.2016 | 0.132  | 0 | 1.4021 | 1.5341 |
| 1607 | 18.3 | 18.8 | 0.2717 | 0 | 0.0504  | 0.3221 | 0.1404 | 0 | 1.3598 | 1.5002 |
| 1608 | 17.8 | 18.7 | 0.2693 | 0 | 0.0842  | 0.3535 | 0.1663 | 0 | 1.2939 | 1.4601 |
| 1609 | 17.4 | 18.6 | 0.2685 | 0 | 0.0782  | 0.3467 | 0.2065 | 0 | 0.4798 | 0.6863 |
| 1610 | 17.6 | 18.5 | 0.2689 | 0 | 0.0672  | 0.3361 | 0.187  | 0 | 0.2596 | 0.4466 |
| 1611 | 17.8 | 18.4 | 0.2685 | 0 | 0.0575  | 0.326  | 0.2183 | 0 | 0.1943 | 0.4126 |
| 1612 | 17.6 | 18.3 | 0.2692 | 0 | 0.0466  | 0.3158 | 0.2415 | 0 | 0.179  | 0.4205 |
| 1613 | 18.2 | 18.1 | 0.2688 | 0 | 0.0418  | 0.3106 | 0.2407 | 0 | 0.1338 | 0.3745 |
| 1614 | 17.8 | 17.9 | 0.27   | 0 | 0.0338  | 0.3038 | 0.2417 | 0 | 0.0828 | 0.3246 |
| 1615 | 18.1 | 17.8 | 0.2706 | 0 | 0.0268  | 0.2974 | 0.2117 | 0 | 0.0409 | 0.2526 |
| 1616 | 18.7 | 17.7 | 0.2704 | 0 | 0.0192  | 0.2896 | 0.1348 | 0 | 0.0323 | 0.1671 |
| 1617 | 18.9 | 17.7 | 0.2698 | 0 | 0.0106  | 0.2804 | 0.1276 | 0 | 0.052  | 0.1796 |
| 1618 | 17.9 | 17.6 | 0.2695 | 0 | 0.003   | 0.2725 | 0.1103 | 0 | 0.0384 | 0.1488 |
| 1619 | 17.9 | 17.6 | 0.2672 | 0 | -0.0058 | 0.2614 | 0.097  | 0 | 0.6793 | 0.7763 |

|      |      |      |        |   |         |        |        |   |         |        |
|------|------|------|--------|---|---------|--------|--------|---|---------|--------|
| 1620 | 17.3 | 17.5 | 0.2657 | 0 | -0.0135 | 0.2523 | 0.0682 | 0 | 1.1499  | 1.2181 |
| 1621 | 17.2 | 17.5 | 0.2658 | 0 | -0.0198 | 0.2461 | 0.0825 | 0 | 0.6416  | 0.7241 |
| 1622 | 17.5 | 17.5 | 0.2665 | 0 | -0.0248 | 0.2417 | 0.1142 | 0 | 0.5173  | 0.6316 |
| 1623 | 17.1 | 17.5 | 0.2657 | 0 | -0.0221 | 0.2436 | 0.1225 | 0 | 0.4726  | 0.595  |
| 1624 | 16.6 | 17.5 | 0.2643 | 0 | 0.0185  | 0.2828 | 0.1123 | 0 | 0.4812  | 0.5936 |
| 1625 | 17.3 | 17.4 | 0.2707 | 0 | 0.0129  | 0.2836 | 0.1118 | 0 | 0.4735  | 0.5853 |
| 1626 | 17.4 | 17.3 | 0.2738 | 0 | 0.0025  | 0.2763 | 0.1214 | 0 | 0.4345  | 0.5559 |
| 1627 | 17.1 | 17.3 | 0.274  | 0 | -0.0035 | 0.2705 | 0.1282 | 0 | 0.3893  | 0.5175 |
| 1628 | 16.6 | 17.2 | 0.2738 | 0 | -0.0066 | 0.2672 | 0.1199 | 0 | 0.3173  | 0.4372 |
| 1629 | 16.2 | 17.1 | 0.2753 | 0 | -0.0161 | 0.2592 | 0.0909 | 0 | 0.2597  | 0.3506 |
| 1630 | 17.7 | 17.1 | 0.2751 | 0 | -0.0216 | 0.2534 | 0.0915 | 0 | 0.2455  | 0.337  |
| 1631 | 18   | 17   | 0.2739 | 0 | -0.0272 | 0.2467 | 0.065  | 0 | 0.877   | 0.942  |
| 1632 | 17.6 | 17   | 0.2725 | 0 | -0.0304 | 0.242  | 0.0854 | 0 | 1.0636  | 1.149  |
| 1633 | 17.2 | 17   | 0.2716 | 0 | -0.0331 | 0.2385 | 0.1156 | 0 | 1.0318  | 1.1474 |
| 1634 | 17   | 17   | 0.2719 | 0 | -0.0376 | 0.2344 | 0.1217 | 0 | 0.8899  | 1.0115 |
| 1635 | 17.2 | 16.9 | 0.2736 | 0 | -0.0426 | 0.231  | 0.1744 | 0 | 0.8044  | 0.9788 |
| 1636 | 17.3 | 16.8 | 0.2756 | 0 | -0.0464 | 0.2292 | 0.1665 | 0 | 0.7646  | 0.9311 |
| 1637 | 16.7 | 16.8 | 0.2763 | 0 | -0.0536 | 0.2226 | 0.1319 | 0 | 0.6903  | 0.8222 |
| 1638 | 16.3 | 16.9 | 0.2761 | 0 | -0.0587 | 0.2174 | 0.1091 | 0 | 0.5904  | 0.6995 |
| 1639 | 16.4 | 16.9 | 0.2764 | 0 | -0.0636 | 0.2128 | 0.1465 | 0 | 0.4553  | 0.6017 |
| 1640 | 16.9 | 17   | 0.2764 | 0 | -0.0417 | 0.2348 | 0.1977 | 0 | 0.4089  | 0.6065 |
| 1641 | 17.1 | 17   | 0.2744 | 0 | 0.0336  | 0.308  | 0.2056 | 0 | 0.3416  | 0.5472 |
| 1642 | 16.2 | 16.9 | 0.2755 | 0 | 0.0236  | 0.2991 | 0.2022 | 0 | 0.2686  | 0.4708 |
| 1643 | 16.3 | 17   | 0.2753 | 0 | 0.0179  | 0.2932 | 0.2188 | 0 | 0.228   | 0.4468 |
| 1644 | 16.1 | 17   | 0.2763 | 0 | 0.0121  | 0.2884 | 0.2194 | 0 | 0.1989  | 0.4183 |
| 1645 | 16.4 | 16.9 | 0.2758 | 0 | 0.0061  | 0.2819 | 0.1986 | 0 | 0.1513  | 0.35   |
| 1646 | 16.9 | 16.9 | 0.2747 | 0 | -0.001  | 0.2737 | 0.1327 | 0 | 0.1284  | 0.2611 |
| 1647 | 17.1 | 16.9 | 0.2746 | 0 | -0.0097 | 0.2648 | 0.0804 | 0 | 0.1045  | 0.185  |
| 1648 | 17.7 | 16.9 | 0.273  | 0 | -0.0154 | 0.2576 | 0.0538 | 0 | 0.1219  | 0.1758 |
| 1649 | 18.1 | 17   | 0.2727 | 0 | -0.02   | 0.2528 | 0.0421 | 0 | 0.1221  | 0.1641 |
| 1650 | 17.9 | 17   | 0.2724 | 0 | -0.0275 | 0.2449 | 0.0782 | 0 | 0.0209  | 0.0991 |
| 1651 | 17.4 | 17   | 0.2714 | 0 | -0.0366 | 0.2348 | 0.0971 | 0 | -0.0366 | 0.0605 |
| 1652 | 17.4 | 17.1 | 0.2691 | 0 | -0.0431 | 0.226  | 0.0777 | 0 | -0.0487 | 0.029  |
| 1653 | 17.1 | 17.1 | 0.27   | 0 | -0.0508 | 0.2192 | 0.0744 | 0 | -0.0602 | 0.0142 |
| 1654 | 16.5 | 17.2 | 0.2698 | 0 | -0.057  | 0.2128 | 0.0904 | 0 | -0.0811 | 0.0094 |
| 1655 | 16.7 | 17.2 | 0.2695 | 0 | -0.0628 | 0.2067 | 0.1001 | 0 | -0.0932 | 0.0069 |
| 1656 | 17.2 | 17.3 | 0.2694 | 0 | -0.0684 | 0.2009 | 0.1128 | 0 | -0.1013 | 0.0115 |

|      |      |      |        |   |         |        |         |   |         |         |
|------|------|------|--------|---|---------|--------|---------|---|---------|---------|
| 1657 | 16.3 | 17.3 | 0.2691 | 0 | -0.0721 | 0.197  | 0.1237  | 0 | -0.1691 | -0.0454 |
| 1658 | 17.1 | 17.3 | 0.2652 | 0 | -0.0002 | 0.2649 | 0.1206  | 0 | 0.9833  | 1.104   |
| 1659 | 17.4 | 17.2 | 0.2639 | 0 | 0.0123  | 0.2761 | 0.0866  | 0 | 1.2812  | 1.3678  |
| 1660 | 17.6 | 17.1 | 0.2616 | 0 | 0.0072  | 0.2688 | 0.0797  | 0 | 1.1705  | 1.2502  |
| 1661 | 17.7 | 17.2 | 0.2593 | 0 | 0.0012  | 0.2605 | 0.0754  | 0 | 1.023   | 1.0984  |
| 1662 | 17.1 | 17.3 | 0.2593 | 0 | -0.0055 | 0.2538 | 0.0633  | 0 | 0.8734  | 0.9367  |
| 1663 | 16.9 | 17.3 | 0.2603 | 0 | -0.0116 | 0.2487 | 0.0717  | 0 | 0.7354  | 0.807   |
| 1664 | 17.2 | 17.3 | 0.2634 | 0 | -0.0171 | 0.2463 | 0.0588  | 0 | 0.6761  | 0.7348  |
| 1665 | 17.5 | 17.4 | 0.266  | 0 | -0.0261 | 0.24   | 0.0561  | 0 | 0.5909  | 0.647   |
| 1666 | 17.6 | 17.5 | 0.2668 | 0 | -0.0342 | 0.2326 | 0.067   | 0 | 0.5186  | 0.5857  |
| 1667 | 17.4 | 17.6 | 0.2659 | 0 | -0.0399 | 0.226  | 0.0623  | 0 | 0.4441  | 0.5065  |
| 1668 | 17.2 | 17.7 | 0.2645 | 0 | -0.0456 | 0.2189 | 0.0448  | 0 | 0.1532  | 0.1979  |
| 1669 | 16.4 | 17.8 | 0.2657 | 0 | -0.0554 | 0.2103 | 0.0428  | 0 | -0.0284 | 0.0143  |
| 1670 | 18.9 | 17.8 | 0.2648 | 0 | -0.0108 | 0.254  | 0.0191  | 0 | -0.1511 | -0.1321 |
| 1671 | 18.1 | 17.7 | 0.2647 | 0 | -0.0061 | 0.2587 | -0.0076 | 0 | -0.2569 | -0.2645 |
| 1672 | 17.7 | 17.7 | 0.2646 | 0 | -0.0115 | 0.2531 | 0.0018  | 0 | -0.3298 | -0.328  |
| 1673 | 17.6 | 17.7 | 0.2655 | 0 | -0.0176 | 0.2479 | 0.0126  | 0 | -0.3617 | -0.3491 |
| 1674 | 17.4 | 17.7 | 0.2674 | 0 | -0.0249 | 0.2425 | -0.0055 | 0 | -0.3023 | -0.3077 |
| 1675 | 19.1 | 17.7 | 0.2683 | 0 | -0.0291 | 0.2392 | -0.0237 | 0 | 0.1104  | 0.0867  |
| 1676 | 18.9 | 17.6 | 0.2694 | 0 | -0.0319 | 0.2375 | 0.0559  | 0 | 0.0449  | 0.1008  |
| 1677 | 19   | 17.6 | 0.2704 | 0 | -0.0317 | 0.2387 | 0.12    | 0 | -0.0399 | 0.08    |
| 1678 | 18   | 17.6 | 0.2698 | 0 | -0.0328 | 0.237  | 0.1427  | 0 | -0.038  | 0.1047  |
| 1679 | 17.6 | 17.6 | 0.2687 | 0 | -0.0379 | 0.2307 | 0.1611  | 0 | -0.0362 | 0.1249  |
| 1680 | 17.5 | 17.5 | 0.2675 | 0 | -0.0439 | 0.2236 | 0.1908  | 0 | -0.0997 | 0.0911  |
| 1681 | 16.9 | 17.4 | 0.2662 | 0 | -0.0471 | 0.2191 | 0.1969  | 0 | -0.1337 | 0.0632  |
| 1682 | 16.6 | 17.4 | 0.2647 | 0 | -0.0506 | 0.2141 | 0.1918  | 0 | -0.1993 | -0.0075 |
| 1683 | 16.6 | 17.4 | 0.2641 | 0 | -0.0416 | 0.2224 | 0.1875  | 0 | -0.2881 | -0.1007 |
| 1684 | 17.2 | 17.3 | 0.262  | 0 | -0.0414 | 0.2206 | 0.1739  | 0 | -0.3773 | -0.2034 |
| 1685 | 17.1 | 17.2 | 0.2612 | 0 | -0.0438 | 0.2174 | 0.153   | 0 | -0.4321 | -0.2791 |
| 1686 | 16.3 | 17.1 | 0.2625 | 0 | -0.0454 | 0.2171 | 0.1542  | 0 | -0.4445 | -0.2903 |
| 1687 | 17.1 | 17   | 0.264  | 0 | -0.0455 | 0.2185 | 0.1698  | 0 | -0.4208 | -0.251  |
| 1688 | 17.1 | 16.9 | 0.261  | 0 | -0.042  | 0.2189 | 0.1727  | 0 | -0.4317 | -0.259  |
| 1689 | 16.9 | 16.9 | 0.2581 | 0 | -0.0433 | 0.2148 | 0.1682  | 0 | -0.4312 | -0.263  |
| 1690 | 16.6 | 16.9 | 0.2583 | 0 | -0.043  | 0.2153 | 0.1711  | 0 | -0.4525 | -0.2814 |
| 1691 | 16.8 | 17   | 0.2599 | 0 | -0.0418 | 0.2181 | 0.1838  | 0 | -0.2285 | -0.0446 |
| 1692 | 17.6 | 17   | 0.2598 | 0 | -0.0433 | 0.2165 | 0.1649  | 0 | 0.5371  | 0.702   |
| 1693 | 16.3 | 17.1 | 0.2603 | 0 | -0.0459 | 0.2144 | 0.1671  | 0 | 0.4643  | 0.6315  |

|      |      |      |        |   |         |        |        |   |         |         |
|------|------|------|--------|---|---------|--------|--------|---|---------|---------|
| 1694 | 16.4 | 17.1 | 0.2624 | 0 | -0.046  | 0.2164 | 0.1609 | 0 | 0.4379  | 0.5988  |
| 1695 | 16.8 | 17.1 | 0.264  | 0 | -0.045  | 0.219  | 0.1732 | 0 | 0.3996  | 0.5728  |
| 1696 | 17   | 17.2 | 0.265  | 0 | -0.0453 | 0.2197 | 0.1623 | 0 | 0.3356  | 0.4979  |
| 1697 | 16.6 | 17.2 | 0.2656 | 0 | -0.0498 | 0.2158 | 0.1327 | 0 | 0.265   | 0.3977  |
| 1698 | 17.9 | 17.2 | 0.2666 | 0 | -0.0518 | 0.2148 | 0.1279 | 0 | 0.1712  | 0.2992  |
| 1699 | 17.7 | 17.3 | 0.2639 | 0 | -0.0465 | 0.2174 | 0.1138 | 0 | 0.1198  | 0.2335  |
| 1700 | 17.7 | 17.3 | 0.2627 | 0 | -0.0445 | 0.2182 | 0.118  | 0 | 0.1005  | 0.2185  |
| 1701 | 17.6 | 17.3 | 0.2629 | 0 | -0.0466 | 0.2163 | 0.1293 | 0 | 0.0612  | 0.1905  |
| 1702 | 17.6 | 17.3 | 0.2627 | 0 | -0.0497 | 0.2131 | 0.1444 | 0 | -0.0308 | 0.1136  |
| 1703 | 18.2 | 17.3 | 0.2614 | 0 | -0.0517 | 0.2097 | 0.1007 | 0 | -0.1153 | -0.0146 |
| 1704 | 17.2 | 17.4 | 0.2605 | 0 | -0.054  | 0.2066 | 0.1049 | 0 | -0.2436 | -0.1387 |
| 1705 | 17.1 | 17.5 | 0.26   | 0 | -0.0569 | 0.2031 | 0.0981 | 0 | -0.3768 | -0.2787 |
| 1706 | 17.8 | 17.6 | 0.2592 | 0 | -0.053  | 0.2062 | 0.0871 | 0 | -0.5044 | -0.4172 |
| 1707 | 17.8 | 17.7 | 0.2596 | 0 | -0.0479 | 0.2117 | 0.0833 | 0 | -0.598  | -0.5148 |
| 1708 | 17.3 | 17.7 | 0.2607 | 0 | -0.044  | 0.2167 | 0.0676 | 0 | -0.6733 | -0.6057 |
| 1709 | 17.3 | 17.7 | 0.2605 | 0 | -0.0388 | 0.2217 | 0.0315 | 0 | 0.0204  | 0.0519  |
| 1710 | 17.5 | 17.7 | 0.2613 | 0 | -0.0351 | 0.2263 | 0.0339 | 0 | 0.123   | 0.1569  |
| 1711 | 16.6 | 17.7 | 0.2622 | 0 | -0.0299 | 0.2323 | 0.0272 | 0 | 0.0543  | 0.0816  |
| 1712 | 17.5 | 17.8 | 0.262  | 0 | -0.0269 | 0.2351 | 0.0071 | 0 | -0.0065 | 0.0006  |
| 1713 | 18.3 | 17.8 | 0.2629 | 0 | -0.0258 | 0.2371 | 0.0101 | 0 | -0.0529 | -0.0428 |
| 1714 | 18.2 | 17.8 | 0.2644 | 0 | -0.0253 | 0.2391 | 0.0329 | 0 | -0.0933 | -0.0604 |
| 1715 | 18.2 | 17.9 | 0.2639 | 0 | -0.0251 | 0.2388 | 0.0816 | 0 | -0.1458 | -0.0643 |
| 1716 | 18.5 | 17.9 | 0.2642 | 0 | -0.0252 | 0.239  | 0.1236 | 0 | -0.233  | -0.1094 |
| 1717 | 18.1 | 17.9 | 0.2653 | 0 | -0.0048 | 0.2606 | 0.1431 | 0 | -0.3201 | -0.1769 |
| 1718 | 17.6 | 17.9 | 0.2652 | 0 | 0.0058  | 0.271  | 0.144  | 0 | -0.4233 | -0.2793 |
| 1719 | 17.7 | 17.9 | 0.2653 | 0 | 0.0093  | 0.2746 | 0.1286 | 0 | -0.5082 | -0.3796 |
| 1720 | 18.7 | 17.8 | 0.2665 | 0 | 0.0122  | 0.2787 | 0.1127 | 0 | -0.6641 | -0.5514 |
| 1721 | 18.5 | 17.8 | 0.2657 | 0 | 0.0132  | 0.2789 | 0.0864 | 0 | -0.2448 | -0.1584 |
| 1722 | 18.1 | 17.8 | 0.2652 | 0 | 0.0114  | 0.2766 | 0.0812 | 0 | -0.2056 | -0.1244 |
| 1723 | 17.9 | 17.6 | 0.2662 | 0 | 0.0081  | 0.2743 | 0.0795 | 0 | -0.2649 | -0.1854 |
| 1724 | 18.1 | 17.5 | 0.2667 | 0 | 0.0075  | 0.2741 | 0.0881 | 0 | -0.3171 | -0.2289 |
| 1725 | 18.1 | 17.4 | 0.2651 | 0 | 0.0084  | 0.2735 | 0.1428 | 0 | -0.3401 | -0.1973 |
| 1726 | 17   | 17.2 | 0.2618 | 0 | 0.0064  | 0.2683 | 0.144  | 0 | -0.3772 | -0.2332 |
| 1727 | 17.4 | 17.1 | 0.2597 | 0 | 0.0003  | 0.2601 | 0.1626 | 0 | -0.3705 | -0.208  |
| 1728 | 17.4 | 17   | 0.2577 | 0 | -0.003  | 0.2547 | 0.1749 | 0 | -0.348  | -0.1732 |
| 1729 | 17   | 16.9 | 0.2562 | 0 | -0.0061 | 0.2501 | 0.1671 | 0 | -0.3511 | -0.184  |
| 1730 | 16.4 | 16.7 | 0.2554 | 0 | -0.0083 | 0.2471 | 0.1617 | 0 | -0.3937 | -0.232  |

|      |      |      |        |   |         |        |         |   |         |         |
|------|------|------|--------|---|---------|--------|---------|---|---------|---------|
| 1731 | 16.1 | 16.6 | 0.2547 | 0 | -0.0073 | 0.2475 | 0.1651  | 0 | -0.4553 | -0.2902 |
| 1732 | 16.2 | 16.6 | 0.2537 | 0 | -0.0016 | 0.2521 | 0.149   | 0 | -0.4923 | -0.3433 |
| 1733 | 15.6 | 16.5 | 0.2542 | 0 | 0.0046  | 0.2588 | 0.1285  | 0 | -0.4973 | -0.3687 |
| 1734 | 15.8 | 16.5 | 0.2566 | 0 | 0.0056  | 0.2623 | 0.1201  | 0 | -0.4206 | -0.3005 |
| 1735 | 15.8 | 16.5 | 0.2581 | 0 | 0.0018  | 0.26   | 0.096   | 0 | -0.4404 | -0.3444 |
| 1736 | 15.7 | 16.5 | 0.2587 | 0 | -0.0044 | 0.2543 | 0.0831  | 0 | -0.472  | -0.3888 |
| 1737 | 15.7 | 16.4 | 0.259  | 0 | -0.0105 | 0.2485 | 0.1022  | 0 | -0.5101 | -0.4078 |
| 1738 | 15.7 | 16.5 | 0.2593 | 0 | -0.0156 | 0.2437 | 0.1207  | 0 | -0.5338 | -0.4132 |
| 1739 | 15.6 | 16.5 | 0.2593 | 0 | -0.0183 | 0.241  | 0.069   | 0 | -0.5294 | -0.4605 |
| 1740 | 16.5 | 16.6 | 0.2581 | 0 | -0.0188 | 0.2392 | 0.0187  | 0 | -0.5361 | -0.5175 |
| 1741 | 17.2 | 16.6 | 0.2579 | 0 | -0.0201 | 0.2378 | 0.0013  | 0 | -0.5009 | -0.4996 |
| 1742 | 17   | 16.7 | 0.2587 | 0 | -0.0228 | 0.2359 | -0.002  | 0 | -0.4718 | -0.4738 |
| 1743 | 17   | 16.8 | 0.2593 | 0 | -0.0259 | 0.2334 | -0.0206 | 0 | -0.5275 | -0.5481 |
| 1744 | 17.7 | 16.9 | 0.259  | 0 | -0.0278 | 0.2311 | -0.0167 | 0 | -0.6058 | -0.6225 |
| 1745 | 16.8 | 17   | 0.2596 | 0 | -0.0275 | 0.2321 | 0.01    | 0 | -0.6338 | -0.6238 |
| 1746 | 17.1 | 17   | 0.2614 | 0 | -0.0275 | 0.2339 | 0.0307  | 0 | -0.614  | -0.5832 |
| 1747 | 17.8 | 17.1 | 0.2618 | 0 | -0.0268 | 0.2349 | 0.0429  | 0 | -0.5896 | -0.5468 |
| 1748 | 17.8 | 17.2 | 0.2616 | 0 | -0.0274 | 0.2342 | 0.0595  | 0 | -0.6421 | -0.5825 |
| 1749 | 17.4 | 17.3 | 0.2609 | 0 | -0.03   | 0.2309 | 0.0809  | 0 | -0.6578 | -0.5769 |
| 1750 | 17.4 | 17.3 | 0.2595 | 0 | -0.0336 | 0.2259 | 0.0473  | 0 | -0.58   | -0.5327 |
| 1751 | 17.2 | 17.3 | 0.257  | 0 | -0.0335 | 0.2235 | 0.0276  | 0 | -0.5359 | -0.5083 |
| 1752 | 17.3 | 17.3 | 0.259  | 0 | -0.0316 | 0.2274 | 0.0291  | 0 | -0.5617 | -0.5326 |
| 1753 | 18   | 17.3 | 0.2595 | 0 | -0.0264 | 0.2331 | 0.0281  | 0 | -0.5991 | -0.571  |
| 1754 | 17.6 | 17.2 | 0.26   | 0 | -0.0193 | 0.2406 | 0.015   | 0 | -0.6267 | -0.6117 |
| 1755 | 16.4 | 17.2 | 0.2607 | 0 | -0.0123 | 0.2484 | 0.0058  | 0 | -0.6562 | -0.6504 |
| 1756 | 17.1 | 17.2 | 0.261  | 0 | -0.0086 | 0.2524 | 0.0006  | 0 | -0.6942 | -0.6937 |
| 1757 | 17.9 | 17.2 | 0.2623 | 0 | -0.0048 | 0.2575 | -0.0083 | 0 | -0.6605 | -0.6688 |
| 1758 | 17.1 | 17.1 | 0.262  | 0 | -0.0023 | 0.2598 | -0.004  | 0 | -0.6122 | -0.6161 |
| 1759 | 16.6 | 17   | 0.2605 | 0 | 0       | 0.2604 | 0.0077  | 0 | -0.5761 | -0.5684 |
| 1760 | 16.8 | 16.9 | 0.2589 | 0 | 0.0018  | 0.2607 | 0.0056  | 0 | -0.5259 | -0.5203 |
| 1761 | 16.7 | 16.8 | 0.2586 | 0 | 0.0019  | 0.2604 | 0.015   | 0 | -0.4903 | -0.4752 |
| 1762 | 17.4 | 16.8 | 0.2583 | 0 | -0.0002 | 0.2581 | 0.025   | 0 | -0.4372 | -0.4122 |
| 1763 | 16.6 | 16.7 | 0.257  | 0 | -0.0022 | 0.2548 | 0.0233  | 0 | -0.4089 | -0.3856 |
| 1764 | 16.6 | 16.6 | 0.2552 | 0 | -0.0025 | 0.2527 | 0.0334  | 0 | -0.4    | -0.3666 |
| 1765 | 17.2 | 16.6 | 0.2537 | 0 | -0.0028 | 0.2509 | 0.0509  | 0 | -0.3988 | -0.3479 |
| 1766 | 17.4 | 16.6 | 0.2525 | 0 | -0.0022 | 0.2503 | 0.0461  | 0 | -0.4017 | -0.3556 |
| 1767 | 16.1 | 16.6 | 0.2515 | 0 | 0.0024  | 0.2539 | 0.0497  | 0 | -0.4075 | -0.3578 |

|      |      |      |        |   |         |        |         |   |         |         |
|------|------|------|--------|---|---------|--------|---------|---|---------|---------|
| 1768 | 15.7 | 16.6 | 0.2517 | 0 | 0.0052  | 0.2569 | 0.0646  | 0 | -0.1664 | -0.1018 |
| 1769 | 15.3 | 16.7 | 0.2544 | 0 | 0.011   | 0.2654 | 0.064   | 0 | -0.0394 | 0.0246  |
| 1770 | 15.6 | 16.8 | 0.2562 | 0 | 0.0137  | 0.2699 | 0.0653  | 0 | 0.0032  | 0.0685  |
| 1771 | 16.2 | 16.9 | 0.2566 | 0 | 0.0145  | 0.2711 | 0.0814  | 0 | 0.0398  | 0.1212  |
| 1772 | 16.5 | 16.9 | 0.2567 | 0 | 0.015   | 0.2717 | 0.0719  | 0 | 0.0529  | 0.1248  |
| 1773 | 16.1 | 17   | 0.2567 | 0 | 0.0142  | 0.2708 | 0.0671  | 0 | 0.0301  | 0.0972  |
| 1774 | 16.2 | 17   | 0.2531 | 0 | 0.0091  | 0.2622 | 0.0812  | 0 | -0.0122 | 0.069   |
| 1775 | 17.6 | 17.1 | 0.2539 | 0 | 0.0087  | 0.2626 | 0.0882  | 0 | -0.0209 | 0.0673  |
| 1776 | 17.6 | 17.1 | 0.2532 | 0 | 0.0051  | 0.2583 | 0.0684  | 0 | -0.0089 | 0.0595  |
| 1777 | 17.8 | 17.1 | 0.253  | 0 | 0.0031  | 0.2561 | 0.0247  | 0 | -0.0351 | -0.0103 |
| 1778 | 18   | 17.2 | 0.2531 | 0 | 0.0023  | 0.2554 | -0.0032 | 0 | -0.1194 | -0.1226 |
| 1779 | 18.2 | 17.3 | 0.2525 | 0 | 0.0014  | 0.2539 | -0.0314 | 0 | -0.1676 | -0.199  |
| 1780 | 19   | 17.3 | 0.251  | 0 | 0.0016  | 0.2527 | -0.0526 | 0 | -0.214  | -0.2666 |
| 1781 | 18.1 | 17.4 | 0.2513 | 0 | 0.0021  | 0.2534 | -0.0657 | 0 | -0.2473 | -0.313  |
| 1782 | 17.7 | 17.4 | 0.2519 | 0 | -0.0009 | 0.251  | -0.0762 | 0 | -0.2362 | -0.3124 |
| 1783 | 17.4 | 17.4 | 0.252  | 0 | 0.0004  | 0.2525 | -0.0923 | 0 | -0.157  | -0.2493 |
| 1784 | 17.7 | 17.5 | 0.2524 | 0 | 0.0026  | 0.255  | -0.0862 | 0 | -0.0663 | -0.1524 |
| 1785 | 18   | 17.5 | 0.2528 | 0 | 0.0034  | 0.2563 | -0.0506 | 0 | -0.0517 | -0.1023 |
| 1786 | 16.3 | 17.4 | 0.2523 | 0 | 0.0056  | 0.2579 | -0.0284 | 0 | -0.1107 | -0.1391 |
| 1787 | 16.9 | 17.3 | 0.252  | 0 | 0.0079  | 0.2598 | -0.0206 | 0 | -0.2093 | -0.2299 |
| 1788 | 17.3 | 17.2 | 0.2541 | 0 | 0.0109  | 0.265  | -0.0155 | 0 | -0.3098 | -0.3252 |
| 1789 | 17.2 | 17.1 | 0.2563 | 0 | 0.0103  | 0.2666 | -0.011  | 0 | -0.3973 | -0.4083 |
| 1790 | 17   | 17   | 0.2582 | 0 | 0.0071  | 0.2653 | -0.0112 | 0 | -0.4485 | -0.4597 |
| 1791 | 17.3 | 16.9 | 0.2601 | 0 | 0.0054  | 0.2655 | -0.0321 | 0 | -0.4643 | -0.4964 |
| 1792 | 16   | 16.8 | 0.2618 | 0 | 0.0094  | 0.2713 | -0.0358 | 0 | -0.4937 | -0.5295 |
| 1793 | 17.4 | 16.7 | 0.2619 | 0 | 0.0147  | 0.2766 | -0.0214 | 0 | -0.5491 | -0.5706 |
| 1794 | 17.1 | 16.7 | 0.2614 | 0 | 0.0174  | 0.2788 | -0.0128 | 0 | -0.6129 | -0.6256 |
| 1795 | 16.2 | 16.6 | 0.261  | 0 | 0.0164  | 0.2774 | -0.0184 | 0 | -0.6583 | -0.6767 |
| 1796 | 16.1 | 16.5 | 0.2607 | 0 | 0.0137  | 0.2743 | -0.007  | 0 | -0.6645 | -0.6715 |
| 1797 | 16   | 16.4 | 0.2597 | 0 | 0.0144  | 0.274  | 0.0267  | 0 | -0.6767 | -0.65   |
| 1798 | 15.9 | 16.3 | 0.2585 | 0 | 0.014   | 0.2724 | 0.0336  | 0 | -0.677  | -0.6434 |
| 1799 | 16.6 | 16.4 | 0.2592 | 0 | 0.0115  | 0.2707 | 0.0313  | 0 | -0.7009 | -0.6696 |
| 1800 | 16.8 | 16.8 | 0.26   | 0 | 0.009   | 0.269  | 0.0186  | 0 | -0.766  | -0.7474 |