# 2017-08-30 14:35:38.568013
# CT_x100
#  path: ../data/phantom2/CT_x100
#  thresholds:
#  lower (simple): -460.940227704,
#  lower (iter): -188.922061524
#  upper: 329.0
#  DC-average (simple): 0.87667059562 (bestRadius: 3.92857142857)
#  DC-average (iter): 0.992641237859 (bestRadius: 3.64285714286)
# MR_x100
#  path: ../data/phantom2/MR_x100
#  thresholds:
#  lower (simple): 827.518223235,
#  lower (iter): 339.31049961
#  lower (simple_CT-COM): 827.518223235
#  lower (iter_CT-COM): 339.31049961
#  upper: 2095.0
#  DC-average (simple): 0.893466506573 (bestRadius: 1.92857142857)
#  DC-average (iter): 0.941615552809 (bestRadius: 3.0)
#  DC-average (CT-COM, simple): 0.685706722238 (bestRadius: 1.92857142857)
#  DC-average (CT-COM, iter): 0.755705950588 (bestRadius: 2.78571428571)

| sliceNo | dist | warpX | warpY | warpM | $DC_{CT}$ | $DC_{MR}$ | $DC_{MR(CT)}$ | warpX* | warpY* | warpM* | $DC^*_{CT}$ | $DC^*_{MR}$ | $DC^*_{MR(CT)}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | -183 | -0.105 | -1.115 | 1.120 | 0.983 | 0.844 | 0.610 | -0.105 | -1.057 | 1.062 | 0.995 | 0.950 | 0.755 |
| 1 | -182 | -0.121 | -1.113 | 1.120 | 0.981 | 0.855 | 0.609 | -0.120 | -1.053 | 1.060 | 0.993 | 0.950 | 0.757 |
| 2 | -181 | -0.128 | -1.111 | 1.118 | 0.982 | 0.867 | 0.614 | -0.133 | -1.047 | 1.056 | 0.993 | 0.950 | 0.758 |
| 3 | -180 | -0.146 | -1.099 | 1.108 | 0.983 | 0.873 | 0.617 | -0.152 | -1.033 | 1.044 | 0.994 | 0.951 | 0.762 |
| 4 | -179 | -0.148 | -1.065 | 1.075 | 0.982 | 0.886 | 0.634 | -0.157 | -1.001 | 1.013 | 0.995 | 0.949 | 0.770 |
| 5 | -178 | -0.165 | -1.067 | 1.079 | 0.982 | 0.896 | 0.634 | -0.165 | -1.000 | 1.013 | 0.993 | 0.947 | 0.772 |
| 6 | -177 | -0.156 | -1.042 | 1.054 | 0.981 | 0.905 | 0.644 | -0.166 | -0.984 | 0.998 | 0.994 | 0.947 | 0.776 |
| 7 | -176 | -0.181 | -1.031 | 1.047 | 0.981 | 0.904 | 0.649 | -0.184 | -0.979 | 0.996 | 0.993 | 0.946 | 0.776 |
| 8 | -175 | -0.168 | -1.029 | 1.043 | 0.982 | 0.907 | 0.650 | -0.177 | -0.980 | 0.996 | 0.993 | 0.945 | 0.776 |
| 9 | -174 | -0.184 | -1.046 | 1.062 | 0.982 | 0.909 | 0.645 | -0.191 | -0.991 | 1.009 | 0.994 | 0.944 | 0.774 |
| 10 | -173 | -0.191 | -1.021 | 1.039 | 0.983 | 0.914 | 0.650 | -0.200 | -0.978 | 0.998 | 0.993 | 0.944 | 0.776 |
| 11 | -172 | -0.183 | -1.033 | 1.049 | 0.981 | 0.918 | 0.651 | -0.198 | -0.992 | 1.012 | 0.994 | 0.943 | 0.773 |
| 12 | -171 | -0.189 | -1.027 | 1.044 | 0.982 | 0.921 | 0.651 | -0.202 | -0.993 | 1.013 | 0.996 | 0.942 | 0.771 |
| 13 | -170 | -0.204 | -1.026 | 1.046 | 0.984 | 0.923 | 0.655 | -0.215 | -0.993 | 1.016 | 0.995 | 0.941 | 0.772 |
| 14 | -169 | -0.211 | -1.023 | 1.045 | 0.982 | 0.926 | 0.658 | -0.225 | -1.001 | 1.026 | 0.991 | 0.942 | 0.770 |
| 15 | -168 | -0.210 | -1.020 | 1.041 | 0.984 | 0.928 | 0.658 | -0.219 | -0.996 | 1.019 | 0.993 | 0.942 | 0.772 |
| 16 | -167 | -0.205 | -1.007 | 1.028 | 0.983 | 0.929 | 0.663 | -0.214 | -0.991 | 1.013 | 0.995 | 0.942 | 0.772 |
| 17 | -166 | -0.210 | -0.983 | 1.005 | 0.983 | 0.930 | 0.667 | -0.217 | -0.973 | 0.997 | 0.995 | 0.942 | 0.777 |
| 18 | -165 | -0.212 | -0.985 | 1.007 | 0.983 | 0.933 | 0.668 | -0.221 | -0.979 | 1.003 | 0.994 | 0.942 | 0.775 |
| 19 | -164 | -0.217 | -0.984 | 1.008 | 0.983 | 0.935 | 0.669 | -0.226 | -0.980 | 1.006 | 0.993 | 0.943 | 0.775 |
| 20 | -163 | -0.212 | -0.980 | 1.002 | 0.982 | 0.934 | 0.676 | -0.214 | -0.972 | 0.995 | 0.993 | 0.944 | 0.777 |
| 21 | -162 | -0.188 | -0.989 | 1.007 | 0.981 | 0.937 | 0.674 | -0.191 | -0.981 | 0.999 | 0.993 | 0.944 | 0.778 |
| 22 | -161 | -0.185 | -0.983 | 1.000 | 0.982 | 0.942 | 0.673 | -0.182 | -0.978 | 0.994 | 0.993 | 0.947 | 0.780 |
| 23 | -160 | -0.190 | -0.971 | 0.989 | 0.982 | 0.948 | 0.681 | -0.182 | -0.964 | 0.981 | 0.995 | 0.948 | 0.783 |
| 24 | -159 | -0.179 | -0.955 | 0.971 | 0.982 | 0.948 | 0.690 | -0.172 | -0.947 | 0.962 | 0.992 | 0.948 | 0.789 |
| 25 | -158 | -0.173 | -0.949 | 0.965 | 0.981 | 0.949 | 0.691 | -0.157 | -0.942 | 0.955 | 0.993 | 0.950 | 0.792 |
| 26 | -157 | -0.153 | -0.934 | 0.946 | 0.983 | 0.950 | 0.699 | -0.135 | -0.934 | 0.944 | 0.991 | 0.951 | 0.795 |
| 27 | -156 | -0.148 | -0.907 | 0.919 | 0.983 | 0.952 | 0.705 | -0.129 | -0.904 | 0.914 | 0.991 | 0.951 | 0.801 |
| 28 | -155 | -0.138 | -0.913 | 0.923 | 0.982 | 0.949 | 0.706 | -0.121 | -0.906 | 0.915 | 0.992 | 0.952 | 0.801 |
| 29 | -154 | -0.122 | -0.920 | 0.928 | 0.981 | 0.955 | 0.702 | -0.105 | -0.917 | 0.923 | 0.994 | 0.951 | 0.798 |
| 30 | -153 | -0.123 | -0.906 | 0.914 | 0.981 | 0.956 | 0.704 | -0.108 | -0.907 | 0.914 | 0.994 | 0.951 | 0.801 |
| 31 | -152 | -0.120 | -0.907 | 0.915 | 0.981 | 0.957 | 0.704 | -0.098 | -0.901 | 0.907 | 0.994 | 0.952 | 0.803 |
| 32 | -151 | -0.112 | -0.899 | 0.906 | 0.981 | 0.959 | 0.709 | -0.093 | -0.886 | 0.891 | 0.992 | 0.951 | 0.807 |
| 33 | -150 | -0.097 | -0.885 | 0.890 | 0.980 | 0.957 | 0.714 | -0.080 | -0.878 | 0.882 | 0.993 | 0.950 | 0.808 |
| 34 | -149 | -0.110 | -0.880 | 0.887 | 0.981 | 0.959 | 0.717 | -0.087 | -0.867 | 0.871 | 0.995 | 0.950 | 0.812 |
| 35 | -148 | -0.112 | -0.869 | 0.876 | 0.982 | 0.959 | 0.719 | -0.091 | -0.858 | 0.863 | 0.995 | 0.949 | 0.813 |
| 36 | -147 | -0.097 | -0.855 | 0.860 | 0.983 | 0.956 | 0.727 | -0.085 | -0.847 | 0.851 | 0.994 | 0.949 | 0.817 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37 | -146 | -0.097 | -0.838 | 0.843 | 0.983 | 0.958 | 0.732 | -0.087 | -0.832 | 0.837 | 0.995 | 0.948 | 0.820 |
| 38 | -145 | -0.090 | -0.811 | 0.816 | 0.983 | 0.958 | 0.738 | -0.081 | -0.809 | 0.813 | 0.995 | 0.948 | 0.825 |
| 39 | -144 | -0.101 | -0.804 | 0.810 | 0.981 | 0.958 | 0.742 | -0.086 | -0.799 | 0.804 | 0.992 | 0.947 | 0.827 |
| 40 | -143 | -0.110 | -0.804 | 0.811 | 0.981 | 0.960 | 0.740 | -0.098 | -0.798 | 0.804 | 0.994 | 0.947 | 0.828 |
| 41 | -142 | -0.104 | -0.813 | 0.820 | 0.982 | 0.961 | 0.736 | -0.094 | -0.805 | 0.810 | 0.994 | 0.947 | 0.827 |
| 42 | -141 | -0.092 | -0.798 | 0.804 | 0.982 | 0.963 | 0.739 | -0.086 | -0.795 | 0.799 | 0.991 | 0.947 | 0.829 |
| 43 | -140 | -0.104 | -0.786 | 0.792 | 0.982 | 0.960 | 0.744 | -0.091 | -0.785 | 0.791 | 0.993 | 0.947 | 0.830 |
| 44 | -139 | -0.097 | -0.779 | 0.785 | 0.983 | 0.961 | 0.748 | -0.081 | -0.785 | 0.789 | 0.992 | 0.947 | 0.829 |
| 45 | -138 | -0.088 | -0.746 | 0.751 | 0.982 | 0.962 | 0.760 | -0.077 | -0.754 | 0.758 | 0.993 | 0.947 | 0.834 |
| 46 | -137 | -0.093 | -0.761 | 0.767 | 0.982 | 0.962 | 0.754 | -0.081 | -0.765 | 0.769 | 0.993 | 0.947 | 0.833 |
| 47 | -136 | -0.081 | -0.759 | 0.764 | 0.981 | 0.963 | 0.754 | -0.070 | -0.761 | 0.764 | 0.994 | 0.948 | 0.834 |
| 48 | -135 | -0.080 | -0.758 | 0.763 | 0.983 | 0.962 | 0.753 | -0.067 | -0.764 | 0.767 | 0.995 | 0.949 | 0.833 |
| 49 | -134 | -0.076 | -0.744 | 0.748 | 0.982 | 0.966 | 0.758 | -0.066 | -0.756 | 0.759 | 0.995 | 0.950 | 0.834 |
| 50 | -133 | -0.081 | -0.740 | 0.745 | 0.983 | 0.967 | 0.759 | -0.076 | -0.759 | 0.763 | 0.995 | 0.951 | 0.832 |
| 51 | -132 | -0.076 | -0.731 | 0.735 | 0.982 | 0.969 | 0.763 | -0.070 | -0.751 | 0.754 | 0.994 | 0.951 | 0.834 |
| 52 | -131 | -0.061 | -0.723 | 0.725 | 0.982 | 0.969 | 0.766 | -0.054 | -0.747 | 0.749 | 0.994 | 0.952 | 0.834 |
| 53 | -130 | -0.076 | -0.723 | 0.727 | 0.983 | 0.967 | 0.767 | -0.067 | -0.743 | 0.746 | 0.995 | 0.952 | 0.836 |
| 54 | -129 | -0.075 | -0.723 | 0.727 | 0.985 | 0.966 | 0.767 | -0.064 | -0.745 | 0.748 | 0.994 | 0.953 | 0.835 |
| 55 | -128 | -0.072 | -0.704 | 0.707 | 0.981 | 0.962 | 0.774 | -0.072 | -0.730 | 0.734 | 0.993 | 0.955 | 0.837 |
| 56 | -127 | -0.089 | -0.721 | 0.727 | 0.983 | 0.959 | 0.771 | -0.090 | -0.744 | 0.750 | 0.993 | 0.956 | 0.833 |
| 57 | -126 | -0.080 | -0.695 | 0.699 | 0.984 | 0.959 | 0.778 | -0.075 | -0.724 | 0.728 | 0.994 | 0.957 | 0.838 |
| 58 | -125 | -0.077 | -0.687 | 0.691 | 0.985 | 0.960 | 0.779 | -0.076 | -0.719 | 0.723 | 0.995 | 0.958 | 0.839 |
| 59 | -124 | -0.077 | -0.694 | 0.698 | 0.984 | 0.958 | 0.780 | -0.077 | -0.722 | 0.726 | 0.994 | 0.959 | 0.838 |
| 60 | -123 | -0.070 | -0.693 | 0.696 | 0.984 | 0.958 | 0.780 | -0.069 | -0.720 | 0.723 | 0.992 | 0.958 | 0.840 |
| 61 | -122 | -0.078 | -0.691 | 0.696 | 0.983 | 0.957 | 0.781 | -0.084 | -0.713 | 0.718 | 0.992 | 0.959 | 0.841 |
| 62 | -121 | -0.088 | -0.687 | 0.692 | 0.983 | 0.960 | 0.784 | -0.091 | -0.703 | 0.709 | 0.990 | 0.958 | 0.843 |
| 63 | -120 | -0.085 | -0.667 | 0.672 | 0.982 | 0.963 | 0.788 | -0.080 | -0.684 | 0.689 | 0.993 | 0.957 | 0.847 |
| 64 | -119 | -0.075 | -0.651 | 0.655 | 0.983 | 0.963 | 0.793 | -0.078 | -0.668 | 0.672 | 0.993 | 0.956 | 0.851 |
| 65 | -118 | -0.074 | -0.639 | 0.643 | 0.983 | 0.967 | 0.796 | -0.071 | -0.660 | 0.664 | 0.994 | 0.955 | 0.852 |
| 66 | -117 | -0.072 | -0.645 | 0.649 | 0.982 | 0.967 | 0.794 | -0.071 | -0.657 | 0.661 | 0.992 | 0.955 | 0.852 |
| 67 | -116 | -0.057 | -0.657 | 0.659 | 0.982 | 0.967 | 0.789 | -0.058 | -0.671 | 0.673 | 0.993 | 0.956 | 0.848 |
| 68 | -115 | -0.064 | -0.650 | 0.653 | 0.981 | 0.965 | 0.790 | -0.063 | -0.666 | 0.669 | 0.994 | 0.957 | 0.850 |
| 69 | -114 | -0.069 | -0.640 | 0.643 | 0.982 | 0.964 | 0.793 | -0.073 | -0.659 | 0.663 | 0.993 | 0.957 | 0.851 |
| 70 | -113 | -0.063 | -0.630 | 0.633 | 0.981 | 0.966 | 0.795 | -0.067 | -0.650 | 0.654 | 0.992 | 0.957 | 0.853 |
| 71 | -112 | -0.070 | -0.618 | 0.622 | 0.983 | 0.968 | 0.801 | -0.071 | -0.634 | 0.638 | 0.993 | 0.957 | 0.858 |
| 72 | -111 | -0.068 | -0.627 | 0.631 | 0.981 | 0.967 | 0.797 | -0.068 | -0.636 | 0.640 | 0.993 | 0.957 | 0.856 |
| 73 | -110 | -0.063 | -0.622 | 0.626 | 0.983 | 0.966 | 0.800 | -0.074 | -0.630 | 0.634 | 0.992 | 0.955 | 0.859 |
| 74 | -109 | -0.068 | -0.611 | 0.615 | 0.981 | 0.966 | 0.803 | -0.079 | -0.619 | 0.624 | 0.992 | 0.954 | 0.861 |
| 75 | -108 | -0.074 | -0.608 | 0.613 | 0.982 | 0.965 | 0.807 | -0.085 | -0.614 | 0.620 | 0.993 | 0.952 | 0.863 |
| 76 | -107 | -0.078 | -0.594 | 0.599 | 0.982 | 0.965 | 0.812 | -0.082 | -0.602 | 0.608 | 0.993 | 0.951 | 0.864 |
| 77 | -106 | -0.074 | -0.584 | 0.589 | 0.981 | 0.964 | 0.817 | -0.086 | -0.590 | 0.597 | 0.993 | 0.951 | 0.866 |
| 78 | -105 | -0.076 | -0.602 | 0.607 | 0.982 | 0.965 | 0.808 | -0.086 | -0.603 | 0.609 | 0.995 | 0.949 | 0.865 |
| 79 | -104 | -0.083 | -0.610 | 0.615 | 0.983 | 0.964 | 0.806 | -0.090 | -0.605 | 0.611 | 0.993 | 0.950 | 0.865 |
| 80 | -103 | -0.071 | -0.604 | 0.609 | 0.980 | 0.965 | 0.806 | -0.085 | -0.596 | 0.602 | 0.993 | 0.950 | 0.867 |
| 81 | -102 | -0.084 | -0.594 | 0.600 | 0.982 | 0.965 | 0.811 | -0.093 | -0.587 | 0.595 | 0.995 | 0.949 | 0.867 |
| 82 | -101 | -0.079 | -0.597 | 0.602 | 0.982 | 0.965 | 0.808 | -0.090 | -0.589 | 0.595 | 0.993 | 0.950 | 0.868 |
| 83 | -100 | -0.073 | -0.597 | 0.601 | 0.982 | 0.964 | 0.809 | -0.082 | -0.587 | 0.592 | 0.995 | 0.949 | 0.867 |
| 84 | -99 | -0.062 | -0.588 | 0.591 | 0.984 | 0.963 | 0.811 | -0.073 | -0.575 | 0.580 | 0.993 | 0.948 | 0.869 |
| 85 | -98 | -0.065 | -0.585 | 0.589 | 0.986 | 0.964 | 0.813 | -0.072 | -0.573 | 0.578 | 0.994 | 0.948 | 0.869 |
| 86 | -97 | -0.052 | -0.610 | 0.612 | 0.981 | 0.964 | 0.808 | -0.064 | -0.593 | 0.597 | 0.995 | 0.947 | 0.867 |
| 87 | -96 | -0.053 | -0.600 | 0.602 | 0.983 | 0.962 | 0.811 | -0.061 | -0.581 | 0.584 | 0.993 | 0.947 | 0.869 |
| 88 | -95 | -0.055 | -0.567 | 0.570 | 0.982 | 0.961 | 0.820 | -0.060 | -0.563 | 0.566 | 0.994 | 0.945 | 0.873 |
| 89 | -94 | -0.059 | -0.578 | 0.581 | 0.983 | 0.961 | 0.817 | -0.069 | -0.567 | 0.571 | 0.996 | 0.944 | 0.871 |
| 90 | -93 | -0.055 | -0.554 | 0.556 | 0.982 | 0.961 | 0.823 | -0.065 | -0.552 | 0.556 | 0.994 | 0.943 | 0.874 |
| 91 | -92 | -0.052 | -0.567 | 0.569 | 0.982 | 0.959 | 0.821 | -0.060 | -0.560 | 0.563 | 0.994 | 0.943 | 0.872 |
| 92 | -91 | -0.062 | -0.555 | 0.559 | 0.983 | 0.959 | 0.824 | -0.067 | -0.552 | 0.556 | 0.993 | 0.942 | 0.874 |
| 93 | -90 | -0.067 | -0.559 | 0.563 | 0.984 | 0.959 | 0.824 | -0.076 | -0.554 | 0.559 | 0.994 | 0.942 | 0.873 |
| 94 | -89 | -0.062 | -0.558 | 0.561 | 0.984 | 0.958 | 0.824 | -0.069 | -0.552 | 0.556 | 0.994 | 0.942 | 0.873 |
| 95 | -88 | -0.067 | -0.553 | 0.557 | 0.983 | 0.959 | 0.824 | -0.078 | -0.551 | 0.556 | 0.989 | 0.942 | 0.872 |
| 96 | -87 | -0.071 | -0.555 | 0.560 | 0.983 | 0.956 | 0.825 | -0.082 | -0.551 | 0.557 | 0.992 | 0.942 | 0.871 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 97 | -86 | -0.054 | -0.572 | 0.574 | 0.982 | 0.956 | 0.821 | -0.068 | -0.565 | 0.569 | 0.993 | 0.941 | 0.870 |
| 98 | -85 | -0.065 | -0.578 | 0.581 | 0.981 | 0.956 | 0.819 | -0.072 | -0.567 | 0.572 | 0.993 | 0.942 | 0.869 |
| 99 | -84 | -0.065 | -0.562 | 0.566 | 0.980 | 0.953 | 0.826 | -0.083 | -0.555 | 0.561 | 0.991 | 0.942 | 0.869 |
| 100 | -83 | -0.071 | -0.576 | 0.580 | 0.981 | 0.951 | 0.821 | -0.087 | -0.559 | 0.566 | 0.991 | 0.942 | 0.869 |
| 101 | -82 | -0.064 | -0.582 | 0.586 | 0.982 | 0.952 | 0.817 | -0.077 | -0.569 | 0.574 | 0.993 | 0.942 | 0.869 |
| 102 | -81 | -0.062 | -0.572 | 0.575 | 0.982 | 0.951 | 0.822 | -0.078 | -0.564 | 0.569 | 0.993 | 0.943 | 0.870 |
| 103 | -80 | -0.057 | -0.562 | 0.565 | 0.982 | 0.950 | 0.824 | -0.076 | -0.558 | 0.563 | 0.993 | 0.940 | 0.872 |
| 104 | -79 | -0.065 | -0.579 | 0.583 | 0.981 | 0.951 | 0.819 | -0.080 | -0.567 | 0.573 | 0.992 | 0.941 | 0.870 |
| 105 | -78 | -0.060 | -0.574 | 0.577 | 0.982 | 0.949 | 0.819 | -0.077 | -0.569 | 0.575 | 0.993 | 0.940 | 0.870 |
| 106 | -77 | -0.052 | -0.578 | 0.580 | 0.981 | 0.949 | 0.818 | -0.068 | -0.573 | 0.577 | 0.994 | 0.940 | 0.870 |
| 107 | -76 | -0.057 | -0.573 | 0.576 | 0.980 | 0.948 | 0.820 | -0.072 | -0.571 | 0.576 | 0.993 | 0.940 | 0.870 |
| 108 | -75 | -0.061 | -0.574 | 0.578 | 0.983 | 0.947 | 0.820 | -0.074 | -0.575 | 0.579 | 0.995 | 0.941 | 0.869 |
| 109 | -74 | -0.068 | -0.569 | 0.573 | 0.984 | 0.947 | 0.824 | -0.076 | -0.571 | 0.576 | 0.995 | 0.941 | 0.870 |
| 110 | -73 | -0.063 | -0.573 | 0.577 | 0.984 | 0.947 | 0.822 | -0.080 | -0.576 | 0.581 | 0.994 | 0.941 | 0.869 |
| 111 | -72 | -0.053 | -0.582 | 0.584 | 0.981 | 0.946 | 0.818 | -0.071 | -0.581 | 0.585 | 0.992 | 0.941 | 0.869 |
| 112 | -71 | -0.058 | -0.577 | 0.580 | 0.982 | 0.945 | 0.820 | -0.076 | -0.578 | 0.583 | 0.993 | 0.943 | 0.869 |
| 113 | -70 | -0.072 | -0.564 | 0.569 | 0.984 | 0.945 | 0.825 | -0.083 | -0.570 | 0.576 | 0.993 | 0.942 | 0.870 |
| 114 | -69 | -0.067 | -0.573 | 0.577 | 0.982 | 0.946 | 0.821 | -0.085 | -0.574 | 0.580 | 0.993 | 0.942 | 0.870 |
| 115 | -68 | -0.062 | -0.560 | 0.563 | 0.982 | 0.946 | 0.826 | -0.083 | -0.561 | 0.567 | 0.994 | 0.942 | 0.872 |
| 116 | -67 | -0.061 | -0.582 | 0.585 | 0.981 | 0.947 | 0.818 | -0.079 | -0.579 | 0.585 | 0.995 | 0.941 | 0.869 |
| 117 | -66 | -0.060 | -0.581 | 0.584 | 0.982 | 0.947 | 0.819 | -0.079 | -0.577 | 0.582 | 0.992 | 0.941 | 0.868 |
| 118 | -65 | -0.058 | -0.574 | 0.577 | 0.981 | 0.947 | 0.821 | -0.077 | -0.574 | 0.579 | 0.992 | 0.941 | 0.869 |
| 119 | -64 | -0.052 | -0.587 | 0.590 | 0.982 | 0.946 | 0.817 | -0.066 | -0.578 | 0.582 | 0.993 | 0.942 | 0.869 |
| 120 | -63 | -0.066 | -0.591 | 0.594 | 0.982 | 0.945 | 0.817 | -0.077 | -0.585 | 0.590 | 0.994 | 0.942 | 0.867 |
| 121 | -62 | -0.048 | -0.586 | 0.588 | 0.984 | 0.944 | 0.816 | -0.063 | -0.581 | 0.584 | 0.994 | 0.942 | 0.868 |
| 122 | -61 | -0.061 | -0.593 | 0.596 | 0.983 | 0.943 | 0.815 | -0.076 | -0.589 | 0.594 | 0.992 | 0.942 | 0.866 |
| 123 | -60 | -0.055 | -0.603 | 0.605 | 0.983 | 0.942 | 0.812 | -0.070 | -0.598 | 0.602 | 0.995 | 0.941 | 0.865 |
| 124 | -59 | -0.047 | -0.612 | 0.613 | 0.982 | 0.941 | 0.809 | -0.059 | -0.611 | 0.614 | 0.995 | 0.942 | 0.864 |
| 125 | -58 | -0.051 | -0.626 | 0.628 | 0.981 | 0.940 | 0.804 | -0.061 | -0.626 | 0.629 | 0.994 | 0.942 | 0.861 |
| 126 | -57 | -0.037 | -0.633 | 0.634 | 0.979 | 0.939 | 0.799 | -0.053 | -0.630 | 0.632 | 0.993 | 0.942 | 0.860 |
| 127 | -56 | -0.030 | -0.621 | 0.621 | 0.981 | 0.939 | 0.804 | -0.048 | -0.614 | 0.616 | 0.993 | 0.944 | 0.864 |
| 128 | -55 | -0.023 | -0.616 | 0.616 | 0.982 | 0.939 | 0.805 | -0.044 | -0.620 | 0.621 | 0.994 | 0.943 | 0.863 |
| 129 | -54 | -0.032 | -0.603 | 0.604 | 0.982 | 0.940 | 0.811 | -0.054 | -0.615 | 0.617 | 0.992 | 0.944 | 0.864 |
| 130 | -53 | -0.042 | -0.622 | 0.623 | 0.981 | 0.939 | 0.804 | -0.061 | -0.625 | 0.628 | 0.994 | 0.945 | 0.861 |
| 131 | -52 | -0.035 | -0.610 | 0.611 | 0.981 | 0.939 | 0.808 | -0.055 | -0.612 | 0.615 | 0.994 | 0.946 | 0.864 |
| 132 | -51 | -0.041 | -0.617 | 0.618 | 0.983 | 0.939 | 0.805 | -0.060 | -0.625 | 0.627 | 0.992 | 0.946 | 0.861 |
| 133 | -50 | -0.034 | -0.612 | 0.613 | 0.981 | 0.939 | 0.806 | -0.057 | -0.620 | 0.623 | 0.991 | 0.946 | 0.862 |
| 134 | -49 | -0.034 | -0.605 | 0.606 | 0.982 | 0.940 | 0.808 | -0.057 | -0.617 | 0.620 | 0.993 | 0.946 | 0.862 |
| 135 | -48 | -0.033 | -0.612 | 0.613 | 0.982 | 0.939 | 0.804 | -0.052 | -0.614 | 0.616 | 0.994 | 0.945 | 0.863 |
| 136 | -47 | -0.039 | -0.630 | 0.632 | 0.981 | 0.939 | 0.801 | -0.056 | -0.629 | 0.632 | 0.995 | 0.945 | 0.859 |
| 137 | -46 | -0.039 | -0.616 | 0.618 | 0.980 | 0.939 | 0.805 | -0.055 | -0.612 | 0.614 | 0.993 | 0.944 | 0.863 |
| 138 | -45 | -0.040 | -0.626 | 0.627 | 0.981 | 0.938 | 0.801 | -0.063 | -0.622 | 0.626 | 0.992 | 0.945 | 0.861 |
| 139 | -44 | -0.037 | -0.607 | 0.608 | 0.980 | 0.938 | 0.808 | -0.055 | -0.607 | 0.610 | 0.992 | 0.944 | 0.864 |
| 140 | -43 | -0.031 | -0.608 | 0.609 | 0.983 | 0.938 | 0.806 | -0.053 | -0.612 | 0.614 | 0.992 | 0.944 | 0.863 |
| 141 | -42 | -0.033 | -0.596 | 0.597 | 0.981 | 0.936 | 0.813 | -0.053 | -0.599 | 0.601 | 0.990 | 0.944 | 0.866 |
| 142 | -41 | -0.028 | -0.614 | 0.614 | 0.982 | 0.935 | 0.804 | -0.047 | -0.609 | 0.611 | 0.994 | 0.944 | 0.865 |
| 143 | -40 | -0.015 | -0.628 | 0.628 | 0.980 | 0.934 | 0.803 | -0.034 | -0.614 | 0.615 | 0.993 | 0.943 | 0.864 |
| 144 | -39 | -0.016 | -0.651 | 0.651 | 0.982 | 0.935 | 0.793 | -0.034 | -0.639 | 0.639 | 0.994 | 0.943 | 0.859 |
| 145 | -38 | -0.020 | -0.643 | 0.643 | 0.981 | 0.933 | 0.795 | -0.042 | -0.628 | 0.629 | 0.995 | 0.943 | 0.861 |
| 146 | -37 | -0.013 | -0.639 | 0.639 | 0.984 | 0.934 | 0.797 | -0.034 | -0.634 | 0.635 | 0.993 | 0.943 | 0.860 |
| 147 | -36 | -0.001 | -0.649 | 0.649 | 0.983 | 0.935 | 0.794 | -0.027 | -0.641 | 0.641 | 0.995 | 0.944 | 0.860 |
| 148 | -35 | -0.016 | -0.658 | 0.658 | 0.982 | 0.934 | 0.791 | -0.035 | -0.644 | 0.645 | 0.994 | 0.945 | 0.859 |
| 149 | -34 | -0.022 | -0.654 | 0.654 | 0.980 | 0.935 | 0.792 | -0.041 | -0.644 | 0.645 | 0.994 | 0.944 | 0.858 |
| 150 | -33 | -0.015 | -0.665 | 0.665 | 0.982 | 0.935 | 0.790 | -0.040 | -0.656 | 0.657 | 0.992 | 0.946 | 0.856 |
| 151 | -32 | -0.017 | -0.661 | 0.662 | 0.982 | 0.937 | 0.790 | -0.043 | -0.655 | 0.656 | 0.993 | 0.945 | 0.855 |
| 152 | -31 | -0.010 | -0.655 | 0.656 | 0.982 | 0.936 | 0.791 | -0.033 | -0.648 | 0.649 | 0.994 | 0.947 | 0.855 |
| 153 | -30 | -0.015 | -0.660 | 0.660 | 0.983 | 0.936 | 0.790 | -0.036 | -0.653 | 0.654 | 0.994 | 0.946 | 0.855 |
| 154 | -29 | -0.018 | -0.683 | 0.684 | 0.984 | 0.937 | 0.786 | -0.036 | -0.672 | 0.673 | 0.995 | 0.947 | 0.852 |
| 155 | -28 | -0.019 | -0.671 | 0.672 | 0.983 | 0.937 | 0.788 | -0.043 | -0.663 | 0.665 | 0.994 | 0.948 | 0.853 |
| 156 | -27 | -0.016 | -0.677 | 0.678 | 0.982 | 0.937 | 0.787 | -0.040 | -0.668 | 0.669 | 0.995 | 0.948 | 0.853 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 157 | -26 | -0.024 | -0.673 | 0.673 | 0.983 | 0.939 | 0.788 | -0.043 | -0.662 | 0.663 | 0.993 | 0.949 | 0.854 |
| 158 | -25 | -0.014 | -0.663 | 0.663 | 0.981 | 0.939 | 0.791 | -0.043 | -0.658 | 0.659 | 0.992 | 0.950 | 0.853 |
| 159 | -24 | -0.009 | -0.675 | 0.675 | 0.983 | 0.938 | 0.788 | -0.036 | -0.664 | 0.665 | 0.994 | 0.950 | 0.852 |
| 160 | -23 | -0.009 | -0.682 | 0.682 | 0.983 | 0.940 | 0.787 | -0.037 | -0.669 | 0.670 | 0.994 | 0.950 | 0.852 |
| 161 | -22 | -0.005 | -0.672 | 0.672 | 0.984 | 0.940 | 0.788 | -0.032 | -0.663 | 0.664 | 0.994 | 0.950 | 0.852 |
| 162 | -21 | 0.003 | -0.679 | 0.679 | 0.981 | 0.939 | 0.787 | -0.024 | -0.669 | 0.670 | 0.994 | 0.950 | 0.851 |
| 163 | -20 | -0.002 | -0.690 | 0.690 | 0.984 | 0.940 | 0.784 | -0.024 | -0.681 | 0.681 | 0.996 | 0.950 | 0.848 |
| 164 | -19 | 0.004 | -0.692 | 0.692 | 0.983 | 0.940 | 0.785 | -0.022 | -0.685 | 0.685 | 0.996 | 0.950 | 0.847 |
| 165 | -18 | 0.005 | -0.688 | 0.688 | 0.984 | 0.942 | 0.787 | -0.022 | -0.685 | 0.686 | 0.995 | 0.951 | 0.847 |
| 166 | -17 | 0.007 | -0.690 | 0.690 | 0.984 | 0.943 | 0.786 | -0.019 | -0.687 | 0.688 | 0.995 | 0.952 | 0.846 |
| 167 | -16 | 0.001 | -0.700 | 0.700 | 0.983 | 0.943 | 0.783 | -0.023 | -0.697 | 0.698 | 0.996 | 0.952 | 0.843 |
| 168 | -15 | 0.006 | -0.697 | 0.697 | 0.983 | 0.944 | 0.783 | -0.024 | -0.695 | 0.695 | 0.996 | 0.953 | 0.844 |
| 169 | -14 | 0.003 | -0.702 | 0.702 | 0.983 | 0.943 | 0.781 | -0.026 | -0.697 | 0.698 | 0.996 | 0.953 | 0.843 |
| 170 | -13 | 0.002 | -0.698 | 0.698 | 0.982 | 0.943 | 0.784 | -0.027 | -0.697 | 0.698 | 0.996 | 0.953 | 0.843 |
| 171 | -12 | 0.003 | -0.689 | 0.689 | 0.979 | 0.942 | 0.785 | -0.026 | -0.692 | 0.693 | 0.994 | 0.953 | 0.844 |
| 172 | -11 | 0.009 | -0.683 | 0.683 | 0.972 | 0.943 | 0.786 | -0.026 | -0.687 | 0.687 | 0.990 | 0.953 | 0.845 |
| 173 | -10 | -1.000 | -1.000 | -1.000 | -1.000 | 0.942 | -1.000 | -1.000 | -1.000 | -1.000 | -1.000 | 0.953 | -1.000 |
| 174 | -9 | -1.000 | -1.000 | -1.000 | -1.000 | 0.943 | -1.000 | -1.000 | -1.000 | -1.000 | -1.000 | 0.954 | -1.000 |
| 175 | -8 | -1.000 | -1.000 | -1.000 | -1.000 | 0.942 | -1.000 | -1.000 | -1.000 | -1.000 | -1.000 | 0.954 | -1.000 |
| 176 | -7 | -1.000 | -1.000 | -1.000 | -1.000 | 0.941 | -1.000 | -1.000 | -1.000 | -1.000 | -1.000 | 0.954 | -1.000 |
| 177 | -6 | -1.000 | -1.000 | -1.000 | -1.000 | 0.942 | -1.000 | -1.000 | -1.000 | -1.000 | -1.000 | 0.954 | -1.000 |
| 178 | -5 | -1.000 | -1.000 | -1.000 | -1.000 | 0.943 | -1.000 | -1.000 | -1.000 | -1.000 | -1.000 | 0.953 | -1.000 |
| 179 | -4 | -1.000 | -1.000 | -1.000 | -1.000 | 0.944 | -1.000 | -1.000 | -1.000 | -1.000 | -1.000 | 0.954 | -1.000 |
| 180 | -3 | -1.000 | -1.000 | -1.000 | -1.000 | 0.943 | -1.000 | -1.000 | -1.000 | -1.000 | -1.000 | 0.955 | -1.000 |
| 181 | -2 | -1.000 | -1.000 | -1.000 | -1.000 | 0.943 | -1.000 | -1.000 | -1.000 | -1.000 | -1.000 | 0.955 | -1.000 |
| 182 | -1 | -1.000 | -1.000 | -1.000 | -1.000 | 0.943 | -1.000 | -1.000 | -1.000 | -1.000 | -1.000 | 0.955 | -1.000 |
| 183 | 0 | -1.000 | -1.000 | -1.000 | -1.000 | 0.943 | -1.000 | -1.000 | -1.000 | -1.000 | -1.000 | 0.955 | -1.000 |
| 184 | 1 | -1.000 | -1.000 | -1.000 | -1.000 | 0.944 | -1.000 | -1.000 | -1.000 | -1.000 | -1.000 | 0.955 | -1.000 |
| 185 | 2 | -1.000 | -1.000 | -1.000 | -1.000 | 0.944 | -1.000 | -1.000 | -1.000 | -1.000 | -1.000 | 0.956 | -1.000 |
| 186 | 3 | -1.000 | -1.000 | -1.000 | -1.000 | 0.944 | -1.000 | -1.000 | -1.000 | -1.000 | -1.000 | 0.955 | -1.000 |
| 187 | 4 | -1.000 | -1.000 | -1.000 | -1.000 | 0.944 | -1.000 | -1.000 | -1.000 | -1.000 | -1.000 | 0.954 | -1.000 |
| 188 | 5 | -1.000 | -1.000 | -1.000 | -1.000 | 0.945 | -1.000 | -1.000 | -1.000 | -1.000 | -1.000 | 0.954 | -1.000 |
| 189 | 6 | -1.000 | -1.000 | -1.000 | -1.000 | 0.947 | -1.000 | -1.000 | -1.000 | -1.000 | -1.000 | 0.954 | -1.000 |
| 190 | 7 | -1.000 | -1.000 | -1.000 | -1.000 | 0.947 | -1.000 | -1.000 | -1.000 | -1.000 | -1.000 | 0.953 | -1.000 |
| 191 | 8 | -1.000 | -1.000 | -1.000 | -1.000 | 0.947 | -1.000 | -1.000 | -1.000 | -1.000 | -1.000 | 0.952 | -1.000 |
| 192 | 9 | -1.000 | -1.000 | -1.000 | -1.000 | 0.947 | -1.000 | -1.000 | -1.000 | -1.000 | -1.000 | 0.952 | -1.000 |
| 193 | 10 | -1.000 | -1.000 | -1.000 | -1.000 | 0.947 | -1.000 | -1.000 | -1.000 | -1.000 | -1.000 | 0.953 | -1.000 |
| 194 | 11 | 0.038 | -0.709 | 0.710 | 0.971 | 0.948 | 0.778 | 0.007 | -0.712 | 0.712 | 0.988 | 0.953 | 0.835 |
| 195 | 12 | 0.036 | -0.705 | 0.706 | 0.973 | 0.947 | 0.779 | 0.005 | -0.713 | 0.713 | 0.991 | 0.954 | 0.835 |
| 196 | 13 | 0.034 | -0.703 | 0.704 | 0.978 | 0.947 | 0.778 | -0.002 | -0.715 | 0.715 | 0.995 | 0.954 | 0.834 |
| 197 | 14 | 0.036 | -0.696 | 0.697 | 0.981 | 0.946 | 0.781 | 0.001 | -0.708 | 0.708 | 0.995 | 0.953 | 0.835 |
| 198 | 15 | 0.037 | -0.694 | 0.695 | 0.982 | 0.945 | 0.781 | 0.004 | -0.707 | 0.707 | 0.995 | 0.954 | 0.836 |
| 199 | 16 | 0.041 | -0.692 | 0.693 | 0.983 | 0.944 | 0.783 | 0.009 | -0.706 | 0.706 | 0.995 | 0.955 | 0.835 |
| 200 | 17 | 0.047 | -0.697 | 0.699 | 0.983 | 0.945 | 0.781 | 0.016 | -0.713 | 0.713 | 0.994 | 0.955 | 0.834 |
| 201 | 18 | 0.053 | -0.701 | 0.703 | 0.983 | 0.947 | 0.778 | 0.023 | -0.717 | 0.717 | 0.994 | 0.955 | 0.833 |
| 202 | 19 | 0.056 | -0.706 | 0.708 | 0.983 | 0.948 | 0.776 | 0.029 | -0.724 | 0.725 | 0.994 | 0.956 | 0.833 |
| 203 | 20 | 0.062 | -0.697 | 0.699 | 0.984 | 0.948 | 0.778 | 0.037 | -0.717 | 0.718 | 0.994 | 0.957 | 0.833 |
| 204 | 21 | 0.067 | -0.696 | 0.699 | 0.985 | 0.949 | 0.779 | 0.043 | -0.716 | 0.717 | 0.993 | 0.955 | 0.833 |
| 205 | 22 | 0.069 | -0.697 | 0.701 | 0.985 | 0.951 | 0.776 | 0.047 | -0.721 | 0.722 | 0.992 | 0.955 | 0.832 |
| 206 | 23 | 0.069 | -0.694 | 0.698 | 0.986 | 0.952 | 0.777 | 0.047 | -0.717 | 0.719 | 0.992 | 0.957 | 0.833 |
| 207 | 24 | 0.064 | -0.696 | 0.699 | 0.985 | 0.951 | 0.776 | 0.050 | -0.719 | 0.720 | 0.992 | 0.956 | 0.833 |
| 208 | 25 | 0.068 | -0.695 | 0.698 | 0.986 | 0.950 | 0.776 | 0.050 | -0.718 | 0.720 | 0.992 | 0.954 | 0.833 |
| 209 | 26 | 0.067 | -0.688 | 0.691 | 0.984 | 0.949 | 0.778 | 0.053 | -0.710 | 0.712 | 0.993 | 0.954 | 0.834 |
| 210 | 27 | 0.070 | -0.683 | 0.687 | 0.984 | 0.950 | 0.780 | 0.057 | -0.705 | 0.707 | 0.993 | 0.952 | 0.835 |
| 211 | 28 | 0.066 | -0.685 | 0.688 | 0.984 | 0.952 | 0.780 | 0.056 | -0.701 | 0.704 | 0.994 | 0.951 | 0.835 |
| 212 | 29 | 0.069 | -0.696 | 0.699 | 0.983 | 0.953 | 0.775 | 0.056 | -0.709 | 0.711 | 0.994 | 0.950 | 0.835 |
| 213 | 30 | 0.069 | -0.690 | 0.694 | 0.983 | 0.952 | 0.778 | 0.057 | -0.705 | 0.707 | 0.994 | 0.949 | 0.836 |
| 214 | 31 | 0.061 | -0.685 | 0.688 | 0.983 | 0.953 | 0.783 | 0.052 | -0.697 | 0.699 | 0.995 | 0.949 | 0.838 |
| 215 | 32 | 0.068 | -0.678 | 0.681 | 0.982 | 0.955 | 0.784 | 0.054 | -0.692 | 0.695 | 0.995 | 0.949 | 0.839 |
| 216 | 33 | 0.064 | -0.666 | 0.669 | 0.982 | 0.953 | 0.786 | 0.048 | -0.689 | 0.691 | 0.994 | 0.950 | 0.840 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 217 | 34 | 0.069 | -0.669 | 0.672 | 0.983 | 0.952 | 0.787 | 0.054 | -0.686 | 0.688 | 0.993 | 0.950 | 0.841 |
| 218 | 35 | 0.073 | -0.664 | 0.668 | 0.983 | 0.952 | 0.789 | 0.057 | -0.688 | 0.690 | 0.995 | 0.951 | 0.841 |
| 219 | 36 | 0.069 | -0.652 | 0.656 | 0.982 | 0.952 | 0.791 | 0.059 | -0.678 | 0.681 | 0.993 | 0.952 | 0.842 |
| 220 | 37 | 0.079 | -0.669 | 0.674 | 0.981 | 0.953 | 0.785 | 0.064 | -0.692 | 0.695 | 0.993 | 0.950 | 0.839 |
| 221 | 38 | 0.080 | -0.680 | 0.684 | 0.982 | 0.952 | 0.782 | 0.072 | -0.707 | 0.711 | 0.993 | 0.949 | 0.835 |
| 222 | 39 | 0.090 | -0.673 | 0.679 | 0.983 | 0.953 | 0.783 | 0.078 | -0.696 | 0.701 | 0.992 | 0.948 | 0.837 |
| 223 | 40 | 0.099 | -0.677 | 0.684 | 0.983 | 0.951 | 0.780 | 0.087 | -0.704 | 0.710 | 0.994 | 0.945 | 0.834 |
| 224 | 41 | 0.094 | -0.690 | 0.697 | 0.984 | 0.952 | 0.777 | 0.088 | -0.708 | 0.714 | 0.993 | 0.943 | 0.832 |
| 225 | 42 | 0.088 | -0.697 | 0.703 | 0.984 | 0.951 | 0.775 | 0.083 | -0.712 | 0.717 | 0.993 | 0.943 | 0.831 |
| 226 | 43 | 0.088 | -0.681 | 0.687 | 0.984 | 0.951 | 0.780 | 0.086 | -0.697 | 0.702 | 0.993 | 0.941 | 0.833 |
| 227 | 44 | 0.089 | -0.678 | 0.684 | 0.984 | 0.951 | 0.782 | 0.085 | -0.699 | 0.704 | 0.992 | 0.942 | 0.833 |
| 228 | 45 | 0.075 | -0.664 | 0.669 | 0.983 | 0.950 | 0.787 | 0.073 | -0.686 | 0.690 | 0.992 | 0.941 | 0.837 |
| 229 | 46 | 0.073 | -0.650 | 0.654 | 0.985 | 0.947 | 0.792 | 0.072 | -0.675 | 0.679 | 0.991 | 0.942 | 0.841 |
| 230 | 47 | 0.073 | -0.639 | 0.643 | 0.984 | 0.948 | 0.796 | 0.075 | -0.661 | 0.666 | 0.993 | 0.942 | 0.844 |
| 231 | 48 | 0.078 | -0.654 | 0.659 | 0.983 | 0.948 | 0.790 | 0.079 | -0.677 | 0.681 | 0.993 | 0.940 | 0.841 |
| 232 | 49 | 0.086 | -0.625 | 0.631 | 0.982 | 0.944 | 0.801 | 0.083 | -0.648 | 0.653 | 0.993 | 0.940 | 0.847 |
| 233 | 50 | 0.083 | -0.618 | 0.623 | 0.982 | 0.941 | 0.802 | 0.086 | -0.645 | 0.651 | 0.992 | 0.940 | 0.849 |
| 234 | 51 | 0.086 | -0.612 | 0.618 | 0.981 | 0.942 | 0.803 | 0.083 | -0.642 | 0.648 | 0.992 | 0.942 | 0.849 |
| 235 | 52 | 0.081 | -0.605 | 0.610 | 0.983 | 0.945 | 0.805 | 0.086 | -0.629 | 0.635 | 0.989 | 0.944 | 0.851 |
| 236 | 53 | 0.087 | -0.568 | 0.575 | 0.982 | 0.944 | 0.814 | 0.089 | -0.599 | 0.606 | 0.993 | 0.944 | 0.858 |
| 237 | 54 | 0.088 | -0.547 | 0.554 | 0.982 | 0.946 | 0.820 | 0.088 | -0.592 | 0.598 | 0.991 | 0.946 | 0.860 |
| 238 | 55 | 0.088 | -0.538 | 0.545 | 0.981 | 0.946 | 0.825 | 0.086 | -0.588 | 0.594 | 0.991 | 0.947 | 0.860 |
| 239 | 56 | 0.103 | -0.546 | 0.556 | 0.981 | 0.944 | 0.825 | 0.098 | -0.586 | 0.594 | 0.995 | 0.946 | 0.861 |
| 240 | 57 | 0.107 | -0.526 | 0.537 | 0.982 | 0.946 | 0.828 | 0.105 | -0.567 | 0.576 | 0.992 | 0.944 | 0.862 |
| 241 | 58 | 0.109 | -0.498 | 0.510 | 0.981 | 0.944 | 0.834 | 0.112 | -0.547 | 0.558 | 0.992 | 0.942 | 0.866 |
| 242 | 59 | 0.117 | -0.469 | 0.483 | 0.980 | 0.950 | 0.844 | 0.118 | -0.520 | 0.533 | 0.992 | 0.941 | 0.871 |
| 243 | 60 | 0.109 | -0.447 | 0.460 | 0.983 | 0.950 | 0.852 | 0.114 | -0.495 | 0.508 | 0.992 | 0.940 | 0.876 |
| 244 | 61 | 0.099 | -0.424 | 0.435 | 0.983 | 0.948 | 0.859 | 0.109 | -0.475 | 0.487 | 0.993 | 0.935 | 0.879 |
| 245 | 62 | 0.096 | -0.393 | 0.405 | 0.984 | 0.949 | 0.867 | 0.111 | -0.445 | 0.459 | 0.992 | 0.935 | 0.883 |
| 246 | 63 | 0.104 | -0.353 | 0.368 | 0.983 | 0.953 | 0.879 | 0.120 | -0.410 | 0.427 | 0.992 | 0.935 | 0.889 |
| 247 | 64 | 0.105 | -0.339 | 0.355 | 0.982 | 0.952 | 0.885 | 0.111 | -0.402 | 0.417 | 0.992 | 0.934 | 0.892 |
| 248 | 65 | 0.108 | -0.331 | 0.348 | 0.984 | 0.950 | 0.888 | 0.116 | -0.387 | 0.404 | 0.992 | 0.935 | 0.896 |
| 249 | 66 | 0.108 | -0.335 | 0.352 | 0.983 | 0.947 | 0.885 | 0.114 | -0.387 | 0.404 | 0.991 | 0.935 | 0.896 |
| 250 | 67 | 0.107 | -0.324 | 0.341 | 0.984 | 0.942 | 0.890 | 0.111 | -0.379 | 0.395 | 0.990 | 0.934 | 0.898 |
| 251 | 68 | 0.107 | -0.332 | 0.348 | 0.983 | 0.939 | 0.887 | 0.115 | -0.386 | 0.403 | 0.992 | 0.933 | 0.896 |
| 252 | 69 | 0.105 | -0.325 | 0.342 | 0.981 | 0.936 | 0.890 | 0.107 | -0.383 | 0.398 | 0.992 | 0.934 | 0.897 |
| 253 | 70 | 0.089 | -0.336 | 0.348 | 0.981 | 0.938 | 0.887 | 0.092 | -0.393 | 0.403 | 0.989 | 0.934 | 0.894 |
| 254 | 71 | 0.100 | -0.341 | 0.355 | 0.981 | 0.939 | 0.884 | 0.103 | -0.405 | 0.418 | 0.991 | 0.936 | 0.891 |
| 255 | 72 | 0.094 | -0.370 | 0.382 | 0.982 | 0.943 | 0.873 | 0.102 | -0.429 | 0.441 | 0.989 | 0.935 | 0.885 |
| 256 | 73 | 0.095 | -0.382 | 0.393 | 0.981 | 0.943 | 0.872 | 0.101 | -0.444 | 0.456 | 0.990 | 0.936 | 0.881 |
| 257 | 74 | 0.107 | -0.394 | 0.408 | 0.983 | 0.941 | 0.866 | 0.113 | -0.455 | 0.469 | 0.991 | 0.938 | 0.878 |
| 258 | 75 | 0.115 | -0.431 | 0.446 | 0.983 | 0.943 | 0.855 | 0.121 | -0.486 | 0.501 | 0.993 | 0.936 | 0.870 |
| 259 | 76 | 0.116 | -0.461 | 0.475 | 0.982 | 0.946 | 0.847 | 0.126 | -0.512 | 0.528 | 0.992 | 0.939 | 0.863 |
| 260 | 77 | 0.121 | -0.463 | 0.478 | 0.982 | 0.946 | 0.845 | 0.131 | -0.515 | 0.532 | 0.992 | 0.937 | 0.864 |
| 261 | 78 | 0.126 | -0.456 | 0.473 | 0.981 | 0.943 | 0.848 | 0.135 | -0.508 | 0.526 | 0.991 | 0.937 | 0.868 |
| 262 | 79 | 0.125 | -0.482 | 0.498 | 0.982 | 0.941 | 0.839 | 0.135 | -0.525 | 0.542 | 0.992 | 0.936 | 0.864 |
| 263 | 80 | 0.125 | -0.492 | 0.508 | 0.982 | 0.942 | 0.837 | 0.137 | -0.529 | 0.547 | 0.993 | 0.936 | 0.865 |
| 264 | 81 | 0.136 | -0.494 | 0.512 | 0.982 | 0.942 | 0.838 | 0.148 | -0.522 | 0.543 | 0.992 | 0.935 | 0.867 |
| 265 | 82 | 0.128 | -0.485 | 0.502 | 0.981 | 0.938 | 0.842 | 0.141 | -0.520 | 0.539 | 0.991 | 0.935 | 0.868 |
| 266 | 83 | 0.121 | -0.515 | 0.529 | 0.983 | 0.937 | 0.833 | 0.135 | -0.536 | 0.553 | 0.991 | 0.935 | 0.867 |
| 267 | 84 | 0.124 | -0.528 | 0.543 | 0.982 | 0.937 | 0.829 | 0.131 | -0.547 | 0.562 | 0.991 | 0.937 | 0.864 |
| 268 | 85 | 0.118 | -0.531 | 0.544 | 0.983 | 0.939 | 0.830 | 0.118 | -0.547 | 0.560 | 0.993 | 0.937 | 0.865 |
| 269 | 86 | 0.127 | -0.528 | 0.543 | 0.982 | 0.942 | 0.830 | 0.133 | -0.543 | 0.559 | 0.993 | 0.938 | 0.865 |
| 270 | 87 | 0.115 | -0.554 | 0.565 | 0.981 | 0.942 | 0.822 | 0.123 | -0.565 | 0.579 | 0.990 | 0.939 | 0.860 |
| 271 | 88 | 0.111 | -0.570 | 0.581 | 0.983 | 0.943 | 0.815 | 0.117 | -0.575 | 0.587 | 0.994 | 0.941 | 0.859 |
| 272 | 89 | 0.115 | -0.547 | 0.559 | 0.981 | 0.943 | 0.824 | 0.121 | -0.555 | 0.568 | 0.991 | 0.942 | 0.862 |
| 273 | 90 | 0.121 | -0.562 | 0.575 | 0.982 | 0.946 | 0.819 | 0.124 | -0.565 | 0.578 | 0.992 | 0.940 | 0.860 |
| 274 | 91 | 0.106 | -0.578 | 0.588 | 0.984 | 0.948 | 0.809 | 0.112 | -0.575 | 0.586 | 0.991 | 0.936 | 0.855 |
| 275 | 92 | 0.107 | -0.586 | 0.596 | 0.983 | 0.946 | 0.806 | 0.111 | -0.577 | 0.587 | 0.993 | 0.934 | 0.854 |
| 276 | 93 | 0.117 | -0.615 | 0.626 | 0.983 | 0.946 | 0.794 | 0.121 | -0.596 | 0.608 | 0.992 | 0.932 | 0.849 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 277 | 94 | 0.112 | -0.622 | 0.632 | 0.983 | 0.946 | 0.792 | 0.114 | -0.596 | 0.607 | 0.992 | 0.929 | 0.849 |
| 278 | 95 | 0.128 | -0.634 | 0.647 | 0.983 | 0.946 | 0.785 | 0.128 | -0.606 | 0.620 | 0.992 | 0.926 | 0.845 |
| 279 | 96 | 0.132 | -0.650 | 0.663 | 0.983 | 0.942 | 0.778 | 0.133 | -0.617 | 0.631 | 0.990 | 0.925 | 0.842 |
| 280 | 97 | 0.125 | -0.617 | 0.630 | 0.983 | 0.945 | 0.792 | 0.122 | -0.587 | 0.599 | 0.993 | 0.928 | 0.851 |
| 281 | 98 | 0.122 | -0.602 | 0.615 | 0.983 | 0.939 | 0.801 | 0.123 | -0.579 | 0.592 | 0.993 | 0.929 | 0.854 |
| 282 | 99 | 0.116 | -0.577 | 0.589 | 0.982 | 0.937 | 0.810 | 0.113 | -0.554 | 0.565 | 0.994 | 0.928 | 0.862 |
| 283 | 100 | 0.117 | -0.541 | 0.553 | 0.983 | 0.936 | 0.826 | 0.116 | -0.523 | 0.536 | 0.992 | 0.930 | 0.873 |
| 284 | 101 | 0.111 | -0.508 | 0.520 | 0.982 | 0.934 | 0.840 | 0.115 | -0.495 | 0.509 | 0.991 | 0.932 | 0.879 |
| 285 | 102 | 0.092 | -0.497 | 0.506 | 0.982 | 0.925 | 0.843 | 0.096 | -0.488 | 0.498 | 0.992 | 0.932 | 0.884 |
| 286 | 103 | 0.085 | -0.488 | 0.495 | 0.982 | 0.922 | 0.846 | 0.088 | -0.473 | 0.481 | 0.993 | 0.933 | 0.888 |
| 287 | 104 | 0.095 | -0.495 | 0.504 | 0.982 | 0.924 | 0.845 | 0.099 | -0.478 | 0.489 | 0.994 | 0.934 | 0.886 |
| 288 | 105 | 0.100 | -0.517 | 0.526 | 0.982 | 0.927 | 0.839 | 0.099 | -0.496 | 0.505 | 0.993 | 0.935 | 0.881 |
| 289 | 106 | 0.099 | -0.536 | 0.545 | 0.982 | 0.930 | 0.830 | 0.099 | -0.514 | 0.523 | 0.993 | 0.936 | 0.877 |
| 290 | 107 | 0.098 | -0.536 | 0.545 | 0.981 | 0.931 | 0.830 | 0.098 | -0.519 | 0.528 | 0.992 | 0.937 | 0.875 |
| 291 | 108 | 0.093 | -0.557 | 0.564 | 0.982 | 0.931 | 0.826 | 0.093 | -0.538 | 0.546 | 0.993 | 0.937 | 0.872 |
| 292 | 109 | 0.097 | -0.574 | 0.582 | 0.980 | 0.934 | 0.820 | 0.096 | -0.551 | 0.560 | 0.991 | 0.940 | 0.869 |
| 293 | 110 | 0.109 | -0.584 | 0.594 | 0.982 | 0.938 | 0.814 | 0.104 | -0.561 | 0.570 | 0.993 | 0.939 | 0.865 |
| 294 | 111 | 0.106 | -0.595 | 0.605 | 0.982 | 0.940 | 0.799 | 0.100 | -0.572 | 0.581 | 0.990 | 0.936 | 0.860 |
| 295 | 112 | 0.115 | -0.614 | 0.625 | 0.981 | 0.936 | 0.780 | 0.106 | -0.594 | 0.604 | 0.992 | 0.933 | 0.851 |
| 296 | 113 | 0.133 | -0.603 | 0.617 | 0.981 | 0.914 | 0.774 | 0.112 | -0.583 | 0.593 | 0.993 | 0.928 | 0.849 |
| 297 | 114 | 0.148 | -0.624 | 0.641 | 0.982 | 0.864 | 0.741 | 0.120 | -0.599 | 0.611 | 0.993 | 0.923 | 0.841 |
| 298 | 115 | 0.163 | -0.658 | 0.678 | 0.982 | 0.803 | 0.704 | 0.120 | -0.636 | 0.648 | 0.991 | 0.914 | 0.826 |
| 299 | 116 | 0.196 | -0.691 | 0.718 | 0.983 | 0.715 | 0.647 | 0.118 | -0.666 | 0.676 | 0.993 | 0.907 | 0.816 |
| 300 | 117 | 0.239 | -0.744 | 0.781 | 0.985 | 0.603 | 0.563 | 0.128 | -0.707 | 0.718 | 0.992 | 0.899 | 0.800 |
| 301 | 118 | 0.300 | -0.870 | 0.920 | 0.984 | 0.431 | 0.409 | 0.115 | -0.794 | 0.802 | 0.991 | 0.885 | 0.776 |
| 302 | 119 | 0.394 | -1.132 | 1.198 | 0.981 | 0.145 | 0.146 | 0.114 | -0.890 | 0.897 | 0.990 | 0.863 | 0.748 |
| 303 | 120 | -1.000 | -1.000 | -1.000 | 0.982 | -1.000 | 0.000 | 0.109 | -1.002 | 1.008 | 0.992 | 0.832 | 0.713 |
| 304 | 121 | -1.000 | -1.000 | -1.000 | 0.981 | -1.000 | 0.000 | 0.098 | -1.175 | 1.179 | 0.993 | 0.785 | 0.662 |
| 305 | 122 | -1.000 | -1.000 | -1.000 | 0.983 | -1.000 | 0.000 | 0.088 | -1.408 | 1.410 | 0.992 | 0.716 | 0.590 |
| 306 | 123 | -1.000 | -1.000 | -1.000 | 0.982 | -1.000 | 0.000 | 0.079 | -1.573 | 1.575 | 0.992 | 0.676 | 0.544 |
| 307 | 124 | -1.000 | -1.000 | -1.000 | 0.981 | -1.000 | 0.000 | 0.087 | -1.533 | 1.535 | 0.992 | 0.716 | 0.571 |
| 308 | 125 | -1.000 | -1.000 | -1.000 | 0.981 | -1.000 | 0.000 | 0.093 | -1.519 | 1.522 | 0.993 | 0.752 | 0.591 |
| 309 | 126 | -1.000 | -1.000 | -1.000 | 0.981 | -1.000 | 0.000 | 0.092 | -1.475 | 1.477 | 0.992 | 0.785 | 0.617 |
| 310 | 127 | 0.379 | -2.003 | 2.038 | 0.981 | 0.076 | 0.022 | 0.079 | -1.441 | 1.444 | 0.992 | 0.815 | 0.636 |
| 311 | 128 | 0.343 | -1.984 | 2.013 | 0.981 | 0.165 | 0.061 | 0.082 | -1.399 | 1.401 | 0.992 | 0.843 | 0.658 |
| 312 | 129 | 0.306 | -1.960 | 1.984 | 0.979 | 0.246 | 0.099 | 0.089 | -1.355 | 1.358 | 0.992 | 0.863 | 0.681 |
| 313 | 130 | 0.283 | -1.903 | 1.924 | 0.979 | 0.319 | 0.153 | 0.095 | -1.182 | 1.186 | 0.991 | 0.885 | 0.731 |
| 314 | 131 | 0.263 | -1.713 | 1.733 | 0.979 | 0.436 | 0.270 | 0.097 | -1.001 | 1.006 | 0.991 | 0.900 | 0.775 |
| 315 | 132 | 0.237 | -1.412 | 1.432 | 0.978 | 0.577 | 0.419 | 0.091 | -0.879 | 0.884 | 0.989 | 0.902 | 0.799 |
| 316 | 133 | 0.215 | -1.116 | 1.136 | 0.979 | 0.701 | 0.543 | 0.101 | -0.780 | 0.787 | 0.992 | 0.906 | 0.824 |
| 317 | 134 | 0.183 | -0.888 | 0.907 | 0.978 | 0.792 | 0.642 | 0.099 | -0.685 | 0.692 | 0.991 | 0.909 | 0.842 |
| 318 | 135 | 0.160 | -0.735 | 0.752 | 0.980 | 0.858 | 0.710 | 0.099 | -0.620 | 0.628 | 0.992 | 0.913 | 0.857 |
| 319 | 136 | 0.150 | -0.606 | 0.624 | 0.980 | 0.898 | 0.763 | 0.106 | -0.557 | 0.567 | 0.989 | 0.914 | 0.870 |
| 320 | 137 | 0.153 | -0.546 | 0.567 | 0.979 | 0.915 | 0.795 | 0.113 | -0.523 | 0.535 | 0.991 | 0.917 | 0.876 |
| 321 | 138 | 0.141 | -0.526 | 0.545 | 0.978 | 0.923 | 0.809 | 0.112 | -0.522 | 0.533 | 0.991 | 0.922 | 0.876 |
| 322 | 139 | 0.119 | -0.475 | 0.490 | 0.979 | 0.923 | 0.835 | 0.100 | -0.477 | 0.487 | 0.993 | 0.926 | 0.886 |
| 323 | 140 | 0.105 | -0.452 | 0.464 | 0.979 | 0.927 | 0.847 | 0.091 | -0.467 | 0.475 | 0.993 | 0.927 | 0.887 |
| 324 | 141 | 0.101 | -0.391 | 0.404 | 0.980 | 0.928 | 0.872 | 0.087 | -0.417 | 0.426 | 0.992 | 0.931 | 0.896 |
| 325 | 142 | 0.108 | -0.362 | 0.378 | 0.980 | 0.927 | 0.880 | 0.100 | -0.394 | 0.407 | 0.991 | 0.935 | 0.899 |
| 326 | 143 | 0.101 | -0.361 | 0.375 | 0.981 | 0.928 | 0.883 | 0.094 | -0.390 | 0.402 | 0.992 | 0.936 | 0.901 |
| 327 | 144 | 0.098 | -0.366 | 0.379 | 0.980 | 0.928 | 0.884 | 0.085 | -0.400 | 0.409 | 0.990 | 0.936 | 0.900 |
| 328 | 145 | 0.099 | -0.362 | 0.375 | 0.979 | 0.928 | 0.885 | 0.088 | -0.390 | 0.399 | 0.992 | 0.936 | 0.903 |
| 329 | 146 | 0.095 | -0.333 | 0.346 | 0.979 | 0.927 | 0.893 | 0.083 | -0.361 | 0.371 | 0.990 | 0.936 | 0.909 |
| 330 | 147 | 0.090 | -0.332 | 0.344 | 0.980 | 0.925 | 0.894 | 0.084 | -0.360 | 0.369 | 0.992 | 0.935 | 0.910 |
| 331 | 148 | 0.089 | -0.330 | 0.342 | 0.980 | 0.923 | 0.895 | 0.076 | -0.355 | 0.363 | 0.989 | 0.935 | 0.912 |
| 332 | 149 | 0.084 | -0.326 | 0.337 | 0.979 | 0.924 | 0.896 | 0.075 | -0.347 | 0.355 | 0.989 | 0.935 | 0.913 |
| 333 | 150 | 0.110 | -0.304 | 0.323 | 0.980 | 0.924 | 0.898 | 0.090 | -0.336 | 0.348 | 0.990 | 0.935 | 0.913 |
| 334 | 151 | 0.104 | -0.307 | 0.324 | 0.978 | 0.927 | 0.895 | 0.091 | -0.343 | 0.355 | 0.990 | 0.934 | 0.911 |
| 335 | 152 | 0.102 | -0.319 | 0.335 | 0.979 | 0.930 | 0.895 | 0.093 | -0.351 | 0.363 | 0.991 | 0.936 | 0.910 |
| 336 | 153 | 0.115 | -0.337 | 0.356 | 0.979 | 0.931 | 0.885 | 0.102 | -0.369 | 0.383 | 0.994 | 0.938 | 0.905 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 337 | 154 | 0.119 | -0.320 | 0.341 | 0.977 | 0.933 | 0.892 | 0.107 | -0.356 | 0.371 | 0.991 | 0.939 | 0.907 |
| 338 | 155 | 0.114 | -0.314 | 0.334 | 0.979 | 0.934 | 0.894 | 0.096 | -0.363 | 0.376 | 0.989 | 0.940 | 0.905 |
| 339 | 156 | 0.114 | -0.320 | 0.340 | 0.978 | 0.933 | 0.894 | 0.096 | -0.371 | 0.383 | 0.990 | 0.941 | 0.902 |
| 340 | 157 | 0.111 | -0.316 | 0.335 | 0.978 | 0.932 | 0.894 | 0.096 | -0.361 | 0.374 | 0.991 | 0.941 | 0.904 |
| 341 | 158 | 0.106 | -0.299 | 0.317 | 0.979 | 0.933 | 0.898 | 0.093 | -0.346 | 0.359 | 0.990 | 0.941 | 0.909 |
| 342 | 159 | 0.116 | -0.277 | 0.300 | 0.978 | 0.932 | 0.904 | 0.102 | -0.332 | 0.347 | 0.989 | 0.942 | 0.912 |
| 343 | 160 | 0.109 | -0.267 | 0.288 | 0.980 | 0.934 | 0.908 | 0.102 | -0.321 | 0.337 | 0.991 | 0.943 | 0.914 |
| 344 | 161 | 0.102 | -0.248 | 0.268 | 0.980 | 0.933 | 0.911 | 0.095 | -0.302 | 0.316 | 0.991 | 0.944 | 0.919 |
| 345 | 162 | 0.109 | -0.243 | 0.267 | 0.980 | 0.931 | 0.912 | 0.098 | -0.295 | 0.311 | 0.992 | 0.944 | 0.921 |
| 346 | 163 | 0.108 | -0.246 | 0.269 | 0.980 | 0.930 | 0.911 | 0.099 | -0.297 | 0.313 | 0.991 | 0.945 | 0.921 |
| 347 | 164 | 0.108 | -0.256 | 0.278 | 0.978 | 0.932 | 0.911 | 0.094 | -0.305 | 0.319 | 0.991 | 0.945 | 0.918 |
| 348 | 165 | 0.087 | -0.261 | 0.275 | 0.981 | 0.933 | 0.910 | 0.078 | -0.308 | 0.317 | 0.991 | 0.944 | 0.918 |
| 349 | 166 | 0.089 | -0.240 | 0.256 | 0.981 | 0.933 | 0.911 | 0.079 | -0.293 | 0.303 | 0.992 | 0.944 | 0.921 |
| 350 | 167 | 0.092 | -0.241 | 0.258 | 0.980 | 0.932 | 0.910 | 0.083 | -0.287 | 0.299 | 0.991 | 0.943 | 0.922 |
| 351 | 168 | 0.096 | -0.263 | 0.280 | 0.980 | 0.934 | 0.908 | 0.087 | -0.306 | 0.318 | 0.992 | 0.942 | 0.917 |
| 352 | 169 | 0.090 | -0.259 | 0.274 | 0.981 | 0.933 | 0.911 | 0.077 | -0.296 | 0.306 | 0.993 | 0.943 | 0.920 |
| 353 | 170 | 0.107 | -0.249 | 0.271 | 0.980 | 0.933 | 0.908 | 0.095 | -0.287 | 0.303 | 0.993 | 0.944 | 0.921 |
| 354 | 171 | 0.110 | -0.262 | 0.284 | 0.979 | 0.933 | 0.905 | 0.100 | -0.304 | 0.320 | 0.990 | 0.946 | 0.917 |
| 355 | 172 | 0.103 | -0.266 | 0.285 | 0.980 | 0.935 | 0.907 | 0.098 | -0.308 | 0.324 | 0.993 | 0.950 | 0.916 |
| 356 | 173 | 0.115 | -0.247 | 0.272 | 0.979 | 0.936 | 0.909 | 0.114 | -0.290 | 0.312 | 0.992 | 0.952 | 0.918 |
| 357 | 174 | 0.117 | -0.221 | 0.250 | 0.979 | 0.937 | 0.916 | 0.118 | -0.272 | 0.297 | 0.993 | 0.955 | 0.923 |
| 358 | 175 | 0.103 | -0.230 | 0.252 | 0.980 | 0.938 | 0.915 | 0.106 | -0.280 | 0.300 | 0.990 | 0.957 | 0.921 |
| 359 | 176 | 0.098 | -0.241 | 0.260 | 0.982 | 0.940 | 0.913 | 0.101 | -0.284 | 0.302 | 0.991 | 0.960 | 0.921 |
| 360 | 177 | 0.092 | -0.229 | 0.247 | 0.984 | 0.940 | 0.917 | 0.100 | -0.272 | 0.290 | 0.991 | 0.961 | 0.925 |
| 361 | 178 | 0.090 | -0.228 | 0.245 | 0.983 | 0.941 | 0.917 | 0.097 | -0.272 | 0.289 | 0.992 | 0.962 | 0.925 |
| 362 | 179 | 0.095 | -0.209 | 0.229 | 0.982 | 0.942 | 0.921 | 0.097 | -0.255 | 0.273 | 0.991 | 0.963 | 0.929 |
| 363 | 180 | 0.101 | -0.211 | 0.233 | 0.981 | 0.943 | 0.922 | 0.104 | -0.248 | 0.269 | 0.991 | 0.962 | 0.929 |
| 364 | 181 | 0.101 | -0.211 | 0.233 | 0.982 | 0.944 | 0.922 | 0.108 | -0.244 | 0.267 | 0.992 | 0.963 | 0.930 |
| 365 | 182 | 0.099 | -0.223 | 0.244 | 0.984 | 0.944 | 0.918 | 0.103 | -0.249 | 0.269 | 0.995 | 0.964 | 0.931 |
| 366 | 183 | 0.095 | -0.230 | 0.249 | 0.982 | 0.945 | 0.916 | 0.100 | -0.254 | 0.272 | 0.993 | 0.966 | 0.930 |
| 367 | 184 | 0.093 | -0.247 | 0.264 | 0.982 | 0.947 | 0.914 | 0.096 | -0.264 | 0.282 | 0.992 | 0.967 | 0.928 |
| 368 | 185 | 0.084 | -0.236 | 0.250 | 0.981 | 0.948 | 0.917 | 0.086 | -0.260 | 0.274 | 0.992 | 0.967 | 0.929 |
| 369 | 186 | 0.074 | -0.224 | 0.236 | 0.982 | 0.949 | 0.922 | 0.081 | -0.246 | 0.259 | 0.993 | 0.968 | 0.934 |
| 370 | 187 | 0.084 | -0.246 | 0.260 | 0.983 | 0.949 | 0.916 | 0.088 | -0.259 | 0.273 | 0.993 | 0.970 | 0.929 |
| 371 | 188 | 0.088 | -0.238 | 0.254 | 0.981 | 0.951 | 0.917 | 0.096 | -0.258 | 0.276 | 0.989 | 0.971 | 0.928 |
| 372 | 189 | 0.091 | -0.256 | 0.272 | 0.980 | 0.952 | 0.913 | 0.100 | -0.272 | 0.289 | 0.990 | 0.972 | 0.925 |
| 373 | 190 | 0.091 | -0.250 | 0.266 | 0.984 | 0.953 | 0.914 | 0.096 | -0.270 | 0.287 | 0.993 | 0.973 | 0.925 |
| 374 | 191 | 0.089 | -0.255 | 0.270 | 0.983 | 0.951 | 0.913 | 0.101 | -0.268 | 0.286 | 0.993 | 0.974 | 0.926 |
| 375 | 192 | 0.098 | -0.250 | 0.268 | 0.983 | 0.951 | 0.914 | 0.104 | -0.258 | 0.278 | 0.992 | 0.975 | 0.929 |
| 376 | 193 | 0.091 | -0.226 | 0.244 | 0.983 | 0.951 | 0.920 | 0.101 | -0.242 | 0.262 | 0.994 | 0.974 | 0.933 |
| 377 | 194 | 0.084 | -0.231 | 0.246 | 0.983 | 0.952 | 0.919 | 0.089 | -0.245 | 0.261 | 0.992 | 0.975 | 0.933 |
| 378 | 195 | 0.087 | -0.208 | 0.225 | 0.984 | 0.955 | 0.925 | 0.094 | -0.224 | 0.243 | 0.994 | 0.975 | 0.938 |
| 379 | 196 | 0.095 | -0.196 | 0.217 | 0.984 | 0.956 | 0.929 | 0.101 | -0.213 | 0.236 | 0.993 | 0.975 | 0.940 |
| 380 | 197 | 0.087 | -0.208 | 0.225 | 0.982 | 0.958 | 0.926 | 0.092 | -0.221 | 0.239 | 0.993 | 0.975 | 0.938 |
| 381 | 198 | 0.090 | -0.219 | 0.237 | 0.983 | 0.960 | 0.924 | 0.094 | -0.228 | 0.247 | 0.991 | 0.975 | 0.936 |
| 382 | 199 | 0.098 | -0.207 | 0.229 | 0.983 | 0.959 | 0.928 | 0.102 | -0.214 | 0.237 | 0.994 | 0.976 | 0.940 |
| 383 | 200 | 0.092 | -0.225 | 0.243 | 0.982 | 0.962 | 0.923 | 0.095 | -0.234 | 0.252 | 0.992 | 0.974 | 0.935 |
| 384 | 201 | 0.095 | -0.242 | 0.260 | 0.982 | 0.963 | 0.917 | 0.095 | -0.244 | 0.262 | 0.993 | 0.974 | 0.932 |
| 385 | 202 | 0.099 | -0.268 | 0.286 | 0.982 | 0.962 | 0.908 | 0.093 | -0.262 | 0.278 | 0.994 | 0.974 | 0.929 |
| 386 | 203 | 0.097 | -0.251 | 0.269 | 0.979 | 0.961 | 0.913 | 0.096 | -0.248 | 0.266 | 0.991 | 0.975 | 0.932 |
| 387 | 204 | 0.090 | -0.270 | 0.285 | 0.980 | 0.962 | 0.906 | 0.091 | -0.264 | 0.279 | 0.993 | 0.974 | 0.929 |
| 388 | 205 | 0.105 | -0.239 | 0.261 | 0.981 | 0.960 | 0.915 | 0.098 | -0.243 | 0.263 | 0.992 | 0.973 | 0.932 |
| 389 | 206 | 0.110 | -0.271 | 0.292 | 0.982 | 0.957 | 0.902 | 0.100 | -0.262 | 0.280 | 0.994 | 0.972 | 0.929 |
| 390 | 207 | 0.099 | -0.258 | 0.276 | 0.981 | 0.957 | 0.909 | 0.092 | -0.263 | 0.279 | 0.992 | 0.970 | 0.928 |
| 391 | 208 | 0.115 | -0.255 | 0.280 | 0.982 | 0.955 | 0.909 | 0.110 | -0.253 | 0.276 | 0.991 | 0.969 | 0.929 |
| 392 | 209 | 0.108 | -0.260 | 0.282 | 0.981 | 0.954 | 0.905 | 0.101 | -0.260 | 0.279 | 0.991 | 0.969 | 0.928 |
| 393 | 210 | 0.108 | -0.256 | 0.278 | 0.982 | 0.953 | 0.905 | 0.099 | -0.257 | 0.275 | 0.994 | 0.968 | 0.929 |
| 394 | 211 | 0.115 | -0.263 | 0.287 | 0.981 | 0.952 | 0.902 | 0.104 | -0.261 | 0.281 | 0.992 | 0.968 | 0.929 |
| 395 | 212 | 0.121 | -0.245 | 0.274 | 0.982 | 0.955 | 0.909 | 0.111 | -0.242 | 0.267 | 0.992 | 0.969 | 0.931 |