

Jsou zadány hodnoty spektrální odraznosti z vrtu - terciérní jíly sokolovské pánve, cyprisové sou  
 Vaším úkolem je vykreslit hloubkovou distribuci hodnot odraznosti v červeném spektrálním pásmu  
 Návod jako spočítat odraznost ve spektrálním pásmu konkrétní barvy (včetně červené) je uveden

| identifikace vzork | hloubka ve vrtu (cm) | vlnová délka (nm) |        |        |        |        |
|--------------------|----------------------|-------------------|--------|--------|--------|--------|
|                    |                      | 400               | 410    | 420    | 430    | 440    |
| 1                  | 401                  | 16.094            | 17.161 | 18.439 | 19.902 | 21.159 |
| 2                  | 406                  | 15.224            | 16.299 | 17.503 | 18.907 | 20.122 |
| 3                  | 416                  | 14.004            | 14.939 | 15.918 | 17.122 | 18.131 |
| 4                  | 426                  | 13.785            | 14.827 | 16.028 | 17.45  | 18.672 |
| 5                  | 436                  | 21.5              | 22.967 | 24.219 | 25.784 | 27.24  |
| 6                  | 446                  | 18.502            | 19.643 | 20.848 | 22.251 | 23.442 |
| 7                  | 456                  | 21.359            | 22.782 | 23.992 | 25.479 | 26.842 |
| 8                  | 466                  | 17.729            | 19.033 | 20.236 | 21.704 | 23.027 |
| 9                  | 476                  | 17.368            | 18.489 | 19.631 | 20.991 | 22.149 |
| 10                 | 486                  | 18.294            | 19.443 | 20.618 | 21.946 | 23.114 |
| 11                 | 506                  | 17.955            | 19.079 | 20.134 | 21.348 | 22.404 |
| 12                 | 516                  | 15.782            | 16.843 | 17.98  | 19.284 | 20.421 |
| 13                 | 526                  | 20.405            | 21.865 | 23.213 | 24.873 | 26.36  |
| 14                 | 536                  | 17.917            | 19.116 | 20.354 | 21.77  | 23     |
| 15                 | 546                  | 17.369            | 18.468 | 19.705 | 21.099 | 22.306 |
| 16                 | 556                  | 14.48             | 15.464 | 16.539 | 17.861 | 19.002 |
| 17                 | 566                  | 18.081            | 19.402 | 20.753 | 22.344 | 23.764 |
| 18                 | 576                  | 20.159            | 21.566 | 22.975 | 24.595 | 26.084 |
| 19                 | 586                  | 16.993            | 18.067 | 19.292 | 20.675 | 21.908 |
| 20                 | 596                  | 18.979            | 20.146 | 21.306 | 22.634 | 23.769 |
| 21                 | 606                  | 16.395            | 17.468 | 18.713 | 20.183 | 21.435 |
| 22                 | 620                  | 9.033             | 9.642  | 10.54  | 11.563 | 12.45  |
| 23                 | 626                  | 13.309            | 14.144 | 15.167 | 16.459 | 17.535 |

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|----|------|--------|--------|--------|--------|--------|
| 24 | 636  | 14.762 | 15.672 | 16.707 | 17.942 | 18.96  |
| 25 | 646  | 11.078 | 11.722 | 12.451 | 13.243 | 13.943 |
| 26 | 656  | 17.224 | 18.231 | 19.222 | 20.416 | 21.427 |
| 27 | 666  | 16.031 | 17.048 | 18.188 | 19.479 | 20.575 |
| 28 | 676  | 11.893 | 12.571 | 13.239 | 14.044 | 14.773 |
| 29 | 686  | 14.328 | 15.21  | 16.174 | 17.406 | 18.384 |
| 30 | 696  | 12.388 | 13.221 | 14.49  | 16.028 | 17.297 |
| 31 | 706  | 12.386 | 13.105 | 13.972 | 15.026 | 15.941 |
| 32 | 716  | 15.828 | 16.885 | 18.292 | 19.905 | 21.244 |
| 33 | 726  | 13.1   | 13.858 | 14.657 | 15.642 | 16.513 |
| 34 | 736  | 13.506 | 14.382 | 15.416 | 16.7   | 17.769 |
| 35 | 746  | 9.803  | 10.417 | 11.373 | 12.585 | 13.632 |
| 36 | 756  | 13.858 | 14.714 | 15.618 | 16.745 | 17.701 |
| 37 | 766  | 19.164 | 20.324 | 21.481 | 22.86  | 24.035 |
| 38 | 776  | 19.234 | 20.532 | 21.696 | 23.119 | 24.39  |
| 39 | 786  | 20.46  | 21.866 | 23.119 | 24.657 | 26.033 |
| 40 | 796  | 20.701 | 22.176 | 23.416 | 24.992 | 26.414 |
| 41 | 806  | 16.507 | 17.599 | 18.777 | 20.09  | 21.287 |
| 42 | 816  | 19.274 | 20.569 | 21.824 | 23.314 | 24.662 |
| 43 | 826  | 15.861 | 16.897 | 17.87  | 19.056 | 20.056 |
| 44 | 836  | 16.611 | 17.583 | 18.559 | 19.812 | 20.805 |
| 45 | 846  | 11.465 | 12.176 | 13.039 | 14.117 | 15.051 |
| 46 | 856  | 10.047 | 10.67  | 11.478 | 12.401 | 13.188 |
| 47 | 866  | 11.4   | 12.089 | 12.877 | 13.823 | 14.669 |
| 48 | 876  | 12.756 | 13.623 | 14.522 | 15.641 | 16.621 |
| 49 | 886  | 13.046 | 13.913 | 14.819 | 15.973 | 16.94  |
| 50 | 896  | 14.931 | 15.921 | 16.917 | 18.125 | 19.159 |
| 51 | 906  | 17.102 | 18.284 | 19.528 | 20.976 | 22.216 |
| 52 | 916  | 16.409 | 17.627 | 18.934 | 20.452 | 21.771 |
| 53 | 926  | 13.826 | 14.877 | 15.913 | 17.256 | 18.41  |
| 54 | 936  | 13.83  | 14.808 | 15.835 | 17.084 | 18.175 |
| 55 | 946  | 14.624 | 15.673 | 16.769 | 18.082 | 19.243 |
| 56 | 956  | 18.004 | 19.247 | 20.522 | 21.971 | 23.26  |
| 57 | 966  | 17.954 | 19.353 | 20.676 | 22.299 | 23.7   |
| 58 | 976  | 16.605 | 17.789 | 19.147 | 20.693 | 22.053 |
| 59 | 986  | 17.476 | 18.727 | 20.105 | 21.675 | 23.151 |
| 60 | 996  | 16.961 | 18.143 | 19.568 | 21.253 | 22.62  |
| 61 | 1006 | 15.718 | 16.814 | 18.04  | 19.447 | 20.609 |
| 62 | 1016 | 13.933 | 15.049 | 16.427 | 17.963 | 19.305 |
| 63 | 1026 | 13.934 | 14.826 | 15.81  | 17.011 | 18.051 |
| 76 | 1036 | 10.859 | 11.503 | 12.256 | 13.22  | 14.05  |
| 64 | 1046 | 9.785  | 10.455 | 11.192 | 12.016 | 12.768 |
| 65 | 1056 | 15.628 | 16.597 | 17.64  | 18.913 | 19.979 |
| 66 | 1065 | 18.064 | 19.232 | 20.511 | 21.968 | 23.216 |
| 67 | 1076 | 16.351 | 17.343 | 18.309 | 19.469 | 20.521 |
| 68 | 1086 | 20.987 | 22.414 | 23.688 | 25.252 | 26.608 |
| 69 | 1096 | 21.496 | 22.94  | 24.18  | 25.735 | 27.108 |
| 70 | 1106 | 23.281 | 24.802 | 26.161 | 27.809 | 29.236 |
| 71 | 1116 | 21.818 | 22.86  | 23.768 | 24.884 | 25.835 |
| 72 | 1126 | 23.992 | 25.527 | 26.797 | 28.456 | 29.839 |
| 73 | 1136 | 24.289 | 25.883 | 27.227 | 29.032 | 30.445 |
| 74 | 1146 | 27.534 | 28.998 | 30.221 | 31.626 | 32.857 |
| 77 | 1152 | 23.064 | 24.424 | 25.524 | 26.911 | 28.16  |
| 75 | 1156 | 21.104 | 22.555 | 23.841 | 25.447 | 26.881 |
| 78 | 1170 | 20.234 | 21.692 | 23.048 | 24.714 | 26.192 |
| 79 | 1176 | 17.43  | 18.622 | 19.879 | 21.338 | 22.572 |
| 80 | 1186 | 18.778 | 20.108 | 21.388 | 22.979 | 24.384 |
| 81 | 1196 | 15.926 | 16.969 | 18.013 | 19.275 | 20.335 |

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|-----|------|--------|--------|--------|--------|--------|
| 82  | 1206 | 17.056 | 18.235 | 19.549 | 21.053 | 22.375 |
| 83  | 1216 | 17.632 | 18.855 | 20.144 | 21.704 | 23.081 |
| 84  | 1226 | 19.928 | 21.379 | 22.824 | 24.493 | 26.058 |
| 85  | 1233 | 11.134 | 11.825 | 12.428 | 13.074 | 13.69  |
| 86  | 1236 | 18.871 | 20.088 | 21.244 | 22.669 | 23.939 |
| 87  | 1246 | 15.046 | 16.15  | 17.331 | 18.722 | 19.909 |
| 88  | 1256 | 14.556 | 15.544 | 16.571 | 17.804 | 18.873 |
| 89  | 1266 | 10.114 | 10.821 | 11.639 | 12.524 | 13.327 |
| 90  | 1276 | 8.527  | 9.105  | 9.744  | 10.573 | 11.293 |
| 91  | 1286 | 13.419 | 14.292 | 15.181 | 16.279 | 17.225 |
| 92  | 1296 | 12.852 | 13.659 | 14.606 | 15.735 | 16.723 |
| 93  | 1306 | 20.248 | 21.564 | 22.735 | 24.208 | 25.479 |
| 94  | 1316 | 21.295 | 22.642 | 23.831 | 25.341 | 26.659 |
| 95  | 1326 | 20.755 | 22.229 | 23.571 | 25.226 | 26.676 |
| 96  | 1336 | 21.06  | 22.429 | 23.676 | 25.209 | 26.564 |
| 97  | 1346 | 24.374 | 25.609 | 26.504 | 27.67  | 28.734 |
| 98  | 1356 | 21.653 | 23.03  | 24.175 | 25.591 | 26.871 |
| 99  | 1366 | 21.957 | 23.375 | 24.575 | 26.006 | 27.314 |
| 100 | 1376 | 20.78  | 22.125 | 23.276 | 24.676 | 25.928 |
| 101 | 1386 | 19.138 | 20.5   | 21.715 | 23.222 | 24.519 |
| 102 | 1396 | 18.371 | 19.55  | 20.698 | 22.069 | 23.236 |
| 103 | 1406 | 20.146 | 21.545 | 22.797 | 24.363 | 25.762 |
| 104 | 1416 | 20.132 | 21.484 | 22.636 | 24.111 | 25.384 |
| 105 | 1426 | 25.314 | 26.741 | 27.883 | 29.478 | 30.69  |
| 106 | 1436 | 19.92  | 21.233 | 22.366 | 23.768 | 25.039 |
| 107 | 1446 | 19.496 | 20.704 | 21.796 | 23.117 | 24.245 |
| 108 | 1456 | 20.026 | 21.312 | 22.374 | 23.656 | 24.841 |
| 109 | 1466 | 22.846 | 24.359 | 25.71  | 27.334 | 28.795 |
| 110 | 1476 | 20.587 | 22.042 | 23.367 | 24.99  | 26.45  |
| 111 | 1486 | 19.412 | 20.829 | 22.176 | 23.807 | 25.335 |
| 112 | 1496 | 22.119 | 23.282 | 24.166 | 25.35  | 26.423 |
| 113 | 1506 | 19.191 | 20.429 | 21.516 | 22.793 | 23.887 |
| 114 | 1516 | 19.183 | 20.392 | 21.531 | 22.857 | 24.043 |
| 115 | 1526 | 19.981 | 21.29  | 22.468 | 23.924 | 25.251 |
| 116 | 1536 | 15.252 | 16.258 | 17.339 | 18.585 | 19.734 |
| 117 | 1546 | 13.373 | 14.183 | 14.931 | 15.904 | 16.764 |
| 118 | 1556 | 19.275 | 20.667 | 21.97  | 23.556 | 24.963 |
| 119 | 1566 | 19.534 | 20.931 | 22.258 | 23.919 | 25.375 |
| 120 | 1576 | 20.94  | 22.296 | 23.562 | 25.068 | 26.438 |
| 121 | 1586 | 19.129 | 20.43  | 21.707 | 23.273 | 24.654 |
| 122 | 1596 | 22.45  | 23.803 | 24.972 | 26.488 | 27.774 |
| 123 | 1606 | 23.658 | 25.16  | 26.476 | 28.185 | 29.57  |
| 124 | 1616 | 19.479 | 20.796 | 21.937 | 23.392 | 24.626 |
| 125 | 1626 | 19.765 | 21.121 | 22.408 | 23.969 | 25.37  |
| 126 | 1636 | 17.793 | 18.945 | 20.21  | 21.662 | 22.915 |
| 127 | 1646 | 15.381 | 16.501 | 17.812 | 19.285 | 20.573 |
| 128 | 1656 | 13.657 | 14.598 | 15.705 | 17.077 | 18.207 |
| 129 | 1666 | 18.798 | 20.156 | 21.474 | 23.068 | 24.494 |
| 130 | 1676 | 14.608 | 15.687 | 16.875 | 18.275 | 19.483 |
| 131 | 1686 | 17.37  | 18.568 | 19.913 | 21.474 | 22.778 |
| 132 | 1696 | 16.576 | 17.747 | 19.068 | 20.685 | 21.987 |
| 133 | 1706 | 15.3   | 16.402 | 17.71  | 19.246 | 20.551 |
| 134 | 1716 | 11.848 | 12.578 | 13.249 | 14.127 | 14.875 |
| 135 | 1726 | 16.355 | 17.486 | 18.829 | 20.328 | 21.641 |
| 136 | 1736 | 17.573 | 18.8   | 20.184 | 21.759 | 23.115 |
| 137 | 1746 | 16.611 | 17.741 | 19.124 | 20.704 | 22.035 |
| 138 | 1756 | 16.418 | 17.486 | 18.712 | 20.111 | 21.305 |
| 139 | 1766 | 22.527 | 23.993 | 25.234 | 26.828 | 28.248 |

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|-----|------|--------|--------|--------|--------|--------|
| 140 | 1776 | 20.575 | 21.936 | 23.174 | 24.743 | 26.134 |
| 142 | 1782 | 21.217 | 22.631 | 23.9   | 25.48  | 26.877 |
| 141 | 1786 | 20.557 | 21.976 | 23.33  | 25.021 | 26.513 |
| 143 | 1796 | 20.1   | 21.489 | 22.838 | 24.484 | 25.953 |
| 144 | 1798 | 17.802 | 19.096 | 20.412 | 21.977 | 23.385 |
| 145 | 1806 | 20.461 | 21.933 | 23.277 | 24.957 | 26.45  |
| 146 | 1816 | 16.843 | 17.898 | 19.047 | 20.429 | 21.557 |
| 147 | 1826 | 19.701 | 20.954 | 22.189 | 23.666 | 24.971 |
| 148 | 1836 | 16.621 | 17.738 | 19.07  | 20.546 | 21.855 |
| 149 | 1846 | 15.845 | 16.96  | 18.335 | 19.904 | 21.206 |
| 150 | 1856 | 14.178 | 15.005 | 15.962 | 17.114 | 18.121 |
| 151 | 1866 | 12.825 | 13.713 | 14.699 | 15.939 | 16.962 |
| 152 | 1876 | 18.744 | 20.112 | 21.443 | 23.061 | 24.504 |
| 153 | 1886 | 13.287 | 14.145 | 15.351 | 16.854 | 18.096 |
| 154 | 1896 | 18.731 | 20.026 | 21.333 | 22.847 | 24.233 |
| 155 | 1906 | 19.963 | 21.334 | 22.575 | 24.167 | 25.547 |
| 156 | 1916 | 19.146 | 20.411 | 21.571 | 22.978 | 24.205 |
| 157 | 1926 | 14.298 | 15.213 | 16.29  | 17.639 | 18.756 |
| 158 | 1936 | 14.533 | 15.45  | 16.444 | 17.666 | 18.724 |
| 159 | 1946 | 10.279 | 10.981 | 12.009 | 13.275 | 14.368 |
| 160 | 1956 | 13.131 | 14.075 | 15.202 | 16.633 | 17.834 |
| 161 | 1966 | 17.541 | 18.816 | 20.209 | 21.872 | 23.354 |
| 162 | 1976 | 14.126 | 15.019 | 16.129 | 17.503 | 18.625 |
| 163 | 1986 | 15.315 | 16.452 | 17.896 | 19.529 | 20.941 |
| 164 | 1996 | 18.746 | 20.039 | 21.372 | 22.964 | 24.401 |
| 165 | 2006 | 13.347 | 14.216 | 15.444 | 16.963 | 18.216 |
| 166 | 2016 | 11.553 | 12.46  | 13.861 | 15.647 | 17.092 |
| 167 | 2026 | 14.917 | 15.934 | 17.535 | 19.369 | 20.899 |
| 168 | 2036 | 16.453 | 17.452 | 18.784 | 20.369 | 21.651 |
| 169 | 2046 | 17.882 | 19.122 | 20.389 | 21.907 | 23.268 |
| 170 | 2056 | 20.909 | 22.2   | 23.576 | 25.211 | 26.697 |
| 171 | 2066 | 15.576 | 16.58  | 18.292 | 20.304 | 21.906 |
| 172 | 2076 | 16.076 | 17.076 | 18.225 | 19.659 | 20.832 |
| 173 | 2086 | 14.369 | 15.346 | 16.814 | 18.49  | 19.891 |
| 174 | 2096 | 19.266 | 20.555 | 21.918 | 23.638 | 25.135 |
| 175 | 2106 | 18.299 | 19.523 | 21.012 | 22.86  | 24.461 |
| 178 | 2116 | 17.158 | 18.269 | 19.616 | 21.068 | 22.363 |
| 179 | 2126 | 17.046 | 18.195 | 19.555 | 21.18  | 22.576 |
| 180 | 2136 | 18.191 | 19.374 | 20.82  | 22.535 | 24.026 |
| 181 | 2146 | 16.328 | 17.414 | 18.827 | 20.461 | 21.844 |
| 182 | 2156 | 16.341 | 17.458 | 18.783 | 20.287 | 21.596 |
| 183 | 2166 | 18.752 | 20.142 | 21.43  | 23.039 | 24.43  |
| 184 | 2176 | 21.82  | 23.338 | 24.74  | 26.539 | 28.105 |
| 185 | 2186 | 20.735 | 22.2   | 23.597 | 25.302 | 26.789 |
| 186 | 2196 | 21.689 | 23.189 | 24.53  | 26.258 | 27.756 |
| 187 | 2206 | 24.544 | 26.19  | 27.634 | 29.524 | 31.017 |
| 188 | 2216 | 22.989 | 24.543 | 25.981 | 27.825 | 29.281 |
| 189 | 2226 | 24.71  | 26.279 | 27.704 | 29.504 | 30.963 |
| 190 | 2236 | 22.737 | 24.253 | 25.62  | 27.303 | 28.779 |
| 191 | 2246 | 21.975 | 23.456 | 24.735 | 26.393 | 27.829 |
| 192 | 2256 | 17.164 | 18.393 | 19.814 | 21.478 | 22.962 |
| 193 | 2266 | 22.927 | 24.491 | 25.981 | 27.935 | 29.459 |
| 194 | 2276 | 18.041 | 19.289 | 20.869 | 22.818 | 24.441 |
| 195 | 2286 | 20.458 | 21.84  | 23.31  | 25.105 | 26.719 |
| 196 | 2296 | 13.458 | 14.33  | 15.806 | 17.54  | 18.978 |
| 197 | 2306 | 17.896 | 19.141 | 20.452 | 21.98  | 23.359 |
| 198 | 2316 | 21.534 | 22.934 | 24.353 | 26.007 | 27.514 |
| 199 | 2326 | 24.44  | 26.052 | 27.491 | 29.422 | 30.909 |

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|-----|------|--------|--------|--------|--------|--------|
| 200 | 2336 | 20.266 | 21.614 | 22.901 | 24.506 | 25.933 |
| 201 | 2346 | 13.206 | 14.06  | 15.402 | 16.937 | 18.258 |
| 202 | 2356 | 18.661 | 19.988 | 21.281 | 22.791 | 24.164 |
| 203 | 2366 | 15.438 | 16.428 | 17.63  | 19.046 | 20.278 |
| 204 | 2376 | 16.303 | 17.386 | 19.004 | 20.961 | 22.626 |
| 205 | 2386 | 16.381 | 17.527 | 19.028 | 20.719 | 22.199 |
| 206 | 2396 | 20.509 | 21.834 | 23.156 | 24.821 | 26.243 |
| 207 | 2406 | 17.439 | 18.486 | 19.671 | 21.013 | 22.195 |
| 208 | 2416 | 14.432 | 15.398 | 16.601 | 18.024 | 19.238 |
| 209 | 2426 | 18.492 | 19.739 | 21.035 | 22.558 | 23.89  |
| 210 | 2436 | 17.009 | 18.235 | 19.708 | 21.423 | 22.929 |
| 211 | 2446 | 19.316 | 20.699 | 22.166 | 23.952 | 25.5   |
| 212 | 2456 | 14.709 | 15.753 | 17.169 | 18.871 | 20.28  |
| 213 | 2466 | 15.135 | 16.136 | 17.524 | 19.125 | 20.463 |
| 214 | 2476 | 18.103 | 19.347 | 20.723 | 22.366 | 23.76  |
| 215 | 2486 | 15.274 | 16.325 | 17.76  | 19.448 | 20.868 |
| 216 | 2496 | 17.617 | 18.815 | 20.297 | 22.033 | 23.521 |
| 217 | 2506 | 18.386 | 19.657 | 21.118 | 22.818 | 24.332 |
| 218 | 2516 | 23.469 | 24.963 | 26.343 | 28.109 | 29.522 |
| 219 | 2526 | 17.473 | 18.64  | 20.037 | 21.685 | 23.115 |
| 220 | 2536 | 17.228 | 18.369 | 19.589 | 20.985 | 22.183 |
| 221 | 2546 | 20.765 | 22.178 | 23.481 | 25.032 | 26.476 |
| 222 | 2556 | 20.185 | 21.587 | 22.918 | 24.436 | 25.839 |
| 223 | 2566 | 20.313 | 21.679 | 22.854 | 24.348 | 25.65  |
| 224 | 2576 | 16.49  | 17.545 | 18.996 | 20.776 | 22.217 |
| 225 | 2586 | 15.086 | 16.121 | 17.656 | 19.452 | 20.903 |
| 226 | 2596 | 21.393 | 22.832 | 24.352 | 26.172 | 27.771 |
| 227 | 2606 | 15.296 | 16.265 | 17.479 | 18.974 | 20.226 |
| 228 | 2616 | 14.661 | 15.737 | 17.019 | 18.514 | 19.818 |
| 229 | 2626 | 15.295 | 16.331 | 17.654 | 19.183 | 20.491 |
| 230 | 2636 | 17.911 | 19.049 | 20.329 | 21.77  | 22.996 |
| 231 | 2646 | 14.071 | 15.058 | 16.463 | 18.134 | 19.555 |
| 232 | 2656 | 12.918 | 13.841 | 14.981 | 16.432 | 17.588 |
| 233 | 2666 | 12.963 | 13.885 | 15.297 | 17.011 | 18.45  |
| 234 | 2676 | 9.197  | 9.817  | 10.811 | 12.042 | 13.051 |
| 235 | 2686 | 11.645 | 12.473 | 13.835 | 15.589 | 17.049 |
| 236 | 2696 | 19.006 | 20.349 | 21.643 | 23.219 | 24.614 |
| 237 | 2706 | 20.862 | 22.205 | 23.392 | 24.755 | 25.989 |
| 238 | 2716 | 18.249 | 19.534 | 21.051 | 22.84  | 24.392 |
| 239 | 2726 | 13.803 | 14.784 | 15.939 | 17.357 | 18.557 |
| 240 | 2736 | 20.113 | 21.45  | 22.703 | 24.222 | 25.566 |
| 241 | 2746 | 18.838 | 19.989 | 21.181 | 22.663 | 23.921 |
| 242 | 2756 | 16.306 | 17.378 | 18.754 | 20.309 | 21.648 |
| 243 | 2766 | 17.649 | 18.753 | 20.092 | 21.648 | 22.937 |
| 244 | 2776 | 14.312 | 15.249 | 16.343 | 17.671 | 18.779 |
| 245 | 2786 | 14.664 | 15.713 | 17.013 | 18.508 | 19.745 |
| 246 | 2796 | 14.287 | 15.311 | 16.663 | 18.224 | 19.508 |
| 247 | 2806 | 13.4   | 14.265 | 15.294 | 16.562 | 17.611 |
| 248 | 2816 | 15.185 | 16.242 | 17.542 | 18.987 | 20.256 |
| 249 | 2826 | 13.291 | 14.24  | 15.429 | 16.837 | 18.046 |
| 250 | 2836 | 13.286 | 14.103 | 15.047 | 16.159 | 17.127 |
| 251 | 2846 | 10.49  | 11.252 | 12.268 | 13.505 | 14.565 |
| 252 | 2856 | 16.409 | 17.544 | 19.09  | 20.815 | 22.215 |
| 253 | 2866 | 10.845 | 11.592 | 12.563 | 13.711 | 14.732 |
| 254 | 2876 | 15.785 | 16.824 | 18.263 | 19.832 | 21.14  |
| 256 | 2886 | 14.505 | 15.476 | 16.828 | 18.43  | 19.744 |
| 257 | 2896 | 10.456 | 11.203 | 12.425 | 13.896 | 15.148 |
| 258 | 2906 | 10.646 | 11.374 | 12.576 | 14.035 | 15.278 |

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|-----|------|--------|--------|--------|--------|--------|
| 259 | 2916 | 14.034 | 15.038 | 16.564 | 18.388 | 19.859 |
| 260 | 2926 | 20.089 | 21.514 | 22.746 | 24.321 | 25.647 |
| 261 | 2936 | 18.163 | 19.414 | 20.926 | 22.744 | 24.243 |
| 255 | 2946 | 22.299 | 23.767 | 25.189 | 26.995 | 28.498 |
| 262 | 2956 | 25.606 | 27.188 | 28.9   | 30.797 | 32.332 |
| 263 | 2966 | 18.009 | 19.081 | 20.207 | 21.512 | 22.615 |
| 264 | 2976 | 22.93  | 24.46  | 25.978 | 27.846 | 29.35  |
| 265 | 2986 | 24.374 | 25.96  | 27.37  | 29.161 | 30.569 |
| 266 | 2996 | 27.457 | 29.133 | 30.728 | 32.525 | 33.997 |
| 267 | 3006 | 29.366 | 31.151 | 32.93  | 34.845 | 36.446 |
| 268 | 3016 | 29.465 | 31.251 | 32.968 | 34.91  | 36.509 |
| 269 | 3026 | 29.338 | 31.152 | 32.837 | 34.762 | 36.339 |
| 270 | 3036 | 27.549 | 29.215 | 30.71  | 32.454 | 33.914 |
| 271 | 3046 | 25.596 | 27.335 | 28.917 | 30.787 | 32.322 |
| 272 | 3056 | 29.688 | 31.404 | 33.045 | 34.916 | 36.418 |
| 273 | 3066 | 24.9   | 26.409 | 27.662 | 29.415 | 30.78  |
| 274 | 3076 | 27.354 | 28.97  | 30.507 | 32.273 | 33.703 |
| 275 | 3086 | 31.252 | 32.949 | 34.545 | 36.358 | 37.854 |
| 276 | 3096 | 29.832 | 31.427 | 32.964 | 34.662 | 36.084 |
| 277 | 3106 | 30.341 | 32.154 | 33.95  | 35.925 | 37.571 |
| 279 | 3116 | 27.881 | 29.615 | 31.282 | 33.143 | 34.683 |
| 278 | 3116 | 25.605 | 27.369 | 29.062 | 30.986 | 32.583 |
| 280 | 3126 | 22.565 | 24.099 | 25.523 | 27.298 | 28.793 |
| 281 | 3136 | 21.78  | 23.227 | 24.565 | 26.271 | 27.715 |
| 282 | 3146 | 20.442 | 21.834 | 23.173 | 24.804 | 26.258 |
| 283 | 3156 | 15.706 | 16.764 | 17.955 | 19.299 | 20.452 |
| 284 | 3166 | 18.754 | 20.134 | 21.594 | 23.328 | 24.853 |
| 285 | 3176 | 21.002 | 22.418 | 23.805 | 25.517 | 27.04  |
| 286 | 3186 | 21.15  | 22.527 | 23.946 | 25.686 | 27.184 |
| 287 | 3196 | 20.276 | 21.628 | 22.982 | 24.598 | 26.009 |
| 288 | 3206 | 17.755 | 18.797 | 19.963 | 21.446 | 22.604 |
| 289 | 3216 | 25.689 | 27.319 | 28.91  | 30.777 | 32.25  |
| 290 | 3226 | 20.825 | 22.155 | 23.598 | 25.331 | 26.822 |
| 291 | 3236 | 20.015 | 21.294 | 22.595 | 24.191 | 25.536 |
| 292 | 3246 | 21.206 | 22.513 | 23.922 | 25.615 | 27.066 |
| 293 | 3256 | 16.567 | 17.618 | 18.925 | 20.377 | 21.61  |
| 294 | 3266 | 19.927 | 21.264 | 22.712 | 24.425 | 25.916 |
| 295 | 3276 | 16.076 | 17.082 | 18.903 | 20.97  | 22.613 |
| 296 | 3286 | 17.544 | 18.704 | 20.147 | 21.804 | 23.117 |
| 297 | 3296 | 15.153 | 16.124 | 17.368 | 18.762 | 19.994 |
| 298 | 3306 | 16.777 | 17.745 | 19.122 | 20.732 | 22.031 |
| 299 | 3316 | 15.837 | 16.831 | 18.384 | 20.149 | 21.587 |
| 300 | 3326 | 11.9   | 12.689 | 13.764 | 15.108 | 16.177 |
| 301 | 3336 | 19.016 | 20.27  | 21.972 | 24.056 | 25.742 |
| 302 | 3346 | 21.262 | 22.648 | 23.974 | 25.605 | 27.013 |
| 303 | 3356 | 17.41  | 18.492 | 19.679 | 21.034 | 22.163 |
| 304 | 3366 | 12.646 | 13.447 | 14.628 | 16.071 | 17.221 |
| 305 | 3376 | 16.553 | 17.575 | 18.852 | 20.246 | 21.446 |
| 306 | 3386 | 14.608 | 15.578 | 16.729 | 18.151 | 19.274 |
| 307 | 3396 | 11.762 | 12.51  | 13.557 | 14.787 | 15.84  |
| 308 | 3406 | 18.743 | 20.061 | 21.612 | 23.382 | 24.891 |
| 309 | 3416 | 16.752 | 17.897 | 19.364 | 20.956 | 22.293 |
| 310 | 3426 | 20.247 | 21.619 | 23.096 | 24.869 | 26.374 |
| 311 | 3436 | 13.836 | 14.874 | 16.408 | 18.209 | 19.668 |
| 312 | 3446 | 22.577 | 24.049 | 25.538 | 27.336 | 28.889 |
| 313 | 3456 | 17.742 | 19.009 | 20.604 | 22.457 | 24.006 |
| 314 | 3466 | 18.09  | 19.386 | 20.96  | 22.841 | 24.4   |
| 315 | 3476 | 19.409 | 20.668 | 21.944 | 23.415 | 24.73  |

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|-----|------|--------|--------|--------|--------|--------|
| 316 | 3486 | 11.742 | 12.516 | 13.746 | 15.266 | 16.49  |
| 317 | 3496 | 25.788 | 27.46  | 29.044 | 30.828 | 32.269 |
| 318 | 3506 | 18.562 | 19.836 | 21.182 | 22.782 | 24.129 |
| 319 | 3516 | 9.052  | 9.698  | 10.796 | 12.06  | 13.08  |
| 320 | 3526 | 12.444 | 13.292 | 14.615 | 16.259 | 17.572 |
| 321 | 3536 | 14.22  | 15.157 | 16.576 | 18.267 | 19.643 |
| 322 | 3546 | 18.754 | 20.061 | 21.567 | 23.308 | 24.814 |
| 323 | 3556 | 9.02   | 9.638  | 10.72  | 12.069 | 13.092 |
| 324 | 3566 | 18.164 | 19.376 | 20.828 | 22.528 | 23.982 |
| 325 | 3576 | 10.161 | 10.817 | 11.922 | 13.371 | 14.516 |
| 326 | 3586 | 21.516 | 22.819 | 24.213 | 25.908 | 27.326 |
| 327 | 3596 | 20.595 | 21.897 | 23.145 | 24.617 | 25.911 |
| 328 | 3606 | 15.464 | 16.463 | 17.586 | 18.96  | 20.06  |
| 329 | 3616 | 10.763 | 11.499 | 12.663 | 14.109 | 15.317 |
| 330 | 3626 | 18.8   | 20.006 | 21.429 | 23.058 | 24.483 |
| 331 | 3636 | 14.923 | 15.957 | 17.504 | 19.328 | 20.773 |
| 332 | 3646 | 13.468 | 14.412 | 15.846 | 17.546 | 18.904 |
| 333 | 3656 | 20.06  | 21.47  | 22.871 | 24.524 | 25.994 |
| 334 | 3666 | 17.216 | 18.466 | 20.236 | 22.286 | 24.03  |
| 335 | 3676 | 20.342 | 21.669 | 22.984 | 24.506 | 25.896 |
| 336 | 3686 | 13.856 | 14.827 | 16.155 | 17.731 | 19.001 |
| 337 | 3696 | 18.346 | 19.528 | 20.942 | 22.545 | 23.972 |
| 338 | 3706 | 27.212 | 28.802 | 30.302 | 32.026 | 33.461 |
| 339 | 3716 | 29.126 | 30.805 | 32.456 | 34.318 | 35.831 |
| 340 | 3726 | 27.129 | 28.788 | 30.461 | 32.332 | 33.854 |
| 341 | 3736 | 25.02  | 26.491 | 27.873 | 29.637 | 31.008 |
| 342 | 3746 | 24.408 | 25.96  | 27.412 | 29.234 | 30.656 |
| 343 | 3756 | 24.275 | 25.777 | 27.272 | 29.154 | 30.632 |
| 344 | 3766 | 28.924 | 30.559 | 32.16  | 33.918 | 35.379 |
| 345 | 3776 | 28.258 | 29.912 | 31.586 | 33.452 | 34.998 |
| 346 | 3786 | 26.644 | 28.242 | 29.844 | 31.703 | 33.207 |
| 347 | 3796 | 28.088 | 29.728 | 31.33  | 33.137 | 34.636 |
| 348 | 3806 | 18.623 | 19.363 | 19.933 | 20.649 | 21.2   |
| 349 | 3816 | 21.844 | 23.375 | 25.068 | 27.09  | 28.75  |
| 350 | 3826 | 30.75  | 32.384 | 33.999 | 35.87  | 37.37  |
| 351 | 3836 | 26.483 | 28.153 | 29.975 | 31.932 | 33.548 |
| 352 | 3846 | 24.527 | 26.089 | 27.788 | 29.824 | 31.41  |
| 353 | 3856 | 28.064 | 29.696 | 31.409 | 33.365 | 34.913 |
| 354 | 3866 | 23.536 | 25.028 | 26.657 | 28.678 | 30.248 |
| 355 | 3876 | 28.623 | 30.358 | 32.201 | 34.33  | 36.039 |
| 356 | 3886 | 26.463 | 28.165 | 29.878 | 31.787 | 33.342 |
| 357 | 3896 | 25.333 | 26.946 | 28.767 | 30.688 | 32.32  |
| 358 | 3906 | 27.06  | 28.663 | 30.498 | 32.536 | 34.162 |
| 359 | 3916 | 27.168 | 28.85  | 30.549 | 32.467 | 33.981 |
| 360 | 3926 | 27.178 | 28.853 | 30.551 | 32.474 | 34.05  |
| 361 | 3936 | 29.04  | 30.799 | 32.715 | 34.813 | 36.489 |
| 362 | 3946 | 23.916 | 25.562 | 27.408 | 29.432 | 31.097 |
| 363 | 3956 | 18.359 | 19.544 | 21.541 | 23.921 | 25.86  |
| 364 | 3966 | 19.656 | 21.016 | 22.619 | 24.68  | 26.339 |
| 365 | 3976 | 22.991 | 24.524 | 26.263 | 28.417 | 30.091 |
| 366 | 3986 | 14.233 | 15.208 | 17.116 | 19.301 | 21.07  |
| 367 | 3996 | 21.587 | 22.902 | 24.419 | 26.205 | 27.774 |
| 368 | 4006 | 23.574 | 25.139 | 26.628 | 28.526 | 30.022 |
| 369 | 4016 | 18.052 | 19.275 | 20.882 | 22.769 | 24.364 |
| 370 | 4026 | 28.65  | 30.333 | 32.195 | 34.201 | 35.863 |
| 371 | 4036 | 16.896 | 18.121 | 19.65  | 21.478 | 23.05  |
| 372 | 4046 | 24.955 | 26.531 | 28.266 | 30.209 | 31.803 |
| 373 | 4056 | 26.134 | 27.663 | 29.439 | 31.477 | 33.086 |

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|-----|------|--------|--------|--------|--------|--------|
| 374 | 4066 | 21.337 | 22.756 | 24.452 | 26.508 | 28.211 |
| 375 | 4076 | 25.013 | 26.611 | 28.468 | 30.539 | 32.195 |
| 376 | 4086 | 18.179 | 19.398 | 21.006 | 22.937 | 24.561 |
| 377 | 4096 | 21.929 | 23.282 | 24.951 | 27.142 | 28.772 |
| 378 | 4106 | 23.091 | 24.569 | 26.456 | 28.787 | 30.556 |
| 379 | 4116 | 27.088 | 28.71  | 30.473 | 32.417 | 33.979 |
| 380 | 4126 | 22.819 | 24.321 | 25.934 | 28.008 | 29.559 |
| 381 | 4136 | 30.266 | 31.917 | 33.561 | 35.291 | 36.736 |
| 382 | 4146 | 27.156 | 28.834 | 30.313 | 32.102 | 33.475 |
| 383 | 4156 | 23.336 | 24.919 | 26.234 | 28.023 | 29.359 |
| 384 | 4166 | 23.251 | 24.728 | 26.274 | 28.197 | 29.677 |
| 385 | 4176 | 19.781 | 21.156 | 22.546 | 24.264 | 25.743 |
| 386 | 4186 | 27.393 | 29.069 | 30.782 | 32.715 | 34.287 |
| 387 | 4196 | 22.568 | 24.022 | 25.663 | 27.554 | 29.288 |
| 388 | 4206 | 26.65  | 28.34  | 30.137 | 32.028 | 33.614 |
| 389 | 4216 | 28.403 | 30.139 | 32.023 | 34.118 | 35.836 |
| 390 | 4226 | 24.886 | 26.472 | 28.042 | 30.156 | 31.709 |
| 391 | 4236 | 24.835 | 26.374 | 27.806 | 29.781 | 31.261 |
| 392 | 4246 | 22.522 | 23.955 | 25.626 | 27.588 | 29.259 |
| 393 | 4256 | 17.176 | 18.273 | 19.99  | 21.972 | 23.594 |
| 394 | 4266 | 22.792 | 24.231 | 25.78  | 27.792 | 29.458 |
| 395 | 4276 | 20.891 | 22.236 | 24.025 | 26.171 | 27.995 |
| 396 | 4286 | 17.265 | 18.373 | 19.91  | 21.61  | 23.019 |
| 397 | 4296 | 17.266 | 18.439 | 20.196 | 22.127 | 23.747 |
| 398 | 4306 | 21.358 | 22.762 | 24.103 | 25.774 | 27.257 |
| 399 | 4316 | 18.817 | 20.098 | 21.481 | 23.112 | 24.522 |
| 400 | 4326 | 21.18  | 22.602 | 23.983 | 25.694 | 27.181 |
| 401 | 4336 | 18.329 | 19.586 | 20.881 | 22.401 | 23.746 |
| 402 | 4346 | 26.333 | 27.886 | 29.275 | 31.065 | 32.444 |
| 403 | 4356 | 26.128 | 27.722 | 29.091 | 30.917 | 32.296 |
| 404 | 4366 | 28.537 | 30.08  | 31.464 | 33.104 | 34.374 |
| 405 | 4376 | 24.617 | 26.057 | 27.452 | 29.19  | 30.645 |
| 406 | 4386 | 27.276 | 28.803 | 30.07  | 31.88  | 33.141 |
| 407 | 4396 | 26.089 | 27.59  | 28.88  | 30.622 | 31.896 |
| 408 | 4406 | 27.87  | 29.353 | 30.675 | 32.353 | 33.661 |
| 409 | 4416 | 29.063 | 30.577 | 31.955 | 33.607 | 34.9   |
| 410 | 4426 | 26.847 | 28.183 | 29.369 | 30.869 | 32.091 |
| 411 | 4436 | 29.314 | 30.798 | 32.245 | 33.908 | 35.275 |
| 412 | 4446 | 27.374 | 28.849 | 30.116 | 31.84  | 33.119 |
| 413 | 4456 | 29.898 | 31.387 | 32.718 | 34.288 | 35.544 |
| 414 | 4466 | 31.863 | 33.372 | 34.912 | 36.708 | 38.087 |
| 415 | 4476 | 27.976 | 29.48  | 30.854 | 32.618 | 33.972 |
| 416 | 4486 | 27.339 | 28.911 | 30.211 | 32.039 | 33.374 |
| 417 | 4496 | 27.451 | 29.049 | 30.463 | 32.267 | 33.634 |
| 418 | 4506 | 32.14  | 33.795 | 35.39  | 37.261 | 38.728 |
| 419 | 4516 | 31.27  | 32.819 | 34.315 | 36.09  | 37.464 |
| 420 | 4526 | 32.207 | 33.769 | 35.244 | 36.951 | 38.28  |
| 421 | 4536 | 32.897 | 34.467 | 36.042 | 37.777 | 39.15  |
| 422 | 4546 | 32.768 | 34.379 | 35.964 | 37.795 | 39.227 |
| 423 | 4556 | 30.711 | 32.237 | 33.865 | 35.779 | 37.25  |
| 424 | 4566 | 28.839 | 30.457 | 31.898 | 33.612 | 34.98  |
| 425 | 4576 | 27.137 | 28.601 | 30.087 | 31.955 | 33.29  |
| 426 | 4586 | 24.988 | 26.507 | 27.847 | 29.646 | 31.002 |
| 427 | 4596 | 31.75  | 33.397 | 34.986 | 36.904 | 38.372 |
| 428 | 4606 | 33.551 | 35.196 | 36.872 | 38.812 | 40.297 |
| 429 | 4616 | 33.332 | 35.071 | 36.794 | 38.735 | 40.273 |
| 430 | 4626 | 32.193 | 33.875 | 35.603 | 37.658 | 39.25  |
| 431 | 4636 | 32.231 | 33.953 | 35.761 | 37.818 | 39.408 |



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|-----|------|--------|--------|--------|--------|--------|
| 432 | 4646 | 30.224 | 31.994 | 33.764 | 35.797 | 37.368 |
| 433 | 4656 | 29.708 | 31.345 | 33.164 | 35.172 | 36.748 |
| 434 | 4666 | 29.846 | 31.437 | 33.215 | 35.182 | 36.76  |
| 435 | 4676 | 30.435 | 32.191 | 33.965 | 35.991 | 37.549 |
| 436 | 4686 | 30.962 | 32.691 | 34.489 | 36.591 | 38.202 |
| 437 | 4696 | 31.189 | 32.958 | 34.821 | 36.941 | 38.615 |
| 438 | 4706 | 29.708 | 31.361 | 33.286 | 35.389 | 37.101 |
| 439 | 4716 | 21.022 | 22.373 | 24.275 | 26.674 | 28.525 |
| 440 | 4726 | 28.326 | 30.01  | 31.763 | 33.657 | 35.172 |
| 441 | 4736 | 19.24  | 20.485 | 22.022 | 23.793 | 25.33  |
| 442 | 4744 | 20.327 | 21.706 | 23.484 | 25.558 | 27.321 |
| 443 | 4754 | 19.16  | 20.482 | 22.176 | 24.169 | 25.776 |
| 444 | 4766 | 18.19  | 19.48  | 21.153 | 23.107 | 24.739 |
| 445 | 4776 | 21.744 | 23.152 | 24.942 | 26.963 | 28.753 |
| 446 | 4786 | 18.93  | 20.144 | 21.947 | 23.923 | 25.619 |
| 447 | 4796 | 18.319 | 19.518 | 21.029 | 22.764 | 24.284 |
| 448 | 4806 | 21.171 | 22.576 | 23.956 | 25.565 | 27.018 |
| 449 | 4816 | 21.37  | 22.833 | 24.235 | 25.814 | 27.259 |
| 450 | 4826 | 25.635 | 27.037 | 28.373 | 30.046 | 31.438 |
| 451 | 4836 | 28.802 | 30.402 | 31.845 | 33.537 | 34.882 |
| 452 | 4846 | 31.736 | 32.995 | 34.048 | 35.284 | 36.31  |
| 453 | 4856 | 26.851 | 28.267 | 29.443 | 30.922 | 32.162 |
| 454 | 4866 | 26.001 | 27.304 | 28.286 | 29.698 | 30.854 |
| 455 | 4876 | 25.795 | 27.194 | 28.364 | 29.853 | 31.169 |
| 456 | 4886 | 25.811 | 26.992 | 27.894 | 29.09  | 30.159 |
| 457 | 4896 | 23.533 | 24.553 | 25.465 | 26.564 | 27.513 |
| 458 | 4906 | 22.958 | 23.776 | 24.581 | 25.517 | 26.308 |
| 459 | 4916 | 22.289 | 23.343 | 24.292 | 25.468 | 26.492 |
| 460 | 4926 | 24.53  | 25.693 | 26.719 | 27.944 | 29.096 |
| 461 | 4936 | 26.031 | 27.081 | 27.865 | 28.981 | 29.957 |
| 462 | 4946 | 21.952 | 22.906 | 23.752 | 24.761 | 25.631 |
| 463 | 4956 | 22.604 | 23.783 | 24.739 | 25.974 | 27.008 |
| 464 | 4966 | 24.583 | 25.877 | 26.934 | 28.269 | 29.489 |
| 465 | 4976 | 23.722 | 24.89  | 25.843 | 27.043 | 28.146 |
| 466 | 4986 | 27.076 | 28.449 | 29.569 | 31.046 | 32.306 |
| 467 | 4996 | 28.219 | 29.577 | 30.602 | 32.136 | 33.26  |
| 468 | 5006 | 29.163 | 30.661 | 31.856 | 33.595 | 34.799 |
| 469 | 5016 | 23.851 | 24.886 | 25.699 | 26.799 | 27.878 |
| 470 | 5026 | 29.19  | 30.653 | 31.852 | 33.509 | 34.75  |
| 471 | 5036 | 25.443 | 26.907 | 28.132 | 29.67  | 31.067 |
| 472 | 5046 | 24.384 | 25.819 | 27.085 | 28.639 | 30.016 |
| 473 | 5056 | 25.617 | 27.155 | 28.41  | 30.045 | 31.394 |
| 474 | 5066 | 26.706 | 28.266 | 29.643 | 31.456 | 32.778 |
| 475 | 5076 | 23.497 | 24.976 | 26.337 | 28.036 | 29.496 |
| 476 | 5086 | 24.208 | 25.708 | 26.992 | 28.631 | 30.062 |
| 477 | 5096 | 22.35  | 23.611 | 24.655 | 26.058 | 27.271 |
| 478 | 5106 | 21.188 | 22.283 | 23.294 | 24.573 | 25.59  |
| 479 | 5116 | 20.782 | 21.872 | 22.942 | 24.257 | 25.341 |
| 480 | 5126 | 22.545 | 23.831 | 24.952 | 26.409 | 27.68  |
| 481 | 5136 | 21.888 | 23.133 | 24.215 | 25.612 | 26.868 |
| 482 | 5146 | 21.64  | 22.923 | 24.037 | 25.47  | 26.735 |
| 483 | 5156 | 20.318 | 21.497 | 22.702 | 24.08  | 25.261 |
| 484 | 5166 | 21.815 | 23.148 | 24.36  | 25.87  | 27.217 |
| 485 | 5176 | 21.898 | 23.265 | 24.516 | 26.085 | 27.454 |
| 486 | 5186 | 19.748 | 21.027 | 22.399 | 23.943 | 25.358 |
| 487 | 5196 | 15.847 | 16.919 | 18.156 | 19.587 | 20.809 |
| 488 | 5206 | 15.692 | 16.737 | 17.963 | 19.333 | 20.524 |
| 489 | 5216 | 14.167 | 15.07  | 16.179 | 17.548 | 18.653 |

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|-----|------|--------|--------|--------|--------|--------|
| 490 | 5216 | 20.236 | 21.521 | 22.855 | 24.45  | 25.818 |
| 491 | 5236 | 20.764 | 22.077 | 23.417 | 25.018 | 26.427 |
| 492 | 5246 | 20.229 | 21.534 | 22.796 | 24.284 | 25.61  |
| 493 | 5256 | 18.632 | 19.868 | 21.28  | 22.877 | 24.105 |
| 494 | 5266 | 22.998 | 24.432 | 25.853 | 27.606 | 29.149 |
| 495 | 5276 | 21.789 | 23.188 | 24.584 | 26.342 | 27.897 |
| 496 | 5286 | 19.208 | 20.447 | 21.914 | 23.643 | 25.137 |
| 497 | 5296 | 16.062 | 17.151 | 18.537 | 20.131 | 21.476 |
| 498 | 5306 | 16.288 | 17.462 | 18.857 | 20.53  | 21.875 |
| 499 | 5316 | 16.933 | 18.103 | 19.536 | 21.276 | 22.617 |
| 500 | 5326 | 19.389 | 20.774 | 22.279 | 24.11  | 25.643 |
| 501 | 5336 | 19.364 | 20.659 | 21.999 | 23.552 | 24.89  |
| 502 | 5346 | 22.066 | 23.589 | 25.004 | 26.742 | 28.301 |
| 503 | 5356 | 22.64  | 24.086 | 25.407 | 26.99  | 28.439 |
| 504 | 5366 | 21.257 | 22.517 | 23.785 | 25.284 | 26.595 |
| 505 | 5376 | 20.331 | 21.6   | 22.793 | 24.295 | 25.594 |
| 506 | 5386 | 23.371 | 24.748 | 25.998 | 27.609 | 29.012 |
| 507 | 5396 | 24.186 | 25.607 | 26.853 | 28.474 | 29.884 |
| 508 | 5406 | 24.946 | 26.297 | 27.484 | 29.013 | 30.391 |
| 509 | 5416 | 23.698 | 25.103 | 26.284 | 27.836 | 29.209 |
| 510 | 5426 | 24.485 | 25.865 | 27.092 | 28.701 | 30.099 |
| 511 | 5436 | 22.514 | 23.819 | 25.21  | 26.817 | 28.226 |
| 512 | 5446 | 25.397 | 26.995 | 28.32  | 30.125 | 31.529 |
| 513 | 5456 | 22.304 | 23.656 | 24.899 | 26.432 | 27.809 |
| 514 | 5466 | 24.821 | 26.243 | 27.587 | 29.285 | 30.758 |
| 515 | 5476 | 22.989 | 24.393 | 25.607 | 27.138 | 28.46  |
| 516 | 5486 | 20.389 | 21.617 | 22.899 | 24.366 | 25.62  |
| 517 | 5496 | 25.45  | 26.958 | 28.338 | 30.109 | 31.527 |
| 518 | 5506 | 23.079 | 24.52  | 25.836 | 27.443 | 28.871 |
| 519 | 5516 | 29.478 | 30.888 | 32.028 | 33.604 | 34.776 |
| 520 | 5526 | 24.689 | 26.059 | 27.305 | 28.911 | 30.284 |
| 521 | 5536 | 28.754 | 30.284 | 31.71  | 33.408 | 34.753 |
| 522 | 5546 | 23.664 | 25.117 | 26.505 | 28.294 | 29.784 |
| 523 | 5556 | 18.483 | 19.623 | 20.963 | 22.537 | 23.798 |
| 524 | 5566 | 23.552 | 25.04  | 26.334 | 27.945 | 29.362 |
| 525 | 5576 | 18.05  | 18.965 | 19.91  | 21.059 | 22.089 |
| 526 | 5586 | 21.304 | 22.549 | 23.751 | 25.219 | 26.495 |
| 527 | 5596 | 19.349 | 20.37  | 21.524 | 22.873 | 23.984 |
| 528 | 5606 | 19.087 | 20.073 | 21.131 | 22.372 | 23.418 |
| 529 | 5616 | 19.895 | 20.901 | 21.937 | 23.162 | 24.179 |
| 530 | 5626 | 20.827 | 21.933 | 23.057 | 24.437 | 25.654 |
| 531 | 5636 | 20.744 | 21.871 | 23.007 | 24.358 | 25.502 |
| 532 | 5646 | 19.144 | 20.22  | 21.399 | 22.765 | 23.93  |
| 533 | 5656 | 18.241 | 19.258 | 20.503 | 21.938 | 23.128 |
| 534 | 5666 | 20.217 | 21.398 | 22.646 | 24.15  | 25.425 |
| 535 | 5676 | 21.137 | 22.332 | 23.517 | 24.986 | 26.285 |
| 536 | 5686 | 20.57  | 21.701 | 22.921 | 24.331 | 25.588 |
| 537 | 5696 | 19.317 | 20.327 | 21.371 | 22.658 | 23.73  |
| 538 | 5706 | 15.749 | 16.451 | 17.071 | 17.948 | 18.677 |
| 539 | 5716 | 5.287  | 5.46   | 5.586  | 5.764  | 5.941  |
| 540 | 5726 | 17.283 | 18.173 | 19.042 | 20.179 | 21.126 |
| 541 | 5736 | 19.962 | 21.049 | 22.154 | 23.532 | 24.668 |
| 542 | 5746 | 21.705 | 23.006 | 24.244 | 25.711 | 27.08  |
| 543 | 5756 | 19.713 | 20.868 | 22.087 | 23.577 | 24.862 |
| 544 | 5766 | 23.149 | 24.559 | 25.816 | 27.471 | 28.9   |
| 545 | 5776 | 22.108 | 23.473 | 24.672 | 26.255 | 27.669 |
| 546 | 5786 | 20.736 | 22.017 | 23.309 | 24.862 | 26.271 |
| 547 | 5796 | 19.64  | 20.773 | 22.018 | 23.459 | 24.687 |

|     |      |        |        |        |        |        |
|-----|------|--------|--------|--------|--------|--------|
| 548 | 5806 | 21.935 | 23.309 | 24.572 | 26.234 | 27.665 |
| 549 | 5816 | 22.51  | 23.935 | 25.226 | 26.91  | 28.361 |
| 550 | 5826 | 22.034 | 23.402 | 24.734 | 26.359 | 27.806 |
| 551 | 5836 | 23.074 | 24.496 | 25.866 | 27.592 | 29.091 |
| 552 | 5846 | 24.664 | 26.167 | 27.482 | 29.19  | 30.653 |
| 553 | 5856 | 26.197 | 27.781 | 29.145 | 31.029 | 32.43  |
| 554 | 5866 | 24.737 | 26.239 | 27.692 | 29.522 | 31.052 |
| 555 | 5876 | 23.018 | 24.486 | 25.939 | 27.713 | 29.257 |
| 556 | 5886 | 22.203 | 23.662 | 25.183 | 27.092 | 28.733 |
| 557 | 5896 | 22.968 | 24.446 | 25.918 | 27.781 | 29.379 |
| 558 | 5906 | 22.563 | 23.955 | 25.426 | 27.299 | 28.85  |
| 559 | 5916 | 19.58  | 20.87  | 22.394 | 24.171 | 25.699 |
| 560 | 5926 | 19.224 | 20.503 | 21.971 | 23.719 | 25.169 |
| 561 | 5936 | 16.727 | 17.748 | 19.125 | 20.751 | 22.04  |
| 562 | 5946 | 21.656 | 23.071 | 24.55  | 26.383 | 27.921 |
| 563 | 5956 | 23.02  | 24.512 | 26.077 | 27.994 | 29.62  |
| 564 | 5966 | 21.481 | 22.862 | 24.476 | 26.404 | 28.018 |
| 565 | 5976 | 23.833 | 25.321 | 26.824 | 28.757 | 30.339 |
| 566 | 5986 | 21.147 | 22.593 | 24.107 | 25.998 | 27.564 |
| 567 | 5996 | 19.154 | 20.427 | 21.955 | 23.776 | 25.297 |
| 568 | 6006 | 19.365 | 20.609 | 22.144 | 23.949 | 25.434 |
| 569 | 6016 | 22.569 | 24.015 | 25.546 | 27.485 | 29.107 |
| 570 | 6026 | 25.071 | 26.617 | 28.217 | 30.327 | 31.888 |
| 571 | 6036 | 21.617 | 22.962 | 24.443 | 26.204 | 27.694 |
| 572 | 6046 | 23.58  | 25.072 | 26.496 | 28.324 | 29.839 |
| 573 | 6056 | 22.389 | 23.788 | 25.269 | 27.16  | 28.741 |
| 574 | 6066 | 20.506 | 21.753 | 23.26  | 24.994 | 26.497 |
| 575 | 6076 | 25.223 | 26.756 | 28.12  | 29.86  | 31.255 |
| 576 | 6086 | 29.449 | 31.123 | 32.641 | 34.46  | 35.836 |
| 577 | 6096 | 22.764 | 24.216 | 25.464 | 27.093 | 28.484 |
| 578 | 6106 | 24.228 | 25.662 | 26.885 | 28.435 | 29.755 |
| 579 | 6116 | 24.7   | 26.192 | 27.474 | 29.104 | 30.524 |
| 580 | 6126 | 24.757 | 26.216 | 27.486 | 29.103 | 30.514 |
| 581 | 6136 | 25.624 | 27.175 | 28.495 | 30.316 | 31.677 |
| 582 | 6146 | 25.927 | 27.512 | 28.85  | 30.66  | 32.01  |
| 583 | 6156 | 25.118 | 26.613 | 27.912 | 29.544 | 30.984 |
| 584 | 6166 | 28.639 | 30.238 | 31.709 | 33.446 | 34.776 |
| 585 | 6176 | 21.855 | 23.134 | 24.444 | 26.073 | 27.425 |
| 586 | 6186 | 21.84  | 23.122 | 24.439 | 26.064 | 27.403 |
| 587 | 6196 | 26.68  | 28.259 | 29.827 | 31.782 | 33.245 |
| 588 | 6206 | 29.364 | 31.036 | 32.618 | 34.424 | 35.774 |
| 589 | 6216 | 28.483 | 30.151 | 31.64  | 33.502 | 34.863 |
| 590 | 6226 | 27.521 | 29.21  | 30.721 | 32.704 | 34.118 |
| 591 | 6236 | 28.785 | 30.562 | 32.19  | 34.045 | 35.438 |
| 592 | 6246 | 24.798 | 26.267 | 27.701 | 29.448 | 30.939 |
| 593 | 6256 | 24.089 | 25.58  | 27.001 | 28.71  | 30.166 |
| 594 | 6266 | 25.323 | 26.894 | 28.235 | 29.958 | 31.409 |
| 595 | 6276 | 24.483 | 26.04  | 27.434 | 29.202 | 30.674 |
| 596 | 6286 | 27.229 | 28.913 | 30.428 | 32.369 | 33.785 |
| 597 | 6296 | 26.181 | 27.85  | 29.446 | 31.511 | 32.993 |
| 598 | 6306 | 29.306 | 31.07  | 32.7   | 34.548 | 35.973 |
| 599 | 6316 | 26.906 | 28.582 | 30.02  | 31.875 | 33.252 |
| 600 | 6326 | 26.577 | 28.275 | 29.675 | 31.571 | 32.939 |
| 601 | 6336 | 27.891 | 29.645 | 31.23  | 33.142 | 34.584 |
| 602 | 6346 | 28.574 | 30.385 | 32.071 | 33.992 | 35.446 |
| 603 | 6356 | 28.099 | 29.884 | 31.542 | 33.403 | 34.801 |
| 604 | 6366 | 26.934 | 28.599 | 30.052 | 31.965 | 33.362 |
| 605 | 6376 | 25.138 | 26.724 | 28.045 | 29.724 | 31.12  |

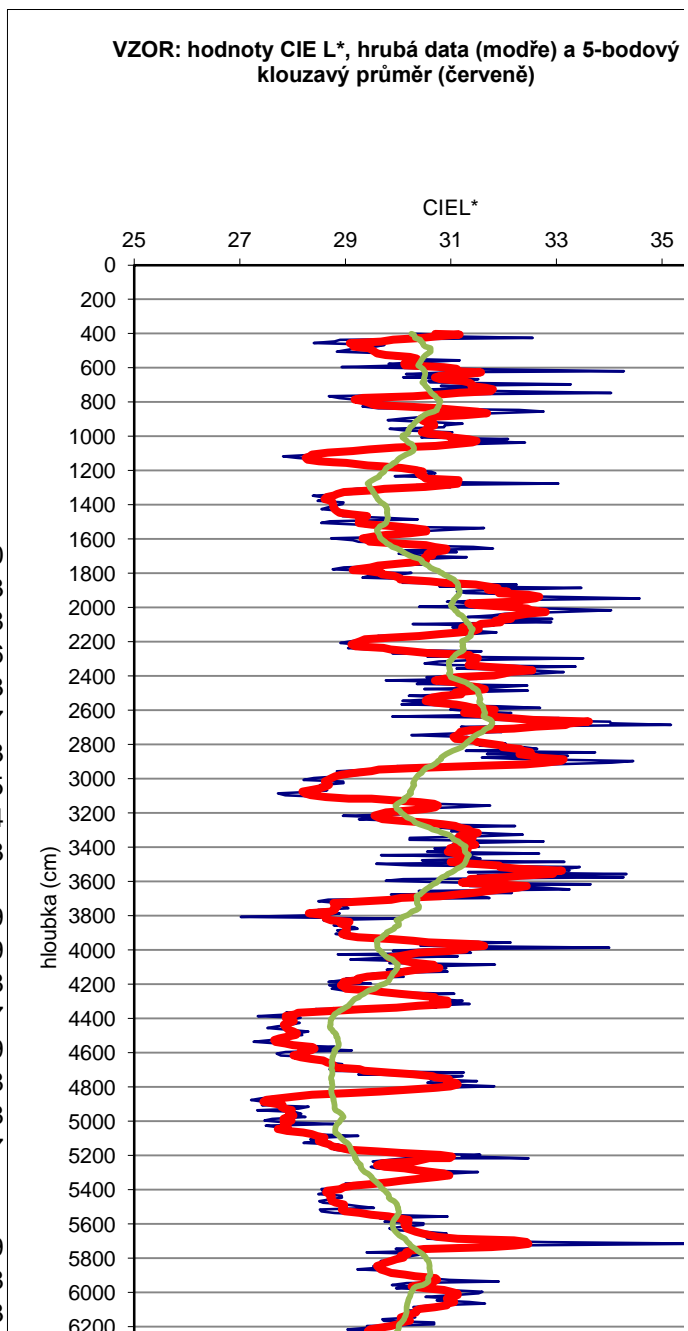
|     |      |        |        |        |        |        |
|-----|------|--------|--------|--------|--------|--------|
| 606 | 6386 | 22.725 | 24.186 | 25.514 | 27.226 | 28.625 |
| 607 | 6396 | 25.245 | 26.76  | 28.21  | 29.915 | 31.356 |
| 608 | 6406 | 24.525 | 26.117 | 27.493 | 29.177 | 30.588 |
| 609 | 6416 | 27.924 | 29.651 | 31.112 | 33.019 | 34.351 |
| 610 | 6426 | 28.286 | 29.978 | 31.424 | 33.324 | 34.651 |
| 611 | 6436 | 25.503 | 27.108 | 28.462 | 30.245 | 31.634 |
| 612 | 6446 | 26.282 | 27.96  | 29.338 | 31.195 | 32.524 |
| 613 | 6456 | 26.828 | 28.555 | 30.078 | 32.107 | 33.553 |
| 614 | 6466 | 28.114 | 29.97  | 31.948 | 33.754 | 35.126 |
| 615 | 6476 | 30.312 | 32.084 | 33.879 | 35.618 | 36.815 |
| 616 | 6486 | 27.849 | 29.635 | 31.488 | 33.196 | 34.434 |
| 617 | 6496 | 27.899 | 29.617 | 31.363 | 33.007 | 34.258 |
| 618 | 6506 | 28.637 | 30.149 | 31.719 | 33.132 | 34.195 |
| 619 | 6516 | 26.622 | 28.102 | 29.489 | 30.999 | 32.069 |
| 620 | 6526 | 24.832 | 26.196 | 27.476 | 28.724 | 29.807 |
| 621 | 6536 | 22.221 | 23.36  | 24.464 | 25.515 | 26.464 |
| 622 | 6546 | 24.166 | 25.389 | 26.402 | 27.554 | 28.49  |
| 623 | 6556 | 20.727 | 21.752 | 22.822 | 23.843 | 24.639 |
| 624 | 6566 | 24.647 | 25.89  | 27.065 | 28.194 | 29.193 |
| 625 | 6576 | 20.557 | 21.476 | 22.35  | 23.228 | 23.84  |
| 626 | 6586 | 23.927 | 25.247 | 26.403 | 27.666 | 28.688 |
| 627 | 6596 | 24.853 | 26.099 | 27.284 | 28.515 | 29.494 |
| 628 | 6606 | 24.6   | 26.028 | 27.295 | 28.659 | 29.745 |
| 629 | 6616 | 25.761 | 27.079 | 28.279 | 29.529 | 30.582 |
| 630 | 6626 | 25.998 | 27.289 | 28.459 | 29.706 | 30.734 |
| 631 | 6636 | 22.745 | 24.044 | 25.171 | 26.388 | 27.412 |
| 632 | 6646 | 23.479 | 24.705 | 25.747 | 26.903 | 27.817 |
| 633 | 6656 | 24.547 | 25.959 | 27.251 | 28.595 | 29.71  |
| 634 | 6666 | 25.704 | 26.911 | 27.949 | 29.059 | 29.996 |
| 635 | 6676 | 23.68  | 24.956 | 26.118 | 27.298 | 28.287 |
| 636 | 6686 | 26.684 | 28.094 | 29.358 | 30.813 | 31.807 |
| 637 | 6696 | 24.224 | 25.49  | 26.53  | 27.725 | 28.644 |
| 638 | 6706 | 24.219 | 25.462 | 26.586 | 27.746 | 28.685 |
| 639 | 6716 | 24.235 | 25.512 | 26.686 | 27.889 | 28.911 |
| 640 | 6726 | 24.324 | 25.516 | 26.582 | 27.683 | 28.564 |
| 641 | 6736 | 28.675 | 30.207 | 31.719 | 33.171 | 34.242 |
| 642 | 6746 | 27.257 | 28.733 | 30.086 | 31.586 | 32.648 |
| 643 | 6756 | 29.572 | 31.09  | 32.629 | 34.122 | 35.173 |
| 644 | 6766 | 29.804 | 31.333 | 32.839 | 34.354 | 35.427 |
| 645 | 6776 | 27.17  | 28.671 | 30.01  | 31.553 | 32.613 |
| 646 | 6786 | 26.958 | 28.246 | 29.41  | 30.67  | 31.644 |
| 647 | 6796 | 27.062 | 28.515 | 29.864 | 31.443 | 32.527 |
| 648 | 6806 | 29.508 | 31.036 | 32.586 | 34.126 | 35.185 |
| 649 | 6816 | 28.933 | 30.517 | 32.041 | 33.547 | 34.624 |
| 650 | 6826 | 26.366 | 27.799 | 29.263 | 30.851 | 31.994 |
| 651 | 6836 | 25.877 | 27.228 | 28.436 | 29.743 | 30.832 |
| 652 | 6846 | 26.444 | 27.863 | 29.232 | 30.772 | 31.833 |
| 653 | 6856 | 28.065 | 29.573 | 31.055 | 32.503 | 33.596 |
| 654 | 6866 | 28.346 | 29.762 | 31.218 | 32.694 | 33.779 |
| 655 | 6876 | 27.965 | 29.477 | 30.998 | 32.531 | 33.64  |
| 656 | 6886 | 26.86  | 28.37  | 29.616 | 31.217 | 32.257 |
| 657 | 6896 | 26.734 | 28.203 | 29.626 | 31.218 | 32.333 |
| 658 | 6906 | 28.209 | 29.603 | 30.903 | 32.34  | 33.306 |
| 659 | 6916 | 27.657 | 29.035 | 30.318 | 31.814 | 32.887 |
| 660 | 6926 | 27.725 | 29.109 | 30.39  | 31.903 | 32.92  |
| 661 | 6936 | 27.363 | 28.802 | 30.106 | 31.626 | 32.645 |
| 662 | 6946 | 28.103 | 29.6   | 31.013 | 32.557 | 33.625 |
| 663 | 6956 | 27.401 | 28.836 | 30.162 | 31.699 | 32.761 |

|     |      |        |        |        |        |        |
|-----|------|--------|--------|--------|--------|--------|
| 664 | 6966 | 28.953 | 30.5   | 32.01  | 33.475 | 34.546 |
| 665 | 6976 | 24.331 | 25.631 | 26.954 | 28.294 | 29.455 |
| 666 | 6986 | 23.87  | 25.07  | 26.121 | 27.377 | 28.423 |
| 667 | 6996 | 23.363 | 24.592 | 25.72  | 26.951 | 27.989 |
| 668 | 7006 | 25.77  | 27.135 | 28.333 | 29.708 | 30.797 |
| 669 | 7016 | 23.242 | 24.546 | 25.704 | 27.052 | 28.154 |
| 670 | 7026 | 26     | 27.391 | 28.718 | 30.222 | 31.301 |
| 671 | 7036 | 24.975 | 26.372 | 27.667 | 29.087 | 30.239 |
| 672 | 7046 | 23.599 | 24.826 | 25.954 | 27.24  | 28.392 |
| 673 | 7056 | 25.465 | 26.819 | 28.069 | 29.506 | 30.685 |
| 674 | 7066 | 24.322 | 25.641 | 26.853 | 28.237 | 29.451 |
| 675 | 7076 | 24.494 | 25.723 | 26.909 | 28.224 | 29.397 |
| 676 | 7086 | 24.761 | 26.118 | 27.398 | 28.832 | 29.999 |
| 677 | 7096 | 24.357 | 25.686 | 26.925 | 28.311 | 29.493 |
| 678 | 7106 | 25.451 | 26.828 | 28.094 | 29.561 | 30.675 |
| 679 | 7116 | 28.061 | 29.635 | 31.142 | 32.679 | 33.808 |
| 680 | 7126 | 26.395 | 27.823 | 29.25  | 30.848 | 32.001 |
| 681 | 7136 | 25.674 | 27.173 | 28.682 | 30.365 | 31.519 |
| 682 | 7146 | 27.801 | 29.331 | 30.834 | 32.408 | 33.527 |
| 683 | 7156 | 24.137 | 25.453 | 26.661 | 27.97  | 29.093 |
| 684 | 7166 | 26.107 | 27.684 | 29.222 | 30.931 | 32.147 |
| 685 | 7176 | 28.444 | 30.011 | 31.589 | 33.144 | 34.354 |
| 686 | 7186 | 26.846 | 28.355 | 29.805 | 31.436 | 32.587 |
| 687 | 7196 | 26.944 | 28.459 | 29.873 | 31.501 | 32.636 |
| 688 | 7206 | 25.369 | 26.867 | 28.265 | 29.905 | 31.071 |
| 689 | 7216 | 26.992 | 28.557 | 30.06  | 31.739 | 32.914 |
| 690 | 7226 | 28.051 | 29.547 | 31.039 | 32.568 | 33.723 |
| 691 | 7236 | 31.179 | 32.741 | 34.31  | 35.814 | 36.913 |
| 692 | 7246 | 33.411 | 35.019 | 36.728 | 38.309 | 39.424 |
| 693 | 7256 | 32.064 | 33.763 | 35.539 | 37.142 | 38.298 |
| 694 | 7266 | 29.622 | 31.17  | 32.755 | 34.247 | 35.321 |
| 695 | 7276 | 28.382 | 29.798 | 31.172 | 32.716 | 33.762 |
| 696 | 7286 | 20.808 | 22.023 | 23.406 | 24.787 | 25.919 |
| 697 | 7296 | 26.336 | 27.627 | 28.826 | 30.262 | 31.269 |
| 698 | 7306 | 24.678 | 25.873 | 27.139 | 28.466 | 29.508 |
| 699 | 7316 | 29.732 | 31.167 | 32.522 | 33.863 | 34.849 |
| 700 | 7326 | 33.324 | 34.841 | 36.296 | 37.695 | 38.693 |
| 702 | 7336 | 36.32  | 37.773 | 39.07  | 40.338 | 41.257 |
| 701 | 7346 | 28.583 | 29.951 | 31.223 | 32.653 | 33.628 |
| 703 | 7356 | 30.14  | 31.532 | 32.926 | 34.259 | 35.272 |
| 704 | 7366 | 29.448 | 30.984 | 32.389 | 33.777 | 34.756 |
| 705 | 7376 | 25.747 | 27.066 | 28.325 | 29.705 | 30.785 |
| 706 | 7386 | 26.35  | 27.613 | 28.882 | 30.385 | 31.421 |
| 707 | 7396 | 30.371 | 31.854 | 33.332 | 34.794 | 35.801 |
| 708 | 7406 | 32.783 | 34.246 | 35.742 | 37.146 | 38.138 |
| 709 | 7406 | 30.887 | 32.463 | 34.072 | 35.627 | 36.764 |
| 710 | 7416 | 33.379 | 35.004 | 36.675 | 38.273 | 39.432 |
| 711 | 7426 | 31.935 | 33.494 | 35.04  | 36.581 | 37.686 |
| 712 | 7436 | 30.741 | 32.403 | 33.977 | 35.509 | 36.726 |
| 713 | 7446 | 29.439 | 30.884 | 32.256 | 33.593 | 34.573 |
| 714 | 7456 | 24.416 | 25.844 | 27.175 | 28.717 | 29.909 |
| 715 | 7466 | 22.425 | 23.702 | 25.105 | 26.603 | 27.824 |
| 716 | 7476 | 28.665 | 30.048 | 31.503 | 32.937 | 33.97  |
| 717 | 7486 | 24.65  | 25.577 | 26.288 | 27.131 | 27.81  |
| 718 | 7496 | 26.072 | 27.339 | 28.475 | 29.81  | 30.826 |

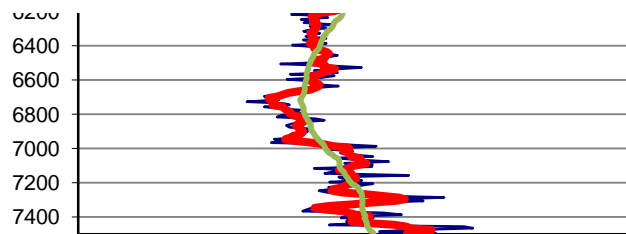
vrstvi. Hodnoty vykazují výraznou cyklicitu.

u (%) a provést filtraci vysokých a nízkých frekvencí metodou klouzavého průměru (5-bodový klouzný průměr) a následujících buňkách

| 450    | 460    | 470    | 480    |
|--------|--------|--------|--------|
| 22.34  | 23.412 | 24.423 | 25.283 |
| 21.304 | 22.441 | 23.463 | 24.388 |
| 19.121 | 20.059 | 20.945 | 21.726 |
| 19.854 | 20.999 | 22.044 | 23.033 |
| 28.551 | 29.725 | 30.844 | 31.857 |
| 24.614 | 25.632 | 26.627 | 27.503 |
| 28.03  | 29.123 | 30.198 | 31.145 |
| 24.29  | 25.507 | 26.656 | 27.774 |
| 23.308 | 24.347 | 25.372 | 26.273 |
| 24.282 | 25.286 | 26.234 | 27.051 |
| 23.399 | 24.316 | 25.126 | 25.829 |
| 21.506 | 22.574 | 23.517 | 24.389 |
| 27.739 | 28.957 | 30.195 | 31.288 |
| 24.239 | 25.277 | 26.267 | 27.167 |
| 23.518 | 24.557 | 25.506 | 26.359 |
| 20.077 | 21.154 | 22.108 | 22.988 |
| 25.091 | 26.322 | 27.449 | 28.488 |
| 27.41  | 28.592 | 29.708 | 30.707 |
| 23.078 | 24.113 | 25.059 | 25.891 |
| 24.903 | 25.854 | 26.746 | 27.531 |
| 22.671 | 23.763 | 24.759 | 25.689 |
| 13.275 | 13.983 | 14.717 | 15.348 |
| 18.504 | 19.338 | 20.147 | 20.83  |



|        |        |        |        |
|--------|--------|--------|--------|
| 19.902 | 20.743 | 21.515 | 22.183 |
| 14.625 | 15.199 | 15.823 | 16.39  |
| 22.381 | 23.27  | 24.046 | 24.734 |
| 21.646 | 22.643 | 23.522 | 24.353 |
| 15.47  | 16.053 | 16.705 | 17.278 |
| 19.318 | 20.166 | 20.925 | 21.637 |
| 18.436 | 19.505 | 20.454 | 21.29  |
| 16.741 | 17.399 | 18.151 | 18.785 |



|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 22.551 | 23.663 | 24.68  | 25.647 | 26.511 | 27.516 | 28.444 | 29.495 | 30.345 |
| 17.319 | 18.006 | 18.804 | 19.432 | 20.032 | 20.659 | 21.271 | 21.957 | 22.453 |
| 18.776 | 19.692 | 20.562 | 21.315 | 22.089 | 22.876 | 23.644 | 24.514 | 25.19  |
| 14.553 | 15.349 | 16.151 | 16.83  | 17.55  | 18.218 | 18.964 | 19.722 | 20.361 |
| 18.645 | 19.537 | 20.378 | 21.17  | 21.9   | 22.673 | 23.384 | 24.237 | 24.847 |
| 25.169 | 26.173 | 27.099 | 27.957 | 28.722 | 29.524 | 30.36  | 31.223 | 31.985 |
| 25.537 | 26.612 | 27.606 | 28.542 | 29.355 | 30.204 | 31.028 | 32.005 | 32.754 |
| 27.312 | 28.459 | 29.521 | 30.553 | 31.401 | 32.379 | 33.279 | 34.34  | 35.165 |
| 27.709 | 28.883 | 30.001 | 31.002 | 31.929 | 32.928 | 33.822 | 34.922 | 35.738 |
| 22.377 | 23.437 | 24.406 | 25.236 | 26.087 | 26.852 | 27.704 | 28.557 | 29.283 |
| 25.863 | 26.948 | 27.977 | 28.866 | 29.718 | 30.569 | 31.417 | 32.381 | 33.173 |
| 21.037 | 21.966 | 22.786 | 23.506 | 24.205 | 24.898 | 25.534 | 26.294 | 26.861 |
| 21.793 | 22.684 | 23.475 | 24.207 | 24.879 | 25.563 | 26.215 | 26.976 | 27.54  |
| 15.934 | 16.708 | 17.513 | 18.258 | 18.934 | 19.677 | 20.335 | 21.156 | 21.72  |
| 13.929 | 14.604 | 15.288 | 15.905 | 16.517 | 17.101 | 17.735 | 18.392 | 18.961 |
| 15.469 | 16.199 | 16.983 | 17.68  | 18.339 | 18.998 | 19.692 | 20.407 | 21.01  |
| 17.531 | 18.372 | 19.262 | 20.02  | 20.759 | 21.548 | 22.286 | 23.169 | 23.807 |
| 17.867 | 18.705 | 19.591 | 20.332 | 21.046 | 21.806 | 22.509 | 23.35  | 23.95  |
| 20.145 | 21.134 | 22.008 | 22.795 | 23.534 | 24.32  | 25.071 | 25.932 | 26.57  |
| 23.45  | 24.564 | 25.61  | 26.532 | 27.431 | 28.364 | 29.248 | 30.272 | 31.092 |
| 23.068 | 24.25  | 25.302 | 26.294 | 27.251 | 28.261 | 29.237 | 30.376 | 31.311 |
| 19.545 | 20.688 | 21.642 | 22.584 | 23.439 | 24.427 | 25.302 | 26.404 | 27.183 |
| 19.222 | 20.262 | 21.205 | 22.037 | 22.887 | 23.709 | 24.543 | 25.469 | 26.205 |
| 20.347 | 21.452 | 22.424 | 23.313 | 24.216 | 25.096 | 25.999 | 26.984 | 27.772 |
| 24.504 | 25.632 | 26.689 | 27.666 | 28.569 | 29.538 | 30.454 | 31.491 | 32.327 |
| 25.037 | 26.253 | 27.441 | 28.551 | 29.537 | 30.627 | 31.58  | 32.755 | 33.636 |
| 23.41  | 24.65  | 25.821 | 26.914 | 27.948 | 29.007 | 30.075 | 31.245 | 32.249 |
| 24.476 | 25.687 | 26.894 | 27.969 | 28.966 | 30.029 | 31.05  | 32.214 | 33.155 |
| 23.956 | 25.118 | 26.214 | 27.17  | 28.066 | 29.057 | 29.932 | 30.996 | 31.835 |
| 21.766 | 22.873 | 23.826 | 24.703 | 25.54  | 26.38  | 27.193 | 28.089 | 28.823 |
| 20.6   | 21.856 | 22.955 | 23.994 | 24.983 | 25.976 | 26.952 | 28.041 | 28.918 |
| 19.012 | 19.95  | 20.838 | 21.633 | 22.397 | 23.204 | 23.944 | 24.818 | 25.481 |
| 14.835 | 15.56  | 16.291 | 16.97  | 17.629 | 18.319 | 18.967 | 19.739 | 20.31  |
| 13.465 | 14.067 | 14.702 | 15.231 | 15.787 | 16.326 | 16.87  | 17.435 | 17.892 |
| 20.989 | 21.993 | 22.862 | 23.668 | 24.466 | 25.236 | 25.99  | 26.826 | 27.476 |
| 24.468 | 25.568 | 26.623 | 27.537 | 28.49  | 29.405 | 30.294 | 31.292 | 32.147 |
| 21.515 | 22.43  | 23.209 | 23.929 | 24.629 | 25.398 | 26.156 | 27.04  | 27.748 |
| 27.809 | 28.898 | 29.966 | 30.893 | 31.735 | 32.599 | 33.429 | 34.347 | 35.068 |
| 28.314 | 29.423 | 30.476 | 31.461 | 32.337 | 33.242 | 34.08  | 35.064 | 35.79  |
| 30.528 | 31.64  | 32.834 | 33.803 | 34.664 | 35.62  | 36.474 | 37.486 | 38.249 |
| 26.7   | 27.439 | 28.187 | 28.771 | 29.398 | 29.964 | 30.496 | 31.118 | 31.584 |
| 31.084 | 32.219 | 33.279 | 34.249 | 35.115 | 35.988 | 36.777 | 37.726 | 38.391 |
| 31.76  | 32.976 | 34.141 | 35.154 | 36.107 | 37.074 | 38.019 | 39.085 | 39.862 |
| 34.01  | 35.012 | 36.06  | 36.94  | 37.796 | 38.751 | 39.456 | 40.358 | 41.043 |
| 29.233 | 30.223 | 31.196 | 32.053 | 32.871 | 33.671 | 34.475 | 35.364 | 36.05  |
| 28.158 | 29.327 | 30.444 | 31.468 | 32.408 | 33.365 | 34.279 | 35.342 | 36.125 |
| 27.524 | 28.744 | 29.949 | 31.042 | 32.01  | 33.054 | 34.037 | 35.153 | 36.016 |
| 23.837 | 24.926 | 25.98  | 26.914 | 27.814 | 28.751 | 29.614 | 30.631 | 31.436 |
| 25.701 | 26.904 | 28.057 | 29.113 | 30.117 | 31.142 | 32.137 | 33.29  | 34.25  |
| 21.388 | 22.389 | 23.281 | 24.052 | 24.867 | 25.643 | 26.415 | 27.281 | 27.99  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 23.678 | 24.869 | 25.977 | 27.005 | 27.984 | 28.962 | 29.93  | 31.037 | 31.944 |
| 24.349 | 25.497 | 26.584 | 27.587 | 28.547 | 29.531 | 30.495 | 31.609 | 32.516 |
| 27.47  | 28.781 | 30.017 | 31.127 | 32.233 | 33.283 | 34.348 | 35.534 | 36.525 |
| 14.282 | 14.714 | 15.216 | 15.616 | 16.01  | 16.477 | 16.915 | 17.43  | 17.81  |
| 25.118 | 26.158 | 27.162 | 28.048 | 28.876 | 29.795 | 30.623 | 31.675 | 32.496 |
| 21.064 | 22.212 | 23.248 | 24.179 | 25.113 | 25.993 | 26.877 | 27.84  | 28.628 |
| 19.879 | 20.877 | 21.748 | 22.513 | 23.284 | 24.046 | 24.767 | 25.587 | 26.222 |
| 14.041 | 14.66  | 15.292 | 15.812 | 16.368 | 16.887 | 17.417 | 17.956 | 18.388 |
| 11.968 | 12.562 | 13.178 | 13.727 | 14.261 | 14.832 | 15.389 | 16.007 | 16.494 |
| 18.102 | 18.888 | 19.733 | 20.419 | 21.092 | 21.822 | 22.449 | 23.214 | 23.73  |
| 17.622 | 18.455 | 19.357 | 20.06  | 20.829 | 21.53  | 22.284 | 23.054 | 23.682 |
| 26.658 | 27.703 | 28.699 | 29.579 | 30.391 | 31.258 | 32.043 | 32.99  | 33.707 |
| 27.806 | 28.885 | 29.906 | 30.795 | 31.642 | 32.507 | 33.294 | 34.258 | 34.926 |
| 27.979 | 29.138 | 30.28  | 31.33  | 32.242 | 33.218 | 34.105 | 35.167 | 35.92  |
| 27.771 | 28.854 | 29.884 | 30.832 | 31.689 | 32.609 | 33.386 | 34.394 | 35.128 |
| 29.682 | 30.462 | 31.283 | 32.04  | 32.63  | 33.351 | 33.983 | 34.771 | 35.305 |
| 28.015 | 29.024 | 30     | 30.888 | 31.634 | 32.466 | 33.193 | 34.094 | 34.728 |
| 28.478 | 29.521 | 30.509 | 31.405 | 32.217 | 33.007 | 33.807 | 34.683 | 35.363 |
| 27.059 | 28.047 | 29.008 | 29.895 | 30.649 | 31.451 | 32.189 | 33.075 | 33.689 |
| 25.73  | 26.847 | 27.88  | 28.86  | 29.724 | 30.631 | 31.457 | 32.437 | 33.154 |
| 24.4   | 25.43  | 26.429 | 27.329 | 28.183 | 29.073 | 29.86  | 30.797 | 31.504 |
| 27.001 | 28.157 | 29.273 | 30.269 | 31.18  | 32.161 | 33.018 | 34.056 | 34.791 |
| 26.562 | 27.606 | 28.605 | 29.567 | 30.338 | 31.253 | 31.999 | 32.955 | 33.596 |
| 31.817 | 32.845 | 33.871 | 34.806 | 35.597 | 36.469 | 37.244 | 38.189 | 38.825 |
| 26.194 | 27.251 | 28.274 | 29.22  | 30.039 | 30.927 | 31.753 | 32.741 | 33.467 |
| 25.344 | 26.321 | 27.239 | 28.08  | 28.854 | 29.693 | 30.407 | 31.317 | 31.988 |
| 25.884 | 26.84  | 27.748 | 28.561 | 29.315 | 30.127 | 30.872 | 31.747 | 32.434 |
| 30.121 | 31.293 | 32.434 | 33.456 | 34.379 | 35.326 | 36.255 | 37.264 | 38.053 |
| 27.771 | 29.006 | 30.176 | 31.237 | 32.203 | 33.235 | 34.181 | 35.296 | 36.122 |
| 26.692 | 27.977 | 29.214 | 30.345 | 31.437 | 32.501 | 33.567 | 34.725 | 35.68  |
| 27.368 | 28.21  | 29.075 | 29.842 | 30.524 | 31.291 | 31.984 | 32.826 | 33.437 |
| 25.004 | 25.953 | 26.834 | 27.664 | 28.332 | 29.119 | 29.792 | 30.625 | 31.214 |
| 25.185 | 26.196 | 27.161 | 28.028 | 28.849 | 29.669 | 30.459 | 31.376 | 32.101 |
| 26.454 | 27.526 | 28.582 | 29.457 | 30.34  | 31.18  | 32.018 | 32.928 | 33.675 |
| 20.833 | 21.943 | 22.973 | 23.898 | 24.829 | 25.75  | 26.701 | 27.696 | 28.531 |
| 17.57  | 18.265 | 19.051 | 19.684 | 20.316 | 20.994 | 21.58  | 22.338 | 22.859 |
| 26.239 | 27.447 | 28.552 | 29.582 | 30.531 | 31.56  | 32.489 | 33.621 | 34.49  |
| 26.716 | 27.957 | 29.123 | 30.199 | 31.207 | 32.229 | 33.212 | 34.352 | 35.239 |
| 27.642 | 28.741 | 29.792 | 30.685 | 31.568 | 32.435 | 33.295 | 34.258 | 35.052 |
| 25.913 | 27.079 | 28.169 | 29.196 | 30.083 | 31.067 | 31.983 | 33.02  | 33.841 |
| 28.94  | 29.96  | 30.961 | 31.872 | 32.674 | 33.516 | 34.311 | 35.248 | 35.966 |
| 30.868 | 32.072 | 33.167 | 34.189 | 35.124 | 36.079 | 36.985 | 38.03  | 38.839 |
| 25.783 | 26.794 | 27.788 | 28.664 | 29.411 | 30.272 | 30.975 | 31.92  | 32.551 |
| 26.628 | 27.789 | 28.922 | 29.914 | 30.878 | 31.829 | 32.774 | 33.833 | 34.725 |
| 24.143 | 25.211 | 26.254 | 27.175 | 28.014 | 28.915 | 29.755 | 30.734 | 31.52  |
| 21.839 | 22.997 | 24.11  | 25.113 | 26.106 | 27.094 | 28.079 | 29.195 | 30.159 |
| 19.334 | 20.411 | 21.408 | 22.324 | 23.232 | 24.14  | 25.032 | 26.024 | 26.793 |
| 25.78  | 26.987 | 28.149 | 29.178 | 30.152 | 31.16  | 32.127 | 33.247 | 34.146 |
| 20.631 | 21.78  | 22.755 | 23.745 | 24.616 | 25.585 | 26.461 | 27.503 | 28.252 |
| 24.076 | 25.246 | 26.308 | 27.279 | 28.199 | 29.153 | 30.051 | 31.085 | 31.939 |
| 23.299 | 24.449 | 25.502 | 26.502 | 27.351 | 28.361 | 29.184 | 30.267 | 31.004 |
| 21.834 | 23.01  | 24.084 | 25.125 | 26.061 | 27.075 | 28.025 | 29.148 | 30.036 |
| 15.644 | 16.295 | 16.996 | 17.632 | 18.2   | 18.833 | 19.391 | 20.075 | 20.527 |
| 22.901 | 24.063 | 25.145 | 26.128 | 27.078 | 28.036 | 28.983 | 30.018 | 30.929 |
| 24.406 | 25.603 | 26.68  | 27.662 | 28.583 | 29.538 | 30.444 | 31.507 | 32.325 |
| 23.365 | 24.557 | 25.631 | 26.659 | 27.57  | 28.556 | 29.468 | 30.556 | 31.417 |
| 22.507 | 23.554 | 24.581 | 25.5   | 26.372 | 27.268 | 28.125 | 29.08  | 29.865 |
| 29.555 | 30.72  | 31.796 | 32.798 | 33.687 | 34.646 | 35.527 | 36.585 | 37.338 |



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|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 27.404 | 28.564 | 29.66  | 30.637 | 31.568 | 32.504 | 33.387 | 34.406 | 35.176 |
| 28.156 | 29.322 | 30.43  | 31.425 | 32.32  | 33.267 | 34.17  | 35.182 | 35.991 |
| 27.878 | 29.108 | 30.273 | 31.397 | 32.343 | 33.417 | 34.366 | 35.546 | 36.39  |
| 27.289 | 28.516 | 29.706 | 30.792 | 31.756 | 32.814 | 33.777 | 34.944 | 35.786 |
| 24.677 | 25.902 | 27.045 | 28.107 | 29.069 | 30.125 | 31.09  | 32.245 | 33.126 |
| 27.801 | 29.062 | 30.225 | 31.297 | 32.301 | 33.375 | 34.325 | 35.506 | 36.362 |
| 22.657 | 23.711 | 24.619 | 25.437 | 26.261 | 27.055 | 27.79  | 28.627 | 29.243 |
| 26.144 | 27.206 | 28.179 | 29.053 | 29.864 | 30.699 | 31.469 | 32.382 | 33.082 |
| 23.128 | 24.296 | 25.378 | 26.31  | 27.298 | 28.203 | 29.15  | 30.155 | 31.054 |
| 22.509 | 23.64  | 24.693 | 25.66  | 26.529 | 27.481 | 28.319 | 29.332 | 30.135 |
| 19.053 | 19.916 | 20.75  | 21.439 | 22.116 | 22.806 | 23.466 | 24.21  | 24.723 |
| 17.94  | 18.812 | 19.787 | 20.577 | 21.398 | 22.227 | 22.986 | 23.911 | 24.573 |
| 25.844 | 27.056 | 28.218 | 29.263 | 30.285 | 31.3   | 32.299 | 33.444 | 34.396 |
| 19.235 | 20.348 | 21.333 | 22.253 | 23.157 | 24.059 | 24.985 | 26.004 | 26.823 |
| 25.504 | 26.69  | 27.819 | 28.874 | 29.891 | 30.925 | 31.969 | 33.168 | 34.207 |
| 26.804 | 27.987 | 29.087 | 30.16  | 31.118 | 32.215 | 33.15  | 34.403 | 35.327 |
| 25.358 | 26.422 | 27.4   | 28.353 | 29.19  | 30.167 | 31.033 | 32.182 | 33.07  |
| 19.857 | 20.935 | 21.906 | 22.823 | 23.722 | 24.635 | 25.547 | 26.576 | 27.417 |
| 19.767 | 20.793 | 21.729 | 22.609 | 23.525 | 24.371 | 25.305 | 26.283 | 27.169 |
| 15.349 | 16.206 | 17.136 | 17.928 | 18.721 | 19.524 | 20.326 | 21.245 | 21.981 |
| 18.965 | 20.11  | 21.121 | 22.087 | 23.028 | 23.992 | 24.917 | 25.989 | 26.819 |
| 24.668 | 25.906 | 27.088 | 28.153 | 29.164 | 30.23  | 31.21  | 32.411 | 33.357 |
| 19.709 | 20.747 | 21.667 | 22.546 | 23.375 | 24.235 | 25.058 | 26.021 | 26.749 |
| 22.317 | 23.555 | 24.708 | 25.773 | 26.803 | 27.859 | 28.895 | 30.072 | 31.08  |
| 25.705 | 26.876 | 28.026 | 29.048 | 30.001 | 30.99  | 31.921 | 33.039 | 33.936 |
| 19.382 | 20.516 | 21.524 | 22.448 | 23.36  | 24.286 | 25.208 | 26.268 | 27.124 |
| 18.424 | 19.642 | 20.713 | 21.713 | 22.644 | 23.655 | 24.611 | 25.722 | 26.595 |
| 22.321 | 23.589 | 24.751 | 25.758 | 26.773 | 27.777 | 28.857 | 29.97  | 31.006 |
| 22.928 | 24.032 | 25.041 | 26.004 | 26.863 | 27.81  | 28.7   | 29.761 | 30.641 |
| 24.532 | 25.692 | 26.822 | 27.894 | 28.855 | 29.873 | 30.864 | 32.023 | 32.967 |
| 28.019 | 29.251 | 30.445 | 31.504 | 32.557 | 33.541 | 34.658 | 35.82  | 36.863 |
| 23.399 | 24.72  | 25.872 | 26.903 | 27.873 | 28.88  | 29.901 | 31.043 | 31.987 |
| 22.01  | 23.093 | 24.094 | 25.054 | 25.87  | 26.833 | 27.67  | 28.749 | 29.504 |
| 21.161 | 22.375 | 23.458 | 24.411 | 25.366 | 26.309 | 27.305 | 28.372 | 29.264 |
| 26.522 | 27.785 | 28.944 | 29.993 | 30.971 | 31.99  | 32.965 | 34.113 | 35.026 |
| 25.881 | 27.198 | 28.395 | 29.49  | 30.494 | 31.574 | 32.608 | 33.841 | 34.805 |
| 23.655 | 24.832 | 25.947 | 26.93  | 27.904 | 28.833 | 29.865 | 30.926 | 31.948 |
| 23.913 | 25.102 | 26.22  | 27.282 | 28.256 | 29.266 | 30.231 | 31.415 | 32.366 |
| 25.382 | 26.628 | 27.807 | 28.876 | 29.88  | 30.907 | 31.956 | 33.118 | 34.152 |
| 23.189 | 24.441 | 25.562 | 26.595 | 27.607 | 28.651 | 29.65  | 30.865 | 31.853 |
| 22.904 | 24.121 | 25.231 | 26.268 | 27.28  | 28.308 | 29.288 | 30.453 | 31.436 |
| 25.752 | 26.969 | 28.104 | 29.206 | 30.119 | 31.15  | 32.07  | 33.199 | 34.039 |
| 29.525 | 30.851 | 32.085 | 33.286 | 34.342 | 35.468 | 36.504 | 37.741 | 38.663 |
| 28.161 | 29.419 | 30.629 | 31.76  | 32.683 | 33.756 | 34.696 | 35.853 | 36.702 |
| 29.146 | 30.424 | 31.596 | 32.722 | 33.701 | 34.745 | 35.702 | 36.866 | 37.729 |
| 32.432 | 33.696 | 34.928 | 36.065 | 37.055 | 38.075 | 39.076 | 40.209 | 41.08  |
| 30.713 | 31.985 | 33.226 | 34.317 | 35.361 | 36.405 | 37.428 | 38.586 | 39.497 |
| 32.378 | 33.617 | 34.846 | 35.953 | 36.927 | 38.028 | 38.964 | 40.133 | 41.016 |
| 30.144 | 31.392 | 32.547 | 33.614 | 34.579 | 35.546 | 36.452 | 37.527 | 38.34  |
| 29.203 | 30.392 | 31.512 | 32.563 | 33.469 | 34.495 | 35.388 | 36.55  | 37.362 |
| 24.343 | 25.614 | 26.796 | 27.898 | 28.939 | 30.013 | 31.074 | 32.283 | 33.332 |
| 30.97  | 32.323 | 33.607 | 34.753 | 35.799 | 36.886 | 37.91  | 39.118 | 40.085 |
| 25.896 | 27.21  | 28.427 | 29.552 | 30.566 | 31.659 | 32.653 | 33.856 | 34.773 |
| 28.167 | 29.485 | 30.759 | 31.883 | 32.946 | 34.008 | 35.042 | 36.264 | 37.239 |
| 20.273 | 21.479 | 22.536 | 23.503 | 24.436 | 25.339 | 26.328 | 27.351 | 28.185 |
| 24.617 | 25.803 | 26.937 | 27.94  | 28.99  | 29.974 | 31.021 | 32.155 | 33.162 |
| 28.845 | 30.069 | 31.247 | 32.266 | 33.33  | 34.295 | 35.366 | 36.535 | 37.577 |
| 32.308 | 33.584 | 34.816 | 35.893 | 36.939 | 38.027 | 39.094 | 40.373 | 41.401 |

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|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 27.205 | 28.399 | 29.504 | 30.537 | 31.495 | 32.537 | 33.513 | 34.712 | 35.677 |
| 19.432 | 20.559 | 21.594 | 22.466 | 23.41  | 24.29  | 25.26  | 26.262 | 27.119 |
| 25.448 | 26.614 | 27.775 | 28.825 | 29.815 | 30.838 | 31.852 | 33.026 | 34.027 |
| 21.426 | 22.591 | 23.612 | 24.539 | 25.503 | 26.44  | 27.409 | 28.493 | 29.407 |
| 24.069 | 25.393 | 26.579 | 27.67  | 28.695 | 29.754 | 30.813 | 32.064 | 33.082 |
| 23.571 | 24.835 | 25.996 | 27.072 | 28.075 | 29.126 | 30.202 | 31.416 | 32.486 |
| 27.542 | 28.723 | 29.882 | 30.913 | 31.88  | 32.935 | 33.898 | 35.129 | 36.103 |
| 23.374 | 24.421 | 25.441 | 26.328 | 27.199 | 28.09  | 28.976 | 30.005 | 30.918 |
| 20.406 | 21.542 | 22.566 | 23.505 | 24.436 | 25.316 | 26.254 | 27.212 | 28.031 |
| 25.12  | 26.207 | 27.237 | 28.14  | 29.006 | 29.893 | 30.763 | 31.754 | 32.569 |
| 24.307 | 25.53  | 26.661 | 27.685 | 28.671 | 29.685 | 30.696 | 31.875 | 32.835 |
| 26.906 | 28.165 | 29.328 | 30.351 | 31.324 | 32.347 | 33.286 | 34.467 | 35.371 |
| 21.628 | 22.851 | 23.971 | 24.967 | 25.912 | 26.908 | 27.873 | 29.001 | 29.943 |
| 21.68  | 22.847 | 23.863 | 24.774 | 25.664 | 26.517 | 27.437 | 28.403 | 29.178 |
| 25.055 | 26.256 | 27.321 | 28.314 | 29.199 | 30.172 | 31.048 | 32.146 | 33.003 |
| 22.23  | 23.465 | 24.586 | 25.619 | 26.607 | 27.649 | 28.638 | 29.832 | 30.796 |
| 24.866 | 26.078 | 27.203 | 28.215 | 29.113 | 30.086 | 31.031 | 32.14  | 33.046 |
| 25.671 | 26.885 | 28.048 | 29.076 | 30.055 | 31.05  | 32.084 | 33.247 | 34.252 |
| 30.846 | 32.033 | 33.182 | 34.212 | 35.154 | 36.129 | 37.1   | 38.255 | 39.189 |
| 24.427 | 25.619 | 26.732 | 27.716 | 28.628 | 29.614 | 30.56  | 31.732 | 32.683 |
| 23.39  | 24.465 | 25.494 | 26.387 | 27.273 | 28.199 | 29.102 | 30.15  | 31.045 |
| 27.749 | 28.929 | 30.069 | 31.039 | 31.999 | 32.938 | 33.885 | 34.999 | 35.926 |
| 27.089 | 28.254 | 29.382 | 30.32  | 31.338 | 32.26  | 33.273 | 34.384 | 35.434 |
| 26.863 | 27.992 | 29.027 | 29.982 | 30.835 | 31.795 | 32.646 | 33.747 | 34.606 |
| 23.626 | 24.885 | 26.047 | 27.102 | 28.101 | 29.201 | 30.196 | 31.432 | 32.394 |
| 22.299 | 23.521 | 24.644 | 25.623 | 26.603 | 27.63  | 28.623 | 29.769 | 30.738 |
| 29.169 | 30.452 | 31.639 | 32.645 | 33.666 | 34.69  | 35.741 | 36.973 | 38.029 |
| 21.408 | 22.542 | 23.573 | 24.489 | 25.343 | 26.272 | 27.162 | 28.225 | 29.061 |
| 21.101 | 22.33  | 23.471 | 24.501 | 25.489 | 26.548 | 27.537 | 28.709 | 29.632 |
| 21.725 | 22.932 | 23.944 | 24.907 | 25.816 | 26.761 | 27.691 | 28.73  | 29.591 |
| 24.197 | 25.241 | 26.212 | 27.045 | 27.888 | 28.678 | 29.462 | 30.386 | 31.145 |
| 20.878 | 22.156 | 23.24  | 24.236 | 25.225 | 26.187 | 27.19  | 28.319 | 29.248 |
| 18.665 | 19.671 | 20.61  | 21.432 | 22.169 | 23.014 | 23.743 | 24.671 | 25.295 |
| 19.735 | 20.957 | 22.001 | 22.952 | 23.909 | 24.875 | 25.849 | 26.928 | 27.825 |
| 13.971 | 14.756 | 15.547 | 16.256 | 16.903 | 17.603 | 18.256 | 19.043 | 19.598 |
| 18.45  | 19.784 | 20.936 | 21.993 | 23.021 | 24.09  | 25.142 | 26.373 | 27.348 |
| 25.909 | 27.118 | 28.259 | 29.302 | 30.267 | 31.289 | 32.296 | 33.475 | 34.464 |
| 27.119 | 28.143 | 29.154 | 30.017 | 30.941 | 31.848 | 32.817 | 33.942 | 34.939 |
| 25.79  | 27.026 | 28.207 | 29.23  | 30.191 | 31.205 | 32.2   | 33.423 | 34.43  |
| 19.69  | 20.809 | 21.791 | 22.707 | 23.543 | 24.458 | 25.345 | 26.416 | 27.265 |
| 26.823 | 27.94  | 29.016 | 29.955 | 30.84  | 31.797 | 32.726 | 33.929 | 34.937 |
| 25.107 | 26.153 | 27.134 | 28.091 | 28.897 | 29.826 | 30.626 | 31.661 | 32.435 |
| 22.931 | 24.073 | 25.139 | 26.103 | 27.009 | 27.95  | 28.876 | 29.951 | 30.882 |
| 24.234 | 25.394 | 26.447 | 27.404 | 28.275 | 29.226 | 30.123 | 31.179 | 32.054 |
| 19.829 | 20.825 | 21.731 | 22.558 | 23.341 | 24.168 | 24.954 | 25.887 | 26.599 |
| 20.891 | 22.024 | 22.985 | 23.879 | 24.721 | 25.582 | 26.429 | 27.349 | 28.1   |
| 20.744 | 21.906 | 22.913 | 23.851 | 24.774 | 25.666 | 26.595 | 27.588 | 28.441 |
| 18.589 | 19.53  | 20.428 | 21.178 | 21.959 | 22.738 | 23.462 | 24.341 | 24.996 |
| 21.502 | 22.694 | 23.804 | 24.817 | 25.834 | 26.845 | 27.868 | 28.996 | 30.008 |
| 19.139 | 20.22  | 21.214 | 22.125 | 23.028 | 23.921 | 24.826 | 25.848 | 26.673 |
| 18.016 | 18.785 | 19.631 | 20.304 | 21.014 | 21.698 | 22.379 | 23.15  | 23.752 |
| 15.496 | 16.325 | 17.17  | 17.883 | 18.616 | 19.335 | 20.057 | 20.892 | 21.56  |
| 23.572 | 24.766 | 25.832 | 26.848 | 27.767 | 28.76  | 29.686 | 30.803 | 31.76  |
| 15.654 | 16.473 | 17.327 | 18.026 | 18.771 | 19.488 | 20.268 | 21.093 | 21.821 |
| 22.397 | 23.522 | 24.527 | 25.47  | 26.347 | 27.243 | 28.137 | 29.179 | 30.069 |
| 20.955 | 22.089 | 23.072 | 23.917 | 24.745 | 25.603 | 26.469 | 27.473 | 28.245 |
| 16.222 | 17.164 | 18.121 | 18.894 | 19.727 | 20.515 | 21.348 | 22.259 | 22.982 |
| 16.343 | 17.265 | 18.209 | 19     | 19.779 | 20.562 | 21.376 | 22.27  | 22.97  |

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|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 21.169 | 22.402 | 23.421 | 24.343 | 25.269 | 26.184 | 27.147 | 28.225 | 29.065 |
| 26.895 | 28.035 | 29.074 | 30.066 | 30.927 | 31.919 | 32.779 | 33.939 | 34.773 |
| 25.576 | 26.774 | 27.867 | 28.909 | 29.813 | 30.8   | 31.718 | 32.894 | 33.81  |
| 29.916 | 31.21  | 32.413 | 33.535 | 34.493 | 35.586 | 36.572 | 37.799 | 38.716 |
| 33.836 | 35.178 | 36.475 | 37.627 | 38.617 | 39.766 | 40.622 | 41.782 | 42.678 |
| 23.68  | 24.613 | 25.45  | 26.249 | 26.918 | 27.706 | 28.372 | 29.238 | 29.851 |
| 30.786 | 32.051 | 33.307 | 34.422 | 35.416 | 36.482 | 37.513 | 38.702 | 39.648 |
| 31.918 | 33.145 | 34.344 | 35.426 | 36.395 | 37.372 | 38.417 | 39.527 | 40.416 |
| 35.423 | 36.72  | 37.939 | 39.032 | 40.024 | 41.136 | 42.018 | 43.171 | 44.055 |
| 37.94  | 39.312 | 40.604 | 41.806 | 42.817 | 44.04  | 44.904 | 46.077 | 46.943 |
| 38.054 | 39.396 | 40.716 | 41.943 | 43.022 | 44.264 | 45.149 | 46.394 | 47.32  |
| 37.869 | 39.226 | 40.552 | 41.754 | 42.792 | 44.068 | 44.913 | 46.2   | 47.075 |
| 35.253 | 36.456 | 37.702 | 38.79  | 39.751 | 40.916 | 41.753 | 42.917 | 43.762 |
| 33.804 | 35.153 | 36.417 | 37.646 | 38.68  | 39.932 | 40.812 | 42.035 | 42.916 |
| 37.843 | 39.114 | 40.373 | 41.515 | 42.515 | 43.674 | 44.465 | 45.595 | 46.399 |
| 32.044 | 33.185 | 34.32  | 35.332 | 36.24  | 37.206 | 38.144 | 39.225 | 40.015 |
| 35.043 | 36.273 | 37.433 | 38.491 | 39.454 | 40.553 | 41.332 | 42.412 | 43.195 |
| 39.249 | 40.454 | 41.639 | 42.642 | 43.586 | 44.684 | 45.405 | 46.468 | 47.204 |
| 37.399 | 38.536 | 39.691 | 40.707 | 41.615 | 42.656 | 43.489 | 44.493 | 45.27  |
| 39.083 | 40.496 | 41.775 | 42.963 | 44.038 | 45.259 | 46.149 | 47.371 | 48.27  |
| 36.179 | 37.467 | 38.757 | 39.931 | 40.976 | 42.148 | 43.069 | 44.28  | 45.217 |
| 34.135 | 35.525 | 36.893 | 38.082 | 39.242 | 40.475 | 41.474 | 42.727 | 43.758 |
| 30.17  | 31.413 | 32.615 | 33.682 | 34.672 | 35.678 | 36.642 | 37.794 | 38.728 |
| 29.065 | 30.324 | 31.496 | 32.567 | 33.6   | 34.618 | 35.636 | 36.827 | 37.791 |
| 27.589 | 28.795 | 30.015 | 31.098 | 32.113 | 33.208 | 34.195 | 35.418 | 36.39  |
| 21.579 | 22.662 | 23.663 | 24.576 | 25.455 | 26.369 | 27.263 | 28.293 | 29.112 |
| 26.241 | 27.547 | 28.784 | 29.903 | 30.97  | 32.031 | 33.128 | 34.35  | 35.407 |
| 28.426 | 29.694 | 30.881 | 32.002 | 32.954 | 34.007 | 34.993 | 36.186 | 37.106 |
| 28.514 | 29.723 | 30.878 | 31.929 | 32.846 | 33.799 | 34.761 | 35.869 | 36.779 |
| 27.285 | 28.409 | 29.539 | 30.518 | 31.398 | 32.322 | 33.237 | 34.29  | 35.189 |
| 23.797 | 24.804 | 25.749 | 26.64  | 27.395 | 28.281 | 29.021 | 30.005 | 30.725 |
| 33.71  | 34.979 | 36.19  | 37.276 | 38.234 | 39.386 | 40.204 | 41.381 | 42.266 |
| 28.12  | 29.247 | 30.338 | 31.292 | 32.154 | 33.059 | 33.976 | 35.004 | 35.849 |
| 26.731 | 27.814 | 28.803 | 29.679 | 30.505 | 31.36  | 32.18  | 33.17  | 33.965 |
| 28.327 | 29.449 | 30.531 | 31.458 | 32.359 | 33.262 | 34.172 | 35.227 | 36.133 |
| 22.745 | 23.808 | 24.759 | 25.595 | 26.41  | 27.219 | 28.073 | 28.998 | 29.788 |
| 27.221 | 28.407 | 29.565 | 30.514 | 31.468 | 32.407 | 33.374 | 34.487 | 35.464 |
| 24.064 | 25.263 | 26.347 | 27.216 | 28.119 | 28.987 | 29.935 | 30.97  | 31.874 |
| 24.432 | 25.557 | 26.607 | 27.556 | 28.418 | 29.345 | 30.21  | 31.261 | 32.138 |
| 21.073 | 22.111 | 23.065 | 23.848 | 24.693 | 25.413 | 26.298 | 27.134 | 27.931 |
| 23.27  | 24.322 | 25.271 | 26.138 | 26.9   | 27.785 | 28.585 | 29.557 | 30.337 |
| 22.909 | 24.078 | 25.137 | 26.031 | 26.951 | 27.841 | 28.757 | 29.776 | 30.662 |
| 17.153 | 18.002 | 18.895 | 19.642 | 20.301 | 21.089 | 21.736 | 22.597 | 23.134 |
| 27.21  | 28.489 | 29.682 | 30.733 | 31.692 | 32.733 | 33.708 | 34.952 | 35.916 |
| 28.291 | 29.381 | 30.499 | 31.458 | 32.351 | 33.312 | 34.26  | 35.39  | 36.312 |
| 23.333 | 24.39  | 25.338 | 26.219 | 27.022 | 27.89  | 28.723 | 29.741 | 30.602 |
| 18.29  | 19.285 | 20.221 | 21.013 | 21.803 | 22.614 | 23.416 | 24.348 | 25.046 |
| 22.563 | 23.604 | 24.567 | 25.411 | 26.264 | 27.067 | 27.984 | 28.944 | 29.836 |
| 20.323 | 21.302 | 22.183 | 22.982 | 23.713 | 24.529 | 25.27  | 26.195 | 26.872 |
| 16.75  | 17.556 | 18.423 | 19.094 | 19.809 | 20.47  | 21.176 | 21.93  | 22.538 |
| 26.19  | 27.372 | 28.478 | 29.416 | 30.341 | 31.223 | 32.192 | 33.226 | 34.187 |
| 23.548 | 24.644 | 25.688 | 26.589 | 27.489 | 28.395 | 29.313 | 30.37  | 31.348 |
| 27.736 | 28.969 | 30.084 | 31.069 | 32.009 | 32.958 | 33.905 | 35.048 | 35.997 |
| 20.957 | 22.181 | 23.164 | 24.089 | 24.984 | 25.85  | 26.756 | 27.75  | 28.583 |
| 30.264 | 31.486 | 32.615 | 33.608 | 34.538 | 35.486 | 36.419 | 37.521 | 38.45  |
| 25.355 | 26.571 | 27.702 | 28.697 | 29.625 | 30.594 | 31.521 | 32.67  | 33.605 |
| 25.816 | 27.073 | 28.203 | 29.266 | 30.231 | 31.281 | 32.216 | 33.433 | 34.4   |
| 25.877 | 26.927 | 27.954 | 28.796 | 29.694 | 30.522 | 31.457 | 32.458 | 33.39  |

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|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 17.577 | 18.509 | 19.468 | 20.237 | 20.971 | 21.733 | 22.497 | 23.381 | 24.034 |
| 33.649 | 34.859 | 36.012 | 37.006 | 37.948 | 38.985 | 39.885 | 41.053 | 42.034 |
| 25.353 | 26.42  | 27.388 | 28.286 | 29.014 | 29.9   | 30.714 | 31.753 | 32.596 |
| 13.946 | 14.687 | 15.409 | 16.008 | 16.595 | 17.201 | 17.786 | 18.458 | 18.966 |
| 18.736 | 19.776 | 20.735 | 21.573 | 22.335 | 23.187 | 23.971 | 24.933 | 25.621 |
| 20.867 | 22.059 | 23.043 | 23.939 | 24.841 | 25.734 | 26.677 | 27.707 | 28.581 |
| 26.149 | 27.36  | 28.515 | 29.474 | 30.51  | 31.446 | 32.492 | 33.577 | 34.582 |
| 14.014 | 14.776 | 15.525 | 16.188 | 16.763 | 17.445 | 18.056 | 18.828 | 19.358 |
| 25.282 | 26.409 | 27.5   | 28.454 | 29.397 | 30.359 | 31.293 | 32.444 | 33.403 |
| 15.541 | 16.412 | 17.223 | 17.972 | 18.627 | 19.388 | 20.086 | 20.978 | 21.573 |
| 28.613 | 29.729 | 30.788 | 31.746 | 32.612 | 33.527 | 34.415 | 35.513 | 36.403 |
| 27.061 | 28.068 | 29.074 | 29.925 | 30.734 | 31.54  | 32.382 | 33.337 | 34.168 |
| 21.115 | 22.146 | 23.044 | 23.851 | 24.644 | 25.468 | 26.287 | 27.233 | 27.976 |
| 16.365 | 17.268 | 18.165 | 18.95  | 19.678 | 20.457 | 21.211 | 22.109 | 22.75  |
| 25.755 | 26.899 | 28.015 | 28.973 | 29.942 | 30.907 | 31.884 | 33.029 | 34.043 |
| 22.148 | 23.368 | 24.423 | 25.437 | 26.345 | 27.343 | 28.284 | 29.455 | 30.381 |
| 20.146 | 21.319 | 22.326 | 23.248 | 24.163 | 25.06  | 26.017 | 27.072 | 27.935 |
| 27.327 | 28.532 | 29.703 | 30.755 | 31.745 | 32.797 | 33.79  | 35.01  | 36.018 |
| 25.519 | 26.86  | 28.122 | 29.203 | 30.229 | 31.286 | 32.368 | 33.603 | 34.633 |
| 27.136 | 28.277 | 29.353 | 30.311 | 31.222 | 32.134 | 33.118 | 34.201 | 35.172 |
| 20.193 | 21.363 | 22.351 | 23.306 | 24.217 | 25.15  | 26.046 | 27.116 | 27.917 |
| 25.209 | 26.367 | 27.515 | 28.495 | 29.511 | 30.465 | 31.526 | 32.645 | 33.708 |
| 34.815 | 36.05  | 37.228 | 38.277 | 39.258 | 40.361 | 41.209 | 42.348 | 43.231 |
| 37.256 | 38.545 | 39.785 | 40.912 | 41.862 | 43.05  | 43.873 | 45.053 | 45.93  |
| 35.284 | 36.526 | 37.783 | 38.864 | 39.854 | 41.01  | 41.891 | 43.047 | 43.979 |
| 32.332 | 33.506 | 34.665 | 35.674 | 36.588 | 37.521 | 38.472 | 39.525 | 40.396 |
| 32.001 | 33.217 | 34.373 | 35.361 | 36.314 | 37.276 | 38.223 | 39.314 | 40.186 |
| 31.997 | 33.199 | 34.38  | 35.403 | 36.395 | 37.343 | 38.358 | 39.429 | 40.332 |
| 36.752 | 37.925 | 39.132 | 40.156 | 41.086 | 42.183 | 42.959 | 44.084 | 44.935 |
| 36.462 | 37.726 | 38.971 | 40.088 | 41.05  | 42.224 | 43.097 | 44.291 | 45.202 |
| 34.626 | 35.9   | 37.107 | 38.159 | 39.161 | 40.299 | 41.163 | 42.323 | 43.221 |
| 36.023 | 37.221 | 38.475 | 39.505 | 40.483 | 41.585 | 42.417 | 43.569 | 44.437 |
| 21.762 | 22.211 | 22.685 | 23.043 | 23.345 | 23.73  | 24.007 | 24.432 | 24.607 |
| 30.217 | 31.558 | 32.799 | 33.92  | 34.923 | 35.999 | 36.963 | 38.133 | 39.075 |
| 38.778 | 40.045 | 41.232 | 42.302 | 43.229 | 44.408 | 45.19  | 46.363 | 47.211 |
| 35.069 | 36.35  | 37.649 | 38.769 | 39.835 | 40.948 | 41.855 | 42.99  | 43.917 |
| 32.915 | 34.205 | 35.522 | 36.65  | 37.65  | 38.774 | 39.726 | 40.864 | 41.713 |
| 36.34  | 37.635 | 38.9   | 39.962 | 40.937 | 42.073 | 42.959 | 44.084 | 44.972 |
| 31.713 | 33.019 | 34.332 | 35.449 | 36.487 | 37.521 | 38.592 | 39.722 | 40.652 |
| 37.642 | 39.045 | 40.421 | 41.662 | 42.746 | 44.051 | 44.966 | 46.241 | 47.208 |
| 34.739 | 35.985 | 37.245 | 38.32  | 39.326 | 40.456 | 41.314 | 42.424 | 43.279 |
| 33.787 | 35.072 | 36.406 | 37.491 | 38.576 | 39.681 | 40.627 | 41.769 | 42.721 |
| 35.638 | 36.953 | 38.203 | 39.3   | 40.287 | 41.397 | 42.27  | 43.388 | 44.243 |
| 35.443 | 36.757 | 38.022 | 39.106 | 40.117 | 41.246 | 42.078 | 43.256 | 44.12  |
| 35.507 | 36.821 | 38.075 | 39.158 | 40.154 | 41.332 | 42.179 | 43.355 | 44.237 |
| 38.069 | 39.44  | 40.815 | 41.991 | 43.068 | 44.279 | 45.227 | 46.454 | 47.438 |
| 32.674 | 34.088 | 35.456 | 36.63  | 37.733 | 38.977 | 39.951 | 41.249 | 42.289 |
| 27.505 | 28.853 | 30.15  | 31.259 | 32.262 | 33.294 | 34.37  | 35.587 | 36.51  |
| 27.83  | 29.126 | 30.315 | 31.484 | 32.426 | 33.593 | 34.549 | 35.853 | 36.737 |
| 31.606 | 32.965 | 34.273 | 35.406 | 36.486 | 37.577 | 38.674 | 39.923 | 40.91  |
| 22.659 | 24.019 | 25.214 | 26.275 | 27.282 | 28.282 | 29.396 | 30.542 | 31.547 |
| 29.107 | 30.33  | 31.518 | 32.538 | 33.549 | 34.524 | 35.545 | 36.693 | 37.68  |
| 31.43  | 32.758 | 33.981 | 35.121 | 36.162 | 37.26  | 38.315 | 39.557 | 40.543 |
| 25.763 | 27.036 | 28.221 | 29.286 | 30.334 | 31.358 | 32.411 | 33.604 | 34.602 |
| 37.387 | 38.735 | 40.078 | 41.221 | 42.294 | 43.486 | 44.383 | 45.569 | 46.516 |
| 24.452 | 25.712 | 26.918 | 27.992 | 28.994 | 30.072 | 31.077 | 32.288 | 33.215 |
| 33.322 | 34.658 | 35.996 | 37.118 | 38.209 | 39.42  | 40.406 | 41.635 | 42.65  |
| 34.551 | 35.812 | 37.041 | 38.118 | 39.101 | 40.262 | 41.138 | 42.306 | 43.203 |

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|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 29.718 | 31.071 | 32.353 | 33.492 | 34.562 | 35.651 | 36.712 | 37.945 | 38.909 |
| 33.758 | 35.136 | 36.473 | 37.568 | 38.715 | 39.952 | 40.945 | 42.176 | 43.216 |
| 25.969 | 27.259 | 28.454 | 29.563 | 30.598 | 31.711 | 32.757 | 34.011 | 35.01  |
| 30.309 | 31.664 | 32.885 | 34.042 | 35.063 | 36.199 | 37.248 | 38.51  | 39.472 |
| 32.142 | 33.593 | 34.92  | 36.039 | 37.177 | 38.272 | 39.441 | 40.721 | 41.804 |
| 35.477 | 36.778 | 38.056 | 39.202 | 40.253 | 41.476 | 42.424 | 43.691 | 44.739 |
| 31.072 | 32.369 | 33.66  | 34.803 | 35.853 | 36.995 | 38.096 | 39.403 | 40.468 |
| 38.121 | 39.292 | 40.52  | 41.57  | 42.57  | 43.752 | 44.641 | 45.88  | 46.903 |
| 34.839 | 36.053 | 37.219 | 38.262 | 39.186 | 40.356 | 41.215 | 42.464 | 43.468 |
| 30.75  | 31.994 | 33.229 | 34.376 | 35.348 | 36.497 | 37.545 | 38.851 | 39.877 |
| 31.051 | 32.333 | 33.556 | 34.639 | 35.629 | 36.65  | 37.627 | 38.768 | 39.641 |
| 27.069 | 28.273 | 29.501 | 30.61  | 31.603 | 32.688 | 33.61  | 34.803 | 35.646 |
| 35.753 | 37.033 | 38.366 | 39.489 | 40.517 | 41.743 | 42.63  | 43.821 | 44.711 |
| 30.742 | 32.078 | 33.444 | 34.555 | 35.674 | 36.731 | 37.868 | 39.041 | 40.068 |
| 35.122 | 36.462 | 37.841 | 39.003 | 40.08  | 41.255 | 42.234 | 43.374 | 44.326 |
| 37.411 | 38.841 | 40.242 | 41.479 | 42.573 | 43.852 | 44.803 | 46.079 | 47.027 |
| 33.147 | 34.465 | 35.713 | 36.814 | 37.8   | 38.831 | 39.797 | 40.916 | 41.752 |
| 32.697 | 33.912 | 35.15  | 36.26  | 37.181 | 38.238 | 39.2   | 40.382 | 41.224 |
| 30.691 | 31.983 | 33.239 | 34.367 | 35.363 | 36.399 | 37.436 | 38.594 | 39.526 |
| 25.069 | 26.34  | 27.57  | 28.625 | 29.627 | 30.652 | 31.69  | 32.844 | 33.778 |
| 30.943 | 32.246 | 33.511 | 34.689 | 35.616 | 36.766 | 37.764 | 39.04  | 39.921 |
| 29.522 | 30.839 | 32.152 | 33.271 | 34.311 | 35.36  | 36.476 | 37.656 | 38.648 |
| 24.339 | 25.523 | 26.631 | 27.59  | 28.523 | 29.447 | 30.433 | 31.475 | 32.403 |
| 25.174 | 26.446 | 27.621 | 28.653 | 29.685 | 30.716 | 31.75  | 32.894 | 33.876 |
| 28.597 | 29.82  | 31.076 | 32.213 | 33.222 | 34.361 | 35.453 | 36.761 | 37.809 |
| 25.844 | 27.063 | 28.279 | 29.368 | 30.383 | 31.506 | 32.545 | 33.819 | 34.852 |
| 28.558 | 29.781 | 31.044 | 32.208 | 33.222 | 34.344 | 35.431 | 36.666 | 37.665 |
| 25.043 | 26.252 | 27.415 | 28.501 | 29.518 | 30.597 | 31.623 | 32.845 | 33.799 |
| 33.767 | 34.941 | 36.128 | 37.159 | 38.085 | 39.038 | 40.011 | 41.118 | 41.949 |
| 33.631 | 34.833 | 36.035 | 37.052 | 37.981 | 38.988 | 39.981 | 41.109 | 42.012 |
| 35.617 | 36.704 | 37.814 | 38.789 | 39.618 | 40.644 | 41.368 | 42.413 | 43.166 |
| 31.922 | 33.117 | 34.246 | 35.249 | 36.107 | 37.034 | 37.894 | 38.932 | 39.669 |
| 34.372 | 35.474 | 36.559 | 37.56  | 38.338 | 39.236 | 40.088 | 41.073 | 41.756 |
| 33.147 | 34.25  | 35.351 | 36.326 | 37.173 | 38.079 | 38.956 | 39.994 | 40.753 |
| 34.895 | 35.985 | 37.1   | 38.027 | 38.868 | 39.802 | 40.643 | 41.667 | 42.414 |
| 36.159 | 37.214 | 38.336 | 39.267 | 40.093 | 41.108 | 41.845 | 42.831 | 43.544 |
| 33.195 | 34.174 | 35.249 | 36.111 | 36.923 | 37.706 | 38.569 | 39.479 | 40.21  |
| 36.489 | 37.575 | 38.717 | 39.613 | 40.485 | 41.486 | 42.32  | 43.318 | 44.1   |
| 34.32  | 35.344 | 36.449 | 37.338 | 38.151 | 39.027 | 39.889 | 40.849 | 41.564 |
| 36.693 | 37.729 | 38.781 | 39.613 | 40.43  | 41.352 | 42.026 | 42.958 | 43.587 |
| 39.405 | 40.519 | 41.678 | 42.696 | 43.608 | 44.688 | 45.47  | 46.546 | 47.322 |
| 35.232 | 36.371 | 37.543 | 38.417 | 39.415 | 40.325 | 41.292 | 42.321 | 43.16  |
| 34.676 | 35.793 | 36.967 | 37.958 | 38.838 | 39.802 | 40.702 | 41.781 | 42.535 |
| 34.965 | 36.104 | 37.278 | 38.304 | 39.167 | 40.176 | 41.077 | 42.156 | 42.928 |
| 40.1   | 41.26  | 42.469 | 43.499 | 44.462 | 45.575 | 46.376 | 47.5   | 48.272 |
| 38.756 | 39.854 | 41.037 | 42.039 | 42.902 | 43.92  | 44.733 | 45.72  | 46.577 |
| 39.607 | 40.666 | 41.856 | 42.844 | 43.71  | 44.773 | 45.53  | 46.534 | 47.365 |
| 40.448 | 41.513 | 42.751 | 43.645 | 44.543 | 45.485 | 46.255 | 47.123 | 47.931 |
| 40.628 | 41.767 | 43.016 | 44.064 | 44.992 | 46.057 | 46.852 | 47.875 | 48.731 |
| 38.613 | 39.764 | 41.052 | 42.061 | 42.981 | 44.033 | 44.865 | 45.897 | 46.732 |
| 36.338 | 37.462 | 38.761 | 39.798 | 40.826 | 41.966 | 42.906 | 44.058 | 45.055 |
| 34.569 | 35.651 | 36.855 | 37.768 | 38.74  | 39.615 | 40.545 | 41.509 | 42.38  |
| 32.311 | 33.473 | 34.685 | 35.749 | 36.722 | 37.738 | 38.768 | 39.887 | 40.873 |
| 39.771 | 40.923 | 42.223 | 43.244 | 44.19  | 45.292 | 46.091 | 47.128 | 47.966 |
| 41.734 | 42.893 | 44.214 | 45.252 | 46.165 | 47.26  | 48.091 | 49.123 | 49.963 |
| 41.701 | 42.893 | 44.257 | 45.342 | 46.267 | 47.345 | 48.213 | 49.262 | 50.071 |
| 40.758 | 41.957 | 43.34  | 44.457 | 45.449 | 46.62  | 47.529 | 48.675 | 49.57  |
| 40.947 | 42.232 | 43.617 | 44.76  | 45.789 | 46.95  | 47.877 | 49.006 | 49.959 |

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|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 38.912 | 40.14  | 41.521 | 42.676 | 43.659 | 44.814 | 45.739 | 46.9   | 47.827 |
| 38.26  | 39.537 | 40.894 | 42.016 | 43.058 | 44.231 | 45.136 | 46.309 | 47.244 |
| 38.271 | 39.545 | 40.854 | 41.96  | 43.003 | 44.171 | 45.161 | 46.339 | 47.294 |
| 39.093 | 40.422 | 41.784 | 43.004 | 43.989 | 45.271 | 46.149 | 47.386 | 48.341 |
| 39.789 | 41.108 | 42.495 | 43.686 | 44.678 | 45.952 | 46.851 | 48.119 | 49.081 |
| 40.2   | 41.573 | 42.968 | 44.146 | 45.171 | 46.43  | 47.331 | 48.555 | 49.513 |
| 38.622 | 39.984 | 41.402 | 42.504 | 43.606 | 44.787 | 45.773 | 46.969 | 47.982 |
| 30.128 | 31.505 | 32.763 | 33.91  | 34.874 | 35.973 | 37.041 | 38.317 | 39.271 |
| 36.597 | 37.867 | 39.157 | 40.201 | 41.223 | 42.305 | 43.318 | 44.471 | 45.584 |
| 26.669 | 27.874 | 29.104 | 30.142 | 31.154 | 32.201 | 33.286 | 34.476 | 35.543 |
| 28.794 | 30.116 | 31.394 | 32.467 | 33.542 | 34.591 | 35.712 | 36.93  | 37.982 |
| 27.239 | 28.488 | 29.755 | 30.822 | 31.818 | 32.863 | 33.92  | 35.112 | 36.08  |
| 26.176 | 27.418 | 28.688 | 29.782 | 30.837 | 31.901 | 33.023 | 34.261 | 35.334 |
| 30.289 | 31.63  | 33.02  | 34.126 | 35.29  | 36.329 | 37.532 | 38.742 | 39.844 |
| 27.061 | 28.339 | 29.612 | 30.613 | 31.706 | 32.65  | 33.833 | 34.894 | 35.989 |
| 25.653 | 26.904 | 28.169 | 29.261 | 30.323 | 31.378 | 32.524 | 33.726 | 34.852 |
| 28.296 | 29.463 | 30.686 | 31.732 | 32.743 | 33.783 | 34.872 | 36.07  | 37.143 |
| 28.626 | 29.793 | 31.092 | 32.171 | 33.246 | 34.297 | 35.466 | 36.65  | 37.757 |
| 32.678 | 33.737 | 34.836 | 35.77  | 36.637 | 37.525 | 38.429 | 39.531 | 40.425 |
| 36.177 | 37.28  | 38.468 | 39.445 | 40.332 | 41.472 | 42.299 | 43.453 | 44.361 |
| 37.306 | 38.174 | 39.132 | 39.925 | 40.733 | 41.738 | 42.487 | 43.578 | 44.413 |
| 33.282 | 34.302 | 35.397 | 36.27  | 37.031 | 37.833 | 38.709 | 39.618 | 40.378 |
| 31.867 | 32.734 | 33.654 | 34.472 | 35.067 | 35.827 | 36.525 | 37.361 | 37.954 |
| 32.287 | 33.259 | 34.352 | 35.249 | 35.986 | 36.789 | 37.604 | 38.473 | 39.163 |
| 31.07  | 31.887 | 32.755 | 33.392 | 34.056 | 34.667 | 35.341 | 36.061 | 36.639 |
| 28.391 | 29.091 | 29.96  | 30.585 | 31.154 | 31.766 | 32.416 | 33.08  | 33.662 |
| 27.081 | 27.669 | 28.382 | 28.867 | 29.344 | 29.827 | 30.387 | 30.947 | 31.448 |
| 27.456 | 28.283 | 29.151 | 29.913 | 30.581 | 31.313 | 32.033 | 32.832 | 33.475 |
| 30.052 | 30.889 | 31.814 | 32.515 | 33.247 | 33.94  | 34.714 | 35.508 | 36.206 |
| 30.759 | 31.456 | 32.238 | 32.837 | 33.383 | 33.955 | 34.552 | 35.217 | 35.743 |
| 26.48  | 27.152 | 27.904 | 28.501 | 29.078 | 29.683 | 30.311 | 31.004 | 31.621 |
| 27.967 | 28.778 | 29.661 | 30.419 | 31.062 | 31.811 | 32.523 | 33.354 | 33.97  |
| 30.487 | 31.376 | 32.351 | 33.141 | 33.906 | 34.643 | 35.452 | 36.29  | 37.04  |
| 29.083 | 29.883 | 30.8   | 31.495 | 32.173 | 32.838 | 33.614 | 34.37  | 35.049 |
| 33.389 | 34.318 | 35.374 | 36.204 | 36.945 | 37.73  | 38.575 | 39.446 | 40.117 |
| 34.319 | 35.227 | 36.236 | 36.987 | 37.683 | 38.456 | 39.227 | 40.062 | 40.665 |
| 36.009 | 37.046 | 38.145 | 39.076 | 39.788 | 40.699 | 41.526 | 42.486 | 43.213 |
| 28.764 | 29.422 | 30.148 | 30.688 | 31.264 | 31.932 | 32.747 | 33.629 | 34.42  |
| 35.899 | 36.813 | 37.875 | 38.732 | 39.53  | 40.342 | 41.177 | 42.052 | 42.745 |
| 32.243 | 33.246 | 34.349 | 35.255 | 36.067 | 36.925 | 37.76  | 38.728 | 39.43  |
| 31.187 | 32.204 | 33.339 | 34.229 | 35.072 | 35.899 | 36.775 | 37.705 | 38.473 |
| 32.612 | 33.7   | 34.771 | 35.706 | 36.488 | 37.316 | 38.201 | 39.164 | 39.888 |
| 34.054 | 35.142 | 36.342 | 37.276 | 38.149 | 39.013 | 39.915 | 40.895 | 41.709 |
| 30.761 | 31.93  | 33.144 | 34.091 | 35.019 | 35.952 | 36.912 | 37.976 | 38.829 |
| 31.327 | 32.455 | 33.712 | 34.718 | 35.661 | 36.638 | 37.709 | 38.838 | 39.864 |
| 28.369 | 29.335 | 30.35  | 31.235 | 32.022 | 32.91  | 33.737 | 34.736 | 35.477 |
| 26.649 | 27.538 | 28.477 | 29.238 | 29.996 | 30.777 | 31.545 | 32.402 | 33.067 |
| 26.443 | 27.375 | 28.356 | 29.193 | 29.959 | 30.809 | 31.591 | 32.521 | 33.227 |
| 28.822 | 29.855 | 30.934 | 31.748 | 32.696 | 33.535 | 34.438 | 35.356 | 36.149 |
| 27.958 | 28.916 | 29.967 | 30.807 | 31.703 | 32.521 | 33.404 | 34.358 | 35.15  |
| 27.882 | 28.901 | 29.984 | 30.926 | 31.749 | 32.665 | 33.547 | 34.583 | 35.387 |
| 26.421 | 27.401 | 28.423 | 29.258 | 30.121 | 30.969 | 31.829 | 32.789 | 33.574 |
| 28.373 | 29.438 | 30.536 | 31.425 | 32.308 | 33.189 | 34.111 | 35.111 | 35.929 |
| 28.669 | 29.794 | 30.944 | 31.858 | 32.791 | 33.735 | 34.725 | 35.793 | 36.685 |
| 26.589 | 27.731 | 28.916 | 29.858 | 30.846 | 31.808 | 32.832 | 33.925 | 34.88  |
| 21.962 | 23.114 | 24.231 | 25.207 | 26.202 | 27.179 | 28.214 | 29.328 | 30.299 |
| 21.659 | 22.785 | 23.863 | 24.814 | 25.731 | 26.677 | 27.677 | 28.755 | 29.686 |
| 19.699 | 20.703 | 21.655 | 22.499 | 23.358 | 24.228 | 25.133 | 26.154 | 26.996 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 27.085 | 28.207 | 29.341 | 30.324 | 31.238 | 32.223 | 33.204 | 34.352 | 35.313 |
| 27.707 | 28.856 | 29.948 | 30.947 | 31.843 | 32.811 | 33.786 | 34.919 | 35.82  |
| 26.819 | 27.919 | 29.028 | 29.971 | 30.891 | 31.798 | 32.798 | 33.874 | 34.859 |
| 25.459 | 26.586 | 27.72  | 28.578 | 29.569 | 30.53  | 31.394 | 32.496 | 33.496 |
| 30.546 | 31.787 | 33.067 | 34.103 | 35.121 | 36.188 | 37.239 | 38.461 | 39.47  |
| 29.276 | 30.531 | 31.803 | 32.866 | 33.877 | 34.922 | 35.99  | 37.195 | 38.177 |
| 26.454 | 27.615 | 28.822 | 29.834 | 30.802 | 31.811 | 32.859 | 34.028 | 34.992 |
| 22.708 | 23.897 | 24.977 | 25.946 | 26.934 | 27.887 | 28.877 | 29.971 | 30.874 |
| 23.227 | 24.449 | 25.559 | 26.601 | 27.495 | 28.583 | 29.527 | 30.752 | 31.706 |
| 23.998 | 25.19  | 26.287 | 27.316 | 28.229 | 29.304 | 30.208 | 31.448 | 32.336 |
| 27.073 | 28.339 | 29.593 | 30.702 | 31.674 | 32.783 | 33.814 | 35.132 | 36.2   |
| 26.167 | 27.295 | 28.415 | 29.358 | 30.258 | 31.231 | 32.287 | 33.485 | 34.571 |
| 29.722 | 31.028 | 32.335 | 33.484 | 34.556 | 35.694 | 36.826 | 38.192 | 39.323 |
| 29.743 | 30.89  | 32.095 | 33.12  | 34.089 | 35.056 | 36.124 | 37.302 | 38.355 |
| 27.749 | 28.79  | 29.885 | 30.756 | 31.642 | 32.504 | 33.407 | 34.424 | 35.276 |
| 26.829 | 27.959 | 29.084 | 30.07  | 30.965 | 31.943 | 32.907 | 34.096 | 35.079 |
| 30.265 | 31.359 | 32.537 | 33.542 | 34.362 | 35.344 | 36.297 | 37.419 | 38.288 |
| 31.132 | 32.234 | 33.399 | 34.384 | 35.231 | 36.224 | 37.14  | 38.261 | 39.056 |
| 31.553 | 32.592 | 33.751 | 34.621 | 35.509 | 36.394 | 37.358 | 38.389 | 39.239 |
| 30.41  | 31.45  | 32.56  | 33.498 | 34.308 | 35.253 | 36.141 | 37.222 | 38.019 |
| 31.31  | 32.39  | 33.521 | 34.479 | 35.325 | 36.265 | 37.18  | 38.26  | 39.084 |
| 29.46  | 30.573 | 31.775 | 32.645 | 33.601 | 34.466 | 35.43  | 36.451 | 37.419 |
| 32.853 | 34.005 | 35.281 | 36.326 | 37.256 | 38.309 | 39.278 | 40.536 | 41.467 |
| 28.969 | 30.028 | 31.113 | 32.034 | 32.906 | 33.792 | 34.747 | 35.767 | 36.635 |
| 32.019 | 33.118 | 34.328 | 35.303 | 36.189 | 37.165 | 38.111 | 39.208 | 40.063 |
| 29.606 | 30.651 | 31.78  | 32.647 | 33.462 | 34.343 | 35.24  | 36.276 | 37.128 |
| 26.805 | 27.858 | 28.882 | 29.808 | 30.625 | 31.499 | 32.376 | 33.374 | 34.197 |
| 32.851 | 34.079 | 35.354 | 36.38  | 37.372 | 38.372 | 39.503 | 40.717 | 41.77  |
| 30.122 | 31.269 | 32.463 | 33.449 | 34.396 | 35.363 | 36.398 | 37.581 | 38.587 |
| 35.886 | 36.792 | 37.837 | 38.661 | 39.359 | 40.228 | 40.965 | 41.897 | 42.512 |
| 31.467 | 32.538 | 33.613 | 34.52  | 35.265 | 36.117 | 36.94  | 37.958 | 38.731 |
| 36.063 | 37.214 | 38.383 | 39.378 | 40.314 | 41.412 | 42.255 | 43.433 | 44.379 |
| 31.106 | 32.304 | 33.484 | 34.492 | 35.434 | 36.402 | 37.371 | 38.558 | 39.529 |
| 25.066 | 26.183 | 27.267 | 28.239 | 29.162 | 30.177 | 31.151 | 32.335 | 33.321 |
| 30.663 | 31.833 | 33.004 | 34.055 | 34.955 | 35.984 | 36.991 | 38.23  | 39.238 |
| 23.046 | 23.965 | 24.881 | 25.623 | 26.427 | 27.234 | 28.064 | 28.986 | 29.743 |
| 27.684 | 28.71  | 29.815 | 30.743 | 31.628 | 32.576 | 33.499 | 34.606 | 35.504 |
| 25.143 | 26.155 | 27.18  | 28.062 | 28.91  | 29.871 | 30.795 | 31.913 | 32.857 |
| 24.49  | 25.433 | 26.386 | 27.221 | 28.038 | 28.906 | 29.823 | 30.831 | 31.72  |
| 25.265 | 26.154 | 27.082 | 27.861 | 28.645 | 29.482 | 30.325 | 31.296 | 32.129 |
| 26.777 | 27.783 | 28.838 | 29.747 | 30.62  | 31.564 | 32.514 | 33.573 | 34.475 |
| 26.656 | 27.653 | 28.663 | 29.511 | 30.335 | 31.234 | 32.14  | 33.168 | 34.052 |
| 25.133 | 26.164 | 27.24  | 28.206 | 29.093 | 30.081 | 31.045 | 32.169 | 33.104 |
| 24.31  | 25.334 | 26.388 | 27.263 | 28.149 | 29.081 | 30.058 | 31.14  | 32.092 |
| 26.614 | 27.688 | 28.789 | 29.759 | 30.644 | 31.64  | 32.627 | 33.792 | 34.732 |
| 27.467 | 28.543 | 29.659 | 30.621 | 31.572 | 32.546 | 33.578 | 34.743 | 35.769 |
| 26.747 | 27.81  | 28.865 | 29.813 | 30.737 | 31.725 | 32.725 | 33.858 | 34.807 |
| 24.853 | 25.891 | 26.908 | 27.816 | 28.743 | 29.719 | 30.694 | 31.855 | 32.85  |
| 19.408 | 20.027 | 20.882 | 21.564 | 22.245 | 23.045 | 23.795 | 24.714 | 25.418 |
| 6.12   | 6.263  | 6.485  | 6.639  | 6.87   | 7.071  | 7.332  | 7.607  | 7.891  |
| 22.074 | 23.002 | 23.905 | 24.763 | 25.601 | 26.523 | 27.445 | 28.516 | 29.356 |
| 25.888 | 26.923 | 28.027 | 28.98  | 29.893 | 30.911 | 31.957 | 33.141 | 34.193 |
| 28.301 | 29.399 | 30.581 | 31.567 | 32.496 | 33.503 | 34.548 | 35.693 | 36.708 |
| 26.093 | 27.195 | 28.331 | 29.328 | 30.317 | 31.352 | 32.406 | 33.604 | 34.64  |
| 30.206 | 31.356 | 32.525 | 33.561 | 34.51  | 35.547 | 36.584 | 37.783 | 38.723 |
| 28.981 | 30.162 | 31.355 | 32.415 | 33.412 | 34.572 | 35.682 | 37.022 | 38.113 |
| 27.59  | 28.754 | 29.953 | 30.982 | 31.98  | 33.044 | 34.139 | 35.37  | 36.415 |
| 25.91  | 26.959 | 27.98  | 28.885 | 29.819 | 30.772 | 31.711 | 32.796 | 33.695 |

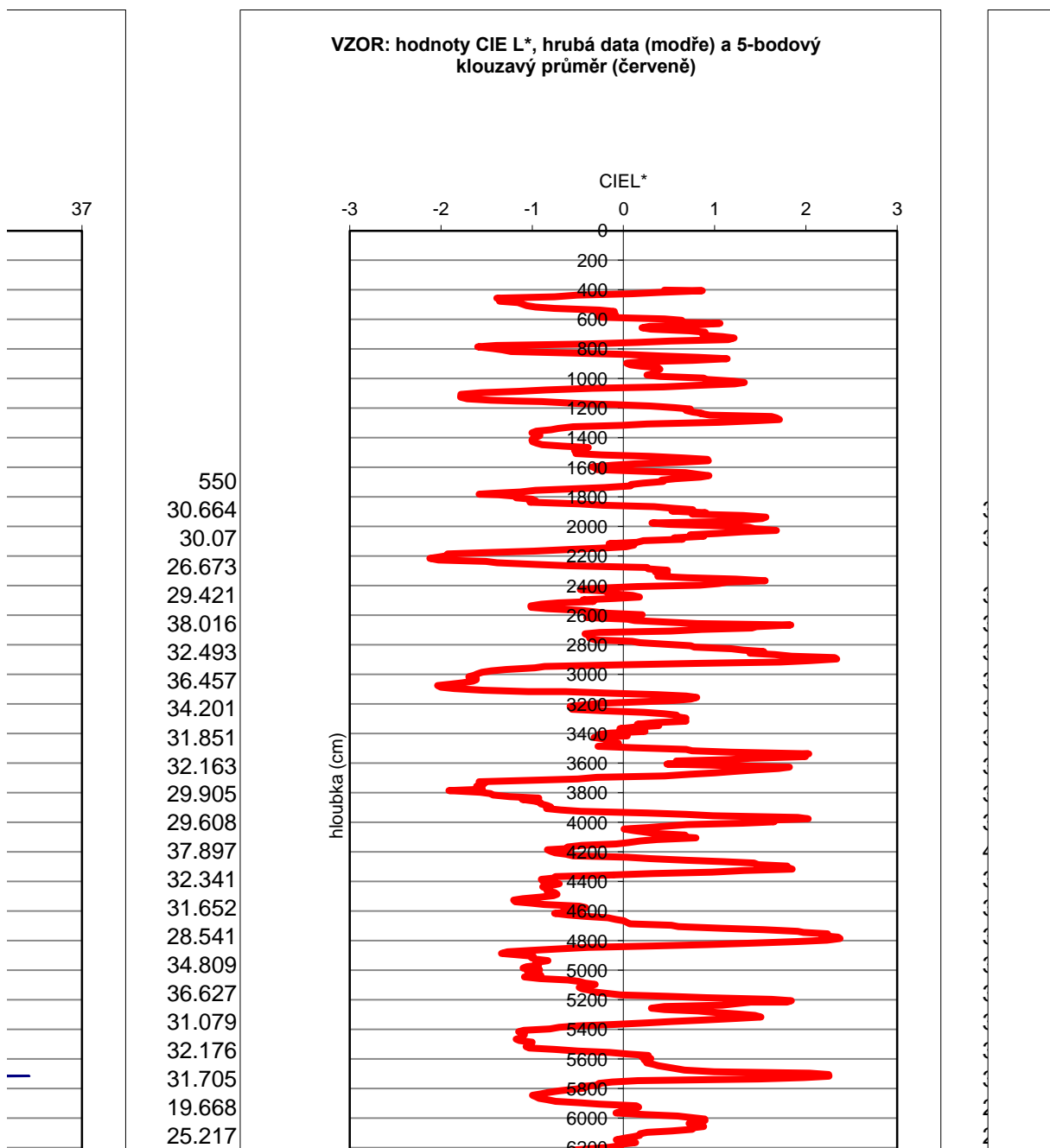
|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 28.976 | 30.159 | 31.329 | 32.425 | 33.392 | 34.477 | 35.508 | 36.753 | 37.681 |
| 29.66  | 30.85  | 32.01  | 33.043 | 34.004 | 35.062 | 36.099 | 37.332 | 38.312 |
| 29.122 | 30.271 | 31.452 | 32.491 | 33.431 | 34.511 | 35.528 | 36.727 | 37.734 |
| 30.447 | 31.665 | 32.888 | 33.982 | 34.959 | 36.062 | 37.112 | 38.355 | 39.349 |
| 32.019 | 33.223 | 34.41  | 35.503 | 36.479 | 37.546 | 38.612 | 39.892 | 40.88  |
| 33.843 | 35.049 | 36.32  | 37.412 | 38.36  | 39.5   | 40.53  | 41.814 | 42.812 |
| 32.476 | 33.684 | 34.93  | 35.974 | 36.939 | 37.976 | 39.022 | 40.233 | 41.161 |
| 30.631 | 31.857 | 33.119 | 34.157 | 35.174 | 36.247 | 37.305 | 38.569 | 39.594 |
| 30.212 | 31.492 | 32.79  | 33.891 | 34.905 | 36.049 | 37.136 | 38.435 | 39.454 |
| 30.809 | 32.083 | 33.321 | 34.411 | 35.411 | 36.514 | 37.596 | 38.912 | 39.912 |
| 30.248 | 31.447 | 32.655 | 33.723 | 34.645 | 35.753 | 36.742 | 38.031 | 38.983 |
| 27.066 | 28.301 | 29.466 | 30.473 | 31.504 | 32.533 | 33.581 | 34.804 | 35.86  |
| 26.523 | 27.681 | 28.863 | 29.926 | 30.858 | 31.93  | 32.952 | 34.208 | 35.227 |
| 23.257 | 24.388 | 25.443 | 26.335 | 27.233 | 28.15  | 29.082 | 30.157 | 31.044 |
| 29.304 | 30.481 | 31.718 | 32.744 | 33.714 | 34.764 | 35.801 | 37.022 | 38.04  |
| 31.062 | 32.318 | 33.538 | 34.562 | 35.573 | 36.604 | 37.645 | 38.873 | 39.884 |
| 29.435 | 30.656 | 31.882 | 32.914 | 33.859 | 34.88  | 35.913 | 37.092 | 38.077 |
| 31.817 | 33.039 | 34.298 | 35.46  | 36.34  | 37.5   | 38.522 | 39.85  | 40.838 |
| 28.986 | 30.228 | 31.433 | 32.519 | 33.467 | 34.601 | 35.625 | 36.943 | 37.967 |
| 26.648 | 27.893 | 29.092 | 30.14  | 31.099 | 32.218 | 33.237 | 34.516 | 35.542 |
| 26.768 | 27.953 | 29.107 | 30.127 | 31.054 | 32.104 | 33.12  | 34.357 | 35.396 |
| 30.521 | 31.803 | 33.024 | 34.119 | 35.127 | 36.274 | 37.34  | 38.68  | 39.735 |
| 33.367 | 34.639 | 35.964 | 37.048 | 38.017 | 39.125 | 40.184 | 41.52  | 42.551 |
| 28.991 | 30.154 | 31.303 | 32.294 | 33.23  | 34.239 | 35.261 | 36.454 | 37.48  |
| 31.22  | 32.409 | 33.666 | 34.686 | 35.66  | 36.796 | 37.835 | 39.145 | 40.192 |
| 30.103 | 31.344 | 32.59  | 33.656 | 34.675 | 35.795 | 36.89  | 38.206 | 39.301 |
| 27.79  | 28.963 | 30.15  | 31.124 | 32.101 | 33.138 | 34.203 | 35.44  | 36.507 |
| 32.601 | 33.749 | 35.023 | 36.068 | 37.052 | 38.139 | 39.271 | 40.59  | 41.716 |
| 37.23  | 38.445 | 39.723 | 40.767 | 41.719 | 42.969 | 43.839 | 45.232 | 46.317 |
| 29.832 | 31.011 | 32.185 | 33.31  | 34.246 | 35.379 | 36.458 | 37.814 | 38.92  |
| 30.978 | 32.04  | 33.167 | 34.125 | 35.035 | 36.026 | 36.987 | 38.188 | 39.2   |
| 31.825 | 32.942 | 34.127 | 35.125 | 36.052 | 37.121 | 38.15  | 39.429 | 40.492 |
| 31.771 | 32.908 | 34.089 | 35.058 | 35.987 | 37.018 | 38.045 | 39.316 | 40.366 |
| 33.028 | 34.189 | 35.391 | 36.485 | 37.389 | 38.51  | 39.525 | 40.842 | 41.878 |
| 33.384 | 34.574 | 35.802 | 36.902 | 37.833 | 38.949 | 40.014 | 41.34  | 42.449 |
| 32.269 | 33.389 | 34.569 | 35.549 | 36.372 | 37.352 | 38.35  | 39.569 | 40.604 |
| 36.116 | 37.256 | 38.465 | 39.476 | 40.377 | 41.547 | 42.397 | 43.689 | 44.727 |
| 28.646 | 29.722 | 30.841 | 31.827 | 32.684 | 33.638 | 34.606 | 35.801 | 36.805 |
| 28.641 | 29.727 | 30.827 | 31.798 | 32.628 | 33.613 | 34.578 | 35.76  | 36.783 |
| 34.618 | 35.75  | 36.968 | 37.947 | 38.804 | 39.749 | 40.72  | 41.901 | 42.879 |
| 37.14  | 38.285 | 39.495 | 40.461 | 41.386 | 42.496 | 43.364 | 44.641 | 45.701 |
| 36.184 | 37.291 | 38.509 | 39.407 | 40.234 | 41.181 | 42.08  | 43.278 | 44.311 |
| 35.511 | 36.717 | 37.983 | 39.024 | 39.916 | 40.909 | 41.984 | 43.268 | 44.446 |
| 36.848 | 38.047 | 39.276 | 40.299 | 41.18  | 42.345 | 43.228 | 44.539 | 45.647 |
| 32.276 | 33.426 | 34.63  | 35.651 | 36.478 | 37.449 | 38.388 | 39.564 | 40.536 |
| 31.488 | 32.618 | 33.822 | 34.785 | 35.653 | 36.664 | 37.579 | 38.786 | 39.777 |
| 32.709 | 33.849 | 35.024 | 36.021 | 36.854 | 37.805 | 38.769 | 39.98  | 40.983 |
| 32.029 | 33.195 | 34.432 | 35.438 | 36.317 | 37.348 | 38.343 | 39.64  | 40.712 |
| 35.224 | 36.429 | 37.689 | 38.786 | 39.574 | 40.675 | 41.607 | 42.943 | 43.957 |
| 34.465 | 35.748 | 37.031 | 38.058 | 38.994 | 39.993 | 41.067 | 42.352 | 43.463 |
| 37.392 | 38.619 | 39.909 | 40.912 | 41.793 | 42.929 | 43.809 | 45.105 | 46.2   |
| 34.624 | 35.802 | 37.048 | 38.023 | 38.883 | 39.852 | 40.802 | 42.052 | 43.117 |
| 34.318 | 35.5   | 36.72  | 37.769 | 38.578 | 39.658 | 40.603 | 41.928 | 42.976 |
| 36.004 | 37.206 | 38.46  | 39.502 | 40.412 | 41.522 | 42.426 | 43.741 | 44.861 |
| 36.89  | 38.117 | 39.379 | 40.425 | 41.309 | 42.454 | 43.331 | 44.677 | 45.804 |
| 36.24  | 37.484 | 38.75  | 39.808 | 40.748 | 41.93  | 42.791 | 44.165 | 45.275 |
| 34.738 | 35.954 | 37.179 | 38.162 | 39.003 | 39.937 | 40.919 | 42.178 | 43.277 |
| 32.407 | 33.544 | 34.707 | 35.721 | 36.504 | 37.46  | 38.393 | 39.633 | 40.646 |



|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 29.927 | 31.083 | 32.269 | 33.274 | 34.102 | 35.079 | 36.051 | 37.242 | 38.274 |
| 32.625 | 33.735 | 34.86  | 35.752 | 36.527 | 37.362 | 38.293 | 39.356 | 40.38  |
| 31.836 | 32.942 | 34.109 | 34.997 | 35.797 | 36.669 | 37.583 | 38.756 | 39.799 |
| 35.744 | 36.933 | 38.138 | 39.16  | 39.957 | 41.001 | 41.903 | 43.228 | 44.273 |
| 36.038 | 37.205 | 38.434 | 39.438 | 40.281 | 41.309 | 42.295 | 43.573 | 44.683 |
| 33.007 | 34.162 | 35.347 | 36.368 | 37.203 | 38.231 | 39.179 | 40.484 | 41.55  |
| 33.876 | 35.008 | 36.215 | 37.206 | 38.045 | 39.042 | 40.017 | 41.31  | 42.391 |
| 35.034 | 36.338 | 37.641 | 38.747 | 39.605 | 40.66  | 41.737 | 43.13  | 44.374 |
| 36.621 | 38.134 | 39.209 | 40.285 | 41.346 | 42.328 | 43.326 | 44.592 | 46.019 |
| 38.241 | 39.633 | 40.62  | 41.666 | 42.552 | 43.561 | 44.373 | 45.668 | 46.904 |
| 35.83  | 37.23  | 38.284 | 39.271 | 40.284 | 41.159 | 42.13  | 43.287 | 44.644 |
| 35.619 | 36.971 | 37.995 | 38.999 | 39.957 | 40.927 | 41.838 | 43.026 | 44.329 |
| 35.386 | 36.634 | 37.553 | 38.456 | 39.284 | 40.093 | 40.896 | 41.876 | 42.995 |
| 33.223 | 34.435 | 35.327 | 36.247 | 37.193 | 37.937 | 38.919 | 39.954 | 41.097 |
| 30.913 | 32.023 | 32.896 | 33.773 | 34.707 | 35.428 | 36.412 | 37.43  | 38.531 |
| 27.381 | 28.339 | 29.075 | 29.851 | 30.668 | 31.29  | 32.142 | 32.971 | 33.924 |
| 29.466 | 30.446 | 31.19  | 31.954 | 32.728 | 33.411 | 34.254 | 35.284 | 36.18  |
| 25.584 | 26.534 | 27.256 | 28.005 | 28.734 | 29.348 | 30.146 | 30.938 | 31.819 |
| 30.168 | 31.199 | 32.015 | 32.805 | 33.609 | 34.208 | 35.063 | 35.863 | 36.784 |
| 24.634 | 25.488 | 26.09  | 26.728 | 27.383 | 27.942 | 28.6   | 29.322 | 29.996 |
| 29.763 | 30.867 | 31.676 | 32.51  | 33.369 | 34.073 | 34.934 | 35.88  | 36.788 |
| 30.543 | 31.624 | 32.438 | 33.266 | 34.052 | 34.714 | 35.541 | 36.404 | 37.283 |
| 30.858 | 32.013 | 32.879 | 33.764 | 34.693 | 35.404 | 36.31  | 37.26  | 38.22  |
| 31.663 | 32.742 | 33.622 | 34.509 | 35.381 | 36.085 | 37.007 | 37.939 | 38.946 |
| 31.817 | 32.941 | 33.753 | 34.638 | 35.493 | 36.233 | 37.115 | 38.055 | 39.007 |
| 28.459 | 29.545 | 30.366 | 31.2   | 32.065 | 32.793 | 33.629 | 34.583 | 35.509 |
| 28.767 | 29.751 | 30.497 | 31.279 | 32.021 | 32.674 | 33.441 | 34.292 | 35.144 |
| 30.812 | 31.923 | 32.808 | 33.671 | 34.576 | 35.264 | 36.182 | 37.107 | 38.078 |
| 30.97  | 31.962 | 32.696 | 33.496 | 34.223 | 34.885 | 35.634 | 36.528 | 37.371 |
| 29.285 | 30.312 | 31.056 | 31.842 | 32.552 | 33.19  | 33.969 | 34.788 | 35.624 |
| 32.889 | 34.03  | 34.907 | 35.746 | 36.569 | 37.244 | 38.141 | 39.046 | 39.981 |
| 29.586 | 30.559 | 31.286 | 32.01  | 32.704 | 33.305 | 33.99  | 34.784 | 35.52  |
| 29.643 | 30.609 | 31.362 | 32.08  | 32.811 | 33.409 | 34.137 | 34.906 | 35.705 |
| 29.92  | 30.961 | 31.682 | 32.448 | 33.216 | 33.834 | 34.596 | 35.395 | 36.238 |
| 29.447 | 30.321 | 30.991 | 31.685 | 32.346 | 32.861 | 33.506 | 34.197 | 34.925 |
| 35.435 | 36.634 | 37.569 | 38.492 | 39.366 | 40.256 | 41.031 | 42.025 | 43.012 |
| 33.829 | 35.042 | 35.923 | 36.861 | 37.753 | 38.5   | 39.44  | 40.432 | 41.403 |
| 36.4   | 37.668 | 38.566 | 39.539 | 40.476 | 41.34  | 42.119 | 43.096 | 44.049 |
| 36.627 | 37.894 | 38.829 | 39.773 | 40.669 | 41.532 | 42.318 | 43.316 | 44.319 |
| 33.805 | 35.027 | 35.966 | 36.898 | 37.791 | 38.565 | 39.51  | 40.49  | 41.5   |
| 32.676 | 33.719 | 34.497 | 35.333 | 36.098 | 36.765 | 37.582 | 38.471 | 39.374 |
| 33.741 | 34.984 | 35.905 | 36.881 | 37.822 | 38.622 | 39.616 | 40.615 | 41.645 |
| 36.445 | 37.705 | 38.655 | 39.606 | 40.474 | 41.391 | 42.115 | 43.126 | 44.123 |
| 35.862 | 37.169 | 38.06  | 39.022 | 39.944 | 40.824 | 41.586 | 42.591 | 43.545 |
| 33.235 | 34.513 | 35.498 | 36.444 | 37.406 | 38.168 | 39.193 | 40.204 | 41.274 |
| 31.955 | 33.093 | 33.946 | 34.898 | 35.758 | 36.541 | 37.417 | 38.428 | 39.41  |
| 33.011 | 34.231 | 35.12  | 36.029 | 36.942 | 37.678 | 38.592 | 39.542 | 40.506 |
| 34.798 | 36.035 | 36.981 | 37.936 | 38.85  | 39.691 | 40.551 | 41.522 | 42.525 |
| 34.996 | 36.197 | 37.117 | 38.064 | 38.976 | 39.846 | 40.685 | 41.682 | 42.678 |
| 34.862 | 36.086 | 37.03  | 37.95  | 38.865 | 39.631 | 40.507 | 41.448 | 42.453 |
| 33.474 | 34.705 | 35.607 | 36.585 | 37.516 | 38.325 | 39.253 | 40.328 | 41.29  |
| 33.541 | 34.791 | 35.702 | 36.609 | 37.577 | 38.322 | 39.291 | 40.279 | 41.289 |
| 34.431 | 35.595 | 36.436 | 37.333 | 38.213 | 38.946 | 39.869 | 40.853 | 41.822 |
| 34.053 | 35.195 | 36.116 | 37.034 | 37.932 | 38.702 | 39.649 | 40.679 | 41.66  |
| 34.068 | 35.262 | 36.091 | 36.989 | 37.863 | 38.6   | 39.509 | 40.475 | 41.433 |
| 33.858 | 35.003 | 35.852 | 36.726 | 37.563 | 38.297 | 39.205 | 40.189 | 41.158 |
| 34.832 | 36.009 | 36.895 | 37.828 | 38.642 | 39.414 | 40.239 | 41.197 | 42.1   |
| 33.959 | 35.171 | 36.065 | 36.997 | 37.9   | 38.671 | 39.606 | 40.569 | 41.522 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 35.741 | 36.934 | 37.852 | 38.745 | 39.599 | 40.429 | 41.19  | 42.124 | 43.065 |
| 30.62  | 31.783 | 32.712 | 33.6   | 34.555 | 35.341 | 36.311 | 37.338 | 38.397 |
| 29.588 | 30.715 | 31.525 | 32.382 | 33.232 | 34.083 | 35.102 | 36.323 | 37.513 |
| 29.061 | 30.151 | 30.973 | 31.833 | 32.685 | 33.447 | 34.406 | 35.439 | 36.486 |
| 31.983 | 33.158 | 34.002 | 34.891 | 35.775 | 36.596 | 37.544 | 38.641 | 39.687 |
| 29.303 | 30.445 | 31.338 | 32.217 | 33.112 | 33.947 | 34.911 | 35.989 | 37.065 |
| 32.571 | 33.811 | 34.748 | 35.712 | 36.642 | 37.467 | 38.519 | 39.628 | 40.738 |
| 31.482 | 32.731 | 33.656 | 34.658 | 35.558 | 36.437 | 37.433 | 38.567 | 39.635 |
| 29.596 | 30.748 | 31.544 | 32.446 | 33.336 | 34.234 | 35.354 | 36.624 | 37.858 |
| 31.907 | 33.124 | 33.988 | 34.9   | 35.818 | 36.648 | 37.653 | 38.803 | 39.935 |
| 30.673 | 31.826 | 32.695 | 33.57  | 34.491 | 35.434 | 36.475 | 37.729 | 38.91  |
| 30.614 | 31.807 | 32.623 | 33.573 | 34.527 | 35.421 | 36.519 | 37.783 | 39.047 |
| 31.23  | 32.415 | 33.297 | 34.231 | 35.124 | 35.957 | 36.936 | 38.015 | 39.078 |
| 30.686 | 31.892 | 32.816 | 33.789 | 34.724 | 35.6   | 36.606 | 37.744 | 38.822 |
| 31.943 | 33.197 | 34.122 | 35.127 | 36.087 | 37.029 | 38.078 | 39.315 | 40.494 |
| 35.101 | 36.387 | 37.318 | 38.381 | 39.306 | 40.309 | 41.113 | 42.223 | 43.291 |
| 33.289 | 34.517 | 35.507 | 36.523 | 37.496 | 38.38  | 39.462 | 40.596 | 41.739 |
| 32.828 | 34.136 | 35.139 | 36.197 | 37.148 | 38.004 | 39.044 | 40.121 | 41.212 |
| 34.789 | 36.048 | 37.068 | 38.09  | 39.005 | 39.971 | 40.839 | 41.905 | 42.959 |
| 30.269 | 31.464 | 32.355 | 33.347 | 34.286 | 35.186 | 36.216 | 37.376 | 38.473 |
| 33.519 | 34.856 | 35.863 | 36.944 | 37.896 | 38.775 | 39.78  | 40.904 | 42.006 |
| 35.701 | 37.008 | 38.079 | 39.09  | 40.129 | 41.143 | 42.046 | 43.219 | 44.358 |
| 33.94  | 35.269 | 36.296 | 37.373 | 38.359 | 39.325 | 40.378 | 41.592 | 42.754 |
| 33.888 | 35.128 | 36.048 | 36.971 | 37.922 | 38.748 | 39.76  | 40.839 | 41.884 |
| 32.34  | 33.631 | 34.638 | 35.649 | 36.649 | 37.553 | 38.624 | 39.738 | 40.847 |
| 34.245 | 35.617 | 36.618 | 37.708 | 38.774 | 39.764 | 40.729 | 41.898 | 42.98  |
| 35.003 | 36.271 | 37.245 | 38.238 | 39.182 | 40.162 | 41.079 | 42.196 | 43.273 |
| 38.197 | 39.471 | 40.389 | 41.393 | 42.356 | 43.335 | 44.228 | 45.345 | 46.449 |
| 40.712 | 42.027 | 42.942 | 43.908 | 44.922 | 45.879 | 46.703 | 47.837 | 48.958 |
| 39.646 | 40.949 | 41.933 | 42.983 | 43.931 | 44.913 | 45.76  | 46.855 | 47.975 |
| 36.56  | 37.812 | 38.726 | 39.693 | 40.656 | 41.583 | 42.445 | 43.492 | 44.574 |
| 34.99  | 36.197 | 37.104 | 38.067 | 38.976 | 39.851 | 40.807 | 41.911 | 43.001 |
| 27.071 | 28.22  | 29.102 | 30.048 | 30.961 | 31.788 | 32.744 | 33.723 | 34.768 |
| 32.402 | 33.526 | 34.367 | 35.32  | 36.156 | 36.988 | 37.901 | 38.971 | 39.981 |
| 30.665 | 31.744 | 32.597 | 33.555 | 34.427 | 35.263 | 36.184 | 37.233 | 38.275 |
| 36.026 | 37.215 | 38.104 | 39.053 | 39.986 | 40.99  | 41.849 | 43.027 | 44.128 |
| 39.913 | 41.103 | 42.008 | 42.971 | 43.885 | 44.864 | 45.674 | 46.806 | 47.901 |
| 42.353 | 43.433 | 44.22  | 45.1   | 45.969 | 46.891 | 47.612 | 48.716 | 49.727 |
| 34.762 | 35.936 | 36.782 | 37.721 | 38.553 | 39.35  | 40.212 | 41.215 | 42.19  |
| 36.396 | 37.524 | 38.297 | 39.122 | 39.945 | 40.823 | 41.606 | 42.634 | 43.613 |
| 35.943 | 37.098 | 37.974 | 38.83  | 39.713 | 40.584 | 41.341 | 42.359 | 43.335 |
| 31.971 | 33.125 | 34.004 | 34.958 | 35.834 | 36.709 | 37.693 | 38.801 | 39.864 |
| 32.59  | 33.76  | 34.616 | 35.58  | 36.49  | 37.375 | 38.344 | 39.457 | 40.509 |
| 37.045 | 38.242 | 39.145 | 40.127 | 41.032 | 41.981 | 42.785 | 43.864 | 44.886 |
| 39.355 | 40.597 | 41.494 | 42.454 | 43.389 | 44.367 | 45.18  | 46.278 | 47.308 |
| 38.09  | 39.446 | 40.441 | 41.513 | 42.618 | 43.732 | 44.685 | 45.896 | 47.091 |
| 40.798 | 42.185 | 43.206 | 44.304 | 45.362 | 46.465 | 47.442 | 48.67  | 49.858 |
| 39.001 | 40.341 | 41.357 | 42.405 | 43.479 | 44.543 | 45.449 | 46.667 | 47.804 |
| 38.091 | 39.46  | 40.514 | 41.605 | 42.7   | 43.82  | 44.807 | 46.045 | 47.252 |
| 35.765 | 36.954 | 37.825 | 38.793 | 39.717 | 40.691 | 41.526 | 42.63  | 43.664 |
| 31.227 | 32.504 | 33.562 | 34.634 | 35.754 | 36.782 | 37.956 | 39.274 | 40.572 |
| 29.033 | 30.262 | 31.245 | 32.253 | 33.255 | 34.184 | 35.202 | 36.358 | 37.465 |
| 35.178 | 36.389 | 37.363 | 38.374 | 39.353 | 40.421 | 41.308 | 42.456 | 43.572 |
| 28.533 | 29.286 | 29.888 | 30.52  | 31.164 | 31.771 | 32.454 | 33.25  | 34.022 |
| 31.946 | 33.112 | 33.99  | 34.93  | 35.936 | 36.821 | 37.828 | 38.972 | 40.045 |

ouzavý průměr, 50-bodový klouzavý průměr a jejich rozdíl)



|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|        | 26.217 |        |        |        |        |        |        |        |
|        | 19.909 |        |        |        |        |        |        |        |
|        | 29.166 |        |        |        |        |        |        |        |
|        | 29.871 |        |        |        |        |        |        |        |
|        | 20.832 |        |        |        |        |        |        |        |
|        | 25.945 |        |        |        |        |        |        |        |
|        | 26.972 |        |        |        |        |        |        |        |
|        | 22.625 |        |        |        |        |        |        |        |
| 31.181 | 31.537 | 32.229 | 32.416 | 32.965 | 33.233 | 33.542 | 33.627 | 34.064 |
| 23.016 | 23.396 | 23.895 | 24.081 | 24.425 | 24.633 | 24.903 | 25.043 | 25.237 |
| 25.905 | 26.443 | 27.069 | 27.39  | 27.882 | 28.24  | 28.565 | 28.782 | 29.124 |
| 20.967 | 21.526 | 22.061 | 22.493 | 22.926 | 23.402 | 23.75  | 24.167 | 24.582 |
| 25.561 | 25.994 | 26.596 | 26.785 | 27.187 | 27.382 | 27.677 | 27.773 | 27.96  |
| 32.587 | 32.884 | 33.322 | 33.402 | 33.615 | 33.768 | 33.784 | 33.74  | 33.681 |
| 33.459 | 33.712 | 34.272 | 34.286 | 34.592 | 34.644 | 34.813 | 34.725 | 34.732 |
| 35.988 | 36.257 | 36.937 | 36.949 | 37.343 | 37.432 | 37.656 | 37.577 | 37.654 |
| 36.583 | 36.891 | 37.588 | 37.601 | 38.013 | 38.091 | 38.338 | 38.25  | 38.347 |
| 30.006 | 30.38  | 30.852 | 31.107 | 31.379 | 31.628 | 31.791 | 31.876 | 31.948 |
| 33.867 | 34.214 | 34.778 | 34.956 | 35.312 | 35.563 | 35.754 | 35.818 | 35.933 |
| 27.519 | 27.753 | 28.249 | 28.301 | 28.613 | 28.667 | 28.88  | 28.875 | 28.956 |
| 28.238 | 28.531 | 29.035 | 29.16  | 29.524 | 29.696 | 29.91  | 29.97  | 30.1   |
| 22.443 | 22.852 | 23.533 | 23.765 | 24.298 | 24.541 | 24.969 | 25.174 | 25.538 |
| 19.515 | 20.014 | 20.515 | 20.896 | 21.286 | 21.67  | 21.992 | 22.312 | 22.604 |
| 21.613 | 22.095 | 22.619 | 22.963 | 23.327 | 23.64  | 23.942 | 24.171 | 24.392 |
| 24.585 | 25.038 | 25.69  | 25.915 | 26.386 | 26.586 | 26.929 | 27.038 | 27.269 |
| 24.664 | 25.05  | 25.652 | 25.787 | 26.199 | 26.328 | 26.628 | 26.678 | 26.852 |
| 27.34  | 27.655 | 28.226 | 28.382 | 28.755 | 28.929 | 29.184 | 29.251 | 29.378 |
| 31.874 | 32.228 | 32.864 | 32.983 | 33.374 | 33.549 | 33.773 | 33.782 | 33.877 |
| 32.232 | 32.683 | 33.457 | 33.683 | 34.191 | 34.451 | 34.768 | 34.853 | 35.043 |
| 28.238 | 28.575 | 29.457 | 29.596 | 30.218 | 30.303 | 30.823 | 30.867 | 31.164 |
| 27.014 | 27.459 | 28.058 | 28.364 | 28.766 | 29.06  | 29.324 | 29.468 | 29.629 |
| 28.661 | 29.101 | 29.767 | 30.044 | 30.5   | 30.792 | 31.09  | 31.228 | 31.413 |
| 33.128 | 33.477 | 34.172 | 34.31  | 34.758 | 34.94  | 35.215 | 35.24  | 35.372 |
| 34.559 | 34.921 | 35.701 | 35.792 | 36.312 | 36.449 | 36.774 | 36.766 | 36.942 |
| 33.16  | 33.699 | 34.461 | 34.776 | 35.3   | 35.662 | 35.967 | 36.121 | 36.358 |
| 34.061 | 34.52  | 35.322 | 35.547 | 36.053 | 36.3   | 36.697 | 36.817 | 37.053 |
| 32.685 | 33.018 | 33.782 | 33.908 | 34.446 | 34.612 | 34.994 | 35.064 | 35.323 |
| 29.655 | 29.991 | 30.645 | 30.912 | 31.372 | 31.608 | 31.898 | 31.99  | 32.174 |
| 29.942 | 30.469 | 31.282 | 31.666 | 32.266 | 32.657 | 33.097 | 33.345 | 33.693 |
| 26.194 | 26.702 | 27.323 | 27.608 | 28.064 | 28.367 | 28.684 | 28.872 | 29.11  |
| 21.005 | 21.432 | 22.087 | 22.369 | 22.866 | 23.135 | 23.54  | 23.759 | 24.094 |
| 18.317 | 18.712 | 19.086 | 19.296 | 19.667 | 19.92  | 20.115 | 20.302 | 20.464 |
| 28.202 | 28.541 | 29.104 | 29.291 | 29.665 | 29.857 | 30.118 | 30.196 | 30.332 |
| 32.889 | 33.337 | 33.964 | 34.211 | 34.62  | 34.92  | 35.177 | 35.294 | 35.468 |
| 28.557 | 28.944 | 29.571 | 29.761 | 30.156 | 30.343 | 30.554 | 30.569 | 30.627 |
| 35.698 | 35.947 | 36.432 | 36.435 | 36.693 | 36.785 | 36.892 | 36.806 | 36.794 |
| 36.52  | 36.734 | 37.351 | 37.295 | 37.659 | 37.708 | 37.903 | 37.796 | 37.845 |
| 38.988 | 39.223 | 39.809 | 39.744 | 40.059 | 40.12  | 40.255 | 40.119 | 40.12  |
| 32.007 | 32.112 | 32.454 | 32.404 | 32.617 | 32.66  | 32.73  | 32.627 | 32.624 |
| 39.028 | 39.143 | 39.661 | 39.515 | 39.789 | 39.744 | 39.885 | 39.68  | 39.655 |
| 40.613 | 40.858 | 41.454 | 41.377 | 41.691 | 41.737 | 41.878 | 41.715 | 41.699 |
| 41.689 | 41.924 | 42.48  | 42.465 | 42.813 | 42.98  | 43.175 | 43.104 | 43.167 |
| 36.692 | 36.928 | 37.484 | 37.516 | 37.847 | 38.008 | 38.19  | 38.164 | 38.2   |
| 36.894 | 37.166 | 37.779 | 37.779 | 38.126 | 38.212 | 38.374 | 38.267 | 38.288 |
| 36.83  | 37.192 | 37.851 | 37.938 | 38.33  | 38.489 | 38.691 | 38.65  | 38.741 |
| 32.207 | 32.522 | 33.176 | 33.258 | 33.673 | 33.796 | 34.032 | 34.011 | 34.121 |
| 35.134 | 35.578 | 36.348 | 36.556 | 37.058 | 37.315 | 37.658 | 37.749 | 37.966 |
| 28.75  | 29.136 | 29.699 | 29.949 | 30.331 | 30.628 | 30.812 | 30.932 | 31.08  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 32.797 | 33.203 | 33.918 | 34.161 | 34.631 | 34.887 | 35.231 | 35.349 | 35.576 |
| 33.388 | 33.807 | 34.546 | 34.774 | 35.269 | 35.564 | 35.9   | 36.05  | 36.32  |
| 37.386 | 37.877 | 38.6   | 38.906 | 39.391 | 39.765 | 40.065 | 40.228 | 40.436 |
| 18.239 | 18.542 | 18.916 | 19.042 | 19.409 | 19.57  | 19.759 | 19.854 | 19.946 |
| 33.355 | 33.698 | 34.489 | 34.658 | 35.254 | 35.486 | 35.943 | 36.056 | 36.346 |
| 29.486 | 29.856 | 30.506 | 30.874 | 31.334 | 31.627 | 31.931 | 32.081 | 32.302 |
| 26.971 | 27.32  | 27.918 | 28.144 | 28.561 | 28.807 | 29.105 | 29.247 | 29.455 |
| 18.778 | 19.12  | 19.458 | 19.641 | 19.941 | 20.141 | 20.294 | 20.434 | 20.548 |
| 17.007 | 17.418 | 17.89  | 18.134 | 18.585 | 18.886 | 19.191 | 19.449 | 19.749 |
| 24.384 | 24.719 | 25.3   | 25.422 | 25.845 | 25.954 | 26.283 | 26.336 | 26.525 |
| 24.283 | 24.789 | 25.283 | 25.606 | 25.939 | 26.269 | 26.474 | 26.677 | 26.841 |
| 34.437 | 34.682 | 35.338 | 35.352 | 35.771 | 35.905 | 36.152 | 36.13  | 36.262 |
| 35.621 | 35.851 | 36.413 | 36.419 | 36.798 | 36.887 | 37.114 | 37.066 | 37.162 |
| 36.697 | 36.98  | 37.61  | 37.638 | 38.027 | 38.143 | 38.367 | 38.31  | 38.384 |
| 35.864 | 36.08  | 36.724 | 36.699 | 37.114 | 37.196 | 37.474 | 37.434 | 37.55  |
| 35.878 | 36.04  | 36.593 | 36.507 | 36.889 | 37.014 | 37.251 | 37.213 | 37.297 |
| 35.36  | 35.532 | 36.059 | 36.018 | 36.35  | 36.413 | 36.592 | 36.506 | 36.545 |
| 35.977 | 36.194 | 36.687 | 36.704 | 36.994 | 37.144 | 37.265 | 37.211 | 37.238 |
| 34.292 | 34.428 | 34.955 | 34.864 | 35.176 | 35.186 | 35.368 | 35.237 | 35.269 |
| 33.849 | 34.063 | 34.648 | 34.607 | 34.963 | 34.96  | 35.187 | 35.072 | 35.119 |
| 32.222 | 32.419 | 33.001 | 32.976 | 33.32  | 33.342 | 33.514 | 33.405 | 33.444 |
| 35.582 | 35.775 | 36.408 | 36.317 | 36.676 | 36.668 | 36.839 | 36.669 | 36.695 |
| 34.329 | 34.441 | 35.091 | 34.923 | 35.326 | 35.216 | 35.489 | 35.32  | 35.392 |
| 39.561 | 39.732 | 40.383 | 40.275 | 40.711 | 40.763 | 41.061 | 40.954 | 41.074 |
| 34.181 | 34.44  | 35.038 | 35.041 | 35.391 | 35.456 | 35.649 | 35.57  | 35.619 |
| 32.685 | 32.878 | 33.494 | 33.483 | 33.883 | 33.928 | 34.229 | 34.164 | 34.276 |
| 33.112 | 33.353 | 33.96  | 33.991 | 34.372 | 34.47  | 34.705 | 34.664 | 34.747 |
| 38.767 | 39.066 | 39.656 | 39.708 | 40.048 | 40.243 | 40.407 | 40.375 | 40.421 |
| 36.977 | 37.333 | 38.081 | 38.174 | 38.668 | 38.855 | 39.178 | 39.177 | 39.361 |
| 36.572 | 37.071 | 37.839 | 38.095 | 38.591 | 38.927 | 39.255 | 39.352 | 39.56  |
| 34.057 | 34.257 | 34.82  | 34.822 | 35.212 | 35.369 | 35.575 | 35.555 | 35.637 |
| 31.844 | 31.956 | 32.503 | 32.413 | 32.744 | 32.721 | 32.919 | 32.801 | 32.846 |
| 32.784 | 33.066 | 33.623 | 33.72  | 34.071 | 34.273 | 34.442 | 34.437 | 34.5   |
| 34.301 | 34.686 | 35.194 | 35.4   | 35.722 | 35.998 | 36.155 | 36.228 | 36.319 |
| 29.425 | 29.974 | 30.691 | 31.102 | 31.609 | 32.071 | 32.427 | 32.71  | 33.001 |
| 23.554 | 23.928 | 24.581 | 24.757 | 25.248 | 25.434 | 25.824 | 25.958 | 26.232 |
| 35.392 | 35.796 | 36.591 | 36.734 | 37.305 | 37.525 | 37.934 | 38.006 | 38.26  |
| 36.123 | 36.55  | 37.319 | 37.489 | 38.024 | 38.297 | 38.66  | 38.759 | 38.999 |
| 35.73  | 36.12  | 36.693 | 36.879 | 37.234 | 37.529 | 37.721 | 37.803 | 37.915 |
| 34.655 | 35.012 | 35.732 | 35.852 | 36.316 | 36.493 | 36.854 | 36.905 | 37.119 |
| 36.636 | 36.91  | 37.491 | 37.506 | 37.853 | 37.951 | 38.163 | 38.09  | 38.143 |
| 39.625 | 39.988 | 40.634 | 40.696 | 41.124 | 41.316 | 41.549 | 41.54  | 41.654 |
| 33.274 | 33.428 | 34.087 | 34.058 | 34.508 | 34.55  | 34.86  | 34.804 | 34.969 |
| 35.526 | 35.961 | 36.614 | 36.833 | 37.263 | 37.61  | 37.828 | 37.943 | 38.098 |
| 32.284 | 32.646 | 33.308 | 33.491 | 33.933 | 34.202 | 34.482 | 34.584 | 34.768 |
| 31.04  | 31.557 | 32.311 | 32.678 | 33.182 | 33.573 | 33.947 | 34.161 | 34.447 |
| 27.714 | 28.135 | 28.888 | 29.154 | 29.725 | 30.019 | 30.445 | 30.645 | 30.989 |
| 35.002 | 35.432 | 36.135 | 36.322 | 36.771 | 37.016 | 37.302 | 37.367 | 37.539 |
| 29.215 | 29.574 | 30.34  | 30.528 | 31.069 | 31.274 | 31.677 | 31.804 | 32.063 |
| 32.739 | 33.084 | 33.738 | 33.878 | 34.291 | 34.468 | 34.728 | 34.76  | 34.903 |
| 31.931 | 32.142 | 32.991 | 32.922 | 33.523 | 33.512 | 33.951 | 33.903 | 34.198 |
| 30.965 | 31.365 | 32.183 | 32.424 | 33.005 | 33.261 | 33.669 | 33.804 | 34.115 |
| 21.158 | 21.411 | 22.024 | 22.094 | 22.551 | 22.605 | 22.972 | 23.011 | 23.226 |
| 31.722 | 32.134 | 32.771 | 33.019 | 33.427 | 33.695 | 33.918 | 34.024 | 34.142 |
| 33.117 | 33.452 | 34.12  | 34.231 | 34.645 | 34.812 | 35.058 | 35.083 | 35.214 |
| 32.258 | 32.589 | 33.315 | 33.468 | 33.986 | 34.169 | 34.5   | 34.576 | 34.781 |
| 30.573 | 30.92  | 31.492 | 31.636 | 32.014 | 32.189 | 32.4   | 32.438 | 32.538 |
| 38.136 | 38.41  | 39.084 | 39.098 | 39.507 | 39.609 | 39.829 | 39.754 | 39.833 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 35.889 | 36.141 | 36.714 | 36.694 | 36.98  | 37.06  | 37.155 | 37.05  | 37.035 |
| 36.741 | 37.06  | 37.672 | 37.745 | 38.142 | 38.314 | 38.515 | 38.492 | 38.561 |
| 37.263 | 37.559 | 38.296 | 38.296 | 38.76  | 38.817 | 39.062 | 38.949 | 39.047 |
| 36.643 | 36.964 | 37.661 | 37.701 | 38.125 | 38.227 | 38.468 | 38.377 | 38.462 |
| 34.007 | 34.394 | 35.148 | 35.287 | 35.801 | 36.013 | 36.326 | 36.369 | 36.544 |
| 37.313 | 37.654 | 38.482 | 38.561 | 39.128 | 39.298 | 39.678 | 39.681 | 39.929 |
| 29.968 | 30.207 | 30.727 | 30.813 | 31.15  | 31.259 | 31.43  | 31.404 | 31.492 |
| 33.716 | 33.98  | 34.513 | 34.583 | 34.959 | 35.121 | 35.311 | 35.317 | 35.423 |
| 31.759 | 32.222 | 32.779 | 33.103 | 33.464 | 33.844 | 34.01  | 34.161 | 34.316 |
| 30.93  | 31.248 | 31.973 | 32.134 | 32.649 | 32.854 | 33.198 | 33.296 | 33.566 |
| 25.312 | 25.646 | 26.137 | 26.286 | 26.626 | 26.811 | 27.021 | 27.109 | 27.245 |
| 25.404 | 25.902 | 26.666 | 26.963 | 27.58  | 27.867 | 28.361 | 28.563 | 28.979 |
| 35.296 | 35.787 | 36.574 | 36.848 | 37.397 | 37.766 | 38.141 | 38.317 | 38.587 |
| 27.78  | 28.328 | 29.147 | 29.577 | 30.244 | 30.72  | 31.292 | 31.712 | 32.277 |
| 35.222 | 35.871 | 36.811 | 37.257 | 37.994 | 38.567 | 39.121 | 39.498 | 39.943 |
| 36.441 | 36.836 | 37.919 | 38.088 | 38.917 | 39.173 | 39.831 | 39.977 | 40.432 |
| 34.106 | 34.552 | 35.562 | 35.787 | 36.575 | 36.891 | 37.53  | 37.728 | 38.188 |
| 28.394 | 28.972 | 29.801 | 30.269 | 30.913 | 31.399 | 31.923 | 32.278 | 32.717 |
| 28.103 | 28.758 | 29.547 | 30.101 | 30.709 | 31.327 | 31.776 | 32.202 | 32.613 |
| 22.778 | 23.381 | 24.146 | 24.596 | 25.234 | 25.686 | 26.245 | 26.669 | 27.222 |
| 27.825 | 28.265 | 29.072 | 29.36  | 29.963 | 30.239 | 30.732 | 30.932 | 31.3   |
| 34.286 | 34.741 | 35.552 | 35.779 | 36.368 | 36.635 | 37.059 | 37.203 | 37.474 |
| 27.631 | 27.989 | 28.688 | 28.906 | 29.418 | 29.643 | 30.072 | 30.254 | 30.558 |
| 31.993 | 32.505 | 33.292 | 33.666 | 34.227 | 34.603 | 34.993 | 35.218 | 35.526 |
| 34.785 | 35.201 | 35.932 | 36.135 | 36.641 | 36.923 | 37.242 | 37.359 | 37.566 |
| 28.087 | 28.588 | 29.365 | 29.78  | 30.382 | 30.819 | 31.329 | 31.704 | 32.179 |
| 27.6   | 28.06  | 28.88  | 29.281 | 29.957 | 30.379 | 30.988 | 31.43  | 32.057 |
| 31.883 | 32.498 | 33.264 | 33.788 | 34.4   | 35.044 | 35.55  | 36.071 | 36.607 |
| 31.538 | 32.001 | 32.862 | 33.182 | 33.852 | 34.27  | 34.794 | 35.096 | 35.559 |
| 33.942 | 34.481 | 35.416 | 35.763 | 36.474 | 36.951 | 37.499 | 37.821 | 38.275 |
| 37.793 | 38.491 | 39.318 | 39.832 | 40.425 | 41.105 | 41.511 | 41.888 | 42.262 |
| 32.897 | 33.421 | 34.212 | 34.572 | 35.251 | 35.746 | 36.323 | 36.772 | 37.368 |
| 30.552 | 30.941 | 31.867 | 32.088 | 32.834 | 33.088 | 33.697 | 33.906 | 34.363 |
| 30.241 | 30.796 | 31.575 | 32.015 | 32.632 | 33.13  | 33.645 | 34.071 | 34.586 |
| 35.944 | 36.34  | 37.118 | 37.272 | 37.801 | 38.018 | 38.345 | 38.396 | 38.624 |
| 35.796 | 36.326 | 37.203 | 37.524 | 38.224 | 38.64  | 39.189 | 39.487 | 39.965 |
| 32.774 | 33.399 | 34.069 | 34.539 | 34.986 | 35.509 | 35.74  | 35.991 | 36.167 |
| 33.344 | 33.832 | 34.703 | 34.967 | 35.619 | 35.94  | 36.434 | 36.645 | 37.034 |
| 35.084 | 35.653 | 36.472 | 36.848 | 37.418 | 37.883 | 38.277 | 38.538 | 38.885 |
| 32.875 | 33.381 | 34.283 | 34.58  | 35.271 | 35.603 | 36.135 | 36.37  | 36.779 |
| 32.373 | 32.911 | 33.725 | 34.06  | 34.647 | 35.016 | 35.392 | 35.586 | 35.865 |
| 34.919 | 35.248 | 35.969 | 36.021 | 36.46  | 36.573 | 36.822 | 36.768 | 36.869 |
| 39.624 | 40.026 | 40.82  | 40.904 | 41.442 | 41.621 | 41.936 | 41.914 | 42.062 |
| 37.594 | 37.913 | 38.667 | 38.667 | 39.163 | 39.248 | 39.548 | 39.48  | 39.609 |
| 38.591 | 38.903 | 39.6   | 39.609 | 40.026 | 40.118 | 40.321 | 40.208 | 40.262 |
| 41.948 | 42.29  | 42.958 | 42.979 | 43.383 | 43.537 | 43.713 | 43.614 | 43.648 |
| 40.354 | 40.752 | 41.421 | 41.499 | 41.924 | 42.126 | 42.295 | 42.224 | 42.292 |
| 41.928 | 42.279 | 43.061 | 43.109 | 43.589 | 43.786 | 44.085 | 44.053 | 44.193 |
| 39.112 | 39.423 | 40.072 | 40.096 | 40.504 | 40.638 | 40.852 | 40.782 | 40.846 |
| 38.282 | 38.568 | 39.4   | 39.395 | 39.966 | 40.045 | 40.444 | 40.372 | 40.571 |
| 34.281 | 34.866 | 35.733 | 36.094 | 36.73  | 37.177 | 37.619 | 37.874 | 38.215 |
| 41.017 | 41.436 | 42.227 | 42.378 | 42.94  | 43.199 | 43.533 | 43.591 | 43.791 |
| 35.699 | 36.095 | 36.881 | 37.083 | 37.7   | 38.006 | 38.453 | 38.654 | 39.042 |
| 38.168 | 38.652 | 39.45  | 39.687 | 40.267 | 40.59  | 40.974 | 41.106 | 41.372 |
| 29.066 | 29.573 | 30.243 | 30.694 | 31.258 | 31.822 | 32.32  | 32.826 | 33.381 |
| 34.064 | 34.71  | 35.501 | 35.976 | 36.576 | 37.148 | 37.524 | 37.855 | 38.187 |
| 38.522 | 39.174 | 40.003 | 40.401 | 40.987 | 41.526 | 41.917 | 42.17  | 42.462 |
| 42.535 | 43.106 | 44.13  | 44.382 | 45.161 | 45.54  | 46.097 | 46.25  | 46.628 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 36.673 | 37.193 | 38.115 | 38.408 | 39.09  | 39.498 | 39.976 | 40.191 | 40.545 |
| 27.988 | 28.576 | 29.255 | 29.778 | 30.322 | 30.875 | 31.318 | 31.783 | 32.284 |
| 34.993 | 35.584 | 36.443 | 36.82  | 37.428 | 37.883 | 38.278 | 38.518 | 38.821 |
| 30.425 | 31.03  | 31.867 | 32.353 | 32.99  | 33.541 | 34.015 | 34.397 | 34.819 |
| 34.066 | 34.68  | 35.6   | 36.057 | 36.815 | 37.385 | 38.029 | 38.511 | 39.145 |
| 33.473 | 34.175 | 35.08  | 35.596 | 36.291 | 36.904 | 37.434 | 37.869 | 38.368 |
| 37.099 | 37.679 | 38.618 | 38.964 | 39.691 | 40.166 | 40.699 | 40.979 | 41.408 |
| 31.718 | 32.204 | 32.878 | 33.166 | 33.626 | 33.971 | 34.244 | 34.403 | 34.569 |
| 28.896 | 29.389 | 30.042 | 30.435 | 30.882 | 31.312 | 31.584 | 31.824 | 32.072 |
| 33.286 | 33.674 | 34.283 | 34.458 | 34.851 | 35.095 | 35.293 | 35.356 | 35.466 |
| 33.766 | 34.262 | 35.051 | 35.375 | 35.945 | 36.307 | 36.697 | 36.927 | 37.256 |
| 36.299 | 36.693 | 37.476 | 37.637 | 38.16  | 38.411 | 38.731 | 38.821 | 39.062 |
| 30.899 | 31.382 | 32.208 | 32.547 | 33.183 | 33.559 | 34.083 | 34.404 | 34.888 |
| 30.02  | 30.47  | 31.106 | 31.456 | 31.936 | 32.367 | 32.715 | 33.033 | 33.391 |
| 33.868 | 34.24  | 35.012 | 35.159 | 35.694 | 35.882 | 36.261 | 36.356 | 36.617 |
| 31.751 | 32.257 | 33.102 | 33.441 | 34.1   | 34.497 | 35.043 | 35.373 | 35.87  |
| 33.893 | 34.345 | 35.066 | 35.325 | 35.834 | 36.176 | 36.544 | 36.745 | 37.049 |
| 35.155 | 35.735 | 36.528 | 36.879 | 37.429 | 37.9   | 38.29  | 38.561 | 38.886 |
| 40.109 | 40.635 | 41.477 | 41.736 | 42.317 | 42.754 | 43.134 | 43.297 | 43.594 |
| 33.627 | 34.133 | 34.947 | 35.18  | 35.726 | 36.024 | 36.398 | 36.571 | 36.867 |
| 31.902 | 32.372 | 33.112 | 33.362 | 33.892 | 34.167 | 34.535 | 34.658 | 34.891 |
| 36.78  | 37.293 | 38.027 | 38.262 | 38.769 | 39.101 | 39.392 | 39.503 | 39.686 |
| 36.312 | 37.011 | 37.737 | 38.203 | 38.708 | 39.269 | 39.541 | 39.818 | 40.034 |
| 35.507 | 35.877 | 36.708 | 36.819 | 37.391 | 37.608 | 38.011 | 38.058 | 38.297 |
| 33.38  | 33.813 | 34.684 | 34.892 | 35.541 | 35.867 | 36.386 | 36.635 | 37.102 |
| 31.646 | 32.152 | 32.913 | 33.256 | 33.885 | 34.35  | 34.808 | 35.118 | 35.604 |
| 39.033 | 39.65  | 40.532 | 40.889 | 41.527 | 42.016 | 42.473 | 42.719 | 43.087 |
| 30.055 | 30.486 | 31.272 | 31.51  | 32.069 | 32.342 | 32.713 | 32.887 | 33.196 |
| 30.684 | 31.162 | 32.045 | 32.401 | 33.103 | 33.467 | 33.944 | 34.185 | 34.58  |
| 30.536 | 30.991 | 31.773 | 32.115 | 32.714 | 33.086 | 33.51  | 33.764 | 34.128 |
| 31.856 | 32.178 | 32.788 | 32.977 | 33.385 | 33.624 | 33.828 | 33.906 | 34.052 |
| 30.266 | 30.802 | 31.622 | 32.092 | 32.755 | 33.238 | 33.769 | 34.169 | 34.695 |
| 26.108 | 26.511 | 27.271 | 27.454 | 28.029 | 28.192 | 28.672 | 28.819 | 29.197 |
| 28.817 | 29.324 | 30.16  | 30.655 | 31.371 | 31.887 | 32.496 | 33.004 | 33.651 |
| 20.291 | 20.67  | 21.317 | 21.559 | 22.083 | 22.33  | 22.825 | 23.133 | 23.614 |
| 28.505 | 29.122 | 30.09  | 30.555 | 31.429 | 32.018 | 32.797 | 33.352 | 34.129 |
| 35.472 | 36.038 | 36.954 | 37.273 | 37.93  | 38.352 | 38.793 | 39.015 | 39.363 |
| 35.868 | 36.52  | 37.419 | 37.904 | 38.604 | 39.231 | 39.799 | 40.201 | 40.647 |
| 35.405 | 35.985 | 36.803 | 37.102 | 37.667 | 38.048 | 38.433 | 38.65  | 38.965 |
| 28.272 | 28.767 | 29.594 | 29.876 | 30.47  | 30.754 | 31.197 | 31.398 | 31.739 |
| 35.981 | 36.552 | 37.489 | 37.798 | 38.481 | 38.854 | 39.359 | 39.556 | 39.909 |
| 33.289 | 33.587 | 34.38  | 34.464 | 35.051 | 35.218 | 35.634 | 35.708 | 35.991 |
| 31.735 | 32.21  | 32.96  | 33.271 | 33.801 | 34.17  | 34.531 | 34.762 | 35.067 |
| 32.929 | 33.329 | 34.119 | 34.391 | 34.983 | 35.321 | 35.736 | 35.949 | 36.285 |
| 27.461 | 27.88  | 28.584 | 28.898 | 29.434 | 29.77  | 30.147 | 30.385 | 30.708 |
| 28.926 | 29.328 | 29.973 | 30.28  | 30.752 | 31.093 | 31.424 | 31.641 | 31.897 |
| 29.344 | 29.842 | 30.542 | 30.95  | 31.455 | 31.903 | 32.233 | 32.544 | 32.889 |
| 25.732 | 26.22  | 26.857 | 27.152 | 27.645 | 27.965 | 28.283 | 28.492 | 28.782 |
| 30.975 | 31.608 | 32.424 | 32.956 | 33.584 | 34.151 | 34.572 | 34.951 | 35.346 |
| 27.609 | 28.116 | 28.894 | 29.341 | 29.944 | 30.374 | 30.841 | 31.166 | 31.595 |
| 24.392 | 24.859 | 25.427 | 25.761 | 26.193 | 26.537 | 26.827 | 27.046 | 27.284 |
| 22.277 | 22.803 | 23.493 | 23.928 | 24.499 | 24.926 | 25.422 | 25.801 | 26.267 |
| 32.668 | 33.05  | 33.88  | 34.265 | 34.911 | 35.254 | 35.729 | 35.953 | 36.364 |
| 22.543 | 23.144 | 23.801 | 24.355 | 24.874 | 25.381 | 25.738 | 26.104 | 26.453 |
| 30.907 | 31.345 | 32.102 | 32.47  | 33.027 | 33.413 | 33.797 | 34.054 | 34.415 |
| 29.154 | 29.596 | 30.345 | 30.699 | 31.303 | 31.729 | 32.224 | 32.583 | 33.042 |
| 23.737 | 24.344 | 25.01  | 25.471 | 26.02  | 26.549 | 27.038 | 27.538 | 28.098 |
| 23.682 | 24.226 | 24.851 | 25.249 | 25.764 | 26.206 | 26.683 | 27.155 | 27.689 |

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|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 30.044 | 30.578 | 31.368 | 31.747 | 32.374 | 32.844 | 33.36  | 33.785 | 34.315 |
| 35.778 | 36.114 | 37.015 | 37.043 | 37.653 | 37.749 | 38.181 | 38.16  | 38.409 |
| 34.748 | 35.149 | 35.973 | 36.121 | 36.673 | 36.879 | 37.239 | 37.314 | 37.572 |
| 39.678 | 40.026 | 40.847 | 40.866 | 41.397 | 41.509 | 41.817 | 41.759 | 41.906 |
| 43.533 | 43.868 | 44.556 | 44.535 | 44.944 | 45.059 | 45.234 | 45.137 | 45.189 |
| 30.545 | 30.761 | 31.39  | 31.396 | 31.822 | 31.902 | 32.185 | 32.165 | 32.297 |
| 40.537 | 40.947 | 41.672 | 41.723 | 42.162 | 42.322 | 42.518 | 42.449 | 42.51  |
| 41.271 | 41.69  | 42.336 | 42.414 | 42.767 | 42.981 | 43.095 | 43.019 | 43.011 |
| 44.902 | 45.234 | 45.88  | 45.827 | 46.16  | 46.285 | 46.372 | 46.228 | 46.192 |
| 47.817 | 48.087 | 48.728 | 48.621 | 48.977 | 49.024 | 49.144 | 48.916 | 48.877 |
| 48.263 | 48.634 | 49.429 | 49.449 | 50     | 50.198 | 50.496 | 50.43  | 50.566 |
| 48.091 | 48.403 | 49.277 | 49.199 | 49.823 | 49.934 | 50.299 | 50.19  | 50.37  |
| 44.634 | 44.931 | 45.651 | 45.6   | 46.021 | 46.123 | 46.308 | 46.159 | 46.182 |
| 43.852 | 44.122 | 44.89  | 44.8   | 45.247 | 45.297 | 45.5   | 45.333 | 45.362 |
| 47.196 | 47.502 | 48.127 | 48.101 | 48.459 | 48.582 | 48.702 | 48.556 | 48.553 |
| 40.8   | 41.079 | 41.725 | 41.694 | 42.093 | 42.189 | 42.403 | 42.291 | 42.323 |
| 43.974 | 44.244 | 44.854 | 44.813 | 45.178 | 45.279 | 45.422 | 45.29  | 45.297 |
| 47.917 | 48.098 | 48.652 | 48.473 | 48.768 | 48.791 | 48.85  | 48.607 | 48.525 |
| 45.936 | 46.249 | 46.715 | 46.679 | 46.906 | 47.04  | 47.035 | 46.866 | 46.754 |
| 49.165 | 49.56  | 50.252 | 50.261 | 50.683 | 50.891 | 51.046 | 50.957 | 51.007 |
| 46.152 | 46.545 | 47.322 | 47.428 | 47.939 | 48.191 | 48.501 | 48.488 | 48.619 |
| 44.728 | 45.254 | 46.066 | 46.288 | 46.885 | 47.253 | 47.637 | 47.731 | 47.921 |
| 39.604 | 40.038 | 40.813 | 41.035 | 41.541 | 41.876 | 42.191 | 42.277 | 42.481 |
| 38.728 | 39.192 | 39.981 | 40.21  | 40.757 | 41.035 | 41.373 | 41.428 | 41.612 |
| 37.365 | 37.853 | 38.744 | 39.038 | 39.663 | 40.014 | 40.431 | 40.559 | 40.842 |
| 30.096 | 30.594 | 31.41  | 31.772 | 32.414 | 32.815 | 33.292 | 33.565 | 33.935 |
| 36.379 | 36.991 | 37.822 | 38.212 | 38.836 | 39.292 | 39.689 | 39.904 | 40.216 |
| 38.028 | 38.488 | 39.314 | 39.51  | 40.074 | 40.39  | 40.761 | 40.858 | 41.117 |
| 37.617 | 38.003 | 38.712 | 38.926 | 39.377 | 39.631 | 39.867 | 39.918 | 40.067 |
| 35.977 | 36.395 | 37.042 | 37.252 | 37.658 | 37.924 | 38.114 | 38.168 | 38.259 |
| 31.544 | 31.793 | 32.56  | 32.647 | 33.18  | 33.306 | 33.689 | 33.73  | 33.978 |
| 43.151 | 43.503 | 44.231 | 44.244 | 44.675 | 44.822 | 45.018 | 44.935 | 45.003 |
| 36.648 | 37.028 | 37.682 | 37.859 | 38.264 | 38.538 | 38.757 | 38.829 | 38.975 |
| 34.71  | 35.027 | 35.621 | 35.71  | 36.067 | 36.204 | 36.371 | 36.349 | 36.422 |
| 36.944 | 37.367 | 38.075 | 38.343 | 38.824 | 39.181 | 39.455 | 39.595 | 39.786 |
| 30.593 | 31.013 | 31.645 | 31.911 | 32.303 | 32.65  | 32.866 | 33.046 | 33.22  |
| 36.326 | 36.875 | 37.619 | 37.974 | 38.482 | 38.95  | 39.244 | 39.458 | 39.721 |
| 32.62  | 33.093 | 33.716 | 34.068 | 34.566 | 35.083 | 35.488 | 35.933 | 36.434 |
| 32.998 | 33.394 | 34.16  | 34.438 | 34.978 | 35.267 | 35.622 | 35.774 | 36.051 |
| 28.645 | 29.201 | 29.715 | 30.192 | 30.57  | 31.126 | 31.297 | 31.606 | 31.796 |
| 31.133 | 31.48  | 32.222 | 32.429 | 32.988 | 33.251 | 33.679 | 33.866 | 34.203 |
| 31.423 | 31.892 | 32.539 | 32.91  | 33.374 | 33.772 | 34.086 | 34.365 | 34.683 |
| 23.923 | 24.266 | 25.044 | 25.175 | 25.808 | 25.944 | 26.479 | 26.65  | 27.106 |
| 36.901 | 37.351 | 38.238 | 38.455 | 39.139 | 39.479 | 40.042 | 40.305 | 40.794 |
| 37.246 | 37.72  | 38.536 | 38.759 | 39.318 | 39.621 | 39.998 | 40.116 | 40.359 |
| 31.441 | 31.848 | 32.578 | 32.762 | 33.217 | 33.423 | 33.721 | 33.775 | 33.945 |
| 25.862 | 26.421 | 27.162 | 27.516 | 28.076 | 28.44  | 28.901 | 29.205 | 29.642 |
| 30.648 | 31.251 | 31.937 | 32.37  | 32.831 | 33.353 | 33.638 | 33.93  | 34.198 |
| 27.745 | 28.087 | 28.809 | 28.998 | 29.533 | 29.716 | 30.12  | 30.231 | 30.515 |
| 23.148 | 23.616 | 24.14  | 24.464 | 24.829 | 25.143 | 25.384 | 25.59  | 25.805 |
| 34.944 | 35.417 | 36.059 | 36.507 | 36.957 | 37.439 | 37.636 | 37.844 | 38.068 |
| 32.175 | 32.664 | 33.385 | 33.837 | 34.359 | 34.779 | 35.051 | 35.247 | 35.505 |
| 36.871 | 37.304 | 38.098 | 38.408 | 38.985 | 39.339 | 39.686 | 39.834 | 40.127 |
| 29.44  | 29.879 | 30.556 | 31.031 | 31.587 | 32.059 | 32.506 | 32.906 | 33.377 |
| 39.282 | 39.706 | 40.394 | 40.613 | 41.046 | 41.369 | 41.558 | 41.635 | 41.781 |
| 34.516 | 34.969 | 35.771 | 36.112 | 36.739 | 37.122 | 37.55  | 37.798 | 38.191 |
| 35.412 | 35.782 | 36.742 | 37.052 | 37.795 | 38.072 | 38.639 | 38.844 | 39.316 |
| 34.169 | 34.735 | 35.41  | 35.788 | 36.258 | 36.728 | 36.979 | 37.203 | 37.388 |



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|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 24.751 | 25.253 | 25.881 | 26.249 | 26.77  | 27.175 | 27.605 | 27.969 | 28.429 |
| 42.994 | 43.51  | 44.306 | 44.504 | 45.021 | 45.381 | 45.678 | 45.744 | 45.931 |
| 33.474 | 33.824 | 34.607 | 34.71  | 35.252 | 35.464 | 35.764 | 35.834 | 36.067 |
| 19.542 | 19.915 | 20.488 | 20.752 | 21.246 | 21.488 | 21.921 | 22.195 | 22.595 |
| 26.429 | 26.91  | 27.636 | 27.946 | 28.579 | 28.934 | 29.463 | 29.816 | 30.356 |
| 29.536 | 30.091 | 30.877 | 31.38  | 32.029 | 32.579 | 33.121 | 33.59  | 34.131 |
| 35.425 | 36.078 | 36.855 | 37.323 | 37.874 | 38.452 | 38.786 | 39.12  | 39.444 |
| 20.043 | 20.454 | 21.138 | 21.394 | 21.972 | 22.227 | 22.745 | 23.063 | 23.567 |
| 34.349 | 34.863 | 35.761 | 36.077 | 36.767 | 37.145 | 37.672 | 37.928 | 38.337 |
| 22.355 | 22.761 | 23.527 | 23.736 | 24.382 | 24.626 | 25.209 | 25.554 | 26.128 |
| 37.271 | 37.713 | 38.496 | 38.682 | 39.212 | 39.532 | 39.876 | 40.009 | 40.236 |
| 34.926 | 35.358 | 36.006 | 36.226 | 36.664 | 36.985 | 37.221 | 37.321 | 37.471 |
| 28.904 | 29.315 | 30.084 | 30.338 | 30.911 | 31.177 | 31.594 | 31.761 | 32.067 |
| 23.526 | 23.951 | 24.653 | 24.91  | 25.511 | 25.806 | 26.343 | 26.685 | 27.227 |
| 34.958 | 35.591 | 36.409 | 36.814 | 37.413 | 37.918 | 38.316 | 38.629 | 38.98  |
| 31.355 | 31.83  | 32.738 | 33.07  | 33.791 | 34.212 | 34.805 | 35.175 | 35.736 |
| 28.902 | 29.443 | 30.236 | 30.657 | 31.309 | 31.797 | 32.318 | 32.751 | 33.288 |
| 37.019 | 37.526 | 38.387 | 38.621 | 39.199 | 39.493 | 39.876 | 39.961 | 40.177 |
| 35.588 | 36.204 | 37.05  | 37.477 | 38.109 | 38.655 | 39.133 | 39.534 | 40.019 |
| 36.006 | 36.546 | 37.22  | 37.514 | 37.899 | 38.265 | 38.438 | 38.546 | 38.617 |
| 28.932 | 29.297 | 30.106 | 30.3   | 30.882 | 31.057 | 31.487 | 31.608 | 31.934 |
| 34.588 | 35.318 | 36.113 | 36.667 | 37.269 | 37.916 | 38.302 | 38.711 | 39.064 |
| 44.087 | 44.446 | 45.117 | 45.149 | 45.555 | 45.724 | 45.886 | 45.785 | 45.828 |
| 46.832 | 47.121 | 47.846 | 47.774 | 48.205 | 48.302 | 48.516 | 48.371 | 48.406 |
| 44.832 | 45.233 | 45.919 | 45.978 | 46.406 | 46.644 | 46.821 | 46.784 | 46.837 |
| 41.165 | 41.539 | 42.148 | 42.244 | 42.617 | 42.831 | 42.969 | 42.923 | 42.934 |
| 40.982 | 41.353 | 42.012 | 42.134 | 42.518 | 42.752 | 42.901 | 42.863 | 42.936 |
| 41.128 | 41.551 | 42.174 | 42.333 | 42.682 | 42.961 | 43.065 | 43.063 | 43.086 |
| 45.771 | 46.049 | 46.736 | 46.698 | 47.117 | 47.248 | 47.446 | 47.332 | 47.379 |
| 46.077 | 46.417 | 47.121 | 47.114 | 47.508 | 47.637 | 47.795 | 47.642 | 47.653 |
| 44.14  | 44.461 | 45.191 | 45.256 | 45.688 | 45.867 | 46.076 | 46.011 | 46.078 |
| 45.276 | 45.627 | 46.301 | 46.298 | 46.691 | 46.836 | 47.024 | 46.943 | 46.984 |
| 24.935 | 24.963 | 25.235 | 25.067 | 25.234 | 25.134 | 25.207 | 25.054 | 25.039 |
| 39.942 | 40.26  | 41.04  | 41.269 | 41.813 | 42.052 | 42.389 | 42.433 | 42.68  |
| 48.114 | 48.427 | 49.161 | 49.124 | 49.616 | 49.769 | 50.041 | 49.923 | 50.033 |
| 44.695 | 45.134 | 45.715 | 45.85  | 46.17  | 46.446 | 46.558 | 46.553 | 46.587 |
| 42.516 | 42.85  | 43.483 | 43.534 | 43.921 | 44.079 | 44.297 | 44.269 | 44.354 |
| 45.786 | 46.167 | 46.836 | 46.867 | 47.282 | 47.48  | 47.676 | 47.652 | 47.72  |
| 41.44  | 41.867 | 42.471 | 42.579 | 42.925 | 43.175 | 43.297 | 43.287 | 43.333 |
| 48.221 | 48.603 | 49.471 | 49.485 | 50.048 | 50.271 | 50.616 | 50.58  | 50.781 |
| 44.091 | 44.451 | 45.122 | 45.163 | 45.533 | 45.749 | 45.909 | 45.876 | 45.947 |
| 43.475 | 43.975 | 44.529 | 44.712 | 45.012 | 45.381 | 45.446 | 45.488 | 45.502 |
| 45.032 | 45.379 | 46.006 | 46.026 | 46.398 | 46.617 | 46.761 | 46.743 | 46.804 |
| 45.011 | 45.362 | 46.138 | 46.154 | 46.639 | 46.807 | 47.073 | 47.012 | 47.149 |
| 45.115 | 45.484 | 46.224 | 46.258 | 46.724 | 46.941 | 47.167 | 47.123 | 47.229 |
| 48.378 | 48.84  | 49.633 | 49.762 | 50.264 | 50.596 | 50.874 | 50.931 | 51.121 |
| 43.281 | 43.795 | 44.657 | 44.86  | 45.438 | 45.796 | 46.156 | 46.284 | 46.523 |
| 37.347 | 37.795 | 38.523 | 38.815 | 39.452 | 39.947 | 40.489 | 40.932 | 41.534 |
| 37.821 | 38.116 | 39.129 | 39.168 | 39.916 | 40.035 | 40.667 | 40.755 | 41.22  |
| 41.903 | 42.393 | 43.273 | 43.502 | 44.135 | 44.472 | 44.909 | 45.071 | 45.405 |
| 32.388 | 33.048 | 33.784 | 34.358 | 35.012 | 35.708 | 36.252 | 36.873 | 37.544 |
| 38.551 | 39.132 | 39.907 | 40.259 | 40.818 | 41.322 | 41.656 | 41.917 | 42.211 |
| 41.545 | 42.065 | 42.937 | 43.128 | 43.722 | 44.026 | 44.374 | 44.434 | 44.648 |
| 35.506 | 36.076 | 36.843 | 37.211 | 37.769 | 38.226 | 38.613 | 38.905 | 39.259 |
| 47.405 | 47.77  | 48.499 | 48.578 | 48.999 | 49.222 | 49.414 | 49.359 | 49.422 |
| 34.185 | 34.584 | 35.447 | 35.635 | 36.255 | 36.476 | 36.939 | 37.088 | 37.421 |
| 43.633 | 44.125 | 44.947 | 45.118 | 45.663 | 45.972 | 46.261 | 46.328 | 46.486 |
| 44.087 | 44.407 | 45.157 | 45.152 | 45.635 | 45.78  | 46.046 | 45.987 | 46.139 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 39.851 | 40.314 | 41.104 | 41.3   | 41.868 | 42.171 | 42.54  | 42.669 | 42.95  |
| 44.14  | 44.636 | 45.423 | 45.612 | 46.142 | 46.504 | 46.787 | 46.908 | 47.111 |
| 36.067 | 36.552 | 37.531 | 37.824 | 38.557 | 38.949 | 39.522 | 39.802 | 40.302 |
| 40.472 | 40.866 | 41.744 | 41.86  | 42.486 | 42.746 | 43.186 | 43.322 | 43.647 |
| 42.797 | 43.396 | 44.254 | 44.609 | 45.242 | 45.785 | 46.205 | 46.518 | 46.926 |
| 45.813 | 46.314 | 47.237 | 47.403 | 48.047 | 48.398 | 48.822 | 48.921 | 49.184 |
| 41.555 | 42.167 | 43.143 | 43.487 | 44.228 | 44.71  | 45.227 | 45.464 | 45.884 |
| 47.934 | 48.543 | 49.444 | 49.678 | 50.351 | 50.812 | 51.216 | 51.368 | 51.619 |
| 44.547 | 45.012 | 45.988 | 46.08  | 46.744 | 46.988 | 47.37  | 47.358 | 47.543 |
| 41.003 | 41.513 | 42.545 | 42.717 | 43.428 | 43.708 | 44.138 | 44.185 | 44.452 |
| 40.496 | 40.787 | 41.459 | 41.538 | 41.942 | 42.071 | 42.261 | 42.177 | 42.232 |
| 36.544 | 36.787 | 37.517 | 37.434 | 37.876 | 37.767 | 38.009 | 37.803 | 37.829 |
| 45.586 | 45.94  | 46.668 | 46.682 | 47.12  | 47.267 | 47.439 | 47.309 | 47.321 |
| 40.894 | 41.43  | 42.044 | 42.323 | 42.686 | 43.058 | 43.12  | 43.151 | 43.168 |
| 45.134 | 45.558 | 46.179 | 46.273 | 46.577 | 46.832 | 46.853 | 46.776 | 46.735 |
| 48.001 | 48.345 | 49.183 | 49.169 | 49.685 | 49.836 | 50.113 | 50.005 | 50.125 |
| 42.579 | 42.872 | 43.532 | 43.516 | 43.916 | 44.008 | 44.139 | 44.016 | 44.048 |
| 42.125 | 42.409 | 43.161 | 43.163 | 43.661 | 43.769 | 44.002 | 43.887 | 43.981 |
| 40.382 | 40.753 | 41.487 | 41.697 | 42.193 | 42.464 | 42.689 | 42.721 | 42.875 |
| 34.631 | 35.056 | 35.777 | 36.031 | 36.552 | 36.852 | 37.202 | 37.39  | 37.707 |
| 40.969 | 41.299 | 42.227 | 42.264 | 42.902 | 43.041 | 43.489 | 43.502 | 43.791 |
| 39.512 | 40.011 | 40.733 | 40.995 | 41.495 | 41.904 | 42.203 | 42.41  | 42.702 |
| 33.194 | 33.675 | 34.331 | 34.62  | 35.041 | 35.407 | 35.612 | 35.788 | 35.991 |
| 34.729 | 35.253 | 35.986 | 36.311 | 36.819 | 37.223 | 37.553 | 37.796 | 38.12  |
| 38.88  | 39.51  | 40.492 | 40.847 | 41.544 | 42.019 | 42.484 | 42.71  | 43.024 |
| 35.926 | 36.532 | 37.517 | 37.872 | 38.593 | 39.032 | 39.522 | 39.766 | 40.12  |
| 38.702 | 39.251 | 40.184 | 40.419 | 41.078 | 41.423 | 41.846 | 41.955 | 42.221 |
| 34.841 | 35.313 | 36.246 | 36.461 | 37.138 | 37.395 | 37.836 | 37.916 | 38.189 |
| 42.778 | 43.164 | 43.806 | 43.802 | 44.16  | 44.313 | 44.403 | 44.252 | 44.213 |
| 42.907 | 43.349 | 44.084 | 44.162 | 44.601 | 44.836 | 44.996 | 44.932 | 44.965 |
| 43.979 | 44.235 | 44.863 | 44.725 | 45.043 | 45.054 | 45.14  | 44.901 | 44.823 |
| 40.442 | 40.629 | 41.221 | 41.051 | 41.357 | 41.278 | 41.369 | 41.09  | 41.02  |
| 42.487 | 42.623 | 43.177 | 42.91  | 43.133 | 42.994 | 42.969 | 42.609 | 42.423 |
| 41.504 | 41.765 | 42.377 | 42.284 | 42.609 | 42.671 | 42.766 | 42.58  | 42.544 |
| 43.149 | 43.418 | 43.989 | 43.901 | 44.218 | 44.297 | 44.369 | 44.181 | 44.114 |
| 44.283 | 44.526 | 45.104 | 44.978 | 45.277 | 45.334 | 45.391 | 45.195 | 45.127 |
| 40.841 | 41.206 | 41.676 | 41.72  | 41.979 | 42.199 | 42.223 | 42.166 | 42.082 |
| 44.795 | 45.094 | 45.642 | 45.604 | 45.885 | 46.051 | 46.093 | 45.947 | 45.842 |
| 42.19  | 42.459 | 42.909 | 42.826 | 43.035 | 43.136 | 43.101 | 42.907 | 42.744 |
| 44.261 | 44.419 | 44.953 | 44.759 | 45.018 | 45.018 | 45.064 | 44.813 | 44.718 |
| 48.118 | 48.375 | 49.01  | 48.867 | 49.252 | 49.319 | 49.456 | 49.26  | 49.24  |
| 43.897 | 44.339 | 44.887 | 44.968 | 45.251 | 45.502 | 45.519 | 45.433 | 45.378 |
| 43.38  | 43.601 | 44.279 | 44.127 | 44.528 | 44.509 | 44.693 | 44.453 | 44.426 |
| 43.72  | 44.015 | 44.646 | 44.538 | 44.914 | 44.971 | 45.095 | 44.908 | 44.854 |
| 49.127 | 49.356 | 50.017 | 49.846 | 50.208 | 50.284 | 50.366 | 50.132 | 50.067 |
| 47.238 | 47.64  | 48.064 | 48.203 | 48.32  | 48.534 | 48.489 | 48.366 | 48.27  |
| 48.068 | 48.403 | 48.85  | 48.86  | 48.995 | 49.085 | 49.042 | 48.815 | 48.67  |
| 48.411 | 48.834 | 49.06  | 49.143 | 49.103 | 49.291 | 49.07  | 48.879 | 48.632 |
| 49.396 | 49.784 | 50.21  | 50.267 | 50.374 | 50.542 | 50.473 | 50.283 | 50.146 |
| 47.42  | 47.794 | 48.269 | 48.334 | 48.492 | 48.638 | 48.662 | 48.525 | 48.454 |
| 45.92  | 46.479 | 47.128 | 47.421 | 47.749 | 48.117 | 48.24  | 48.247 | 48.257 |
| 43.048 | 43.475 | 43.908 | 44.078 | 44.23  | 44.447 | 44.459 | 44.401 | 44.322 |
| 41.749 | 42.248 | 42.922 | 43.168 | 43.539 | 43.8   | 44.017 | 43.996 | 44.057 |
| 48.638 | 49.004 | 49.422 | 49.494 | 49.644 | 49.818 | 49.809 | 49.643 | 49.539 |
| 50.627 | 50.96  | 51.387 | 51.395 | 51.527 | 51.687 | 51.637 | 51.455 | 51.344 |
| 50.812 | 51.14  | 51.609 | 51.622 | 51.778 | 51.932 | 51.907 | 51.719 | 51.625 |
| 50.418 | 50.842 | 51.445 | 51.574 | 51.854 | 52.122 | 52.246 | 52.165 | 52.193 |
| 50.761 | 51.221 | 51.778 | 51.926 | 52.158 | 52.438 | 52.471 | 52.384 | 52.371 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 48.641 | 49.09  | 49.697 | 49.81  | 50.113 | 50.337 | 50.468 | 50.398 | 50.443 |
| 48.055 | 48.495 | 49.103 | 49.215 | 49.556 | 49.782 | 49.946 | 49.887 | 49.942 |
| 48.164 | 48.689 | 49.327 | 49.531 | 49.91  | 50.254 | 50.426 | 50.461 | 50.541 |
| 49.284 | 49.673 | 50.445 | 50.516 | 50.959 | 51.138 | 51.426 | 51.336 | 51.452 |
| 50.063 | 50.491 | 51.272 | 51.329 | 51.805 | 51.977 | 52.258 | 52.187 | 52.308 |
| 50.429 | 50.861 | 51.564 | 51.621 | 52.038 | 52.238 | 52.44  | 52.368 | 52.446 |
| 48.827 | 49.361 | 49.982 | 50.128 | 50.462 | 50.78  | 50.867 | 50.83  | 50.856 |
| 40.259 | 40.752 | 41.612 | 41.884 | 42.528 | 42.907 | 43.411 | 43.698 | 44.184 |
| 46.467 | 47.172 | 47.851 | 48.203 | 48.586 | 49.062 | 49.178 | 49.259 | 49.32  |
| 36.482 | 37.148 | 37.961 | 38.433 | 38.974 | 39.478 | 39.837 | 40.129 | 40.442 |
| 38.899 | 39.538 | 40.271 | 40.72  | 41.211 | 41.721 | 42.036 | 42.311 | 42.628 |
| 37.01  | 37.547 | 38.302 | 38.611 | 39.122 | 39.43  | 39.732 | 39.872 | 40.13  |
| 36.309 | 36.945 | 37.789 | 38.239 | 38.815 | 39.299 | 39.683 | 39.953 | 40.323 |
| 40.736 | 41.405 | 42.1   | 42.57  | 43.007 | 43.55  | 43.775 | 44.01  | 44.224 |
| 36.745 | 37.474 | 38.004 | 38.588 | 38.897 | 39.548 | 39.674 | 40.047 | 40.266 |
| 35.824 | 36.553 | 37.379 | 37.971 | 38.544 | 39.178 | 39.582 | 39.976 | 40.363 |
| 38.138 | 38.81  | 39.665 | 40.11  | 40.685 | 41.202 | 41.577 | 41.817 | 42.083 |
| 38.694 | 39.457 | 40.258 | 40.78  | 41.315 | 41.968 | 42.262 | 42.566 | 42.812 |
| 41.262 | 41.71  | 42.393 | 42.52  | 42.907 | 43.155 | 43.322 | 43.299 | 43.348 |
| 45.271 | 45.691 | 46.464 | 46.502 | 46.991 | 47.183 | 47.476 | 47.402 | 47.507 |
| 45.297 | 45.793 | 46.603 | 46.813 | 47.411 | 47.815 | 48.234 | 48.353 | 48.586 |
| 41.004 | 41.328 | 41.785 | 41.769 | 41.934 | 42.058 | 41.992 | 41.807 | 41.642 |
| 38.552 | 38.694 | 39.154 | 39.017 | 39.217 | 39.177 | 39.189 | 38.952 | 38.814 |
| 39.756 | 39.93  | 40.34  | 40.172 | 40.279 | 40.243 | 40.123 | 39.828 | 39.588 |
| 37.117 | 37.319 | 37.66  | 37.62  | 37.763 | 37.847 | 37.831 | 37.674 | 37.564 |
| 34.098 | 34.325 | 34.658 | 34.679 | 34.832 | 34.989 | 34.975 | 34.923 | 34.842 |
| 31.798 | 31.995 | 32.241 | 32.266 | 32.386 | 32.554 | 32.468 | 32.418 | 32.309 |
| 34.053 | 34.289 | 34.774 | 34.795 | 35.059 | 35.173 | 35.281 | 35.21  | 35.208 |
| 36.724 | 37.069 | 37.448 | 37.565 | 37.737 | 37.964 | 37.985 | 37.951 | 37.871 |
| 36.2   | 36.344 | 36.722 | 36.645 | 36.823 | 36.869 | 36.888 | 36.73  | 36.648 |
| 32.101 | 32.356 | 32.746 | 32.802 | 33.004 | 33.174 | 33.225 | 33.193 | 33.134 |
| 34.581 | 34.782 | 35.279 | 35.246 | 35.552 | 35.629 | 35.741 | 35.639 | 35.622 |
| 37.568 | 37.933 | 38.303 | 38.403 | 38.55  | 38.809 | 38.746 | 38.698 | 38.559 |
| 35.567 | 35.912 | 36.279 | 36.435 | 36.614 | 36.901 | 36.898 | 36.909 | 36.851 |
| 40.728 | 40.974 | 41.433 | 41.349 | 41.546 | 41.63  | 41.581 | 41.381 | 41.245 |
| 41.231 | 41.435 | 41.863 | 41.746 | 41.932 | 41.99  | 41.991 | 41.797 | 41.681 |
| 43.924 | 44.194 | 44.73  | 44.633 | 44.874 | 45     | 45.018 | 44.824 | 44.744 |
| 35.114 | 35.581 | 36.199 | 36.426 | 36.83  | 37.176 | 37.363 | 37.411 | 37.465 |
| 43.378 | 43.597 | 44.069 | 43.937 | 44.128 | 44.196 | 44.141 | 43.909 | 43.775 |
| 40.054 | 40.314 | 40.74  | 40.669 | 40.843 | 40.928 | 40.847 | 40.647 | 40.486 |
| 39.081 | 39.402 | 39.778 | 39.756 | 39.847 | 39.954 | 39.805 | 39.616 | 39.409 |
| 40.571 | 40.834 | 41.316 | 41.23  | 41.429 | 41.462 | 41.435 | 41.225 | 41.089 |
| 42.376 | 42.723 | 43.164 | 43.124 | 43.304 | 43.418 | 43.327 | 43.14  | 42.981 |
| 39.601 | 39.961 | 40.501 | 40.497 | 40.742 | 40.851 | 40.841 | 40.67  | 40.56  |
| 40.729 | 41.358 | 42.006 | 42.261 | 42.627 | 43.022 | 43.092 | 43.121 | 43.111 |
| 36.213 | 36.501 | 37.106 | 37.094 | 37.435 | 37.53  | 37.65  | 37.549 | 37.521 |
| 33.703 | 33.948 | 34.456 | 34.44  | 34.706 | 34.791 | 34.874 | 34.766 | 34.728 |
| 33.901 | 34.165 | 34.704 | 34.705 | 35.019 | 35.103 | 35.207 | 35.109 | 35.082 |
| 36.789 | 37.159 | 37.598 | 37.663 | 37.834 | 37.995 | 37.928 | 37.805 | 37.674 |
| 35.827 | 36.237 | 36.747 | 36.889 | 37.187 | 37.439 | 37.513 | 37.506 | 37.494 |
| 36.19  | 36.505 | 37.163 | 37.195 | 37.582 | 37.713 | 37.895 | 37.825 | 37.866 |
| 34.277 | 34.64  | 35.197 | 35.303 | 35.609 | 35.773 | 35.862 | 35.823 | 35.815 |
| 36.651 | 37.013 | 37.574 | 37.661 | 37.955 | 38.136 | 38.201 | 38.115 | 38.104 |
| 37.464 | 37.887 | 38.493 | 38.654 | 38.978 | 39.23  | 39.28  | 39.234 | 39.218 |
| 35.689 | 36.223 | 36.842 | 37.148 | 37.504 | 37.866 | 37.946 | 38.006 | 38.026 |
| 31.339 | 31.929 | 32.733 | 33.232 | 33.789 | 34.252 | 34.585 | 34.818 | 35.073 |
| 30.68  | 31.178 | 31.939 | 32.351 | 32.906 | 33.254 | 33.593 | 33.751 | 33.962 |
| 27.964 | 28.515 | 29.349 | 29.816 | 30.464 | 30.915 | 31.389 | 31.701 | 32.111 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 36.232 | 36.699 | 37.494 | 37.741 | 38.268 | 38.587 | 38.86  | 38.935 | 39.11  |
| 36.686 | 37.09  | 37.814 | 37.951 | 38.414 | 38.601 | 38.792 | 38.761 | 38.846 |
| 35.7   | 36.201 | 36.851 | 37.125 | 37.489 | 37.826 | 37.912 | 37.961 | 37.987 |
| 34.332 | 34.647 | 35.314 | 35.608 | 36.018 | 36.147 | 36.319 | 36.427 | 36.455 |
| 40.417 | 40.854 | 41.635 | 41.8   | 42.293 | 42.527 | 42.749 | 42.715 | 42.803 |
| 39.075 | 39.563 | 40.293 | 40.479 | 40.914 | 41.202 | 41.344 | 41.36  | 41.416 |
| 35.919 | 36.347 | 37.121 | 37.355 | 37.884 | 38.134 | 38.414 | 38.468 | 38.636 |
| 31.88  | 32.39  | 33.188 | 33.606 | 34.181 | 34.573 | 34.953 | 35.172 | 35.465 |
| 32.765 | 33.156 | 34.059 | 34.217 | 34.87  | 34.988 | 35.438 | 35.472 | 35.754 |
| 33.424 | 33.684 | 34.651 | 34.718 | 35.431 | 35.437 | 35.931 | 35.902 | 36.227 |
| 37.342 | 37.845 | 38.843 | 39.067 | 39.762 | 39.993 | 40.449 | 40.527 | 40.824 |
| 35.592 | 36.27  | 37.136 | 37.504 | 38.082 | 38.534 | 38.813 | 38.992 | 39.184 |
| 40.41  | 41.062 | 42.009 | 42.29  | 42.9   | 43.276 | 43.585 | 43.667 | 43.842 |
| 39.295 | 39.871 | 40.617 | 40.844 | 41.262 | 41.591 | 41.733 | 41.738 | 41.766 |
| 36.03  | 36.453 | 37.012 | 37.152 | 37.452 | 37.661 | 37.738 | 37.699 | 37.671 |
| 36.069 | 36.542 | 37.37  | 37.517 | 38     | 38.173 | 38.417 | 38.392 | 38.467 |
| 39.187 | 39.572 | 40.319 | 40.341 | 40.789 | 40.931 | 41.116 | 41.035 | 41.086 |
| 39.944 | 40.226 | 40.95  | 40.859 | 41.271 | 41.274 | 41.446 | 41.248 | 41.241 |
| 39.998 | 40.385 | 40.964 | 41.049 | 41.358 | 41.564 | 41.634 | 41.549 | 41.511 |
| 38.859 | 39.16  | 39.862 | 39.81  | 40.215 | 40.271 | 40.444 | 40.3   | 40.302 |
| 39.858 | 40.214 | 40.818 | 40.802 | 41.126 | 41.255 | 41.321 | 41.205 | 41.143 |
| 38.144 | 38.609 | 39.123 | 39.332 | 39.568 | 39.857 | 39.841 | 39.856 | 39.792 |
| 42.494 | 42.883 | 43.739 | 43.704 | 44.236 | 44.27  | 44.559 | 44.399 | 44.458 |
| 37.378 | 37.812 | 38.361 | 38.456 | 38.716 | 38.938 | 38.945 | 38.875 | 38.791 |
| 40.864 | 41.244 | 41.859 | 41.865 | 42.164 | 42.272 | 42.345 | 42.202 | 42.154 |
| 37.922 | 38.296 | 38.907 | 38.94  | 39.253 | 39.392 | 39.431 | 39.309 | 39.254 |
| 34.976 | 35.306 | 35.916 | 35.95  | 36.32  | 36.408 | 36.556 | 36.472 | 36.474 |
| 42.719 | 43.304 | 44.074 | 44.283 | 44.729 | 45.067 | 45.225 | 45.218 | 45.244 |
| 39.548 | 40.098 | 40.858 | 41.071 | 41.535 | 41.847 | 42.07  | 42.099 | 42.156 |
| 43.228 | 43.447 | 44.118 | 44.034 | 44.551 | 44.717 | 45.059 | 45.024 | 45.185 |
| 39.52  | 39.777 | 40.422 | 40.377 | 40.753 | 40.824 | 40.991 | 40.859 | 40.883 |
| 45.333 | 45.745 | 46.563 | 46.599 | 47.09  | 47.263 | 47.523 | 47.415 | 47.487 |
| 40.488 | 40.918 | 41.725 | 41.883 | 42.382 | 42.602 | 42.887 | 42.87  | 42.995 |
| 34.367 | 34.872 | 35.823 | 36.096 | 36.731 | 37.053 | 37.48  | 37.617 | 37.901 |
| 40.329 | 40.825 | 41.742 | 41.88  | 42.451 | 42.644 | 42.992 | 42.949 | 43.092 |
| 30.605 | 31.051 | 31.719 | 31.98  | 32.444 | 32.782 | 33.035 | 33.178 | 33.334 |
| 36.406 | 36.851 | 37.627 | 37.809 | 38.308 | 38.571 | 38.849 | 38.878 | 39.034 |
| 33.793 | 34.285 | 35.131 | 35.375 | 35.971 | 36.279 | 36.693 | 36.822 | 37.052 |
| 32.571 | 33.125 | 33.861 | 34.198 | 34.708 | 35.129 | 35.444 | 35.627 | 35.84  |
| 32.935 | 33.353 | 34.088 | 34.3   | 34.826 | 35.115 | 35.478 | 35.592 | 35.794 |
| 35.323 | 35.802 | 36.521 | 36.755 | 37.239 | 37.531 | 37.817 | 37.897 | 38.027 |
| 34.935 | 35.379 | 36.165 | 36.346 | 36.88  | 37.157 | 37.465 | 37.532 | 37.712 |
| 34.014 | 34.53  | 35.341 | 35.624 | 36.207 | 36.555 | 36.92  | 37.058 | 37.289 |
| 32.982 | 33.537 | 34.32  | 34.675 | 35.212 | 35.635 | 36     | 36.212 | 36.463 |
| 35.693 | 36.209 | 37.072 | 37.307 | 37.922 | 38.265 | 38.657 | 38.803 | 39.06  |
| 36.735 | 37.324 | 38.184 | 38.522 | 39.117 | 39.536 | 39.932 | 40.115 | 40.36  |
| 35.745 | 36.333 | 37.14  | 37.497 | 38.074 | 38.518 | 38.864 | 39.059 | 39.299 |
| 33.844 | 34.462 | 35.372 | 35.776 | 36.461 | 36.935 | 37.451 | 37.71  | 38.047 |
| 26.326 | 26.94  | 27.858 | 28.283 | 29.075 | 29.566 | 30.286 | 30.717 | 31.286 |
| 8.16   | 8.483  | 8.766  | 9.046  | 9.347  | 9.746  | 10.014 | 10.326 | 10.629 |
| 30.423 | 31.006 | 31.917 | 32.332 | 33.062 | 33.544 | 34.092 | 34.376 | 34.76  |
| 35.202 | 35.805 | 36.692 | 37.062 | 37.698 | 38.137 | 38.552 | 38.739 | 38.988 |
| 37.596 | 38.193 | 38.937 | 39.237 | 39.703 | 40.138 | 40.356 | 40.476 | 40.593 |
| 35.639 | 36.228 | 37.112 | 37.426 | 38.013 | 38.411 | 38.781 | 38.926 | 39.156 |
| 39.666 | 40.078 | 40.892 | 40.98  | 41.495 | 41.675 | 41.967 | 41.922 | 42.027 |
| 39.265 | 39.864 | 40.898 | 41.156 | 41.913 | 42.254 | 42.745 | 42.847 | 43.116 |
| 37.376 | 37.982 | 38.782 | 39.1   | 39.631 | 40.023 | 40.314 | 40.435 | 40.589 |
| 34.581 | 35.063 | 35.819 | 36.048 | 36.557 | 36.848 | 37.136 | 37.208 | 37.384 |

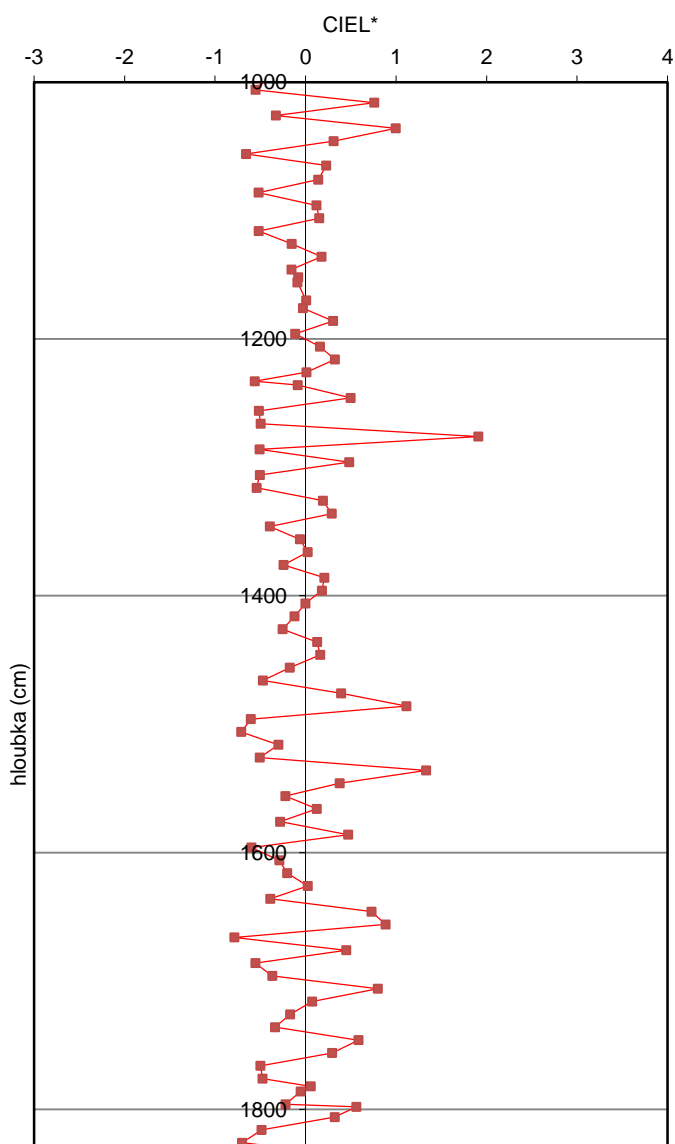
|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 38.71  | 39.166 | 40.042 | 40.187 | 40.798 | 41.023 | 41.401 | 41.423 | 41.616 |
| 39.307 | 39.777 | 40.624 | 40.753 | 41.293 | 41.525 | 41.82  | 41.812 | 41.922 |
| 38.67  | 39.199 | 39.999 | 40.196 | 40.718 | 41.009 | 41.296 | 41.341 | 41.468 |
| 40.337 | 40.843 | 41.679 | 41.862 | 42.403 | 42.683 | 42.988 | 43.028 | 43.168 |
| 41.91  | 42.374 | 43.244 | 43.378 | 43.953 | 44.184 | 44.522 | 44.497 | 44.629 |
| 43.923 | 44.418 | 45.404 | 45.5   | 46.164 | 46.402 | 46.819 | 46.809 | 47.027 |
| 42.091 | 42.535 | 43.284 | 43.383 | 43.835 | 44.059 | 44.273 | 44.23  | 44.303 |
| 40.619 | 41.14  | 42.034 | 42.236 | 42.838 | 43.15  | 43.479 | 43.542 | 43.728 |
| 40.477 | 40.935 | 41.808 | 41.941 | 42.527 | 42.733 | 43.076 | 43.066 | 43.24  |
| 40.935 | 41.425 | 42.322 | 42.486 | 43.106 | 43.375 | 43.738 | 43.774 | 43.978 |
| 40.061 | 40.483 | 41.44  | 41.558 | 42.231 | 42.427 | 42.867 | 42.891 | 43.156 |
| 36.861 | 37.372 | 38.227 | 38.479 | 39.044 | 39.348 | 39.681 | 39.774 | 39.985 |
| 36.314 | 36.814 | 37.793 | 38.058 | 38.747 | 39.048 | 39.505 | 39.646 | 39.966 |
| 32.098 | 32.62  | 33.499 | 33.913 | 34.589 | 35.047 | 35.508 | 35.821 | 36.222 |
| 39.023 | 39.517 | 40.363 | 40.593 | 41.166 | 41.497 | 41.814 | 41.896 | 42.092 |
| 40.863 | 41.355 | 42.203 | 42.386 | 42.944 | 43.24  | 43.539 | 43.579 | 43.751 |
| 39.027 | 39.5   | 40.329 | 40.549 | 41.137 | 41.451 | 41.797 | 41.902 | 42.13  |
| 41.954 | 42.399 | 43.38  | 43.468 | 44.168 | 44.376 | 44.794 | 44.803 | 45.038 |
| 39.094 | 39.544 | 40.619 | 40.819 | 41.608 | 41.925 | 42.498 | 42.651 | 43.056 |
| 36.642 | 37.184 | 38.208 | 38.562 | 39.34  | 39.757 | 40.325 | 40.564 | 41.009 |
| 36.437 | 37.009 | 37.962 | 38.354 | 39.103 | 39.566 | 40.098 | 40.377 | 40.8   |
| 40.867 | 41.466 | 42.502 | 42.828 | 43.605 | 44.086 | 44.623 | 44.865 | 45.276 |
| 43.711 | 44.214 | 45.289 | 45.483 | 46.3   | 46.654 | 47.268 | 47.421 | 47.813 |
| 38.475 | 39.06  | 39.988 | 40.355 | 41.051 | 41.545 | 42.029 | 42.289 | 42.669 |
| 41.354 | 41.917 | 42.982 | 43.259 | 44.08  | 44.466 | 45.052 | 45.213 | 45.609 |
| 40.462 | 41.112 | 42.188 | 42.588 | 43.416 | 43.94  | 44.558 | 44.842 | 45.308 |
| 37.536 | 38.204 | 39.173 | 39.642 | 40.387 | 40.995 | 41.522 | 41.896 | 42.337 |
| 42.871 | 43.58  | 44.595 | 44.958 | 45.738 | 46.241 | 46.759 | 46.98  | 47.308 |
| 47.622 | 48.224 | 49.433 | 49.663 | 50.54  | 50.99  | 51.603 | 51.783 | 52.211 |
| 40.146 | 40.762 | 41.859 | 42.123 | 42.908 | 43.301 | 43.84  | 43.973 | 44.305 |
| 40.252 | 40.821 | 41.73  | 42.008 | 42.666 | 43.062 | 43.499 | 43.636 | 43.893 |
| 41.618 | 42.233 | 43.229 | 43.515 | 44.21  | 44.61  | 45.059 | 45.177 | 45.46  |
| 41.448 | 42.09  | 43.032 | 43.334 | 43.991 | 44.431 | 44.827 | 44.97  | 45.215 |
| 43.086 | 43.605 | 44.732 | 44.9   | 45.716 | 46.032 | 46.612 | 46.704 | 47.033 |
| 43.647 | 44.274 | 45.361 | 45.599 | 46.396 | 46.813 | 47.319 | 47.448 | 47.766 |
| 41.647 | 42.21  | 43.11  | 43.319 | 43.891 | 44.191 | 44.51  | 44.542 | 44.682 |
| 45.835 | 46.405 | 47.398 | 47.589 | 48.289 | 48.674 | 49.116 | 49.18  | 49.444 |
| 37.855 | 38.392 | 39.362 | 39.672 | 40.358 | 40.762 | 41.24  | 41.404 | 41.714 |
| 37.817 | 38.383 | 39.344 | 39.637 | 40.333 | 40.735 | 41.201 | 41.376 | 41.685 |
| 43.866 | 44.384 | 45.226 | 45.362 | 45.888 | 46.185 | 46.472 | 46.486 | 46.614 |
| 46.837 | 47.42  | 48.415 | 48.577 | 49.23  | 49.526 | 49.915 | 49.901 | 50.096 |
| 45.36  | 45.859 | 46.742 | 46.841 | 47.367 | 47.561 | 47.832 | 47.74  | 47.831 |
| 45.589 | 46.29  | 47.245 | 47.504 | 48.113 | 48.483 | 48.775 | 48.816 | 48.939 |
| 46.89  | 47.489 | 48.557 | 48.742 | 49.468 | 49.791 | 50.231 | 50.247 | 50.498 |
| 41.522 | 41.963 | 42.792 | 42.885 | 43.381 | 43.575 | 43.797 | 43.734 | 43.796 |
| 40.813 | 41.275 | 42.168 | 42.283 | 42.825 | 43.012 | 43.317 | 43.256 | 43.38  |
| 42.042 | 42.548 | 43.444 | 43.556 | 44.076 | 44.272 | 44.512 | 44.431 | 44.503 |
| 41.886 | 42.43  | 43.465 | 43.621 | 44.262 | 44.509 | 44.869 | 44.836 | 45.009 |
| 45.176 | 45.635 | 46.671 | 46.698 | 47.389 | 47.5   | 47.904 | 47.793 | 47.949 |
| 44.615 | 45.202 | 46.159 | 46.348 | 46.979 | 47.247 | 47.567 | 47.553 | 47.712 |
| 47.4   | 47.952 | 48.974 | 49.116 | 49.738 | 50.028 | 50.361 | 50.324 | 50.492 |
| 44.173 | 44.747 | 45.656 | 45.806 | 46.347 | 46.588 | 46.826 | 46.773 | 46.836 |
| 44.211 | 44.669 | 45.778 | 45.823 | 46.559 | 46.625 | 47.15  | 47.03  | 47.251 |
| 46.103 | 46.666 | 47.705 | 47.822 | 48.434 | 48.671 | 48.988 | 48.906 | 49.034 |
| 47.033 | 47.555 | 48.629 | 48.704 | 49.328 | 49.484 | 49.842 | 49.722 | 49.849 |
| 46.565 | 47.081 | 48.24  | 48.32  | 49.103 | 49.288 | 49.778 | 49.722 | 49.961 |
| 44.431 | 44.969 | 45.925 | 46.051 | 46.624 | 46.813 | 47.076 | 46.976 | 47.058 |
| 41.765 | 42.306 | 43.234 | 43.39  | 43.974 | 44.19  | 44.506 | 44.471 | 44.59  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 39.331 | 39.852 | 40.721 | 40.915 | 41.466 | 41.718 | 41.958 | 41.943 | 42.045 |
| 41.287 | 41.856 | 42.572 | 42.784 | 43.152 | 43.441 | 43.531 | 43.497 | 43.485 |
| 40.86  | 41.418 | 42.314 | 42.467 | 42.995 | 43.173 | 43.449 | 43.378 | 43.453 |
| 45.539 | 46.045 | 47.178 | 47.233 | 47.971 | 48.13  | 48.564 | 48.485 | 48.682 |
| 45.852 | 46.463 | 47.504 | 47.719 | 48.395 | 48.758 | 49.13  | 49.187 | 49.374 |
| 42.76  | 43.306 | 44.341 | 44.46  | 45.141 | 45.332 | 45.71  | 45.642 | 45.817 |
| 43.604 | 44.182 | 45.267 | 45.412 | 46.089 | 46.34  | 46.743 | 46.702 | 46.884 |
| 45.682 | 46.361 | 47.493 | 47.731 | 48.422 | 48.734 | 49.091 | 49.09  | 49.252 |
| 47.131 | 48.068 | 48.89  | 49.668 | 49.889 | 50.407 | 50.525 | 50.678 | 50.738 |
| 48.112 | 48.852 | 49.827 | 50.367 | 50.779 | 51.048 | 51.389 | 51.423 | 51.58  |
| 45.663 | 46.618 | 47.346 | 48.138 | 48.291 | 48.848 | 48.856 | 49.01  | 49.006 |
| 45.372 | 46.244 | 47.053 | 47.736 | 47.997 | 48.469 | 48.622 | 48.764 | 48.838 |
| 43.767 | 44.467 | 45.008 | 45.626 | 45.687 | 46.131 | 46.127 | 46.228 | 46.175 |
| 41.954 | 42.755 | 43.424 | 44.129 | 44.388 | 44.912 | 45.09  | 45.325 | 45.433 |
| 39.363 | 40.197 | 40.867 | 41.667 | 41.986 | 42.686 | 42.938 | 43.315 | 43.535 |
| 34.56  | 35.228 | 35.713 | 36.382 | 36.565 | 37.128 | 37.287 | 37.597 | 37.713 |
| 36.835 | 37.428 | 37.971 | 38.529 | 38.743 | 39.201 | 39.384 | 39.579 | 39.707 |
| 32.417 | 33.014 | 33.515 | 34.09  | 34.304 | 34.773 | 34.969 | 35.244 | 35.378 |
| 37.341 | 38.003 | 38.381 | 38.992 | 39.011 | 39.535 | 39.52  | 39.736 | 39.705 |
| 30.692 | 31.137 | 31.681 | 32.156 | 32.429 | 32.803 | 33.065 | 33.3   | 33.501 |
| 37.5   | 38.066 | 38.684 | 39.205 | 39.47  | 39.884 | 40.098 | 40.285 | 40.435 |
| 37.94  | 38.458 | 38.979 | 39.444 | 39.595 | 39.913 | 40.037 | 40.143 | 40.185 |
| 38.959 | 39.621 | 40.171 | 40.749 | 40.938 | 41.401 | 41.511 | 41.677 | 41.751 |
| 39.698 | 40.36  | 40.984 | 41.585 | 41.818 | 42.308 | 42.521 | 42.761 | 42.905 |
| 39.788 | 40.388 | 41.045 | 41.584 | 41.89  | 42.307 | 42.579 | 42.758 | 42.937 |
| 36.317 | 36.862 | 37.547 | 38.076 | 38.416 | 38.796 | 39.113 | 39.292 | 39.517 |
| 35.827 | 36.323 | 36.919 | 37.374 | 37.641 | 37.98  | 38.244 | 38.401 | 38.546 |
| 38.809 | 39.443 | 39.99  | 40.548 | 40.717 | 41.134 | 41.253 | 41.408 | 41.459 |
| 38.087 | 38.6   | 39.219 | 39.689 | 39.953 | 40.308 | 40.568 | 40.719 | 40.882 |
| 36.266 | 36.752 | 37.257 | 37.723 | 37.892 | 38.21  | 38.332 | 38.429 | 38.484 |
| 40.687 | 41.271 | 41.777 | 42.274 | 42.393 | 42.747 | 42.808 | 42.875 | 42.873 |
| 36.137 | 36.496 | 37.001 | 37.286 | 37.454 | 37.622 | 37.751 | 37.754 | 37.78  |
| 36.281 | 36.719 | 37.174 | 37.577 | 37.698 | 37.999 | 38.094 | 38.166 | 38.199 |
| 36.826 | 37.313 | 37.757 | 38.191 | 38.301 | 38.606 | 38.679 | 38.767 | 38.786 |
| 35.386 | 35.758 | 36.125 | 36.441 | 36.495 | 36.702 | 36.726 | 36.743 | 36.699 |
| 43.781 | 44.348 | 44.951 | 45.451 | 45.622 | 45.99  | 46.123 | 46.203 | 46.262 |
| 42.179 | 42.757 | 43.372 | 43.85  | 44.037 | 44.413 | 44.558 | 44.666 | 44.712 |
| 44.824 | 45.363 | 45.946 | 46.339 | 46.486 | 46.739 | 46.844 | 46.836 | 46.847 |
| 45.108 | 45.644 | 46.281 | 46.7   | 46.912 | 47.241 | 47.406 | 47.475 | 47.538 |
| 42.279 | 42.92  | 43.527 | 44.065 | 44.29  | 44.731 | 44.861 | 44.998 | 45.071 |
| 40.065 | 40.61  | 41.177 | 41.64  | 41.844 | 42.201 | 42.357 | 42.478 | 42.538 |
| 42.438 | 43.063 | 43.695 | 44.254 | 44.459 | 44.893 | 45.067 | 45.201 | 45.292 |
| 44.9   | 45.425 | 46.065 | 46.496 | 46.73  | 47.038 | 47.222 | 47.281 | 47.374 |
| 44.33  | 44.832 | 45.456 | 45.889 | 46.096 | 46.373 | 46.551 | 46.58  | 46.646 |
| 42.046 | 42.725 | 43.34  | 43.978 | 44.216 | 44.735 | 44.897 | 45.103 | 45.194 |
| 40.234 | 40.813 | 41.547 | 42.056 | 42.431 | 42.834 | 43.18  | 43.357 | 43.573 |
| 41.272 | 41.83  | 42.434 | 42.936 | 43.163 | 43.554 | 43.733 | 43.859 | 43.945 |
| 43.292 | 43.906 | 44.475 | 45.049 | 45.226 | 45.672 | 45.791 | 45.923 | 45.993 |
| 43.447 | 44.018 | 44.651 | 45.132 | 45.344 | 45.689 | 45.88  | 45.964 | 46.036 |
| 43.158 | 43.778 | 44.322 | 44.897 | 45.052 | 45.523 | 45.601 | 45.753 | 45.797 |
| 42.171 | 42.744 | 43.483 | 43.965 | 44.327 | 44.695 | 44.988 | 45.1   | 45.279 |
| 42.066 | 42.709 | 43.35  | 43.924 | 44.171 | 44.607 | 44.815 | 44.972 | 45.101 |
| 42.626 | 43.268 | 43.931 | 44.496 | 44.821 | 45.253 | 45.51  | 45.677 | 45.834 |
| 42.489 | 43.1   | 43.782 | 44.256 | 44.549 | 44.895 | 45.161 | 45.261 | 45.371 |
| 42.212 | 42.79  | 43.421 | 43.893 | 44.138 | 44.508 | 44.679 | 44.785 | 44.866 |
| 41.96  | 42.558 | 43.226 | 43.746 | 44.031 | 44.45  | 44.658 | 44.81  | 44.912 |
| 42.842 | 43.319 | 43.915 | 44.285 | 44.519 | 44.781 | 44.969 | 45.001 | 45.066 |
| 42.252 | 42.818 | 43.437 | 43.921 | 44.143 | 44.516 | 44.705 | 44.824 | 44.91  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 43.786 | 44.319 | 44.882 | 45.343 | 45.522 | 45.857 | 45.977 | 46.037 | 46.071 |
| 39.216 | 39.917 | 40.6   | 41.263 | 41.573 | 42.116 | 42.369 | 42.625 | 42.777 |
| 38.622 | 39.459 | 40.455 | 41.244 | 41.858 | 42.477 | 42.957 | 43.258 | 43.546 |
| 37.332 | 38.043 | 38.765 | 39.441 | 39.814 | 40.375 | 40.661 | 40.942 | 41.107 |
| 40.605 | 41.271 | 42.069 | 42.676 | 43.113 | 43.59  | 43.943 | 44.155 | 44.349 |
| 37.961 | 38.679 | 39.452 | 40.128 | 40.547 | 41.075 | 41.407 | 41.664 | 41.87  |
| 41.691 | 42.398 | 43.212 | 43.864 | 44.308 | 44.811 | 45.188 | 45.412 | 45.615 |
| 40.602 | 41.296 | 42.136 | 42.756 | 43.217 | 43.689 | 44.082 | 44.301 | 44.557 |
| 38.994 | 39.863 | 40.872 | 41.663 | 42.23  | 42.841 | 43.268 | 43.556 | 43.792 |
| 40.902 | 41.63  | 42.44  | 43.109 | 43.526 | 44.052 | 44.363 | 44.577 | 44.753 |
| 39.955 | 40.76  | 41.669 | 42.366 | 42.857 | 43.372 | 43.764 | 43.988 | 44.203 |
| 40.179 | 41.097 | 42.13  | 43.01  | 43.634 | 44.316 | 44.844 | 45.218 | 45.545 |
| 39.992 | 40.646 | 41.452 | 42.097 | 42.524 | 43.033 | 43.381 | 43.61  | 43.842 |
| 39.783 | 40.517 | 41.4   | 42.09  | 42.622 | 43.196 | 43.666 | 43.996 | 44.315 |
| 41.581 | 42.384 | 43.371 | 44.108 | 44.694 | 45.289 | 45.803 | 46.125 | 46.426 |
| 44.17  | 44.801 | 45.567 | 46.1   | 46.476 | 46.895 | 47.224 | 47.387 | 47.572 |
| 42.719 | 43.482 | 44.303 | 45.054 | 45.495 | 46.074 | 46.473 | 46.779 | 47.019 |
| 42.057 | 42.725 | 43.437 | 44.096 | 44.416 | 44.908 | 45.147 | 45.38  | 45.539 |
| 43.843 | 44.474 | 45.232 | 45.832 | 46.213 | 46.7   | 47.021 | 47.245 | 47.458 |
| 39.489 | 40.253 | 41.199 | 41.969 | 42.62  | 43.298 | 43.916 | 44.378 | 44.869 |
| 42.925 | 43.587 | 44.365 | 45.018 | 45.396 | 45.913 | 46.227 | 46.463 | 46.685 |
| 45.327 | 46.045 | 46.892 | 47.586 | 48.039 | 48.609 | 49.008 | 49.285 | 49.574 |
| 43.782 | 44.511 | 45.429 | 46.146 | 46.692 | 47.275 | 47.762 | 48.067 | 48.391 |
| 42.768 | 43.42  | 44.17  | 44.777 | 45.182 | 45.675 | 45.985 | 46.204 | 46.406 |
| 41.777 | 42.528 | 43.375 | 44.134 | 44.65  | 45.28  | 45.727 | 46.102 | 46.447 |
| 43.981 | 44.662 | 45.57  | 46.235 | 46.756 | 47.302 | 47.775 | 48.076 | 48.415 |
| 44.189 | 44.855 | 45.646 | 46.29  | 46.708 | 47.212 | 47.568 | 47.796 | 48.029 |
| 47.434 | 48.18  | 49.027 | 49.716 | 50.178 | 50.791 | 51.221 | 51.527 | 51.848 |
| 49.928 | 50.611 | 51.452 | 52.127 | 52.552 | 53.15  | 53.534 | 53.818 | 54.084 |
| 48.905 | 49.66  | 50.442 | 51.137 | 51.561 | 52.176 | 52.554 | 52.867 | 53.159 |
| 45.486 | 46.222 | 47.037 | 47.758 | 48.251 | 48.916 | 49.351 | 49.726 | 50.071 |
| 43.935 | 44.644 | 45.557 | 46.346 | 46.99  | 47.708 | 48.318 | 48.798 | 49.283 |
| 35.608 | 36.314 | 37.108 | 37.999 | 38.598 | 39.408 | 39.969 | 40.535 | 41.019 |
| 40.916 | 41.577 | 42.487 | 43.226 | 43.918 | 44.602 | 45.265 | 45.744 | 46.271 |
| 39.208 | 39.914 | 40.84  | 41.637 | 42.333 | 43.081 | 43.774 | 44.311 | 44.879 |
| 45.151 | 45.917 | 46.89  | 47.641 | 48.307 | 49.013 | 49.682 | 50.148 | 50.68  |
| 48.888 | 49.645 | 50.537 | 51.22  | 51.781 | 52.44  | 52.974 | 53.352 | 53.753 |
| 50.665 | 51.372 | 52.279 | 52.942 | 53.493 | 54.127 | 54.674 | 55.012 | 55.413 |
| 43.009 | 43.607 | 44.33  | 44.861 | 45.209 | 45.672 | 45.987 | 46.197 | 46.405 |
| 44.431 | 45.049 | 45.78  | 46.325 | 46.7   | 47.193 | 47.525 | 47.761 | 47.959 |
| 44.156 | 44.739 | 45.471 | 45.964 | 46.309 | 46.769 | 47.059 | 47.242 | 47.434 |
| 40.821 | 41.555 | 42.458 | 43.186 | 43.774 | 44.452 | 45.013 | 45.426 | 45.837 |
| 41.468 | 42.181 | 43.132 | 43.876 | 44.559 | 45.3   | 45.947 | 46.456 | 46.99  |
| 45.813 | 46.481 | 47.334 | 47.972 | 48.518 | 49.148 | 49.696 | 50.072 | 50.486 |
| 48.252 | 48.963 | 49.827 | 50.475 | 51.031 | 51.678 | 52.204 | 52.593 | 53.019 |
| 48.158 | 49.027 | 49.989 | 50.777 | 51.419 | 52.166 | 52.8   | 53.26  | 53.754 |
| 50.93  | 51.748 | 52.705 | 53.441 | 54.049 | 54.762 | 55.315 | 55.728 | 56.146 |
| 48.847 | 49.638 | 50.551 | 51.283 | 51.851 | 52.519 | 53.057 | 53.428 | 53.813 |
| 48.307 | 49.147 | 50.091 | 50.867 | 51.438 | 52.187 | 52.707 | 53.126 | 53.526 |
| 44.617 | 45.261 | 46.117 | 46.694 | 47.21  | 47.697 | 48.156 | 48.415 | 48.711 |
| 41.751 | 42.737 | 43.854 | 44.907 | 45.755 | 46.709 | 47.517 | 48.159 | 48.819 |
| 38.457 | 39.172 | 40.067 | 40.95  | 41.726 | 42.537 | 43.201 | 43.656 | 44.247 |
| 44.556 | 45.321 | 46.234 | 47.065 | 47.77  | 48.583 | 49.248 | 49.781 | 50.338 |
| 34.694 | 35.228 | 35.909 | 36.501 | 37.002 | 37.583 | 38.126 | 38.569 | 39.048 |
| 41.055 | 41.864 | 42.837 | 43.691 | 44.412 | 45.248 | 45.985 | 46.601 | 47.245 |

VZOR: hodnoty CIE L\*, hrubá data (modře) a 5-bodový klouzavý průměr (červeně)

2 mil. let



mocnostní doména

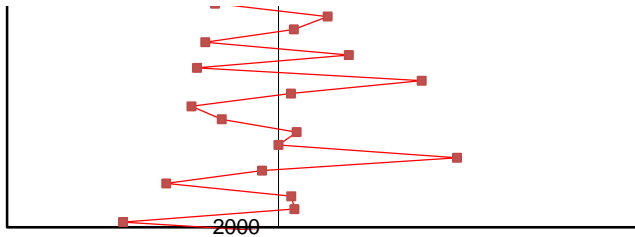
cyklů/metr  
0.295775

časová doména (?)

cyklů/tisíc let  
0.01

|  | 680    | 690    | 700    |
|--|--------|--------|--------|
|  | 33.495 | 33.512 | 33.556 |
|  | 33.641 | 33.661 | 33.788 |
|  | 30.067 | 30.053 | 30.239 |
|  | 35.411 | 35.538 | 35.905 |
|  | 38.871 | 38.591 | 38.623 |
|  | 33.129 | 32.972 | 32.955 |
|  | 36.606 | 36.4   | 36.344 |
|  | 35.856 | 35.643 | 35.744 |
|  | 33.491 | 33.399 | 33.373 |
|  | 33.604 | 33.489 | 33.53  |
|  | 31.128 | 31.021 | 31.079 |
|  | 31.682 | 31.612 | 31.69  |
|  | 41.371 | 41.328 | 41.472 |
|  | 34.878 | 34.803 | 34.953 |
|  | 34.386 | 34.384 | 34.445 |
|  | 32.37  | 32.373 | 32.566 |
|  | 38.484 | 38.501 | 38.622 |
|  | 39.494 | 39.422 | 39.553 |
|  | 33.869 | 33.88  | 33.987 |
|  | 33.451 | 33.36  | 33.366 |
|  | 36.304 | 36.379 | 36.609 |
|  | 25.97  | 26.447 | 26.756 |
|  | 28.86  | 28.909 | 29.125 |





|        |        |        |
|--------|--------|--------|
| 29.03  | 29.023 | 29.194 |
| 23.057 | 23.122 | 23.262 |
| 32.438 | 32.441 | 32.633 |
| 35.058 | 35.225 | 35.473 |
| 23.449 | 23.47  | 23.575 |
| 29.277 | 29.223 | 29.484 |
| 33.809 | 34.139 | 34.526 |
| 25.712 | 25.76  | 25.9   |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 34.708 | 35.41  | 35.803 | 36.314 | 36.642 | 37.012 | 37.149 | 37.448 |
| 25.416 | 25.645 | 25.772 | 25.976 | 26.116 | 26.253 | 26.27  | 26.425 |
| 29.534 | 29.994 | 30.307 | 30.708 | 30.988 | 31.28  | 31.399 | 31.644 |
| 25.146 | 25.789 | 26.408 | 27.055 | 27.61  | 28.089 | 28.467 | 28.826 |
| 28.099 | 28.314 | 28.388 | 28.59  | 28.689 | 28.817 | 28.786 | 28.934 |
| 33.696 | 33.708 | 33.592 | 33.572 | 33.544 | 33.482 | 33.371 | 33.283 |
| 34.717 | 34.759 | 34.624 | 34.665 | 34.63  | 34.625 | 34.453 | 34.481 |
| 37.671 | 37.801 | 37.683 | 37.8   | 37.795 | 37.867 | 37.671 | 37.797 |
| 38.371 | 38.49  | 38.388 | 38.528 | 38.529 | 38.625 | 38.445 | 38.575 |
| 32.1   | 32.246 | 32.29  | 32.405 | 32.511 | 32.541 | 32.532 | 32.578 |
| 36.089 | 36.281 | 36.307 | 36.476 | 36.6   | 36.699 | 36.663 | 36.755 |
| 29.016 | 29.13  | 29.093 | 29.201 | 29.222 | 29.289 | 29.209 | 29.284 |
| 30.22  | 30.402 | 30.418 | 30.592 | 30.658 | 30.764 | 30.712 | 30.813 |
| 25.846 | 26.279 | 26.546 | 26.978 | 27.232 | 27.578 | 27.652 | 27.991 |
| 22.976 | 23.376 | 23.724 | 24.096 | 24.433 | 24.707 | 24.942 | 25.128 |
| 24.658 | 24.946 | 25.153 | 25.408 | 25.616 | 25.781 | 25.9   | 26.018 |
| 27.424 | 27.682 | 27.765 | 28.013 | 28.127 | 28.316 | 28.26  | 28.5   |
| 26.956 | 27.16  | 27.191 | 27.396 | 27.444 | 27.59  | 27.501 | 27.693 |
| 29.476 | 29.645 | 29.659 | 29.803 | 29.859 | 29.939 | 29.873 | 29.991 |
| 33.951 | 34.082 | 34.028 | 34.152 | 34.176 | 34.238 | 34.134 | 34.215 |
| 35.191 | 35.41  | 35.414 | 35.616 | 35.701 | 35.833 | 35.762 | 35.896 |
| 31.276 | 31.548 | 31.57  | 31.847 | 31.899 | 32.134 | 31.998 | 32.267 |
| 29.816 | 30.024 | 30.109 | 30.299 | 30.421 | 30.521 | 30.526 | 30.627 |
| 31.595 | 31.811 | 31.896 | 32.081 | 32.196 | 32.319 | 32.312 | 32.394 |
| 35.453 | 35.595 | 35.538 | 35.673 | 35.696 | 35.778 | 35.649 | 35.783 |
| 37.046 | 37.26  | 37.218 | 37.41  | 37.444 | 37.588 | 37.414 | 37.58  |
| 36.626 | 36.912 | 37.036 | 37.294 | 37.456 | 37.622 | 37.612 | 37.77  |
| 37.272 | 37.546 | 37.645 | 37.909 | 38.077 | 38.246 | 38.222 | 38.396 |
| 35.531 | 35.859 | 35.937 | 36.239 | 36.351 | 36.574 | 36.488 | 36.7   |
| 32.366 | 32.602 | 32.652 | 32.851 | 32.934 | 33.048 | 33.002 | 33.101 |
| 34.066 | 34.5   | 34.752 | 35.146 | 35.408 | 35.67  | 35.726 | 35.993 |
| 29.352 | 29.653 | 29.81  | 30.074 | 30.255 | 30.44  | 30.471 | 30.644 |
| 24.383 | 24.79  | 25.043 | 25.437 | 25.662 | 25.966 | 26.061 | 26.307 |
| 20.691 | 20.935 | 21.13  | 21.333 | 21.499 | 21.637 | 21.718 | 21.708 |
| 30.467 | 30.646 | 30.678 | 30.835 | 30.9   | 30.994 | 30.951 | 31.036 |
| 35.67  | 35.878 | 35.948 | 36.14  | 36.275 | 36.397 | 36.369 | 36.474 |
| 30.658 | 30.731 | 30.626 | 30.674 | 30.649 | 30.641 | 30.519 | 30.556 |
| 36.8   | 36.844 | 36.703 | 36.747 | 36.71  | 36.711 | 36.541 | 36.549 |
| 37.838 | 37.923 | 37.778 | 37.867 | 37.83  | 37.887 | 37.671 | 37.78  |
| 40.089 | 40.129 | 39.956 | 40.008 | 39.954 | 39.963 | 39.722 | 39.777 |
| 32.614 | 32.645 | 32.523 | 32.557 | 32.506 | 32.527 | 32.377 | 32.416 |
| 39.581 | 39.588 | 39.367 | 39.409 | 39.308 | 39.315 | 39.07  | 39.111 |
| 41.652 | 41.666 | 41.481 | 41.516 | 41.463 | 41.471 | 41.245 | 41.303 |
| 43.213 | 43.275 | 43.171 | 43.259 | 43.287 | 43.351 | 43.179 | 43.26  |
| 38.248 | 38.342 | 38.258 | 38.353 | 38.379 | 38.427 | 38.314 | 38.366 |
| 38.287 | 38.359 | 38.211 | 38.295 | 38.249 | 38.29  | 38.091 | 38.18  |
| 38.789 | 38.904 | 38.815 | 38.934 | 38.946 | 39.012 | 38.848 | 38.926 |
| 34.185 | 34.327 | 34.255 | 34.402 | 34.388 | 34.476 | 34.338 | 34.451 |
| 38.159 | 38.404 | 38.452 | 38.694 | 38.813 | 39.006 | 38.948 | 39.092 |
| 31.251 | 31.426 | 31.478 | 31.656 | 31.75  | 31.863 | 31.861 | 31.975 |

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|--------|--------|--------|--------|--------|--------|--------|--------|
| 35.781 | 36.053 | 36.121 | 36.371 | 36.515 | 36.697 | 36.708 | 36.87  |
| 36.563 | 36.876 | 36.989 | 37.287 | 37.47  | 37.694 | 37.729 | 37.924 |
| 40.709 | 40.975 | 41.067 | 41.328 | 41.538 | 41.708 | 41.719 | 41.883 |
| 20.033 | 20.161 | 20.202 | 20.308 | 20.348 | 20.433 | 20.423 | 20.405 |
| 36.542 | 36.845 | 36.904 | 37.209 | 37.348 | 37.608 | 37.579 | 37.801 |
| 32.578 | 32.875 | 33.018 | 33.282 | 33.468 | 33.642 | 33.69  | 33.822 |
| 29.649 | 29.899 | 30.008 | 30.237 | 30.365 | 30.523 | 30.512 | 30.665 |
| 20.724 | 20.913 | 21.05  | 21.197 | 21.31  | 21.402 | 21.437 | 21.401 |
| 20.084 | 20.489 | 20.803 | 21.178 | 21.447 | 21.727 | 21.887 | 22.082 |
| 26.632 | 26.835 | 26.88  | 27.066 | 27.117 | 27.263 | 27.177 | 27.34  |
| 27.076 | 27.299 | 27.461 | 27.655 | 27.819 | 27.921 | 27.972 | 28.069 |
| 36.329 | 36.485 | 36.412 | 36.563 | 36.57  | 36.68  | 36.514 | 36.65  |
| 37.213 | 37.337 | 37.259 | 37.382 | 37.399 | 37.479 | 37.338 | 37.43  |
| 38.413 | 38.53  | 38.411 | 38.537 | 38.542 | 38.61  | 38.439 | 38.544 |
| 37.591 | 37.745 | 37.658 | 37.817 | 37.851 | 37.974 | 37.825 | 37.976 |
| 37.346 | 37.471 | 37.371 | 37.52  | 37.548 | 37.652 | 37.509 | 37.664 |
| 36.539 | 36.626 | 36.493 | 36.581 | 36.562 | 36.618 | 36.463 | 36.533 |
| 37.265 | 37.339 | 37.232 | 37.309 | 37.32  | 37.365 | 37.209 | 37.297 |
| 35.227 | 35.286 | 35.137 | 35.204 | 35.165 | 35.209 | 35.007 | 35.116 |
| 35.109 | 35.181 | 35.041 | 35.132 | 35.087 | 35.14  | 34.949 | 35.049 |
| 33.406 | 33.474 | 33.321 | 33.389 | 33.308 | 33.349 | 33.17  | 33.239 |
| 36.619 | 36.679 | 36.48  | 36.55  | 36.448 | 36.482 | 36.203 | 36.313 |
| 35.316 | 35.409 | 35.204 | 35.307 | 35.212 | 35.278 | 35.002 | 35.129 |
| 41.074 | 41.2   | 41.051 | 41.189 | 41.182 | 41.287 | 41.074 | 41.238 |
| 35.625 | 35.705 | 35.568 | 35.636 | 35.612 | 35.657 | 35.467 | 35.549 |
| 34.287 | 34.406 | 34.297 | 34.414 | 34.392 | 34.487 | 34.327 | 34.431 |
| 34.767 | 34.86  | 34.749 | 34.839 | 34.819 | 34.88  | 34.697 | 34.804 |
| 40.483 | 40.569 | 40.466 | 40.552 | 40.588 | 40.617 | 40.488 | 40.55  |
| 39.485 | 39.676 | 39.629 | 39.841 | 39.892 | 40.023 | 39.855 | 40.036 |
| 39.778 | 40.015 | 40.066 | 40.285 | 40.43  | 40.58  | 40.536 | 40.675 |
| 35.675 | 35.794 | 35.699 | 35.803 | 35.812 | 35.905 | 35.784 | 35.9   |
| 32.799 | 32.864 | 32.699 | 32.759 | 32.682 | 32.722 | 32.517 | 32.608 |
| 34.559 | 34.663 | 34.577 | 34.659 | 34.672 | 34.726 | 34.611 | 34.695 |
| 36.485 | 36.638 | 36.649 | 36.768 | 36.874 | 36.921 | 36.868 | 36.9   |
| 33.347 | 33.693 | 33.926 | 34.252 | 34.529 | 34.753 | 34.877 | 35.069 |
| 26.403 | 26.67  | 26.757 | 27.02  | 27.12  | 27.33  | 27.285 | 27.524 |
| 38.438 | 38.731 | 38.768 | 39.054 | 39.185 | 39.415 | 39.324 | 39.565 |
| 39.215 | 39.504 | 39.568 | 39.854 | 40.003 | 40.225 | 40.174 | 40.378 |
| 38.086 | 38.258 | 38.295 | 38.458 | 38.574 | 38.671 | 38.613 | 38.683 |
| 37.272 | 37.503 | 37.53  | 37.763 | 37.869 | 38.049 | 37.965 | 38.15  |
| 38.163 | 38.255 | 38.133 | 38.222 | 38.207 | 38.257 | 38.054 | 38.107 |
| 41.747 | 41.897 | 41.836 | 41.99  | 42.053 | 42.153 | 42.007 | 42.133 |
| 35.013 | 35.209 | 35.136 | 35.336 | 35.342 | 35.504 | 35.341 | 35.507 |
| 38.293 | 38.509 | 38.584 | 38.789 | 38.945 | 39.076 | 39.066 | 39.164 |
| 34.936 | 35.171 | 35.215 | 35.441 | 35.547 | 35.686 | 35.631 | 35.783 |
| 34.74  | 35.067 | 35.258 | 35.566 | 35.778 | 35.987 | 36.025 | 36.247 |
| 31.285 | 31.678 | 31.875 | 32.256 | 32.465 | 32.751 | 32.772 | 33.079 |
| 37.685 | 37.887 | 37.908 | 38.099 | 38.207 | 38.342 | 38.289 | 38.421 |
| 32.25  | 32.567 | 32.663 | 32.953 | 33.103 | 33.308 | 33.294 | 33.503 |
| 35.024 | 35.208 | 35.206 | 35.396 | 35.453 | 35.568 | 35.493 | 35.614 |
| 34.275 | 34.582 | 34.539 | 34.869 | 34.873 | 35.14  | 34.921 | 35.265 |
| 34.362 | 34.729 | 34.861 | 35.215 | 35.385 | 35.655 | 35.641 | 35.89  |
| 23.304 | 23.52  | 23.55  | 23.749 | 23.776 | 23.962 | 23.868 | 24.046 |
| 34.299 | 34.502 | 34.546 | 34.702 | 34.811 | 34.893 | 34.875 | 34.957 |
| 35.33  | 35.512 | 35.505 | 35.666 | 35.722 | 35.801 | 35.706 | 35.83  |
| 34.962 | 35.259 | 35.314 | 35.578 | 35.691 | 35.868 | 35.812 | 35.994 |
| 32.649 | 32.812 | 32.806 | 32.95  | 32.987 | 33.056 | 32.993 | 33.061 |
| 39.846 | 39.963 | 39.839 | 39.969 | 39.952 | 40.01  | 39.795 | 39.92  |

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|--------|--------|--------|--------|--------|--------|--------|--------|
| 37.012 | 37.04  | 36.893 | 36.93  | 36.87  | 36.861 | 36.655 | 36.695 |
| 38.629 | 38.748 | 38.656 | 38.779 | 38.791 | 38.848 | 38.709 | 38.782 |
| 39.073 | 39.205 | 39.083 | 39.212 | 39.172 | 39.259 | 39.036 | 39.139 |
| 38.498 | 38.634 | 38.527 | 38.663 | 38.663 | 38.736 | 38.544 | 38.624 |
| 36.673 | 36.897 | 36.889 | 37.112 | 37.174 | 37.323 | 37.223 | 37.395 |
| 40.08  | 40.332 | 40.329 | 40.61  | 40.683 | 40.884 | 40.75  | 40.97  |
| 31.585 | 31.73  | 31.696 | 31.838 | 31.827 | 31.918 | 31.808 | 31.883 |
| 35.562 | 35.769 | 35.774 | 35.948 | 36.014 | 36.103 | 36.018 | 36.09  |
| 34.605 | 34.889 | 35.039 | 35.253 | 35.446 | 35.556 | 35.627 | 35.708 |
| 33.789 | 34.147 | 34.256 | 34.599 | 34.732 | 34.978 | 34.927 | 35.188 |
| 27.381 | 27.578 | 27.65  | 27.818 | 27.918 | 28.021 | 27.99  | 28.108 |
| 29.314 | 29.762 | 30.017 | 30.483 | 30.715 | 31.084 | 31.109 | 31.498 |
| 38.874 | 39.221 | 39.36  | 39.71  | 39.914 | 40.167 | 40.182 | 40.394 |
| 32.867 | 33.587 | 34.167 | 34.902 | 35.468 | 36.022 | 36.343 | 36.857 |
| 40.398 | 40.908 | 41.219 | 41.731 | 42.123 | 42.508 | 42.672 | 43.039 |
| 40.705 | 41.191 | 41.316 | 41.815 | 42.047 | 42.479 | 42.421 | 42.849 |
| 38.504 | 38.986 | 39.175 | 39.674 | 39.957 | 40.4   | 40.43  | 40.844 |
| 33.175 | 33.708 | 34.095 | 34.616 | 35.019 | 35.401 | 35.623 | 35.921 |
| 33.102 | 33.577 | 33.964 | 34.436 | 34.849 | 35.216 | 35.48  | 35.757 |
| 27.821 | 28.545 | 29.175 | 29.938 | 30.524 | 31.116 | 31.487 | 31.982 |
| 31.604 | 32.028 | 32.263 | 32.687 | 32.926 | 33.26  | 33.326 | 33.634 |
| 37.726 | 38.074 | 38.202 | 38.551 | 38.735 | 38.98  | 38.978 | 39.207 |
| 30.823 | 31.21  | 31.413 | 31.809 | 32.036 | 32.33  | 32.395 | 32.666 |
| 35.873 | 36.277 | 36.516 | 36.89  | 37.147 | 37.408 | 37.499 | 37.714 |
| 37.786 | 38.097 | 38.183 | 38.479 | 38.649 | 38.841 | 38.806 | 38.991 |
| 32.694 | 33.324 | 33.805 | 34.428 | 34.903 | 35.372 | 35.649 | 36.049 |
| 32.704 | 33.503 | 34.134 | 34.913 | 35.48  | 36.079 | 36.4   | 36.924 |
| 37.267 | 37.998 | 38.649 | 39.377 | 40.017 | 40.541 | 40.954 | 41.38  |
| 36.037 | 36.624 | 37.002 | 37.584 | 37.977 | 38.43  | 38.608 | 38.958 |
| 38.697 | 39.225 | 39.508 | 40.033 | 40.39  | 40.807 | 40.955 | 41.31  |
| 42.751 | 43.215 | 43.538 | 43.997 | 44.423 | 44.746 | 44.943 | 45.19  |
| 38.042 | 38.837 | 39.509 | 40.36  | 40.993 | 41.618 | 41.967 | 42.488 |
| 34.694 | 35.222 | 35.443 | 35.98  | 36.245 | 36.679 | 36.728 | 37.107 |
| 35.153 | 35.82  | 36.363 | 37.026 | 37.543 | 38.03  | 38.315 | 38.715 |
| 38.804 | 39.108 | 39.174 | 39.459 | 39.582 | 39.797 | 39.702 | 39.884 |
| 40.44  | 41.055 | 41.446 | 42.081 | 42.516 | 42.985 | 43.139 | 43.538 |
| 36.481 | 36.774 | 36.968 | 37.224 | 37.47  | 37.604 | 37.72  | 37.795 |
| 37.393 | 37.877 | 38.124 | 38.61  | 38.894 | 39.267 | 39.357 | 39.67  |
| 39.295 | 39.762 | 40.047 | 40.501 | 40.838 | 41.16  | 41.264 | 41.531 |
| 37.162 | 37.685 | 37.951 | 38.462 | 38.762 | 39.145 | 39.221 | 39.605 |
| 36.149 | 36.512 | 36.668 | 36.993 | 37.205 | 37.42  | 37.457 | 37.656 |
| 36.89  | 37.037 | 36.932 | 37.079 | 37.069 | 37.159 | 36.988 | 37.115 |
| 42.14  | 42.333 | 42.252 | 42.448 | 42.503 | 42.627 | 42.443 | 42.623 |
| 39.63  | 39.805 | 39.689 | 39.865 | 39.873 | 39.985 | 39.766 | 39.934 |
| 40.265 | 40.371 | 40.227 | 40.341 | 40.299 | 40.357 | 40.134 | 40.222 |
| 43.672 | 43.772 | 43.624 | 43.747 | 43.724 | 43.762 | 43.548 | 43.641 |
| 42.36  | 42.494 | 42.384 | 42.505 | 42.509 | 42.568 | 42.383 | 42.464 |
| 44.266 | 44.45  | 44.373 | 44.558 | 44.621 | 44.74  | 44.553 | 44.708 |
| 40.886 | 41.011 | 40.908 | 41.031 | 41.053 | 41.12  | 40.953 | 41.045 |
| 40.616 | 40.83  | 40.743 | 40.976 | 40.985 | 41.183 | 40.971 | 41.174 |
| 38.587 | 39.025 | 39.269 | 39.69  | 39.988 | 40.292 | 40.407 | 40.634 |
| 43.974 | 44.253 | 44.28  | 44.558 | 44.71  | 44.897 | 44.836 | 44.981 |
| 39.413 | 39.918 | 40.19  | 40.699 | 41.007 | 41.386 | 41.452 | 41.77  |
| 41.645 | 42.005 | 42.149 | 42.511 | 42.739 | 42.996 | 43.007 | 43.196 |
| 34.067 | 34.866 | 35.591 | 36.418 | 37.113 | 37.727 | 38.181 | 38.687 |
| 38.597 | 39.008 | 39.256 | 39.652 | 39.978 | 40.252 | 40.39  | 40.587 |
| 42.82  | 43.208 | 43.4   | 43.773 | 44.083 | 44.354 | 44.448 | 44.648 |
| 46.914 | 47.346 | 47.468 | 47.94  | 48.179 | 48.554 | 48.517 | 48.882 |

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|--------|--------|--------|--------|--------|--------|--------|--------|
| 40.842 | 41.269 | 41.438 | 41.858 | 42.127 | 42.441 | 42.465 | 42.736 |
| 32.92  | 33.612 | 34.246 | 34.96  | 35.558 | 36.049 | 36.412 | 36.855 |
| 39.141 | 39.497 | 39.674 | 40.026 | 40.282 | 40.544 | 40.593 | 40.805 |
| 35.293 | 35.835 | 36.231 | 36.764 | 37.182 | 37.56  | 37.784 | 38.089 |
| 39.846 | 40.698 | 41.39  | 42.272 | 42.946 | 43.61  | 43.994 | 44.543 |
| 38.931 | 39.573 | 40.051 | 40.688 | 41.211 | 41.68  | 41.971 | 42.355 |
| 41.828 | 42.34  | 42.617 | 43.142 | 43.503 | 43.927 | 44.045 | 44.384 |
| 34.79  | 35.055 | 35.15  | 35.381 | 35.567 | 35.702 | 35.745 | 35.856 |
| 32.394 | 32.734 | 32.961 | 33.286 | 33.524 | 33.731 | 33.814 | 33.971 |
| 35.591 | 35.768 | 35.777 | 35.946 | 36.038 | 36.124 | 36.048 | 36.144 |
| 37.601 | 38.027 | 38.255 | 38.678 | 38.95  | 39.237 | 39.308 | 39.586 |
| 39.268 | 39.598 | 39.689 | 40.01  | 40.182 | 40.423 | 40.358 | 40.593 |
| 35.367 | 35.963 | 36.379 | 36.984 | 37.388 | 37.846 | 38.03  | 38.412 |
| 33.85  | 34.362 | 34.762 | 35.271 | 35.669 | 36.01  | 36.199 | 36.485 |
| 36.835 | 37.162 | 37.286 | 37.618 | 37.783 | 38.031 | 38.006 | 38.211 |
| 36.354 | 36.961 | 37.401 | 38.028 | 38.477 | 38.965 | 39.174 | 39.584 |
| 37.384 | 37.786 | 38.01  | 38.43  | 38.701 | 38.996 | 39.079 | 39.291 |
| 39.28  | 39.706 | 39.992 | 40.427 | 40.77  | 41.077 | 41.199 | 41.454 |
| 43.871 | 44.213 | 44.353 | 44.713 | 44.969 | 45.247 | 45.242 | 45.453 |
| 37.154 | 37.542 | 37.738 | 38.138 | 38.376 | 38.656 | 38.691 | 38.966 |
| 35.087 | 35.366 | 35.446 | 35.74  | 35.886 | 36.106 | 36.101 | 36.277 |
| 39.879 | 40.132 | 40.189 | 40.439 | 40.607 | 40.768 | 40.764 | 40.9   |
| 40.383 | 40.696 | 40.893 | 41.205 | 41.487 | 41.69  | 41.812 | 41.962 |
| 38.461 | 38.726 | 38.752 | 39.045 | 39.153 | 39.38  | 39.286 | 39.504 |
| 37.531 | 38.105 | 38.444 | 39.039 | 39.398 | 39.859 | 40.012 | 40.401 |
| 36.27  | 37.045 | 37.623 | 38.323 | 38.836 | 39.34  | 39.617 | 40.022 |
| 43.481 | 43.933 | 44.195 | 44.682 | 45.026 | 45.391 | 45.49  | 45.786 |
| 33.478 | 33.892 | 34.111 | 34.52  | 34.755 | 35.057 | 35.114 | 35.369 |
| 34.932 | 35.408 | 35.667 | 36.126 | 36.393 | 36.749 | 36.819 | 37.157 |
| 34.496 | 34.984 | 35.267 | 35.736 | 36.047 | 36.367 | 36.46  | 36.782 |
| 34.205 | 34.431 | 34.471 | 34.692 | 34.797 | 34.936 | 34.9   | 35.033 |
| 35.262 | 35.932 | 36.466 | 37.15  | 37.658 | 38.159 | 38.433 | 38.859 |
| 29.477 | 29.927 | 30.165 | 30.622 | 30.846 | 31.202 | 31.224 | 31.531 |
| 34.361 | 35.214 | 35.946 | 36.829 | 37.519 | 38.196 | 38.626 | 39.195 |
| 24.082 | 24.732 | 25.274 | 25.994 | 26.475 | 27.033 | 27.303 | 27.775 |
| 34.88  | 35.839 | 36.672 | 37.768 | 38.554 | 39.4   | 39.887 | 40.596 |
| 39.694 | 40.116 | 40.325 | 40.752 | 41.048 | 41.396 | 41.476 | 41.748 |
| 41.114 | 41.61  | 41.94  | 42.457 | 42.895 | 43.332 | 43.589 | 43.947 |
| 39.311 | 39.742 | 39.999 | 40.456 | 40.772 | 41.099 | 41.186 | 41.475 |
| 32.027 | 32.454 | 32.694 | 33.131 | 33.387 | 33.718 | 33.789 | 34.086 |
| 40.217 | 40.641 | 40.836 | 41.281 | 41.58  | 41.969 | 42.063 | 42.39  |
| 36.151 | 36.482 | 36.543 | 36.87  | 36.995 | 37.239 | 37.159 | 37.41  |
| 35.404 | 35.82  | 36.05  | 36.441 | 36.688 | 36.954 | 37.058 | 37.277 |
| 36.6   | 37.017 | 37.212 | 37.619 | 37.857 | 38.145 | 38.197 | 38.482 |
| 31.012 | 31.415 | 31.656 | 32.049 | 32.293 | 32.576 | 32.652 | 32.914 |
| 32.186 | 32.541 | 32.746 | 33.07  | 33.289 | 33.503 | 33.552 | 33.743 |
| 33.327 | 33.803 | 34.167 | 34.62  | 34.976 | 35.279 | 35.456 | 35.682 |
| 29.067 | 29.432 | 29.651 | 30.018 | 30.239 | 30.504 | 30.558 | 30.826 |
| 35.809 | 36.304 | 36.662 | 37.146 | 37.518 | 37.856 | 38.065 | 38.326 |
| 32.029 | 32.545 | 32.91  | 33.425 | 33.777 | 34.136 | 34.278 | 34.634 |
| 27.543 | 27.864 | 28.075 | 28.362 | 28.566 | 28.762 | 28.837 | 29.031 |
| 26.75  | 27.345 | 27.855 | 28.465 | 28.92  | 29.394 | 29.673 | 30.065 |
| 36.772 | 37.309 | 37.606 | 38.122 | 38.433 | 38.79  | 38.889 | 39.21  |
| 26.896 | 27.379 | 27.784 | 28.231 | 28.586 | 28.883 | 29.082 | 29.312 |
| 34.803 | 35.269 | 35.565 | 36.023 | 36.303 | 36.599 | 36.7   | 36.967 |
| 33.505 | 34.079 | 34.515 | 35.112 | 35.53  | 35.965 | 36.169 | 36.53  |
| 28.759 | 29.512 | 30.219 | 31.02  | 31.665 | 32.247 | 32.666 | 33.156 |
| 28.31  | 29.027 | 29.681 | 30.424 | 31.015 | 31.531 | 31.912 | 32.342 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 34.913 | 35.628 | 36.22  | 36.981 | 37.543 | 38.076 | 38.374 | 38.822 |
| 38.49  | 38.768 | 38.721 | 39.015 | 39.062 | 39.317 | 39.152 | 39.405 |
| 37.768 | 38.111 | 38.208 | 38.556 | 38.709 | 38.947 | 38.854 | 39.077 |
| 41.954 | 42.163 | 42.06  | 42.274 | 42.298 | 42.445 | 42.276 | 42.421 |
| 45.208 | 45.331 | 45.187 | 45.327 | 45.309 | 45.365 | 45.114 | 45.218 |
| 32.344 | 32.522 | 32.471 | 32.631 | 32.635 | 32.743 | 32.609 | 32.733 |
| 42.554 | 42.691 | 42.587 | 42.724 | 42.742 | 42.805 | 42.624 | 42.72  |
| 43.027 | 43.071 | 42.92  | 42.988 | 42.973 | 42.962 | 42.755 | 42.793 |
| 46.147 | 46.163 | 45.945 | 45.999 | 45.94  | 45.921 | 45.667 | 45.704 |
| 48.791 | 48.8   | 48.554 | 48.568 | 48.487 | 48.457 | 48.131 | 48.184 |
| 50.661 | 50.829 | 50.69  | 50.892 | 50.961 | 51.108 | 50.924 | 51.089 |
| 50.437 | 50.631 | 50.48  | 50.719 | 50.74  | 50.915 | 50.653 | 50.905 |
| 46.153 | 46.218 | 46.001 | 46.084 | 46.021 | 46.032 | 45.759 | 45.858 |
| 45.279 | 45.353 | 45.109 | 45.19  | 45.107 | 45.152 | 44.878 | 44.963 |
| 48.561 | 48.59  | 48.405 | 48.459 | 48.437 | 48.419 | 48.192 | 48.212 |
| 42.308 | 42.389 | 42.22  | 42.292 | 42.273 | 42.293 | 42.072 | 42.136 |
| 45.289 | 45.317 | 45.136 | 45.199 | 45.149 | 45.154 | 44.922 | 44.954 |
| 48.42  | 48.378 | 48.075 | 48.083 | 47.969 | 47.888 | 47.581 | 47.58  |
| 46.699 | 46.65  | 46.404 | 46.361 | 46.292 | 46.178 | 45.919 | 45.869 |
| 51.048 | 51.101 | 50.931 | 51.036 | 51.055 | 51.076 | 50.847 | 50.932 |
| 48.746 | 48.935 | 48.876 | 49.094 | 49.202 | 49.33  | 49.2   | 49.347 |
| 48.141 | 48.399 | 48.418 | 48.694 | 48.886 | 49.075 | 49.026 | 49.195 |
| 42.692 | 42.944 | 43.002 | 43.268 | 43.451 | 43.637 | 43.576 | 43.739 |
| 41.811 | 42.048 | 42.073 | 42.337 | 42.461 | 42.64  | 42.593 | 42.743 |
| 41.1   | 41.416 | 41.507 | 41.836 | 42.03  | 42.263 | 42.227 | 42.458 |
| 34.28  | 34.694 | 34.938 | 35.36  | 35.637 | 35.939 | 36.039 | 36.33  |
| 40.563 | 40.942 | 41.126 | 41.5   | 41.738 | 42.023 | 42.066 | 42.292 |
| 41.333 | 41.636 | 41.691 | 42.006 | 42.172 | 42.386 | 42.324 | 42.542 |
| 40.237 | 40.47  | 40.505 | 40.731 | 40.844 | 40.975 | 40.904 | 41.022 |
| 38.413 | 38.597 | 38.615 | 38.779 | 38.893 | 38.993 | 38.941 | 38.989 |
| 34.117 | 34.4   | 34.439 | 34.726 | 34.801 | 35.022 | 34.924 | 35.153 |
| 45.054 | 45.193 | 45.101 | 45.282 | 45.327 | 45.425 | 45.262 | 45.351 |
| 39.153 | 39.388 | 39.438 | 39.668 | 39.819 | 39.938 | 39.9   | 40.007 |
| 36.496 | 36.638 | 36.6   | 36.75  | 36.792 | 36.889 | 36.779 | 36.84  |
| 40.037 | 40.335 | 40.45  | 40.747 | 40.934 | 41.1   | 41.099 | 41.242 |
| 33.468 | 33.721 | 33.87  | 34.119 | 34.321 | 34.469 | 34.529 | 34.631 |
| 40.062 | 40.423 | 40.635 | 40.982 | 41.259 | 41.511 | 41.574 | 41.762 |
| 37.06  | 37.726 | 38.346 | 39.082 | 39.669 | 40.166 | 40.502 | 40.862 |
| 36.339 | 36.704 | 36.863 | 37.227 | 37.421 | 37.673 | 37.699 | 37.921 |
| 32.154 | 32.464 | 32.739 | 33.021 | 33.314 | 33.463 | 33.635 | 33.734 |
| 34.509 | 34.935 | 35.162 | 35.596 | 35.848 | 36.131 | 36.201 | 36.459 |
| 35.106 | 35.558 | 35.894 | 36.356 | 36.674 | 36.966 | 37.129 | 37.311 |
| 27.42  | 27.96  | 28.262 | 28.855 | 29.126 | 29.584 | 29.613 | 30.042 |
| 41.263 | 41.861 | 42.25  | 42.923 | 43.342 | 43.843 | 43.96  | 44.387 |
| 40.579 | 40.881 | 40.97  | 41.301 | 41.496 | 41.727 | 41.723 | 41.923 |
| 34.073 | 34.286 | 34.323 | 34.555 | 34.668 | 34.846 | 34.823 | 34.949 |
| 30.088 | 30.651 | 31.096 | 31.693 | 32.097 | 32.514 | 32.692 | 33.059 |
| 34.579 | 34.94  | 35.206 | 35.578 | 35.905 | 36.119 | 36.296 | 36.449 |
| 30.723 | 31.06  | 31.215 | 31.568 | 31.73  | 31.984 | 31.968 | 32.209 |
| 26.078 | 26.406 | 26.657 | 26.955 | 27.19  | 27.365 | 27.454 | 27.577 |
| 38.469 | 38.829 | 39.064 | 39.39  | 39.669 | 39.865 | 39.953 | 40.086 |
| 35.872 | 36.249 | 36.459 | 36.8   | 37.032 | 37.252 | 37.359 | 37.491 |
| 40.445 | 40.818 | 40.996 | 41.365 | 41.592 | 41.872 | 41.889 | 42.112 |
| 33.949 | 34.567 | 35.106 | 35.753 | 36.257 | 36.692 | 36.972 | 37.321 |
| 41.963 | 42.221 | 42.276 | 42.51  | 42.685 | 42.816 | 42.767 | 42.907 |
| 38.601 | 39.107 | 39.434 | 39.963 | 40.295 | 40.668 | 40.764 | 41.083 |
| 39.733 | 40.307 | 40.616 | 41.205 | 41.525 | 41.984 | 42.056 | 42.45  |
| 37.673 | 37.958 | 38.114 | 38.364 | 38.614 | 38.779 | 38.875 | 38.969 |

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|--------|--------|--------|--------|--------|--------|--------|--------|
| 28.93  | 29.555 | 30.109 | 30.802 | 31.315 | 31.806 | 32.097 | 32.474 |
| 46.12  | 46.37  | 46.422 | 46.706 | 46.894 | 47.097 | 47.056 | 47.24  |
| 36.23  | 36.541 | 36.633 | 36.977 | 37.126 | 37.399 | 37.36  | 37.633 |
| 22.998 | 23.559 | 24.046 | 24.694 | 25.104 | 25.563 | 25.782 | 26.123 |
| 30.874 | 31.56  | 32.108 | 32.892 | 33.384 | 33.952 | 34.205 | 34.689 |
| 34.757 | 35.474 | 36.106 | 36.893 | 37.502 | 38.068 | 38.441 | 38.892 |
| 39.88  | 40.321 | 40.654 | 41.114 | 41.492 | 41.78  | 41.953 | 42.158 |
| 24.058 | 24.755 | 25.38  | 26.203 | 26.738 | 27.333 | 27.607 | 28.074 |
| 38.73  | 39.23  | 39.544 | 40.091 | 40.428 | 40.844 | 40.934 | 41.291 |
| 26.651 | 27.448 | 28.12  | 29.059 | 29.643 | 30.314 | 30.597 | 31.163 |
| 40.467 | 40.786 | 40.891 | 41.212 | 41.408 | 41.628 | 41.621 | 41.793 |
| 37.663 | 37.893 | 37.944 | 38.174 | 38.32  | 38.46  | 38.407 | 38.551 |
| 32.315 | 32.669 | 32.852 | 33.237 | 33.416 | 33.693 | 33.706 | 33.93  |
| 27.72  | 28.393 | 28.954 | 29.712 | 30.201 | 30.759 | 31.015 | 31.507 |
| 39.382 | 39.822 | 40.125 | 40.589 | 40.934 | 41.255 | 41.388 | 41.638 |
| 36.262 | 36.937 | 37.45  | 38.194 | 38.696 | 39.228 | 39.454 | 39.884 |
| 33.87  | 34.554 | 35.148 | 35.91  | 36.463 | 36.992 | 37.292 | 37.743 |
| 40.358 | 40.619 | 40.68  | 40.966 | 41.126 | 41.326 | 41.277 | 41.444 |
| 40.573 | 41.194 | 41.682 | 42.335 | 42.851 | 43.292 | 43.512 | 43.849 |
| 38.778 | 38.947 | 38.986 | 39.135 | 39.27  | 39.33  | 39.311 | 39.34  |
| 32.17  | 32.561 | 32.738 | 33.169 | 33.338 | 33.623 | 33.572 | 33.869 |
| 39.56  | 40.03  | 40.41  | 40.873 | 41.288 | 41.597 | 41.824 | 42.008 |
| 45.849 | 45.918 | 45.771 | 45.879 | 45.879 | 45.925 | 45.707 | 45.8   |
| 48.392 | 48.469 | 48.274 | 48.377 | 48.347 | 48.365 | 48.097 | 48.184 |
| 46.923 | 47.043 | 46.931 | 47.076 | 47.114 | 47.164 | 46.991 | 47.075 |
| 42.976 | 43.065 | 42.947 | 43.032 | 43.063 | 43.088 | 42.925 | 42.961 |
| 43.014 | 43.132 | 43.05  | 43.172 | 43.2   | 43.257 | 43.086 | 43.174 |
| 43.188 | 43.308 | 43.241 | 43.338 | 43.415 | 43.425 | 43.298 | 43.323 |
| 47.381 | 47.47  | 47.301 | 47.431 | 47.421 | 47.469 | 47.229 | 47.341 |
| 47.645 | 47.708 | 47.521 | 47.607 | 47.567 | 47.567 | 47.323 | 47.363 |
| 46.159 | 46.266 | 46.142 | 46.277 | 46.303 | 46.354 | 46.187 | 46.263 |
| 47.007 | 47.093 | 46.931 | 47.045 | 47.034 | 47.06  | 46.854 | 46.918 |
| 24.94  | 24.966 | 24.818 | 24.845 | 24.736 | 24.752 | 24.566 | 24.633 |
| 42.949 | 43.293 | 43.367 | 43.682 | 43.836 | 44.003 | 43.915 | 44.139 |
| 50.085 | 50.213 | 50.074 | 50.247 | 50.262 | 50.34  | 50.127 | 50.241 |
| 46.705 | 46.814 | 46.739 | 46.86  | 46.919 | 46.944 | 46.809 | 46.773 |
| 44.463 | 44.631 | 44.565 | 44.723 | 44.761 | 44.811 | 44.651 | 44.713 |
| 47.799 | 47.916 | 47.811 | 47.967 | 48.022 | 48.06  | 47.877 | 47.923 |
| 43.431 | 43.55  | 43.488 | 43.61  | 43.669 | 43.676 | 43.519 | 43.545 |
| 50.911 | 51.15  | 51.094 | 51.338 | 51.418 | 51.556 | 51.395 | 51.537 |
| 46.026 | 46.14  | 46.041 | 46.18  | 46.221 | 46.28  | 46.113 | 46.169 |
| 45.652 | 45.766 | 45.734 | 45.842 | 45.935 | 45.902 | 45.765 | 45.779 |
| 46.914 | 47.055 | 46.978 | 47.132 | 47.174 | 47.229 | 47.052 | 47.099 |
| 47.233 | 47.399 | 47.311 | 47.524 | 47.565 | 47.652 | 47.448 | 47.582 |
| 47.322 | 47.479 | 47.399 | 47.585 | 47.63  | 47.712 | 47.536 | 47.619 |
| 51.34  | 51.579 | 51.606 | 51.863 | 52.042 | 52.174 | 52.086 | 52.199 |
| 46.783 | 47.108 | 47.193 | 47.522 | 47.738 | 47.945 | 47.902 | 48.058 |
| 42.2   | 42.98  | 43.644 | 44.531 | 45.191 | 45.783 | 46.06  | 46.533 |
| 41.502 | 42.015 | 42.185 | 42.738 | 42.966 | 43.38  | 43.295 | 43.669 |
| 45.718 | 46.128 | 46.299 | 46.731 | 46.985 | 47.28  | 47.258 | 47.489 |
| 38.429 | 39.37  | 40.365 | 41.51  | 42.43  | 43.19  | 43.758 | 44.303 |
| 42.587 | 42.983 | 43.227 | 43.652 | 43.975 | 44.247 | 44.33  | 44.539 |
| 44.804 | 45.061 | 45.059 | 45.323 | 45.448 | 45.623 | 45.487 | 45.662 |
| 39.673 | 40.135 | 40.451 | 40.92  | 41.265 | 41.565 | 41.669 | 41.86  |
| 49.523 | 49.675 | 49.568 | 49.724 | 49.779 | 49.809 | 49.617 | 49.7   |
| 37.701 | 38.096 | 38.25  | 38.659 | 38.848 | 39.125 | 39.116 | 39.36  |
| 46.668 | 46.915 | 46.916 | 47.177 | 47.305 | 47.425 | 47.328 | 47.463 |
| 46.24  | 46.443 | 46.384 | 46.619 | 46.653 | 46.793 | 46.578 | 46.714 |

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|--------|--------|--------|--------|--------|--------|--------|--------|
| 43.228 | 43.578 | 43.716 | 44.061 | 44.261 | 44.496 | 44.445 | 44.618 |
| 47.371 | 47.674 | 47.752 | 48.071 | 48.25  | 48.418 | 48.324 | 48.498 |
| 40.765 | 41.391 | 41.753 | 42.385 | 42.776 | 43.225 | 43.3   | 43.703 |
| 43.937 | 44.365 | 44.514 | 44.955 | 45.189 | 45.474 | 45.393 | 45.666 |
| 47.404 | 47.924 | 48.25  | 48.799 | 49.191 | 49.566 | 49.659 | 49.946 |
| 49.41  | 49.726 | 49.754 | 50.113 | 50.28  | 50.491 | 50.396 | 50.627 |
| 46.275 | 46.764 | 47.004 | 47.521 | 47.843 | 48.202 | 48.237 | 48.539 |
| 51.888 | 52.195 | 52.256 | 52.587 | 52.805 | 53.018 | 52.961 | 53.161 |
| 47.636 | 47.869 | 47.784 | 48.05  | 48.121 | 48.304 | 48.138 | 48.315 |
| 44.591 | 44.871 | 44.834 | 45.136 | 45.24  | 45.449 | 45.294 | 45.509 |
| 42.254 | 42.367 | 42.238 | 42.33  | 42.309 | 42.313 | 42.093 | 42.129 |
| 37.712 | 37.768 | 37.516 | 37.574 | 37.444 | 37.469 | 37.17  | 37.246 |
| 47.325 | 47.411 | 47.217 | 47.315 | 47.276 | 47.277 | 47.002 | 47.071 |
| 43.305 | 43.43  | 43.393 | 43.479 | 43.555 | 43.542 | 43.423 | 43.441 |
| 46.758 | 46.813 | 46.658 | 46.705 | 46.7   | 46.647 | 46.442 | 46.417 |
| 50.187 | 50.34  | 50.197 | 50.4   | 50.421 | 50.512 | 50.239 | 50.397 |
| 44.067 | 44.164 | 43.999 | 44.114 | 44.079 | 44.065 | 43.796 | 43.863 |
| 44.01  | 44.153 | 44.011 | 44.156 | 44.133 | 44.202 | 43.949 | 44.042 |
| 43.058 | 43.291 | 43.297 | 43.518 | 43.603 | 43.706 | 43.547 | 43.649 |
| 38.056 | 38.474 | 38.721 | 39.156 | 39.388 | 39.614 | 39.633 | 39.824 |
| 43.947 | 44.283 | 44.303 | 44.664 | 44.775 | 45.005 | 44.839 | 45.06  |
| 43.07  | 43.464 | 43.696 | 44.114 | 44.398 | 44.619 | 44.63  | 44.785 |
| 36.259 | 36.572 | 36.73  | 37.032 | 37.219 | 37.37  | 37.381 | 37.472 |
| 38.496 | 38.929 | 39.207 | 39.647 | 39.927 | 40.183 | 40.211 | 40.45  |
| 43.325 | 43.706 | 43.837 | 44.216 | 44.486 | 44.752 | 44.759 | 45.007 |
| 40.432 | 40.848 | 41.037 | 41.455 | 41.719 | 42.013 | 42.056 | 42.321 |
| 42.444 | 42.766 | 42.815 | 43.145 | 43.291 | 43.508 | 43.405 | 43.596 |
| 38.361 | 38.645 | 38.659 | 38.965 | 39.045 | 39.241 | 39.082 | 39.33  |
| 44.16  | 44.173 | 43.951 | 43.989 | 43.921 | 43.887 | 43.581 | 43.622 |
| 44.987 | 45.067 | 44.915 | 45.016 | 45.003 | 45.021 | 44.785 | 44.811 |
| 44.682 | 44.645 | 44.361 | 44.366 | 44.24  | 44.197 | 43.878 | 43.862 |
| 40.854 | 40.83  | 40.534 | 40.537 | 40.366 | 40.31  | 39.932 | 39.97  |
| 42.166 | 42.052 | 41.655 | 41.557 | 41.331 | 41.203 | 40.808 | 40.747 |
| 42.461 | 42.45  | 42.199 | 42.218 | 42.115 | 42.083 | 41.781 | 41.796 |
| 44.029 | 44.005 | 43.754 | 43.769 | 43.672 | 43.618 | 43.33  | 43.293 |
| 45.046 | 45.013 | 44.762 | 44.777 | 44.674 | 44.62  | 44.324 | 44.307 |
| 42.078 | 42.068 | 41.896 | 41.898 | 41.874 | 41.796 | 41.608 | 41.576 |
| 45.797 | 45.756 | 45.522 | 45.51  | 45.444 | 45.361 | 45.099 | 45.029 |
| 42.642 | 42.55  | 42.275 | 42.213 | 42.113 | 41.975 | 41.697 | 41.603 |
| 44.595 | 44.53  | 44.243 | 44.231 | 44.09  | 44.047 | 43.694 | 43.707 |
| 49.172 | 49.178 | 48.913 | 48.974 | 48.874 | 48.848 | 48.518 | 48.535 |
| 45.381 | 45.352 | 45.165 | 45.162 | 45.119 | 45.057 | 44.819 | 44.78  |
| 44.292 | 44.292 | 43.991 | 44.04  | 43.899 | 43.882 | 43.518 | 43.576 |
| 44.761 | 44.78  | 44.521 | 44.562 | 44.462 | 44.441 | 44.142 | 44.164 |
| 49.966 | 49.943 | 49.646 | 49.644 | 49.537 | 49.476 | 49.127 | 49.127 |
| 48.298 | 48.182 | 48.004 | 47.927 | 47.885 | 47.727 | 47.5   | 47.379 |
| 48.605 | 48.445 | 48.183 | 48.053 | 47.961 | 47.766 | 47.431 | 47.333 |
| 48.58  | 48.339 | 48.09  | 47.891 | 47.801 | 47.521 | 47.246 | 47.025 |
| 50.124 | 49.975 | 49.738 | 49.627 | 49.562 | 49.395 | 49.119 | 48.992 |
| 48.471 | 48.411 | 48.218 | 48.202 | 48.165 | 48.049 | 47.779 | 47.724 |
| 48.385 | 48.377 | 48.274 | 48.301 | 48.364 | 48.293 | 48.127 | 48.075 |
| 44.384 | 44.351 | 44.228 | 44.183 | 44.2   | 44.071 | 43.864 | 43.775 |
| 44.145 | 44.208 | 44.122 | 44.186 | 44.236 | 44.211 | 44.03  | 44.069 |
| 49.555 | 49.457 | 49.251 | 49.194 | 49.164 | 49.022 | 48.774 | 48.617 |
| 51.335 | 51.22  | 50.984 | 50.902 | 50.85  | 50.67  | 50.367 | 50.301 |
| 51.603 | 51.503 | 51.261 | 51.206 | 51.161 | 51.018 | 50.711 | 50.605 |
| 52.306 | 52.309 | 52.187 | 52.244 | 52.278 | 52.233 | 52.02  | 51.971 |
| 52.455 | 52.435 | 52.316 | 52.32  | 52.355 | 52.25  | 52.017 | 51.925 |

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|--------|--------|--------|--------|--------|--------|--------|--------|
| 50.554 | 50.594 | 50.471 | 50.545 | 50.577 | 50.528 | 50.281 | 50.303 |
| 50.061 | 50.108 | 49.993 | 50.093 | 50.132 | 50.108 | 49.869 | 49.928 |
| 50.733 | 50.844 | 50.787 | 50.953 | 51.074 | 51.084 | 50.925 | 51.004 |
| 51.541 | 51.644 | 51.526 | 51.665 | 51.734 | 51.781 | 51.54  | 51.619 |
| 52.421 | 52.542 | 52.441 | 52.602 | 52.665 | 52.729 | 52.473 | 52.576 |
| 52.565 | 52.67  | 52.57  | 52.701 | 52.756 | 52.784 | 52.544 | 52.618 |
| 50.982 | 51.054 | 50.964 | 51.07  | 51.134 | 51.094 | 50.873 | 50.925 |
| 44.701 | 45.315 | 45.752 | 46.44  | 46.917 | 47.356 | 47.461 | 47.792 |
| 49.548 | 49.654 | 49.672 | 49.831 | 49.996 | 50.035 | 49.96  | 50.021 |
| 40.861 | 41.27  | 41.559 | 41.966 | 42.313 | 42.564 | 42.657 | 42.839 |
| 43.065 | 43.462 | 43.767 | 44.212 | 44.563 | 44.803 | 44.87  | 45.029 |
| 40.432 | 40.743 | 40.898 | 41.25  | 41.439 | 41.625 | 41.546 | 41.72  |
| 40.769 | 41.214 | 41.538 | 42.03  | 42.379 | 42.672 | 42.724 | 42.982 |
| 44.627 | 44.953 | 45.188 | 45.533 | 45.843 | 45.983 | 45.994 | 46.109 |
| 40.762 | 41.085 | 41.46  | 41.802 | 42.182 | 42.307 | 42.441 | 42.512 |
| 40.876 | 41.335 | 41.705 | 42.173 | 42.587 | 42.883 | 43.055 | 43.3   |
| 42.398 | 42.719 | 42.878 | 43.206 | 43.476 | 43.693 | 43.73  | 43.901 |
| 43.177 | 43.478 | 43.659 | 43.947 | 44.229 | 44.387 | 44.438 | 44.583 |
| 43.409 | 43.508 | 43.412 | 43.535 | 43.589 | 43.625 | 43.443 | 43.503 |
| 47.549 | 47.651 | 47.509 | 47.667 | 47.675 | 47.757 | 47.485 | 47.651 |
| 48.782 | 49.025 | 49.022 | 49.297 | 49.457 | 49.657 | 49.557 | 49.788 |
| 41.536 | 41.431 | 41.162 | 41.07  | 40.947 | 40.81  | 40.501 | 40.434 |
| 38.654 | 38.564 | 38.28  | 38.223 | 38.078 | 37.955 | 37.635 | 37.607 |
| 39.369 | 39.203 | 38.86  | 38.695 | 38.507 | 38.31  | 37.965 | 37.851 |
| 37.482 | 37.405 | 37.195 | 37.136 | 37.034 | 36.957 | 36.711 | 36.665 |
| 34.816 | 34.796 | 34.66  | 34.64  | 34.609 | 34.542 | 34.395 | 34.348 |
| 32.274 | 32.228 | 32.078 | 32.041 | 31.986 | 31.902 | 31.743 | 31.694 |
| 35.188 | 35.227 | 35.083 | 35.108 | 35.074 | 35.071 | 34.911 | 34.948 |
| 37.885 | 37.867 | 37.745 | 37.733 | 37.731 | 37.653 | 37.499 | 37.467 |
| 36.556 | 36.513 | 36.29  | 36.272 | 36.161 | 36.1   | 35.843 | 35.846 |
| 33.116 | 33.118 | 32.994 | 32.974 | 32.944 | 32.884 | 32.729 | 32.736 |
| 35.562 | 35.578 | 35.404 | 35.419 | 35.354 | 35.338 | 35.13  | 35.163 |
| 38.531 | 38.475 | 38.313 | 38.265 | 38.224 | 38.107 | 37.917 | 37.84  |
| 36.889 | 36.892 | 36.806 | 36.796 | 36.815 | 36.753 | 36.655 | 36.592 |
| 41.132 | 41.058 | 40.789 | 40.723 | 40.607 | 40.51  | 40.209 | 40.176 |
| 41.574 | 41.498 | 41.236 | 41.183 | 41.068 | 40.973 | 40.704 | 40.649 |
| 44.671 | 44.621 | 44.37  | 44.364 | 44.262 | 44.19  | 43.906 | 43.86  |
| 37.519 | 37.579 | 37.464 | 37.516 | 37.503 | 37.524 | 37.33  | 37.356 |
| 43.665 | 43.56  | 43.286 | 43.226 | 43.095 | 42.97  | 42.644 | 42.65  |
| 40.348 | 40.262 | 39.995 | 39.908 | 39.804 | 39.674 | 39.397 | 39.361 |
| 39.287 | 39.162 | 38.913 | 38.788 | 38.676 | 38.501 | 38.268 | 38.168 |
| 40.965 | 40.895 | 40.622 | 40.573 | 40.465 | 40.367 | 40.091 | 40.061 |
| 42.886 | 42.792 | 42.539 | 42.474 | 42.381 | 42.263 | 42.003 | 41.906 |
| 40.485 | 40.437 | 40.228 | 40.205 | 40.138 | 40.051 | 39.812 | 39.79  |
| 43.226 | 43.279 | 43.233 | 43.301 | 43.384 | 43.371 | 43.27  | 43.263 |
| 37.468 | 37.493 | 37.297 | 37.331 | 37.253 | 37.256 | 37.042 | 37.062 |
| 34.672 | 34.664 | 34.485 | 34.501 | 34.418 | 34.395 | 34.199 | 34.233 |
| 35.015 | 35.025 | 34.851 | 34.874 | 34.806 | 34.792 | 34.603 | 34.627 |
| 37.616 | 37.529 | 37.326 | 37.25  | 37.166 | 37.056 | 36.833 | 36.788 |
| 37.53  | 37.573 | 37.471 | 37.52  | 37.524 | 37.536 | 37.405 | 37.431 |
| 37.848 | 37.914 | 37.756 | 37.844 | 37.828 | 37.874 | 37.686 | 37.766 |
| 35.826 | 35.859 | 35.741 | 35.802 | 35.772 | 35.761 | 35.625 | 35.695 |
| 38.098 | 38.135 | 38.002 | 38.055 | 38.038 | 38.041 | 37.851 | 37.904 |
| 39.239 | 39.274 | 39.155 | 39.208 | 39.198 | 39.194 | 39.034 | 39.038 |
| 38.15  | 38.253 | 38.241 | 38.333 | 38.407 | 38.432 | 38.371 | 38.405 |
| 35.372 | 35.696 | 35.873 | 36.193 | 36.436 | 36.661 | 36.736 | 36.894 |
| 34.202 | 34.485 | 34.612 | 34.882 | 35.061 | 35.234 | 35.267 | 35.411 |
| 32.521 | 33.007 | 33.356 | 33.875 | 34.215 | 34.587 | 34.734 | 35.036 |



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|--------|--------|--------|--------|--------|--------|--------|--------|
| 39.284 | 39.516 | 39.556 | 39.802 | 39.94  | 40.115 | 40.036 | 40.208 |
| 38.906 | 39.054 | 38.993 | 39.16  | 39.19  | 39.281 | 39.146 | 39.281 |
| 38.088 | 38.175 | 38.141 | 38.243 | 38.309 | 38.362 | 38.309 | 38.356 |
| 36.464 | 36.65  | 36.685 | 36.817 | 36.775 | 36.893 | 36.874 | 36.971 |
| 42.868 | 43.006 | 42.911 | 43.085 | 43.124 | 43.21  | 43.043 | 43.189 |
| 41.506 | 41.648 | 41.607 | 41.758 | 41.845 | 41.912 | 41.798 | 41.893 |
| 38.815 | 39.06  | 39.099 | 39.357 | 39.472 | 39.635 | 39.57  | 39.714 |
| 35.798 | 36.201 | 36.445 | 36.843 | 37.122 | 37.364 | 37.412 | 37.647 |
| 35.897 | 36.223 | 36.286 | 36.666 | 36.775 | 37.061 | 36.945 | 37.271 |
| 36.345 | 36.695 | 36.735 | 37.139 | 37.221 | 37.538 | 37.376 | 37.736 |
| 41.038 | 41.41  | 41.513 | 41.954 | 42.166 | 42.486 | 42.452 | 42.75  |
| 39.421 | 39.708 | 39.823 | 40.134 | 40.382 | 40.599 | 40.644 | 40.86  |
| 44.005 | 44.255 | 44.257 | 44.533 | 44.705 | 44.89  | 44.833 | 45.038 |
| 41.824 | 41.941 | 41.862 | 41.994 | 42.092 | 42.157 | 42.058 | 42.171 |
| 37.699 | 37.749 | 37.661 | 37.731 | 37.742 | 37.75  | 37.599 | 37.66  |
| 38.499 | 38.626 | 38.526 | 38.697 | 38.728 | 38.857 | 38.748 | 38.888 |
| 41.077 | 41.187 | 41.044 | 41.2   | 41.194 | 41.297 | 41.101 | 41.254 |
| 41.139 | 41.188 | 40.951 | 41.024 | 40.949 | 40.986 | 40.73  | 40.829 |
| 41.498 | 41.518 | 41.365 | 41.387 | 41.389 | 41.35  | 41.18  | 41.223 |
| 40.242 | 40.295 | 40.091 | 40.188 | 40.141 | 40.181 | 39.95  | 40.05  |
| 41.096 | 41.121 | 40.927 | 40.966 | 40.924 | 40.899 | 40.695 | 40.728 |
| 39.815 | 39.864 | 39.791 | 39.834 | 39.863 | 39.854 | 39.771 | 39.742 |
| 44.393 | 44.484 | 44.287 | 44.435 | 44.412 | 44.521 | 44.288 | 44.422 |
| 38.782 | 38.794 | 38.65  | 38.683 | 38.676 | 38.646 | 38.515 | 38.497 |
| 42.092 | 42.107 | 41.923 | 41.967 | 41.943 | 41.922 | 41.701 | 41.751 |
| 39.187 | 39.202 | 39.03  | 39.073 | 39.027 | 39.029 | 38.841 | 38.874 |
| 36.451 | 36.528 | 36.41  | 36.504 | 36.481 | 36.521 | 36.366 | 36.468 |
| 45.312 | 45.423 | 45.312 | 45.431 | 45.51  | 45.569 | 45.452 | 45.523 |
| 42.231 | 42.362 | 42.307 | 42.475 | 42.577 | 42.662 | 42.578 | 42.667 |
| 45.242 | 45.443 | 45.343 | 45.584 | 45.66  | 45.855 | 45.693 | 45.921 |
| 40.861 | 40.937 | 40.795 | 40.925 | 40.924 | 40.999 | 40.793 | 40.913 |
| 47.536 | 47.633 | 47.51  | 47.685 | 47.716 | 47.831 | 47.62  | 47.773 |
| 43.109 | 43.302 | 43.265 | 43.495 | 43.6   | 43.756 | 43.634 | 43.769 |
| 38.138 | 38.474 | 38.597 | 38.971 | 39.171 | 39.448 | 39.429 | 39.694 |
| 43.167 | 43.336 | 43.275 | 43.505 | 43.589 | 43.76  | 43.614 | 43.812 |
| 33.491 | 33.691 | 33.729 | 33.927 | 34.055 | 34.194 | 34.205 | 34.38  |
| 39.148 | 39.312 | 39.297 | 39.496 | 39.586 | 39.723 | 39.605 | 39.782 |
| 37.242 | 37.501 | 37.554 | 37.816 | 37.967 | 38.168 | 38.138 | 38.343 |
| 36.065 | 36.306 | 36.401 | 36.641 | 36.831 | 36.991 | 37.031 | 37.202 |
| 35.962 | 36.208 | 36.253 | 36.509 | 36.654 | 36.854 | 36.843 | 37.075 |
| 38.16  | 38.326 | 38.328 | 38.502 | 38.616 | 38.732 | 38.674 | 38.807 |
| 37.854 | 38.052 | 38.052 | 38.283 | 38.379 | 38.549 | 38.484 | 38.689 |
| 37.484 | 37.738 | 37.793 | 38.062 | 38.219 | 38.408 | 38.386 | 38.576 |
| 36.749 | 37.059 | 37.215 | 37.549 | 37.783 | 38     | 38.074 | 38.281 |
| 39.288 | 39.574 | 39.669 | 39.986 | 40.163 | 40.387 | 40.364 | 40.594 |
| 40.61  | 40.875 | 40.993 | 41.28  | 41.503 | 41.73  | 41.778 | 41.951 |
| 39.562 | 39.832 | 39.953 | 40.248 | 40.466 | 40.659 | 40.679 | 40.886 |
| 38.362 | 38.713 | 38.878 | 39.244 | 39.486 | 39.766 | 39.827 | 40.089 |
| 31.75  | 32.304 | 32.688 | 33.277 | 33.729 | 34.272 | 34.537 | 35.085 |
| 10.996 | 11.316 | 11.644 | 12.009 | 12.413 | 12.761 | 13.117 | 13.447 |
| 35.099 | 35.481 | 35.661 | 36.054 | 36.303 | 36.606 | 36.701 | 36.988 |
| 39.208 | 39.461 | 39.524 | 39.804 | 39.964 | 40.163 | 40.157 | 40.352 |
| 40.768 | 40.937 | 40.951 | 41.133 | 41.294 | 41.384 | 41.325 | 41.41  |
| 39.364 | 39.614 | 39.673 | 39.932 | 40.074 | 40.273 | 40.255 | 40.419 |
| 42.072 | 42.208 | 42.094 | 42.26  | 42.293 | 42.404 | 42.224 | 42.371 |
| 43.285 | 43.564 | 43.559 | 43.873 | 44.006 | 44.261 | 44.148 | 44.411 |
| 40.751 | 40.958 | 40.984 | 41.182 | 41.332 | 41.461 | 41.403 | 41.545 |
| 37.545 | 37.753 | 37.771 | 38.014 | 38.121 | 38.282 | 38.241 | 38.453 |

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|--------|--------|--------|--------|--------|--------|--------|--------|
| 41.736 | 41.968 | 41.922 | 42.185 | 42.271 | 42.461 | 42.314 | 42.578 |
| 41.998 | 42.163 | 42.096 | 42.307 | 42.382 | 42.506 | 42.367 | 42.525 |
| 41.598 | 41.765 | 41.744 | 41.936 | 42.038 | 42.163 | 42.076 | 42.214 |
| 43.299 | 43.504 | 43.478 | 43.692 | 43.81  | 43.94  | 43.811 | 43.984 |
| 44.696 | 44.888 | 44.797 | 45.008 | 45.099 | 45.241 | 45.076 | 45.29  |
| 47.144 | 47.384 | 47.333 | 47.645 | 47.751 | 47.976 | 47.805 | 48.06  |
| 44.375 | 44.512 | 44.424 | 44.603 | 44.67  | 44.754 | 44.575 | 44.747 |
| 43.892 | 44.146 | 44.18  | 44.46  | 44.627 | 44.832 | 44.734 | 44.952 |
| 43.362 | 43.598 | 43.589 | 43.871 | 43.997 | 44.199 | 44.095 | 44.282 |
| 44.147 | 44.434 | 44.449 | 44.769 | 44.933 | 45.143 | 45.017 | 45.282 |
| 43.33  | 43.648 | 43.689 | 44.077 | 44.232 | 44.519 | 44.422 | 44.71  |
| 40.18  | 40.455 | 40.544 | 40.873 | 41.057 | 41.297 | 41.279 | 41.51  |
| 40.212 | 40.582 | 40.726 | 41.159 | 41.39  | 41.732 | 41.732 | 42.071 |
| 36.636 | 37.137 | 37.504 | 38.055 | 38.43  | 38.829 | 39.007 | 39.338 |
| 42.29  | 42.56  | 42.602 | 42.909 | 43.081 | 43.29  | 43.244 | 43.439 |
| 43.913 | 44.146 | 44.173 | 44.471 | 44.633 | 44.842 | 44.754 | 44.983 |
| 42.368 | 42.693 | 42.817 | 43.198 | 43.418 | 43.675 | 43.621 | 43.867 |
| 45.166 | 45.464 | 45.449 | 45.815 | 45.968 | 46.233 | 46.107 | 46.392 |
| 43.365 | 43.829 | 44.013 | 44.542 | 44.826 | 45.243 | 45.236 | 45.67  |
| 41.415 | 41.934 | 42.228 | 42.816 | 43.182 | 43.609 | 43.71  | 44.098 |
| 41.205 | 41.709 | 42.032 | 42.577 | 42.957 | 43.383 | 43.494 | 43.858 |
| 45.646 | 46.129 | 46.345 | 46.885 | 47.245 | 47.645 | 47.704 | 48.057 |
| 48.11  | 48.568 | 48.741 | 49.285 | 49.61  | 50.001 | 50.01  | 50.45  |
| 43.044 | 43.494 | 43.743 | 44.251 | 44.612 | 44.996 | 45.075 | 45.413 |
| 45.916 | 46.343 | 46.502 | 47.008 | 47.3   | 47.705 | 47.722 | 48.091 |
| 45.734 | 46.272 | 46.566 | 47.176 | 47.588 | 48.071 | 48.195 | 48.598 |
| 42.822 | 43.361 | 43.748 | 44.352 | 44.823 | 45.256 | 45.434 | 45.835 |
| 47.638 | 48.039 | 48.192 | 48.641 | 48.979 | 49.335 | 49.38  | 49.701 |
| 52.537 | 53.012 | 53.156 | 53.746 | 54.107 | 54.611 | 54.629 | 55.114 |
| 44.543 | 44.912 | 45.01  | 45.438 | 45.698 | 46.065 | 46.056 | 46.389 |
| 44.118 | 44.435 | 44.525 | 44.909 | 45.172 | 45.476 | 45.521 | 45.765 |
| 45.698 | 46.017 | 46.113 | 46.502 | 46.776 | 47.098 | 47.134 | 47.402 |
| 45.454 | 45.762 | 45.852 | 46.215 | 46.493 | 46.784 | 46.827 | 47.056 |
| 47.263 | 47.649 | 47.717 | 48.187 | 48.437 | 48.826 | 48.776 | 49.135 |
| 48.012 | 48.392 | 48.49  | 48.93  | 49.211 | 49.58  | 49.557 | 49.919 |
| 44.833 | 45.07  | 45.078 | 45.375 | 45.571 | 45.8   | 45.764 | 46.009 |
| 49.663 | 49.979 | 50.02  | 50.431 | 50.655 | 50.987 | 50.936 | 51.276 |
| 42     | 42.39  | 42.558 | 42.998 | 43.28  | 43.637 | 43.657 | 43.978 |
| 41.978 | 42.373 | 42.542 | 42.973 | 43.258 | 43.593 | 43.626 | 43.939 |
| 46.765 | 46.99  | 47.016 | 47.308 | 47.535 | 47.739 | 47.708 | 47.892 |
| 50.253 | 50.514 | 50.511 | 50.868 | 51.091 | 51.395 | 51.349 | 51.615 |
| 47.9   | 48.057 | 47.993 | 48.264 | 48.387 | 48.623 | 48.489 | 48.712 |
| 49.103 | 49.326 | 49.367 | 49.696 | 49.966 | 50.244 | 50.282 | 50.486 |
| 50.681 | 50.999 | 51.021 | 51.447 | 51.673 | 52.046 | 51.986 | 52.354 |
| 43.842 | 44.003 | 43.927 | 44.133 | 44.213 | 44.354 | 44.192 | 44.346 |
| 43.443 | 43.638 | 43.588 | 43.836 | 43.939 | 44.14  | 44.003 | 44.218 |
| 44.542 | 44.701 | 44.618 | 44.837 | 44.95  | 45.122 | 45.003 | 45.177 |
| 45.112 | 45.346 | 45.311 | 45.65  | 45.815 | 46.1   | 45.965 | 46.285 |
| 47.99  | 48.221 | 48.125 | 48.467 | 48.595 | 48.881 | 48.738 | 49.059 |
| 47.846 | 48.086 | 48.101 | 48.446 | 48.652 | 48.932 | 48.885 | 49.144 |
| 50.609 | 50.85  | 50.821 | 51.158 | 51.354 | 51.629 | 51.532 | 51.859 |
| 46.918 | 47.074 | 47.019 | 47.265 | 47.424 | 47.599 | 47.525 | 47.675 |
| 47.298 | 47.564 | 47.48  | 47.845 | 47.972 | 48.297 | 48.14  | 48.489 |
| 49.087 | 49.3   | 49.246 | 49.559 | 49.737 | 50.015 | 49.952 | 50.217 |
| 49.899 | 50.113 | 50.04  | 50.372 | 50.534 | 50.815 | 50.704 | 50.991 |
| 50.082 | 50.38  | 50.334 | 50.764 | 50.945 | 51.334 | 51.212 | 51.609 |
| 47.085 | 47.241 | 47.169 | 47.441 | 47.562 | 47.792 | 47.688 | 47.914 |
| 44.651 | 44.847 | 44.802 | 45.071 | 45.216 | 45.432 | 45.341 | 45.53  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 42.133 | 42.319 | 42.271 | 42.516 | 42.623 | 42.837 | 42.751 | 42.91  |
| 43.563 | 43.662 | 43.617 | 43.793 | 43.92  | 44.019 | 43.956 | 44.062 |
| 43.511 | 43.675 | 43.644 | 43.907 | 44.06  | 44.277 | 44.22  | 44.438 |
| 48.739 | 49.03  | 48.964 | 49.359 | 49.515 | 49.889 | 49.76  | 50.16  |
| 49.547 | 49.831 | 49.862 | 50.236 | 50.497 | 50.802 | 50.803 | 51.113 |
| 45.878 | 46.112 | 46.059 | 46.405 | 46.553 | 46.838 | 46.726 | 47.051 |
| 46.991 | 47.25  | 47.22  | 47.594 | 47.8   | 48.126 | 48.037 | 48.387 |
| 49.376 | 49.656 | 49.654 | 50.033 | 50.285 | 50.63  | 50.646 | 50.942 |
| 51.017 | 51.142 | 51.234 | 51.48  | 51.816 | 52.087 | 52.362 | 52.339 |
| 51.788 | 51.947 | 51.942 | 52.248 | 52.503 | 52.837 | 53.013 | 53.093 |
| 49.302 | 49.385 | 49.498 | 49.715 | 50.058 | 50.285 | 50.615 | 50.549 |
| 49.107 | 49.22  | 49.317 | 49.565 | 49.869 | 50.148 | 50.441 | 50.411 |
| 46.373 | 46.391 | 46.413 | 46.475 | 46.671 | 46.739 | 46.955 | 46.752 |
| 45.757 | 45.919 | 46.036 | 46.26  | 46.57  | 46.794 | 47.096 | 46.984 |
| 43.99  | 44.251 | 44.502 | 44.812 | 45.233 | 45.502 | 45.894 | 45.892 |
| 38.054 | 38.199 | 38.377 | 38.528 | 38.823 | 38.968 | 39.254 | 39.165 |
| 39.993 | 40.104 | 40.183 | 40.331 | 40.534 | 40.699 | 40.913 | 40.808 |
| 35.678 | 35.839 | 35.975 | 36.147 | 36.393 | 36.542 | 36.816 | 36.756 |
| 39.951 | 39.992 | 40.049 | 40.095 | 40.31  | 40.329 | 40.585 | 40.382 |
| 33.786 | 33.996 | 34.128 | 34.365 | 34.596 | 34.839 | 35.091 | 35.137 |
| 40.713 | 40.861 | 40.944 | 41.14  | 41.364 | 41.573 | 41.757 | 41.731 |
| 40.367 | 40.431 | 40.424 | 40.516 | 40.642 | 40.742 | 40.866 | 40.735 |
| 42.004 | 42.102 | 42.148 | 42.292 | 42.474 | 42.598 | 42.769 | 42.64  |
| 43.22  | 43.38  | 43.481 | 43.676 | 43.934 | 44.113 | 44.352 | 44.3   |
| 43.213 | 43.381 | 43.447 | 43.675 | 43.885 | 44.123 | 44.322 | 44.283 |
| 39.79  | 39.993 | 40.085 | 40.345 | 40.559 | 40.849 | 41.038 | 41.094 |
| 38.788 | 38.946 | 39.013 | 39.203 | 39.377 | 39.584 | 39.755 | 39.716 |
| 41.704 | 41.793 | 41.828 | 41.969 | 42.146 | 42.257 | 42.431 | 42.32  |
| 41.119 | 41.28  | 41.322 | 41.52  | 41.721 | 41.918 | 42.06  | 42.066 |
| 38.657 | 38.753 | 38.756 | 38.89  | 39.017 | 39.156 | 39.27  | 39.215 |
| 43.038 | 43.06  | 43.031 | 43.114 | 43.235 | 43.317 | 43.423 | 43.285 |
| 37.869 | 37.92  | 37.851 | 37.943 | 38.007 | 38.127 | 38.158 | 38.052 |
| 38.35  | 38.415 | 38.411 | 38.508 | 38.619 | 38.752 | 38.864 | 38.748 |
| 38.944 | 39.007 | 39.004 | 39.103 | 39.217 | 39.34  | 39.465 | 39.368 |
| 36.791 | 36.794 | 36.733 | 36.752 | 36.818 | 36.875 | 36.935 | 36.789 |
| 46.463 | 46.528 | 46.511 | 46.644 | 46.78  | 46.909 | 47.027 | 46.939 |
| 44.892 | 44.964 | 44.942 | 45.047 | 45.21  | 45.336 | 45.446 | 45.348 |
| 46.965 | 46.959 | 46.85  | 46.934 | 46.994 | 47.087 | 47.127 | 47.008 |
| 47.712 | 47.799 | 47.777 | 47.928 | 48.092 | 48.246 | 48.374 | 48.233 |
| 45.306 | 45.417 | 45.441 | 45.589 | 45.779 | 45.934 | 46.101 | 45.988 |
| 42.744 | 42.85  | 42.844 | 42.989 | 43.164 | 43.31  | 43.458 | 43.364 |
| 45.52  | 45.629 | 45.66  | 45.819 | 46.015 | 46.177 | 46.358 | 46.23  |
| 47.552 | 47.652 | 47.626 | 47.8   | 47.934 | 48.103 | 48.212 | 48.134 |
| 46.8   | 46.865 | 46.799 | 46.922 | 47.023 | 47.168 | 47.228 | 47.115 |
| 45.466 | 45.617 | 45.665 | 45.835 | 46.055 | 46.21  | 46.404 | 46.273 |
| 43.844 | 44.058 | 44.116 | 44.37  | 44.566 | 44.818 | 44.965 | 44.986 |
| 44.168 | 44.283 | 44.311 | 44.466 | 44.616 | 44.753 | 44.863 | 44.774 |
| 46.218 | 46.304 | 46.321 | 46.439 | 46.605 | 46.717 | 46.855 | 46.729 |
| 46.212 | 46.286 | 46.256 | 46.37  | 46.499 | 46.622 | 46.737 | 46.591 |
| 46.031 | 46.113 | 46.133 | 46.255 | 46.427 | 46.512 | 46.653 | 46.503 |
| 45.501 | 45.672 | 45.67  | 45.89  | 46.046 | 46.257 | 46.36  | 46.311 |
| 45.351 | 45.49  | 45.538 | 45.725 | 45.908 | 46.1   | 46.254 | 46.122 |
| 46.107 | 46.265 | 46.308 | 46.519 | 46.715 | 46.908 | 47.057 | 47.005 |
| 45.564 | 45.67  | 45.638 | 45.804 | 45.916 | 46.079 | 46.169 | 46.066 |
| 45.05  | 45.149 | 45.113 | 45.25  | 45.375 | 45.52  | 45.619 | 45.486 |
| 45.137 | 45.256 | 45.259 | 45.421 | 45.577 | 45.738 | 45.863 | 45.75  |
| 45.191 | 45.253 | 45.17  | 45.285 | 45.364 | 45.486 | 45.551 | 45.456 |
| 45.107 | 45.204 | 45.174 | 45.309 | 45.446 | 45.581 | 45.696 | 45.576 |

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|--------|--------|--------|--------|--------|--------|--------|--------|
| 46.229 | 46.27  | 46.195 | 46.301 | 46.37  | 46.452 | 46.518 | 46.368 |
| 43.088 | 43.262 | 43.365 | 43.559 | 43.793 | 43.963 | 44.183 | 44.069 |
| 43.875 | 44.1   | 44.17  | 44.412 | 44.592 | 44.821 | 44.96  | 44.893 |
| 41.402 | 41.574 | 41.641 | 41.823 | 42.014 | 42.182 | 42.348 | 42.254 |
| 44.608 | 44.778 | 44.791 | 44.991 | 45.147 | 45.326 | 45.452 | 45.374 |
| 42.158 | 42.357 | 42.438 | 42.647 | 42.845 | 43.035 | 43.214 | 43.117 |
| 45.915 | 46.132 | 46.201 | 46.43  | 46.66  | 46.861 | 47.02  | 46.995 |
| 44.851 | 45.076 | 45.17  | 45.443 | 45.662 | 45.929 | 46.084 | 46.08  |
| 44.082 | 44.27  | 44.292 | 44.481 | 44.653 | 44.812 | 44.937 | 44.843 |
| 45.018 | 45.18  | 45.206 | 45.402 | 45.55  | 45.715 | 45.867 | 45.747 |
| 44.47  | 44.648 | 44.68  | 44.885 | 45.063 | 45.239 | 45.366 | 45.32  |
| 45.94  | 46.213 | 46.339 | 46.626 | 46.888 | 47.14  | 47.337 | 47.289 |
| 44.148 | 44.369 | 44.447 | 44.686 | 44.903 | 45.126 | 45.276 | 45.232 |
| 44.713 | 45.025 | 45.199 | 45.53  | 45.818 | 46.111 | 46.346 | 46.381 |
| 46.799 | 47.094 | 47.201 | 47.531 | 47.789 | 48.058 | 48.251 | 48.263 |
| 47.827 | 47.994 | 48.004 | 48.22  | 48.4   | 48.6   | 48.737 | 48.655 |
| 47.377 | 47.642 | 47.743 | 48.022 | 48.308 | 48.551 | 48.765 | 48.725 |
| 45.849 | 46.041 | 46.142 | 46.363 | 46.607 | 46.815 | 47.022 | 46.938 |
| 47.775 | 47.989 | 48.08  | 48.346 | 48.584 | 48.832 | 49.025 | 48.932 |
| 45.419 | 45.879 | 46.192 | 46.692 | 47.119 | 47.584 | 47.942 | 48.1   |
| 47.006 | 47.224 | 47.319 | 47.598 | 47.849 | 48.087 | 48.297 | 48.283 |
| 49.963 | 50.224 | 50.371 | 50.706 | 51.012 | 51.323 | 51.599 | 51.607 |
| 48.802 | 49.124 | 49.268 | 49.621 | 49.925 | 50.253 | 50.494 | 50.544 |
| 46.733 | 46.95  | 47.042 | 47.307 | 47.552 | 47.776 | 47.971 | 47.933 |
| 46.9   | 47.244 | 47.459 | 47.851 | 48.211 | 48.527 | 48.821 | 48.847 |
| 48.841 | 49.209 | 49.389 | 49.8   | 50.144 | 50.514 | 50.785 | 50.872 |
| 48.348 | 48.568 | 48.644 | 48.901 | 49.125 | 49.352 | 49.534 | 49.488 |
| 52.288 | 52.592 | 52.761 | 53.157 | 53.513 | 53.885 | 54.159 | 54.216 |
| 54.495 | 54.792 | 54.977 | 55.323 | 55.673 | 56.029 | 56.353 | 56.337 |
| 53.586 | 53.884 | 54.077 | 54.448 | 54.835 | 55.19  | 55.517 | 55.529 |
| 50.559 | 50.938 | 51.194 | 51.639 | 52.059 | 52.48  | 52.818 | 52.931 |
| 49.872 | 50.376 | 50.719 | 51.274 | 51.739 | 52.245 | 52.669 | 52.823 |
| 41.673 | 42.234 | 42.721 | 43.303 | 43.852 | 44.362 | 44.874 | 45.022 |
| 46.877 | 47.467 | 47.87  | 48.485 | 49.005 | 49.573 | 50.037 | 50.243 |
| 45.55  | 46.158 | 46.627 | 47.305 | 47.889 | 48.501 | 49.034 | 49.271 |
| 51.253 | 51.754 | 52.068 | 52.626 | 53.116 | 53.649 | 54.05  | 54.252 |
| 54.24  | 54.633 | 54.854 | 55.315 | 55.73  | 56.164 | 56.507 | 56.554 |
| 55.868 | 56.191 | 56.31  | 56.701 | 57.017 | 57.379 | 57.625 | 57.641 |
| 46.704 | 46.913 | 47     | 47.251 | 47.476 | 47.724 | 47.893 | 47.856 |
| 48.276 | 48.493 | 48.555 | 48.82  | 49.051 | 49.287 | 49.46  | 49.395 |
| 47.709 | 47.887 | 47.915 | 48.165 | 48.362 | 48.592 | 48.741 | 48.679 |
| 46.329 | 46.755 | 47.013 | 47.463 | 47.861 | 48.256 | 48.586 | 48.684 |
| 47.588 | 48.142 | 48.525 | 49.135 | 49.645 | 50.192 | 50.619 | 50.785 |
| 50.99  | 51.428 | 51.705 | 52.194 | 52.63  | 53.076 | 53.458 | 53.53  |
| 53.54  | 53.983 | 54.264 | 54.755 | 55.208 | 55.655 | 56.017 | 56.126 |
| 54.348 | 54.83  | 55.142 | 55.696 | 56.183 | 56.693 | 57.104 | 57.239 |
| 56.668 | 57.067 | 57.309 | 57.763 | 58.193 | 58.613 | 58.944 | 59.047 |
| 54.28  | 54.652 | 54.853 | 55.261 | 55.649 | 56.034 | 56.361 | 56.374 |
| 54.052 | 54.441 | 54.685 | 55.094 | 55.518 | 55.912 | 56.31  | 56.313 |
| 49.036 | 49.309 | 49.399 | 49.741 | 49.966 | 50.277 | 50.469 | 50.478 |
| 49.599 | 50.307 | 50.855 | 51.572 | 52.235 | 52.866 | 53.42  | 53.661 |
| 45.13  | 46.089 | 46.888 | 47.819 | 48.605 | 49.357 | 49.994 | 50.339 |
| 51.093 | 51.815 | 52.385 | 53.122 | 53.78  | 54.442 | 55.045 | 55.222 |
| 39.583 | 40.092 | 40.468 | 41.016 | 41.515 | 42.08  | 42.582 | 42.823 |
| 48.011 | 48.737 | 49.302 | 50.065 | 50.742 | 51.468 | 52.08  | 52.403 |

jas = součet odrazností v celém spektru 400 -  
 odraznost v pásmu = (součet odrazností pásm  
 vlnově-délková rozsahy pro pásma barev (nm

| jas     | fialová | modrá   | zelená  |
|---------|---------|---------|---------|
| 400-700 | 400-440 | 450-480 | 480-550 |

|                           |                                 |
|---------------------------|---------------------------------|
| mocnost jednoho cyklu (m) |                                 |
| 3.380952                  |                                 |
| et                        | trvání jednoho cyklu (tis. let) |
|                           | 95.24                           |

| D65/10° | 5-bodový | SPIN  |       |
|---------|----------|-------|-------|
| L*      |          | a*    | b*    |
| 61.67   | 60.35333 | -0.23 | 12.46 |
| 61.17   | 60.445   | 0.13  | 13.39 |
| 58.22   | 61.822   | 0.41  | 12.53 |
| 60.72   | 62.106   | 1.23  | 15.33 |
| 67.33   | 63.106   | -1    | 11.88 |
| 63.09   | 64.344   | -1.17 | 10.94 |
| 66.17   | 64.714   | -1.39 | 10.68 |
| 64.41   | 63.824   | -0.78 | 13.55 |
| 62.57   | 63.422   | -0.58 | 12.21 |
| 62.88   | 62.332   | -0.68 | 11.16 |
| 61.08   | 62.922   | -0.75 | 9.6   |
| 60.72   | 63.03    | -0.48 | 12.23 |
| 67.36   | 62.96    | -0.13 | 13.16 |
| 63.11   | 62.72    | -0.42 | 11.66 |
| 62.53   | 63.58    | -0.15 | 11.9  |
| 59.88   | 63.394   | 0.4   | 13.47 |
| 65.02   | 63.182   | -0.05 | 13.39 |
| 66.43   | 63.264   | -0.44 | 12.15 |
| 62.05   | 63.814   | -0.21 | 11.84 |
| 62.94   | 61.046   | -0.78 | 10.26 |
| 62.63   | 59.132   | 0.58  | 13.52 |
| 51.18   | 58.292   | 1.89  | 13.7  |
| 56.86   | 55.99    | 0.27  | 11.67 |

1.  
 hrubá data

| odraznost v barevném pásmu |          |       |        |
|----------------------------|----------|-------|--------|
| jas                        | fialová  | modrá | zelená |
| 878.59                     | 10.55726 |       |        |
| 862.634                    |          |       |        |
| 770.515                    |          |       |        |
| 854.54                     |          |       |        |
| 1077.445                   |          |       |        |
| 921.825                    |          |       |        |
| 1034.143                   |          |       |        |
| 963.305                    |          |       |        |
| 904.532                    |          |       |        |
| 918.781                    |          |       |        |
| 861.964                    |          |       |        |
| 843.566                    |          |       |        |
| 1087.93                    |          |       |        |
| 930.269                    |          |       |        |
| 910.531                    |          |       |        |
| 821.758                    |          |       |        |
| 998.375                    |          |       |        |
| 1052.272                   |          |       |        |
| 894.432                    |          |       |        |
| 923.687                    |          |       |        |
| 918.224                    |          |       |        |
| 586.332                    |          |       |        |
| 732.967                    |          |       |        |

|       |        |       |       |          |
|-------|--------|-------|-------|----------|
| 57.85 | 55.578 | 0.03  | 10.55 | 762.629  |
| 51.43 | 57.58  | 0.85  | 10.77 | 584.132  |
| 60.57 | 56.69  | 0.33  | 10.51 | 853.845  |
| 61.19 | 56.64  | 1.12  | 12.86 | 876.276  |
| 52.41 | 58.054 | 0.55  | 10.47 | 607.702  |
| 57.6  | 56.8   | 0.23  | 11.21 | 755.394  |
| 58.5  | 57.056 | 1.09  | 14.54 | 790.665  |
| 54.3  | 57.59  | 0.39  | 10.96 | 659.098  |
| 62.47 | 57.68  | 0.27  | 13.55 | 916.286  |
| 55.08 | 56.624 | 0.34  | 10.94 | 680.205  |
| 58.05 | 57.268 | 0.92  | 13.02 | 771.685  |
| 53.22 | 57.456 | 1.71  | 14.11 | 638.772  |
| 57.52 | 59.258 | 0.19  | 12.28 | 746.939  |
| 63.41 | 60.868 | -1.1  | 10.57 | 935.107  |
| 64.09 | 63.536 | -1.06 | 11.08 | 958.803  |
| 66.1  | 64.31  | -0.86 | 11.69 | 1034.422 |
| 66.56 | 64.548 | -0.84 | 11.86 | 1052.286 |
| 61.39 | 63.558 | -0.45 | 11.84 | 868.369  |
| 64.6  | 62.318 | -0.46 | 11.47 | 984.62   |
| 59.14 | 59.926 | -0.63 | 10.47 | 796.084  |
| 59.9  | 57.96  | -0.2  | 10.43 | 825.445  |
| 54.6  | 55.784 | 1.1   | 13.13 | 669.298  |
| 51.56 | 55.278 | 1.52  | 12.63 | 590.402  |
| 53.72 | 54.616 | 0.9   | 12.61 | 641.877  |
| 56.61 | 55.504 | 0.51  | 13.03 | 719.44   |
| 56.59 | 57.772 | 0.03  | 12.32 | 716.616  |
| 59.04 | 59.688 | -0.19 | 11.91 | 791.907  |
| 62.9  | 60.34  | -0.58 | 12.56 | 915.949  |
| 63.3  | 60.79  | 0     | 13.91 | 930.727  |
| 59.87 | 61.042 | 0.34  | 14.44 | 815.276  |
| 58.84 | 61.256 | 0.19  | 13.35 | 784.756  |
| 60.3  | 61.608 | 0.2   | 13.66 | 831.194  |
| 63.97 | 62.456 | -0.44 | 12.58 | 955.651  |
| 65.06 | 63.646 | -0.52 | 13.52 | 992.575  |
| 64.11 | 64.318 | 0.13  | 14.64 | 961.438  |
| 64.79 | 63.758 | -0.05 | 14.02 | 987.257  |
| 63.66 | 63.058 | -0.16 | 13.09 | 948.4    |
| 61.17 | 61.884 | 0.02  | 12.59 | 862.622  |
| 61.56 | 59.548 | 0.75  | 15.37 | 876.63   |
| 58.24 | 56.812 | 0.58  | 12.78 | 772.532  |
| 53.11 | 56.552 | 1.33  | 13.05 | 628.444  |
| 49.98 | 57.018 | 0.62  | 11.14 | 544.521  |
| 59.87 | 57.406 | -0.17 | 11.75 | 820.076  |
| 63.89 | 59.956 | -0.14 | 12.52 | 957.846  |
| 60.18 | 63.258 | 0     | 11.41 | 828.183  |
| 65.86 | 64.94  | -1.27 | 10.52 | 1025.78  |
| 66.49 | 64.762 | -1.1  | 10.8  | 1051.031 |
| 68.28 | 66.376 | -1.27 | 10.59 | 1120.622 |
| 63    | 67.088 | -1.05 | 7.43  | 935.222  |
| 68.25 | 67.858 | -1.59 | 9.73  | 1120.288 |
| 69.42 | 67.548 | -1.36 | 10.73 | 1165.873 |
| 70.34 | 68.298 | -0.81 | 9.19  | 1220.454 |
| 66.73 | 68     | -0.74 | 9.81  | 1068.935 |
| 66.75 | 66.748 | -1.14 | 11.48 | 1057.591 |
| 66.76 | 65.804 | -0.89 | 12.46 | 1057.295 |
| 63.16 | 64.536 | -0.66 | 12.37 | 925.362  |
| 65.62 | 63.938 | -0.12 | 13.4  | 1019.278 |
| 60.39 | 63.44  | 0.03  | 11.93 | 838.401  |

|       |        |       |       |          |
|-------|--------|-------|-------|----------|
| 63.76 | 64.28  | -0.1  | 13.6  | 950.523  |
| 64.27 | 61.12  | 0.07  | 13.38 | 972.281  |
| 67.36 | 61.904 | -0.14 | 13.56 | 1087.581 |
| 49.82 | 61.362 | 0.57  | 8.97  | 542.211  |
| 64.31 | 60.274 | 0.34  | 12.19 | 979.883  |
| 61.05 | 56.886 | 0.17  | 13.56 | 858.684  |
| 58.83 | 56.622 | 0.19  | 12.1  | 789.657  |
| 50.42 | 55.032 | 0.14  | 10.53 | 553.035  |
| 48.5  | 54.098 | 1.47  | 12.5  | 513.666  |
| 56.36 | 55.332 | 0.07  | 11.47 | 712.923  |
| 56.38 | 58.422 | 0.36  | 12.45 | 713.881  |
| 65    | 62.054 | -0.6  | 10.88 | 999.494  |
| 65.87 | 63.992 | -0.86 | 10.53 | 1031.955 |
| 66.66 | 65.95  | -0.97 | 11.63 | 1056.018 |
| 66.05 | 66.078 | -0.79 | 10.92 | 1038.057 |
| 66.17 | 66.13  | -0.51 | 8.26  | 1057.161 |
| 65.64 | 65.75  | -1.05 | 9.85  | 1023.152 |
| 66.13 | 65.418 | -1.03 | 9.97  | 1041.967 |
| 64.76 | 64.798 | -1.23 | 9.84  | 987.973  |
| 64.39 | 64.806 | -1.19 | 11.28 | 968.97   |
| 63.07 | 64.528 | -1.11 | 11.21 | 921.228  |
| 65.68 | 65.338 | -1.35 | 11.43 | 1013.922 |
| 64.74 | 65.402 | -1.25 | 10.56 | 983.612  |
| 68.81 | 65.5   | -0.8  | 9.59  | 1153.578 |
| 64.71 | 65.154 | -0.95 | 11.06 | 983.396  |
| 63.56 | 65.85  | -0.67 | 10.51 | 946.662  |
| 63.95 | 65.482 | -0.59 | 10.3  | 961.526  |
| 68.22 | 65.89  | -0.96 | 11.07 | 1120.629 |
| 66.97 | 66.126 | -0.5  | 12.42 | 1070.904 |
| 66.75 | 65.892 | -0.17 | 13.69 | 1061.324 |
| 64.74 | 64.982 | -0.47 | 9.27  | 997.573  |
| 62.78 | 64.582 | -1.11 | 9.79  | 916.75   |
| 63.67 | 63.464 | -0.64 | 10.97 | 949.108  |
| 64.97 | 61.652 | -0.54 | 11.15 | 999.18   |
| 61.16 | 62.264 | 0.84  | 14.13 | 867.778  |
| 55.68 | 62.81  | 0.8   | 11.43 | 699.437  |
| 65.84 | 63.034 | -0.04 | 12.91 | 1030.965 |
| 66.4  | 63.846 | -0.14 | 13.11 | 1051.392 |
| 66.09 | 66.044 | -0.41 | 11.19 | 1043.034 |
| 65.22 | 66.656 | -0.33 | 12.4  | 1006.583 |
| 66.67 | 66.186 | -0.83 | 10.2  | 1063.076 |
| 68.9  | 66.154 | -0.65 | 11.12 | 1152.344 |
| 64.05 | 65.786 | -0.67 | 10.67 | 965.314  |
| 65.93 | 64.94  | -0.23 | 12.45 | 1034.027 |
| 63.38 | 63.07  | -0.15 | 12.23 | 940.354  |
| 62.44 | 63.356 | 0.46  | 14.58 | 905.808  |
| 59.55 | 62.322 | 0.64  | 14.34 | 811.817  |
| 65.48 | 62.372 | -0.34 | 13.03 | 1012.64  |
| 60.76 | 62.47  | 0.19  | 13.91 | 847.441  |
| 63.63 | 63.02  | -0.53 | 12.75 | 942.99   |
| 62.93 | 60.532 | -0.44 | 12.94 | 919.519  |
| 62.3  | 60.948 | 0.27  | 14.39 | 900.136  |
| 53.04 | 61.006 | 0.35  | 11.11 | 621.097  |
| 62.84 | 61.076 | -0.32 | 13.4  | 914.357  |
| 63.92 | 60.984 | -0.61 | 12.69 | 952.983  |
| 63.28 | 63.926 | -0.27 | 13.38 | 932.114  |
| 61.84 | 64.55  | -0.58 | 12.41 | 880.398  |
| 67.75 | 65.114 | -0.86 | 11.11 | 1102.036 |

|       |        |       |       |          |
|-------|--------|-------|-------|----------|
| 65.96 | 65.866 | -1.32 | 11.29 | 1025.542 |
| 66.74 | 66.816 | -0.79 | 11.46 | 1061.552 |
| 67.04 | 66.202 | -0.95 | 12.42 | 1067.343 |
| 66.59 | 66.454 | -0.93 | 12.52 | 1049.761 |
| 64.68 | 65.362 | -0.35 | 13.45 | 980.633  |
| 67.22 | 64.842 | -0.33 | 12.81 | 1081.694 |
| 61.28 | 64.114 | -0.76 | 11.17 | 863.909  |
| 64.44 | 63.626 | -0.69 | 10.76 | 979.76   |
| 62.95 | 61.63  | -0.2  | 13.19 | 922.583  |
| 62.24 | 60.892 | -0.11 | 13.16 | 899.012  |
| 57.24 | 61.172 | -0.19 | 11.07 | 739.516  |
| 57.59 | 60.558 | 1.19  | 13.86 | 756.616  |
| 65.84 | 61.318 | 0.23  | 13.57 | 1032.504 |
| 59.88 | 63.228 | 1.73  | 15.17 | 837.22   |
| 66.04 | 64.726 | 1.38  | 14.42 | 1051.099 |
| 66.79 | 63.64  | 0.85  | 13.61 | 1076.274 |
| 65.08 | 63.71  | 1.21  | 13.05 | 1016.375 |
| 60.41 | 61.546 | 1.61  | 14.78 | 849.838  |
| 60.23 | 60.114 | 1.86  | 14.62 | 845.885  |
| 55.22 | 60.098 | 2.23  | 15.55 | 695.873  |
| 59.63 | 59.9   | 0.76  | 15.18 | 813.319  |
| 65    | 60.498 | 0.12  | 14.06 | 997.529  |
| 59.42 | 62.528 | 0.47  | 13.44 | 809.35   |
| 63.22 | 62.608 | 0.43  | 15.11 | 932.542  |
| 65.37 | 61.526 | -0.1  | 13.01 | 1012.68  |
| 60.03 | 62.32  | 1.34  | 15.14 | 836.759  |
| 59.59 | 62.28  | 1.46  | 16.46 | 823.101  |
| 63.39 | 62.202 | 1.37  | 15.51 | 954.744  |
| 63.02 | 63.788 | 1.13  | 13.78 | 940.863  |
| 64.98 | 64.698 | 1.12  | 14.23 | 1009.637 |
| 67.96 | 64.444 | 1.04  | 13.74 | 1126.679 |
| 64.14 | 64.23  | 1.11  | 14.98 | 983.612  |
| 62.12 | 64.476 | 1.07  | 13.75 | 906.179  |
| 61.95 | 64.152 | 1.31  | 15.09 | 902.587  |
| 66.21 | 64.11  | -0.25 | 13.15 | 1042.189 |
| 66.34 | 64.558 | 0.78  | 14.43 | 1059.995 |
| 63.93 | 65.32  | 0.47  | 13.93 | 960.524  |
| 64.36 | 64.876 | 0.64  | 14.28 | 980.313  |
| 65.76 | 64.318 | 0.61  | 14.21 | 1033.108 |
| 63.99 | 64.59  | 0.8   | 14.87 | 966.557  |
| 63.55 | 65.49  | 0.49  | 14.57 | 945.389  |
| 65.29 | 65.804 | -0.79 | 12.75 | 1000.319 |
| 68.86 | 66.61  | -0.6  | 12.98 | 1142.725 |
| 67.33 | 67.986 | -0.81 | 12.45 | 1080.718 |
| 68.02 | 68.796 | -1.04 | 12.13 | 1105.907 |
| 70.43 | 69.124 | -1    | 11.51 | 1209.085 |
| 69.34 | 69.35  | -0.87 | 12.1  | 1162.691 |
| 70.5  | 69.328 | -0.59 | 11.71 | 1217.374 |
| 68.46 | 68.27  | -0.95 | 11.42 | 1129.165 |
| 67.91 | 68.386 | -0.48 | 11.92 | 1109.843 |
| 65.14 | 67.506 | 0.66  | 14.86 | 1006.584 |
| 69.92 | 67.406 | -0.36 | 12.72 | 1192.845 |
| 66.1  | 66.014 | 0.1   | 14.03 | 1043.498 |
| 67.96 | 66     | -0.03 | 13.54 | 1113.739 |
| 60.95 | 65.696 | 1.33  | 15.11 | 873.375  |
| 65.07 | 66.714 | 0.94  | 14.23 | 1008.688 |
| 68.4  | 66.522 | 0.68  | 13.26 | 1139.768 |
| 71.19 | 66.34  | 0.68  | 12.98 | 1258.378 |



|       |        |       |       |          |
|-------|--------|-------|-------|----------|
| 67    | 66.47  | 0.74  | 13.36 | 1083.664 |
| 60.04 | 65.22  | 1.49  | 15.11 | 841.046  |
| 65.72 | 64.018 | 0.71  | 13.96 | 1030.435 |
| 62.15 | 63.558 | 1.5   | 14.78 | 908.415  |
| 65.18 | 65.03  | 1.51  | 15.52 | 1023.986 |
| 64.7  | 64.482 | 1.47  | 15.46 | 1000.283 |
| 67.4  | 64.176 | 1.03  | 13.54 | 1104.657 |
| 62.98 | 63.968 | 0.26  | 12.81 | 927.581  |
| 60.62 | 63.96  | 0.47  | 14.11 | 845.812  |
| 64.14 | 63.78  | -0.41 | 11.93 | 965.601  |
| 64.66 | 63.664 | 0.41  | 14.2  | 988.477  |
| 66.5  | 63.866 | -0.19 | 13.08 | 1054.589 |
| 62.4  | 63.966 | 0.93  | 15.02 | 913.358  |
| 61.63 | 63.658 | 0.61  | 13.59 | 887.848  |
| 64.64 | 63.306 | -0.06 | 12.86 | 986.834  |
| 63.12 | 63.99  | 0.96  | 15.14 | 939.475  |
| 64.74 | 65.56  | 0.19  | 13.39 | 992.715  |
| 65.82 | 65.536 | 0.58  | 13.88 | 1035.947 |
| 69.48 | 65.538 | 0.39  | 12.16 | 1185.62  |
| 64.52 | 65.982 | 0.33  | 13.72 | 983.395  |
| 63.13 | 66.172 | 0.32  | 13.05 | 932.759  |
| 66.96 | 65.466 | 0.03  | 12.46 | 1075.956 |
| 66.77 | 65.428 | 0.69  | 13.15 | 1073.46  |
| 65.95 | 65.408 | 0.1   | 12.12 | 1038.92  |
| 64.33 | 65.766 | 0.56  | 14.76 | 980.097  |
| 63.03 | 64.724 | 0.93  | 14.95 | 939.476  |
| 68.75 | 63.97  | 0.73  | 13.44 | 1155.434 |
| 61.56 | 63.518 | 0.51  | 13.89 | 879.141  |
| 62.18 | 63.514 | 0.87  | 15.45 | 899.889  |
| 62.07 | 62.156 | 0.76  | 14.19 | 899.807  |
| 63.01 | 61.47  | -0.26 | 11.55 | 928.368  |
| 61.96 | 61.194 | 1.34  | 15.6  | 901.287  |
| 58.13 | 59.246 | 0.63  | 13.4  | 770.277  |
| 60.8  | 58.762 | 1.82  | 15.88 | 869.888  |
| 52.33 | 59.588 | 1.48  | 14.01 | 613.341  |
| 60.59 | 61.288 | 2.31  | 17.99 | 863.321  |
| 66.09 | 62.32  | 0.77  | 13.85 | 1046.955 |
| 66.63 | 63.868 | 1.68  | 12.87 | 1083.2   |
| 65.96 | 65.05  | 0.45  | 13.97 | 1038.866 |
| 60.07 | 64.672 | 0.87  | 14.58 | 829.817  |
| 66.5  | 63.954 | 0.98  | 13.16 | 1066.973 |
| 64.2  | 63.566 | 0.09  | 12.03 | 974.693  |
| 63.04 | 63.43  | 0.48  | 13.76 | 931.508  |
| 64.02 | 62.254 | 0.5   | 13.17 | 969.586  |
| 59.39 | 61.626 | 0.84  | 13.19 | 812.08   |
| 60.62 | 60.584 | 0.35  | 13.27 | 847.547  |
| 61.06 | 60.296 | 0.78  | 14.34 | 865.483  |
| 57.83 | 60.342 | 0.74  | 12.96 | 761.776  |
| 62.58 | 59.534 | 1.29  | 15.38 | 918.833  |
| 59.62 | 58.252 | 1.31  | 14.88 | 820.451  |
| 56.58 | 59.452 | 0.83  | 12.06 | 725.817  |
| 54.65 | 57.922 | 1.93  | 14.3  | 677.297  |
| 63.83 | 58.478 | 0.71  | 14.06 | 963.072  |
| 54.93 | 59.358 | 1.88  | 14.37 | 680.91   |
| 62.4  | 59.658 | 0.71  | 13.65 | 912.494  |
| 60.98 | 58.094 | 1.15  | 13.87 | 869.631  |
| 56.15 | 59.464 | 1.94  | 15.3  | 723.409  |
| 56.01 | 60.202 | 1.61  | 14.8  | 717.43   |

|       |        |       |       |          |
|-------|--------|-------|-------|----------|
| 61.78 | 61.07  | 1.29  | 14.9  | 898.08   |
| 66.09 | 63.614 | -0.05 | 12.33 | 1040.756 |
| 65.32 | 66.712 | -0.04 | 13.23 | 1009.549 |
| 68.87 | 66.726 | -0.63 | 12.46 | 1144.684 |
| 71.5  | 67.402 | -1.11 | 11.41 | 1255.518 |
| 61.85 | 68.336 | -0.42 | 10.46 | 888.652  |
| 69.47 | 69.036 | -0.84 | 12.23 | 1167.178 |
| 69.99 | 69.576 | -0.9  | 11.45 | 1190.467 |
| 72.37 | 72.14  | -1.23 | 10.76 | 1293.924 |
| 74.2  | 73.154 | -1.47 | 10.65 | 1375.344 |
| 74.67 | 73.604 | -0.71 | 11.32 | 1405.98  |
| 74.54 | 73.46  | -0.7  | 11.31 | 1399.943 |
| 72.24 | 73.402 | -1.02 | 10.74 | 1290.877 |
| 71.65 | 72.394 | -1.24 | 11.67 | 1257.786 |
| 73.91 | 71.846 | -1.21 | 10.27 | 1368.017 |
| 69.63 | 72.254 | -0.96 | 10.7  | 1179.457 |
| 71.8  | 72.536 | -1.16 | 10.28 | 1272.464 |
| 74.28 | 72.79  | -1.56 | 9.21  | 1384.944 |
| 73.06 | 73.536 | -1.4  | 9.42  | 1329.377 |
| 75.18 | 73.678 | -1    | 10.9  | 1427.193 |
| 73.36 | 72.62  | -0.53 | 11.48 | 1346.543 |
| 72.51 | 71.674 | -0.2  | 12.71 | 1307.513 |
| 68.99 | 70.124 | -0.13 | 12.31 | 1157.837 |
| 68.33 | 67.806 | -0.09 | 12.77 | 1128.504 |
| 67.43 | 66.652 | 0.33  | 13.48 | 1094.678 |
| 61.77 | 66.426 | 1.11  | 13.89 | 892.258  |
| 66.74 | 66.256 | 0.5   | 14.43 | 1066.615 |
| 67.86 | 66.02  | -0.01 | 12.97 | 1110.661 |
| 67.48 | 66.216 | -0.36 | 12.22 | 1093.397 |
| 66.25 | 67.126 | -0.38 | 12.02 | 1044.689 |
| 62.75 | 66.906 | -0.03 | 11.8  | 920.991  |
| 71.29 | 66.446 | -0.85 | 11.26 | 1250.148 |
| 66.76 | 66.614 | -0.35 | 11.69 | 1067.661 |
| 65.18 | 66.466 | -0.68 | 11.12 | 1004.103 |
| 67.09 | 65.548 | 0.08  | 11.89 | 1084.754 |
| 62.01 | 64.968 | 0.15  | 12.34 | 894.867  |
| 66.7  | 64.738 | 0.4   | 12.91 | 1070.008 |
| 63.86 | 63.422 | 0.73  | 13.53 | 972.833  |
| 64.03 | 63.528 | 0.28  | 12.93 | 967.369  |
| 60.51 | 62.748 | 0.65  | 12.78 | 847.639  |
| 62.54 | 61.192 | 0.44  | 12.44 | 918.664  |
| 62.8  | 61.81  | 0.39  | 13.51 | 924.968  |
| 56.08 | 63.172 | 1     | 13.09 | 713.444  |
| 67.12 | 63.198 | 0.59  | 13.78 | 1090.704 |
| 67.32 | 62.254 | 0.27  | 12.33 | 1094.029 |
| 62.67 | 63.492 | 0.05  | 12.38 | 915.269  |
| 58.08 | 61.976 | 1.32  | 14.08 | 775.164  |
| 62.27 | 59.566 | 0.93  | 13.07 | 910.14   |
| 59.54 | 60.156 | 0.46  | 12.57 | 813.92   |
| 55.27 | 61.228 | 0.57  | 12.57 | 684.003  |
| 65.62 | 62.186 | 0.25  | 12.76 | 1027.51  |
| 63.44 | 62.524 | 0.59  | 13.42 | 946.162  |
| 67.06 | 65.214 | 0.27  | 12.75 | 1083.721 |
| 61.23 | 65.154 | 1.05  | 14.36 | 877.267  |
| 68.72 | 65.666 | -0.3  | 11.79 | 1146.305 |
| 65.32 | 65.268 | 0.6   | 13.61 | 1018.841 |
| 66    | 64.426 | 0.71  | 14.02 | 1045.126 |
| 65.07 | 64.958 | 0.52  | 12.25 | 1009.245 |

|       |        |       |       |          |
|-------|--------|-------|-------|----------|
| 57.02 | 64.762 | 1.28  | 13.88 | 745.337  |
| 71.38 | 61.87  | 0.02  | 11.51 | 1263.794 |
| 64.34 | 60.576 | 0.09  | 11.96 | 978.81   |
| 51.54 | 61.46  | 1.35  | 12.83 | 591.753  |
| 58.6  | 60.412 | 1.31  | 14.2  | 794.782  |
| 61.44 | 57.978 | 1.69  | 14.81 | 890.778  |
| 66.14 | 60.722 | 0.8   | 13.67 | 1051.318 |
| 52.17 | 59.924 | 1.8   | 13.75 | 612.243  |
| 65.26 | 61.104 | 0.94  | 13.62 | 1019.41  |
| 54.61 | 60.986 | 1.72  | 14.28 | 679.86   |
| 67.34 | 62.68  | 0.17  | 11.9  | 1095.961 |
| 65.55 | 60.778 | 0.05  | 11.2  | 1026.044 |
| 60.64 | 63.008 | 0.76  | 12.88 | 852.266  |
| 55.75 | 62.114 | 1.41  | 14.33 | 708.177  |
| 65.76 | 61.168 | 0.93  | 13.63 | 1037.384 |
| 62.87 | 62.46  | 1.25  | 14.96 | 934.486  |
| 60.82 | 64.558 | 1.5   | 15.13 | 866.135  |
| 67.1  | 64.672 | 0.16  | 13.38 | 1078.651 |
| 66.24 | 64.202 | 0.88  | 14.95 | 1055.114 |
| 66.33 | 65.152 | -0.09 | 12.36 | 1048.469 |
| 60.52 | 66.116 | 0.34  | 14.41 | 839.872  |
| 65.57 | 67.6   | 1.24  | 14.16 | 1032.312 |
| 71.92 | 68.824 | -0.86 | 10.78 | 1278.885 |
| 73.66 | 70.71  | -1.02 | 10.6  | 1356.68  |
| 72.45 | 71.564 | -0.76 | 11.12 | 1302.573 |
| 69.95 | 71.17  | -0.8  | 10.85 | 1194.135 |
| 69.84 | 71.042 | -0.71 | 11.15 | 1189.471 |
| 69.95 | 71.188 | -0.73 | 11.36 | 1192.525 |
| 73.02 | 71.59  | -0.9  | 10.19 | 1330.971 |
| 73.18 | 72.162 | -1.04 | 10.85 | 1332.582 |
| 71.96 | 69.51  | -0.77 | 11.15 | 1280.318 |
| 72.7  | 68.74  | -0.91 | 10.58 | 1314.556 |
| 56.69 | 69.016 | -1.01 | 5.06  | 733.714  |
| 69.17 | 69.094 | -0.35 | 12.61 | 1162.776 |
| 74.56 | 68.722 | -0.73 | 10.24 | 1404.928 |
| 72.35 | 72     | -0.96 | 11.28 | 1295.744 |
| 70.84 | 72.188 | -1.03 | 11.61 | 1228.278 |
| 73.08 | 72.206 | -0.84 | 10.8  | 1332.15  |
| 70.11 | 72.124 | -1    | 12.01 | 1194.496 |
| 74.65 | 72.268 | -0.63 | 11.84 | 1404.008 |
| 71.94 | 72.162 | -0.91 | 10.98 | 1279.734 |
| 71.56 | 72.656 | -0.88 | 11.62 | 1260.079 |
| 72.55 | 72.256 | -1    | 10.88 | 1306.997 |
| 72.58 | 72.83  | -0.72 | 11.12 | 1310.219 |
| 72.65 | 72.826 | -0.74 | 11.17 | 1312.471 |
| 74.81 | 71.816 | -0.46 | 11.59 | 1415.925 |
| 71.54 | 70.832 | -0.16 | 13.1  | 1263.501 |
| 67.5  | 70.432 | 0.54  | 14.12 | 1110.771 |
| 67.66 | 68.248 | 0.14  | 13.69 | 1104.8   |
| 70.65 | 67.618 | 0.09  | 13.13 | 1229.057 |
| 63.89 | 68.19  | 1.55  | 15.97 | 980.466  |
| 68.39 | 67.872 | 0.46  | 12.89 | 1139.684 |
| 70.36 | 68.562 | -0.07 | 12.77 | 1212.362 |
| 66.07 | 68.764 | 0.47  | 14.2  | 1043.903 |
| 74.1  | 69.434 | -0.87 | 11.22 | 1376.974 |
| 64.9  | 69.748 | 0.09  | 14.35 | 993.1    |
| 71.74 | 70.362 | -0.33 | 12.53 | 1270.908 |
| 71.93 | 69.96  | -0.77 | 11.29 | 1280.145 |

|       |        |       |       |          |
|-------|--------|-------|-------|----------|
| 69.14 | 70.286 | -0.19 | 13.3  | 1160.847 |
| 72.09 | 69.852 | -0.31 | 12.58 | 1288.386 |
| 66.53 | 69.736 | 0.83  | 14.64 | 1065.817 |
| 69.57 | 70.556 | -0.09 | 13.19 | 1181.29  |
| 71.35 | 70.246 | 0.43  | 13.61 | 1264.039 |
| 73.24 | 71.884 | 0.08  | 12.23 | 1345.699 |
| 70.54 | 72.448 | 0.73  | 13.7  | 1229.61  |
| 74.72 | 72.18  | 0.42  | 11.33 | 1422.856 |
| 72.39 | 71.414 | 0.06  | 11.59 | 1306.789 |
| 70.01 | 70.582 | 0.27  | 13.12 | 1198.951 |
| 69.41 | 70.216 | -0.98 | 11.72 | 1165.017 |
| 66.38 | 69.696 | -1.37 | 12.52 | 1034.758 |
| 72.89 | 70.21  | -1.03 | 11.24 | 1317.535 |
| 69.79 | 71.218 | -0.77 | 12.83 | 1178.738 |
| 72.58 | 72.108 | -1.2  | 11.5  | 1300.523 |
| 74.45 | 71.644 | -0.92 | 11.75 | 1389.981 |
| 70.83 | 71.578 | -1.2  | 11.25 | 1225.273 |
| 70.57 | 70.114 | -0.85 | 11.44 | 1217.115 |
| 69.46 | 69.196 | -0.52 | 12.41 | 1171.478 |
| 65.26 | 68.818 | -0.08 | 14.01 | 1007.264 |
| 69.86 | 67.532 | -0.3  | 12.74 | 1190.909 |
| 68.94 | 66.722 | -0.14 | 13.33 | 1154.294 |
| 64.14 | 67.398 | -0.05 | 13.24 | 966.235  |
| 65.41 | 66.716 | 0.19  | 14.1  | 1015.43  |
| 68.64 | 66.608 | 0.75  | 13.98 | 1146.164 |
| 66.45 | 66.87  | 0.89  | 14.56 | 1058.45  |
| 68.4  | 67.99  | 0.27  | 13.65 | 1131.608 |
| 65.45 | 68.498 | 0.3   | 14.14 | 1013.199 |
| 71.01 | 69.558 | -1.03 | 10.66 | 1235.374 |
| 71.18 | 69.724 | -0.61 | 11.14 | 1246.213 |
| 71.75 | 70.752 | -1.26 | 9.45  | 1270.686 |
| 69.23 | 70.566 | -1.63 | 10.19 | 1154.921 |
| 70.59 | 70.574 | -1.91 | 9.13  | 1212.47  |
| 70.08 | 70.62  | -1.2  | 9.94  | 1197.309 |
| 71.22 | 70.722 | -1.2  | 9.52  | 1248.419 |
| 71.98 | 71.076 | -1.26 | 9.17  | 1283.237 |
| 69.74 | 71.166 | -0.92 | 9.26  | 1189.861 |
| 72.36 | 71.308 | -1.14 | 9.37  | 1300.114 |
| 70.53 | 71.808 | -1.46 | 9.14  | 1216.604 |
| 71.93 | 72.224 | -1.42 | 8.38  | 1283.164 |
| 74.48 | 72.02  | -1.14 | 9.35  | 1398.783 |
| 71.82 | 72.234 | -0.93 | 10.08 | 1274.985 |
| 71.34 | 72.86  | -1.23 | 10.02 | 1250.412 |
| 71.6  | 72.756 | -1.2  | 10.1  | 1262.513 |
| 75.06 | 73.274 | -1.29 | 9.51  | 1422.696 |
| 73.96 | 73.936 | -1.2  | 9.25  | 1373.522 |
| 74.41 | 74.67  | -1.43 | 8.98  | 1391.901 |
| 74.65 | 74.468 | -1.7  | 8.37  | 1402.943 |
| 75.27 | 74.326 | -1.44 | 9.21  | 1432.122 |
| 74.05 | 73.688 | -1.31 | 9.6   | 1375.447 |
| 73.25 | 72.842 | -0.46 | 11.05 | 1340.71  |
| 71.22 | 72.748 | -1.08 | 9.99  | 1248.126 |
| 70.42 | 73.138 | -0.46 | 11.63 | 1212.899 |
| 74.8  | 73.712 | -1.39 | 9.46  | 1410.282 |
| 76    | 74.664 | -1.49 | 9.17  | 1468.071 |
| 76.12 | 75.814 | -1.46 | 9.37  | 1472.768 |
| 75.98 | 75.83  | -0.94 | 10.31 | 1469.341 |
| 76.17 | 75.534 | -1.09 | 10.38 | 1475.889 |

|       |        |       |       |          |
|-------|--------|-------|-------|----------|
| 74.88 | 75.242 | -0.98 | 10.68 | 1414.185 |
| 74.52 | 75.104 | -0.94 | 10.84 | 1397.095 |
| 74.66 | 75.026 | -0.59 | 11.09 | 1407.745 |
| 75.29 | 75.248 | -0.77 | 11.09 | 1434.849 |
| 75.78 | 75.348 | -0.72 | 11.12 | 1458.833 |
| 75.99 | 74.33  | -0.89 | 10.96 | 1467.624 |
| 75.02 | 74.01  | -0.9  | 11.23 | 1418.663 |
| 69.57 | 72.23  | 0.39  | 13.59 | 1189.62  |
| 73.69 | 70.752 | -0.18 | 11.51 | 1363.466 |
| 66.88 | 69.168 | 0.69  | 14.07 | 1076.232 |
| 68.6  | 68.598 | 0.31  | 13.81 | 1143.03  |
| 67.1  | 67.834 | -0.04 | 13.64 | 1077.269 |
| 66.72 | 67.866 | 0.63  | 14.66 | 1067.752 |
| 69.87 | 67.438 | 0.04  | 13.71 | 1191.963 |
| 67.04 | 67.64  | 0.22  | 13.81 | 1079.054 |
| 66.46 | 68.008 | 1.06  | 14.93 | 1061.988 |
| 68.11 | 68.052 | 0.72  | 13.55 | 1125.162 |
| 68.56 | 69.202 | 0.72  | 13.81 | 1142.619 |
| 70.09 | 70.522 | -0.42 | 10.66 | 1204.037 |
| 72.79 | 70.848 | -0.41 | 10.52 | 1324.186 |
| 73.06 | 70.724 | 0.65  | 9.46  | 1357.349 |
| 69.74 | 70.446 | -1.34 | 9.13  | 1183.675 |
| 67.94 | 69.282 | -1.44 | 8.11  | 1113.366 |
| 68.7  | 67.614 | -1.95 | 8.78  | 1134.556 |
| 66.97 | 66.242 | -1.21 | 7.56  | 1080.794 |
| 64.72 | 65.588 | -0.94 | 7.69  | 996.86   |
| 62.88 | 65.204 | -0.89 | 6.62  | 933.473  |
| 64.67 | 65.072 | -0.79 | 9.03  | 991.373  |
| 66.78 | 64.758 | -0.8  | 8.71  | 1072.761 |
| 66.31 | 65.194 | -1.04 | 6.9   | 1059.505 |
| 63.15 | 65.732 | -0.62 | 8.01  | 939.966  |
| 65.06 | 65.562 | -0.86 | 8.9   | 1004.672 |
| 67.36 | 66.208 | -1.01 | 9.05  | 1091.079 |
| 65.93 | 67.558 | -0.65 | 8.7   | 1041.513 |
| 69.54 | 68.896 | -1.37 | 8.69  | 1177.615 |
| 69.9  | 68.576 | -1.34 | 8.05  | 1197.207 |
| 71.75 | 69.658 | -1.21 | 8.96  | 1274.247 |
| 65.76 | 69.55  | 0.46  | 9.06  | 1041.483 |
| 71.34 | 69.226 | -1.44 | 8.46  | 1255.345 |
| 69    | 68.75  | -1.6  | 9.39  | 1149.499 |
| 68.28 | 69.728 | -1.7  | 9.64  | 1117.237 |
| 69.37 | 69.198 | -1.53 | 9.49  | 1165.097 |
| 70.65 | 69.348 | -1.52 | 9.68  | 1218.145 |
| 68.69 | 68.95  | -1.38 | 10.91 | 1132.326 |
| 69.75 | 67.942 | -0.35 | 11.87 | 1184.177 |
| 66.29 | 66.708 | -0.89 | 10.36 | 1044.917 |
| 64.33 | 66.306 | -1.01 | 9.7   | 972.596  |
| 64.48 | 65.574 | -0.97 | 10.28 | 976.256  |
| 66.68 | 65.574 | -1.31 | 10.32 | 1054.959 |
| 66.09 | 65.676 | -0.67 | 10.65 | 1039.329 |
| 66.29 | 66.108 | -0.71 | 11.1  | 1044.879 |
| 64.84 | 66.226 | -0.77 | 10.96 | 989.023  |
| 66.64 | 66.214 | -0.92 | 10.95 | 1056.364 |
| 67.27 | 65.508 | -0.76 | 11.57 | 1079.99  |
| 66.03 | 64.964 | -0.39 | 12.67 | 1031.702 |
| 62.76 | 63.636 | 0.87  | 14.8  | 918.665  |
| 62.12 | 63.484 | 0.59  | 14.28 | 894.664  |
| 60    | 63.624 | 1.6   | 14.45 | 835.597  |

|       |        |       |       |          |
|-------|--------|-------|-------|----------|
| 66.51 | 64.276 | 0.08  | 12.74 | 1056.55  |
| 66.73 | 64.826 | -0.47 | 12.17 | 1060.306 |
| 66.02 | 66.714 | -0.3  | 12.3  | 1033.445 |
| 64.87 | 67.112 | -0.47 | 12.6  | 987.986  |
| 69.44 | 67.006 | -0.49 | 12.52 | 1168.249 |
| 68.5  | 66.438 | -0.55 | 12.76 | 1128.05  |
| 66.2  | 66.206 | -0.15 | 13.26 | 1040.566 |
| 63.18 | 65.156 | 0.69  | 14.33 | 935.668  |
| 63.71 | 64.924 | 0.13  | 14.35 | 946.754  |
| 64.19 | 64.914 | -0.01 | 13.9  | 964.971  |
| 67.34 | 66.196 | 0.34  | 14.22 | 1087.926 |
| 66.15 | 67.194 | 0.7   | 13.6  | 1045.209 |
| 69.59 | 67.596 | 0.17  | 13.91 | 1176.419 |
| 68.7  | 67.382 | -0.28 | 12.41 | 1139.152 |
| 66.2  | 67.86  | -0.73 | 11.18 | 1040.33  |
| 66.27 | 67.736 | -0.21 | 12.68 | 1042.061 |
| 68.54 | 67.818 | -0.63 | 11.39 | 1133.881 |
| 68.97 | 68.226 | -1.06 | 10.87 | 1148.32  |
| 69.11 | 68.762 | -0.83 | 10.49 | 1158.459 |
| 68.24 | 68.61  | -0.88 | 10.69 | 1121.352 |
| 68.95 | 68.98  | -1.04 | 10.59 | 1149.154 |
| 67.78 | 68.594 | -0.83 | 11.27 | 1101.062 |
| 70.82 | 68.876 | -0.66 | 11.58 | 1227.661 |
| 67.18 | 68.598 | -0.92 | 10.99 | 1076.606 |
| 69.65 | 68.11  | -1.1  | 10.8  | 1176.573 |
| 67.56 | 68.168 | -0.91 | 10.67 | 1092.687 |
| 65.34 | 68.514 | -0.83 | 11.19 | 1006.422 |
| 71.11 | 68.882 | -0.31 | 12.03 | 1242.175 |
| 68.91 | 69.118 | -0.14 | 12.19 | 1150.518 |
| 71.49 | 70.612 | -0.35 | 8.71  | 1279.015 |
| 68.74 | 70.3   | -0.87 | 10.02 | 1145.95  |
| 72.81 | 69.55  | -0.44 | 10.68 | 1324.062 |
| 69.55 | 69.142 | -0.25 | 11.92 | 1178.724 |
| 65.16 | 67.808 | 0.67  | 13.69 | 1008.167 |
| 69.45 | 66.57  | -0.02 | 12.34 | 1174.148 |
| 62.07 | 65.6   | 0.47  | 11.76 | 899.842  |
| 66.62 | 65.326 | 0     | 11.98 | 1062.365 |
| 64.7  | 64.238 | 0.61  | 12.74 | 993.116  |
| 63.79 | 64.988 | 0.75  | 12.27 | 962.9    |
| 64.01 | 64.774 | 0.49  | 11.42 | 972.152  |
| 65.82 | 64.81  | 0.11  | 12.01 | 1032.856 |
| 65.55 | 64.874 | 0.26  | 11.76 | 1024.807 |
| 64.88 | 65.308 | 0.5   | 13.05 | 997.897  |
| 64.11 | 65.548 | 0.74  | 13.17 | 972.629  |
| 66.18 | 65.696 | 0.52  | 12.89 | 1049.134 |
| 67.02 | 65.702 | 0.69  | 12.96 | 1083.3   |
| 66.29 | 64.642 | 0.69  | 12.84 | 1055.012 |
| 64.91 | 58.436 | 1.32  | 13.51 | 1007.155 |
| 58.81 | 57.466 | 2.84  | 12.9  | 814.973  |
| 35.15 | 57.382 | 3.93  | 9.18  | 272.536  |
| 62.17 | 57.914 | 1.77  | 13.59 | 911.393  |
| 65.87 | 59.38  | 0.89  | 13.49 | 1036.786 |
| 67.57 | 66.134 | 0.14  | 12.61 | 1098.973 |
| 66.14 | 67.466 | 0.56  | 13.63 | 1043.669 |
| 68.92 | 67.772 | -0.39 | 12.12 | 1149.318 |
| 68.83 | 67.308 | 0.66  | 13.74 | 1151.056 |
| 67.4  | 67.74  | 0.2   | 13.43 | 1089.27  |
| 65.25 | 67.696 | 0.15  | 12.49 | 1009.928 |

|       |        |       |       |          |
|-------|--------|-------|-------|----------|
| 68.3  | 67.588 | -0.04 | 12.86 | 1126.216 |
| 68.7  | 68.002 | -0.2  | 12.53 | 1140.491 |
| 68.29 | 69.06  | -0.09 | 12.66 | 1125.032 |
| 69.47 | 69.794 | -0.15 | 12.69 | 1173.447 |
| 70.54 | 70.176 | -0.18 | 12.27 | 1219.506 |
| 71.97 | 70.46  | 0.05  | 12.19 | 1285.786 |
| 70.61 | 70.468 | -0.58 | 11.82 | 1220.29  |
| 69.71 | 70.34  | 0.05  | 12.86 | 1185.655 |
| 69.51 | 69.804 | -0.31 | 13.19 | 1172.033 |
| 69.9  | 69.076 | -0.05 | 12.96 | 1192.774 |
| 69.29 | 68.462 | 0.08  | 12.78 | 1170.061 |
| 66.97 | 67.258 | 0.13  | 13.61 | 1072.268 |
| 66.64 | 66.992 | 0.57  | 13.91 | 1064.249 |
| 63.49 | 67.106 | 1.26  | 13.94 | 955.733  |
| 68.57 | 67.43  | 0.06  | 12.94 | 1138.545 |
| 69.86 | 68.222 | -0.13 | 12.58 | 1191.057 |
| 68.59 | 69.268 | 0.05  | 12.82 | 1141.428 |
| 70.6  | 68.958 | 0     | 12.76 | 1223.712 |
| 68.72 | 68.364 | 0.67  | 13.67 | 1151.716 |
| 67.02 | 68.66  | 1.04  | 14.33 | 1085.577 |
| 66.89 | 68.932 | 1.11  | 13.97 | 1082.408 |
| 70.07 | 68.868 | 0.9   | 13.69 | 1211.119 |
| 71.96 | 69.542 | 0.64  | 12.9  | 1293.463 |
| 68.4  | 70.138 | 0.96  | 13.1  | 1144.415 |
| 70.39 | 69.686 | 0.88  | 13.22 | 1225.439 |
| 69.87 | 69.59  | 1.25  | 13.93 | 1206.521 |
| 67.81 | 70.828 | 1.4   | 13.91 | 1123.749 |
| 71.48 | 70.652 | 1.02  | 13.06 | 1274.358 |
| 74.59 | 70.596 | 1.05  | 12.2  | 1422.731 |
| 69.51 | 71.144 | 0.91  | 13.65 | 1184.504 |
| 69.59 | 70.934 | 0.7   | 12.13 | 1192.199 |
| 70.55 | 70.322 | 0.73  | 12.58 | 1231.108 |
| 70.43 | 70.808 | 0.7   | 12.44 | 1226.415 |
| 71.53 | 70.984 | 0.74  | 12.57 | 1274.934 |
| 71.94 | 71.544 | 0.81  | 12.76 | 1292.92  |
| 70.47 | 71.038 | 0.25  | 11.83 | 1223.796 |
| 73.35 | 70.308 | 0.52  | 11.54 | 1358.735 |
| 67.9  | 70.308 | 0.9   | 12.72 | 1122.758 |
| 67.88 | 71.004 | 0.91  | 12.7  | 1122.016 |
| 71.94 | 70.912 | -0.04 | 11.23 | 1288.565 |
| 73.95 | 71.962 | 0.32  | 11.28 | 1383.698 |
| 72.89 | 73.186 | -0.1  | 10.73 | 1330.672 |
| 73.15 | 72.848 | 0.34  | 12.01 | 1342.256 |
| 74    | 72.016 | 0.51  | 11.75 | 1386.549 |
| 70.25 | 71.566 | -0.35 | 11.49 | 1208.006 |
| 69.79 | 71.056 | -0.12 | 11.81 | 1189.852 |
| 70.64 | 70.804 | -0.15 | 11.53 | 1226.147 |
| 70.6  | 71.242 | 0.25  | 12.41 | 1225.758 |
| 72.74 | 72.134 | -0.04 | 11.72 | 1320.399 |
| 72.44 | 72.432 | 0.1   | 12.22 | 1306.626 |
| 74.25 | 72.74  | 0.16  | 11.46 | 1394.462 |
| 72.13 | 72.868 | -0.06 | 11.45 | 1293.089 |
| 72.14 | 73.172 | 0.19  | 11.88 | 1295.268 |
| 73.38 | 73.068 | 0.08  | 11.79 | 1350.068 |
| 73.96 | 73.094 | -0.01 | 11.63 | 1376.468 |
| 73.73 | 72.766 | 0.34  | 12.03 | 1369.638 |
| 72.26 | 71.842 | -0.05 | 11.53 | 1298.074 |
| 70.5  | 71.08  | 0.14  | 11.7  | 1223.082 |

|       |        |       |       |          |
|-------|--------|-------|-------|----------|
| 68.76 | 70.308 | 0.01  | 12.27 | 1145.886 |
| 70.15 | 70.468 | -0.24 | 10.86 | 1206.573 |
| 69.87 | 71.038 | 0.06  | 11.45 | 1195.627 |
| 73.06 | 71.524 | 0.3   | 11.56 | 1339.637 |
| 73.35 | 71.856 | 0.51  | 11.67 | 1355.992 |
| 71.19 | 72.52  | 0.25  | 12.07 | 1252.614 |
| 71.81 | 72.75  | 0.42  | 11.93 | 1283.037 |
| 73.19 | 73.042 | 0.45  | 12.7  | 1341.465 |
| 74.21 | 73.462 | 0.44  | 12.31 | 1390.243 |
| 74.81 | 73.72  | 0.51  | 11.28 | 1424.674 |
| 73.29 | 73.474 | 0.42  | 11.74 | 1349.904 |
| 73.1  | 72.808 | 0.5   | 11.7  | 1342.978 |
| 71.96 | 71.684 | -0.01 | 10    | 1292.99  |
| 70.88 | 70.124 | 0.69  | 11.07 | 1250.439 |
| 69.19 | 68.934 | 1.27  | 11.47 | 1185.778 |
| 65.49 | 67.294 | 0.82  | 10.44 | 1035.206 |
| 67.15 | 66.618 | 0.56  | 10.11 | 1097.856 |
| 63.76 | 65.244 | 0.75  | 10.34 | 969.997  |
| 67.5  | 65.674 | 0.11  | 9.63  | 1108.62  |
| 62.32 | 65.816 | 0.94  | 9.4   | 924.336  |
| 67.64 | 66.8   | 0.44  | 10.49 | 1115.501 |
| 67.86 | 67.156 | -0.01 | 9.72  | 1121.527 |
| 68.68 | 68.556 | 0.24  | 10.66 | 1153.533 |
| 69.28 | 68.38  | 0.59  | 10.52 | 1184.52  |
| 69.32 | 68.082 | 0.56  | 10.37 | 1186.843 |
| 66.76 | 68.054 | 0.68  | 10.94 | 1081.598 |
| 66.37 | 67.814 | 0.48  | 9.81  | 1068.154 |
| 68.54 | 67.276 | 0.17  | 10.52 | 1147.692 |
| 68.08 | 67.888 | 0.52  | 9.48  | 1138.415 |
| 66.63 | 67.9   | 0.08  | 9.51  | 1074.016 |
| 69.82 | 67.514 | -0.11 | 9.73  | 1200.517 |
| 66.43 | 67.3   | -0.28 | 8.73  | 1065.565 |
| 66.61 | 67.146 | -0.1  | 8.94  | 1073.934 |
| 67.01 | 67.572 | -0.14 | 9.25  | 1088.197 |
| 65.86 | 68.46  | -0.45 | 7.99  | 1044.51  |
| 71.95 | 69.652 | -0.05 | 9.95  | 1294.366 |
| 70.87 | 70.812 | 0     | 10.24 | 1245.222 |
| 72.57 | 71.838 | -0.4  | 9.72  | 1317.987 |
| 72.81 | 71.338 | -0.11 | 9.83  | 1333.5   |
| 70.99 | 71.38  | 0.16  | 10.46 | 1251.866 |
| 69.45 | 71.402 | 0.2   | 9.42  | 1191.076 |
| 71.08 | 71.296 | 0.14  | 10.72 | 1255.012 |
| 72.68 | 71.272 | -0.1  | 9.88  | 1327.625 |
| 72.28 | 71.31  | -0.22 | 9.92  | 1306.938 |
| 70.87 | 71.148 | 0.3   | 11.05 | 1245.967 |
| 69.64 | 70.944 | 0.62  | 10.73 | 1199.31  |
| 70.27 | 70.836 | 0.1   | 10.34 | 1220.755 |
| 71.66 | 70.978 | 0.05  | 10.27 | 1281.196 |
| 71.74 | 71.234 | -0.02 | 10.17 | 1283.774 |
| 71.58 | 71.356 | 0.02  | 10.1  | 1277.951 |
| 70.92 | 71.286 | 0.34  | 10.81 | 1249.862 |
| 70.88 | 71.164 | 0.28  | 10.66 | 1247.718 |
| 71.31 | 71.032 | 0.53  | 10.16 | 1272.159 |
| 71.13 | 71.008 | 0.25  | 10.4  | 1258.501 |
| 70.92 | 71.088 | 0.14  | 10.02 | 1250.191 |
| 70.8  | 71.016 | 0.36  | 10.17 | 1246.745 |
| 71.28 | 71.18  | -0.21 | 9.65  | 1263.507 |
| 70.95 | 70.786 | 0.04  | 10.21 | 1249.938 |



|       |          |       |       |          |
|-------|----------|-------|-------|----------|
| 71.95 | 70.368   | -0.17 | 9.56  | 1293.66  |
| 68.95 | 69.638   | 0.73  | 11.49 | 1167.06  |
| 68.71 | 69.438   | 1.89  | 12.61 | 1161.023 |
| 67.63 | 68.664   | 1.07  | 11.51 | 1114.814 |
| 69.95 | 69.016   | 0.9   | 11.26 | 1210.258 |
| 68.08 | 69.264   | 1.05  | 11.94 | 1131.619 |
| 70.71 | 69.524   | 0.9   | 11.71 | 1242.181 |
| 69.95 | 69.564   | 0.91  | 11.93 | 1209.428 |
| 68.93 | 69.852   | 1.72  | 13.01 | 1165.2   |
| 70.15 | 69.684   | 0.93  | 11.73 | 1216.357 |
| 69.52 | 69.598   | 1.24  | 12.47 | 1188.912 |
| 69.87 | 69.708   | 2     | 13.1  | 1210.406 |
| 69.52 | 69.828   | 0.92  | 11.63 | 1192.155 |
| 69.48 | 70.386   | 1.34  | 12.28 | 1194.159 |
| 70.75 | 70.704   | 1.5   | 12.64 | 1246.768 |
| 72.31 | 70.98    | 0.41  | 11    | 1311.383 |
| 71.46 | 71.51    | 1.05  | 12.02 | 1276.357 |
| 70.9  | 71.238   | 0.45  | 11.66 | 1246.724 |
| 72.13 | 71.078   | 0.57  | 11.09 | 1306.156 |
| 69.39 | 71.422   | 1.96  | 12.71 | 1199.204 |
| 71.51 | 71.68    | 0.6   | 11.8  | 1274.876 |
| 73.18 | 71.538   | 0.88  | 11.69 | 1355.485 |
| 72.19 | 71.838   | 1.16  | 12.34 | 1310.401 |
| 71.42 | 71.998   | 0.68  | 11.15 | 1274.452 |
| 70.89 | 71.84    | 1.25  | 12.31 | 1255.026 |
| 72.31 | 72.32    | 0.99  | 12.11 | 1316.921 |
| 72.39 | 73.256   | 0.72  | 11.27 | 1317.83  |
| 74.59 | 74.176   | 1.08  | 10.9  | 1428.613 |
| 76.1  | 74.392   | 0.9   | 10.41 | 1502.014 |
| 75.49 | 74.408   | 0.88  | 10.69 | 1471.278 |
| 73.39 | 72.812   | 1.24  | 10.94 | 1376.092 |
| 72.47 | 71.68    | 1.8   | 11.44 | 1340.03  |
| 66.61 | 70.44    | 2.15  | 12.87 | 1089.967 |
| 70.44 | 70.418   | 2.02  | 11.49 | 1253.495 |
| 69.29 | 71.04    | 2.28  | 12.04 | 1205.919 |
| 73.28 | 73.056   | 1.91  | 11.4  | 1378.708 |
| 75.58 | 73.284   | 1.41  | 10.46 | 1484.561 |
| 76.69 | 73.94    | 1.43  | 9.46  | 1543.488 |
| 71.58 | 73.75    | 0.64  | 10.18 | 1286.853 |
| 72.57 | 72.694   | 0.78  | 9.79  | 1334.149 |
| 72.33 | 71.522   | 0.54  | 9.95  | 1319.724 |
| 70.3  | 71.928   | 1.72  | 11.87 | 1238.056 |
| 70.83 | 72.448   | 2.02  | 11.89 | 1267.912 |
| 73.61 | 73.018   | 1.32  | 10.69 | 1389.79  |
| 75.17 | 74.32    | 1.33  | 10.43 | 1466.067 |
| 75.18 | 75.258   | 1.64  | 11.99 | 1461.91  |
| 76.81 | 75.576   | 1.34  | 11.47 | 1539.481 |
| 75.52 | 75.086   | 1.27  | 11.43 | 1474.233 |
| 75.2  | 74.288   | 1.36  | 12.04 | 1457.371 |
| 72.72 | 72.672   | 1     | 10.79 | 1339.863 |
| 71.19 | 72.154   | 2.82  | 14.39 | 1283.049 |
| 68.73 | 70.286   | 2.35  | 13.44 | 1183.15  |
| 72.93 | 69.872   | 2.05  | 11.91 | 1367.337 |
| 65.86 | 69.5425  | 2.06  | 9.26  | 1075.163 |
| 70.65 | 69.81333 | 2.51  | 12.41 | 1267.848 |

700 nm  
 (na) / (jas) \* 100%  
 )

|         |          |         |
|---------|----------|---------|
| žlutá   | oranžová | červená |
| 560-580 | 580-620  | 630-700 |

klouzávký průměr  
 5-bodový 50-bodový

| žlutá | oranžová | červená  | červená  | červená  | 5 minus 50 | 1-May    |
|-------|----------|----------|----------|----------|------------|----------|
|       |          | 30.29661 | 30.70441 | 30.25445 | 0.449955   | -0.4078  |
|       |          | 30.9043  | 31.16488 | 30.30125 | 0.863628   | -0.26058 |
|       |          | 30.91231 | 30.71226 | 30.3109  | 0.401365   | 0.200051 |
|       |          | 32.54628 | 30.41245 | 30.32099 | 0.091458   | 2.133834 |
|       |          | 28.9018  | 29.9115  | 30.41935 | -0.50785   | -1.0097  |
|       |          | 28.79755 | 29.67704 | 30.43188 | -0.75484   | -0.87949 |
|       |          | 28.39955 | 29.08399 | 30.47159 | -1.3876    | -0.68444 |
|       |          | 29.74001 | 29.14927 | 30.47428 | -1.32501   | 0.590742 |
|       |          | 29.58104 | 29.1577  | 30.51502 | -1.35732   | 0.423341 |
|       |          | 29.22818 | 29.46196 | 30.61552 | -1.15356   | -0.23377 |
|       |          | 28.83972 | 29.55556 | 30.61529 | -1.05973   | -0.71584 |
|       |          | 29.92084 | 29.59982 | 30.56315 | -0.96333   | 0.321017 |
|       |          | 30.20801 | 29.76083 | 30.519   | -0.75817   | 0.447178 |
|       |          | 29.80235 | 30.22572 | 30.48526 | -0.25954   | -0.42337 |
|       |          | 30.03324 | 30.35403 | 30.45476 | -0.10073   | -0.32078 |
|       |          | 31.16416 | 30.27712 | 30.43999 | -0.16287   | 0.887045 |
|       |          | 30.56236 | 30.3337  | 30.42101 | -0.08732   | 0.228668 |
|       |          | 29.82347 | 30.11325 | 30.3955  | -0.28225   | -0.28978 |
|       |          | 30.08524 | 30.12652 | 30.3781  | -0.25159   | -0.04128 |
|       |          | 28.93101 | 30.86941 | 30.42054 | 0.448868   | -1.9384  |
|       |          | 31.23051 | 31.11198 | 30.47128 | 0.640705   | 0.118525 |
|       |          | 34.27683 | 31.12463 | 30.49744 | 0.627193   | 3.152198 |
|       |          | 31.03632 | 31.56894 | 30.51098 | 1.057958   | -0.53261 |

2.  
 vyhlazená t

5-bodový kl  
 jas  
 837.2463

|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| 30.14847 | 31.34144 | 30.51179 | 0.829657 | -1.19297 |
| 31.15255 | 30.78966 | 30.50325 | 0.286413 | 0.362884 |
| 30.09305 | 30.69668 | 30.49337 | 0.20331  | -0.60363 |
| 31.51792 | 30.78771 | 30.48733 | 0.300383 | 0.730213 |
| 30.5714  | 31.21155 | 30.4935  | 0.718044 | -0.64015 |
| 30.60363 | 31.35451 | 30.46021 | 0.894305 | -0.75088 |
| 33.27174 | 31.39144 | 30.4996  | 0.891831 | 1.880304 |
| 30.80786 | 31.38923 | 30.52045 | 0.868774 | -0.58136 |
| 31.70255 | 31.64037 | 30.55485 | 1.085521 | 0.062174 |
| 30.56035 | 31.79252 | 30.58064 | 1.211884 | -1.23218 |
| 31.85937 | 31.75239 | 30.60347 | 1.148913 | 0.106985 |
| 34.03249 | 31.14915 | 30.62979 | 0.519357 | 2.883341 |
| 30.60718 | 30.81416 | 30.66174 | 0.152421 | -0.20697 |
| 28.68634 | 30.28293 | 30.70501 | -0.42207 | -1.59659 |
| 28.88539 | 29.32943 | 30.72399 | -1.39456 | -0.44404 |
| 29.20327 | 29.17787 | 30.77605 | -1.59817 | 0.025393 |
| 29.26495 | 29.36918 | 30.80218 | -1.43299 | -0.10423 |
| 29.84941 | 29.45691 | 30.78007 | -1.32316 | 0.392492 |
| 29.64291 | 29.54225 | 30.77258 | -1.23032 | 0.100655 |
| 29.32404 | 30.14683 | 30.7679  | -0.62106 | -0.82279 |
| 29.62996 | 30.72781 | 30.73864 | -0.01083 | -1.09785 |
| 32.28786 | 31.13939 | 30.73579 | 0.403597 | 1.148474 |
| 32.75429 | 31.50406 | 30.68157 | 0.822489 | 1.250231 |
| 31.70078 | 31.6882  | 30.55241 | 1.135798 | 0.012573 |
| 31.14742 | 31.24763 | 30.49359 | 0.754039 | -0.10021 |
| 30.55067 | 30.65727 | 30.4598  | 0.197475 | -0.1066  |
| 30.08497 | 30.43756 | 30.40374 | 0.033817 | -0.35259 |
| 29.80253 | 30.45232 | 30.3757  | 0.076618 | -0.64979 |
| 30.60221 | 30.51845 | 30.32394 | 0.194504 | 0.083759 |
| 31.22121 | 30.6758  | 30.30114 | 0.374661 | 0.545407 |
| 30.88132 | 30.68327 | 30.28304 | 0.400224 | 0.198052 |
| 30.87173 | 30.58675 | 30.22503 | 0.361719 | 0.284981 |
| 29.83987 | 30.54838 | 30.21303 | 0.335356 | -0.70851 |
| 30.11964 | 30.51668 | 30.19151 | 0.325164 | -0.39704 |
| 31.02935 | 30.45113 | 30.19439 | 0.256733 | 0.578228 |
| 30.7228  | 30.57055 | 30.16576 | 0.404784 | 0.152254 |
| 30.54397 | 30.96349 | 30.08382 | 0.879668 | -0.41952 |
| 30.43697 | 30.98905 | 30.07958 | 0.909471 | -0.55208 |
| 32.08435 | 31.32554 | 30.12628 | 1.199266 | 0.758803 |
| 31.15716 | 31.48468 | 30.16113 | 1.323546 | -0.32752 |
| 32.40527 | 31.40909 | 30.18981 | 1.219284 | 0.996179 |
| 31.33965 | 31.02975 | 30.26524 | 0.764511 | 0.309903 |
| 30.05904 | 30.71619 | 30.27508 | 0.441113 | -0.65715 |
| 30.18763 | 29.95966 | 30.30213 | -0.34248 | 0.227971 |
| 29.58935 | 29.44939 | 30.30035 | -0.85097 | 0.139966 |
| 28.62261 | 29.14152 | 30.28692 | -1.1454  | -0.51891 |
| 28.7883  | 28.6677  | 30.22454 | -1.55684 | 0.120605 |
| 28.5197  | 28.3689  | 30.15215 | -1.78325 | 0.150796 |
| 27.81853 | 28.3362  | 30.08585 | -1.74965 | -0.51767 |
| 28.09536 | 28.24848 | 30.03449 | -1.78602 | -0.15311 |
| 28.4591  | 28.28272 | 29.99612 | -1.7134  | 0.176386 |
| 28.3497  | 28.50503 | 29.96397 | -1.45894 | -0.15533 |
| 28.69089 | 28.77218 | 29.94727 | -1.17509 | -0.08129 |
| 28.93009 | 29.02014 | 29.91414 | -0.89401 | -0.09005 |
| 29.43114 | 29.42446 | 29.86526 | -0.4408  | 0.006685 |
| 29.69886 | 29.72778 | 29.82074 | -0.09296 | -0.02892 |
| 30.3713  | 30.06715 | 29.77421 | 0.292936 | 0.304154 |
| 30.2075  | 30.32178 | 29.75667 | 0.565107 | -0.11428 |

|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| 30.62693 | 30.46757 | 29.73535 | 0.732212 | 0.159363 |
| 30.70429 | 30.38038 | 29.69388 | 0.686507 | 0.323908 |
| 30.4278  | 30.41789 | 29.65823 | 0.759669 | 0.009908 |
| 29.93539 | 30.49677 | 29.64205 | 0.854717 | -0.56138 |
| 30.39506 | 30.48156 | 29.64079 | 0.840768 | -0.0865  |
| 31.02131 | 30.52342 | 29.57324 | 0.950181 | 0.497884 |
| 30.62823 | 31.14363 | 29.52092 | 1.622714 | -0.5154  |
| 30.63712 | 31.13288 | 29.45686 | 1.676018 | -0.49576 |
| 33.03645 | 31.12775 | 29.41876 | 1.708989 | 1.908702 |
| 30.34129 | 30.84912 | 29.4501  | 1.399016 | -0.50783 |
| 30.99564 | 30.51336 | 29.4643  | 1.04906  | 0.482281 |
| 29.23509 | 29.7398  | 29.4787  | 0.261095 | -0.5047  |
| 28.95834 | 29.49852 | 29.51292 | -0.01439 | -0.54019 |
| 29.16863 | 28.97651 | 29.52704 | -0.55053 | 0.192126 |
| 29.13491 | 28.84545 | 29.5569  | -0.71145 | 0.289462 |
| 28.38555 | 28.78018 | 29.57508 | -0.7949  | -0.39463 |
| 28.57982 | 28.64198 | 29.59601 | -0.95404 | -0.06216 |
| 28.632   | 28.60853 | 29.6119  | -1.00337 | 0.023473 |
| 28.4776  | 28.72056 | 29.64533 | -0.92477 | -0.24296 |
| 28.96767 | 28.75995 | 29.67428 | -0.91433 | 0.207717 |
| 28.94571 | 28.76461 | 29.72422 | -0.95961 | 0.181101 |
| 28.77677 | 28.7782  | 29.77161 | -0.99341 | -0.00143 |
| 28.6553  | 28.77722 | 29.7797  | -1.00247 | -0.12192 |
| 28.54553 | 28.79884 | 29.79447 | -0.99564 | -0.2533  |
| 28.9628  | 28.83459 | 29.79046 | -0.95587 | 0.12821  |
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| 30.30947 | 30.53221 | 29.60149 | 0.930723 | -0.22275 |
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| 31.42697 | 30.69808 | 29.88611 | 0.811967 | 0.728893 |
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| 33.02122 | 32.40445 | 30.68535 | 1.719106 | 0.616769 |
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| 30.26036 | 30.52673 | 29.96996 | 0.556777 | -0.26638 |
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| 30.67342 | 30.84974 | 30.40666 | 0.443075 | -0.17632 |
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| 29.09233 | 30.01838 | 29.89636 | 0.12202  | -0.92605 |



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| 30.3574  | 30.15923 | 29.92286 | 0.236366 | 0.198177 |
| 29.83252 | 30.30981 | 29.96087 | 0.348935 | -0.47729 |
| 31.83455 | 30.67373 | 29.99727 | 0.676456 | 1.160816 |
| 30.43224 | 30.55896 | 29.98416 | 0.574797 | -0.12672 |
| 30.91194 | 30.77954 | 29.98571 | 0.793834 | 0.132402 |
| 29.78355 | 30.32849 | 29.95976 | 0.368734 | -0.54494 |
| 30.93542 | 30.12237 | 29.93507 | 0.187296 | 0.813051 |
| 29.57931 | 29.96064 | 29.90497 | 0.05567  | -0.38133 |
| 29.40161 | 29.80699 | 29.88656 | -0.07957 | -0.40538 |
| 30.10332 | 29.41641 | 29.87009 | -0.45368 | 0.686906 |
| 29.01528 | 29.23693 | 29.84769 | -0.61076 | -0.22164 |
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| 28.69153 | 28.91426 | 29.6641  | -0.74984 | -0.22272 |
| 28.97112 | 28.97283 | 29.60451 | -0.63168 | -0.00171 |
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| 31.06097 | 30.04846 | 29.35401 | 0.694449 | 1.012518 |
| 29.96669 | 30.3811  | 29.28403 | 1.097076 | -0.41441 |
| 30.56206 | 30.69019 | 29.25827 | 1.431917 | -0.12813 |
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| 31.22323 | 30.93439 | 29.14112 | 1.793274 | 0.288833 |
| 30.89331 | 30.91897 | 29.11912 | 1.799851 | -0.02566 |
| 31.35538 | 30.93682 | 29.08808 | 1.84874  | 0.418561 |
| 30.48494 | 30.37926 | 29.05716 | 1.322095 | 0.105679 |
| 30.72723 | 29.97176 | 29.00289 | 0.968871 | 0.75547  |
| 28.43544 | 29.27612 | 28.95163 | 0.324486 | -0.84068 |
| 28.85582 | 28.77835 | 28.88735 | -0.109   | 0.077471 |
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| 27.99611 | 28.04532 | 28.79683 | -0.75151 | -0.0492  |
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| 28.15505 | 27.86953 | 28.7549  | -0.88537 | 0.285524 |
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| 27.96047 | 27.83704 | 28.72323 | -0.8862  | 0.123435 |
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| 27.87738 | 27.75298 | 28.8564  | -1.10342 | 0.124407 |
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| 27.68842 | 27.86436 | 28.87554 | -1.01118 | -0.17594 |
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| 28.41737 | 28.15503 | 28.75505 | -0.60002 | 0.262334 |
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| 27.7011  | 28.02955 | 28.76159 | -0.73204 | -0.32845 |
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| 27.61548 | 27.8299  | 28.93032 | -1.10041 | -0.21442 |
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| 29.96184 | 29.9664  | 30.53379 | -0.56739 | -0.00456 |
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| 31.5237  | 31.12607 | 30.23566 | 0.89041  | 0.397622 |
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| 30.73078 | 31.04649 | 30.19382 | 0.852667 | -0.3157  |
| 31.34633 | 31.06157 | 30.18235 | 0.879215 | 0.284757 |
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| 30.18967 | 30.3398  | 30.15876 | 0.181048 | -0.15013 |
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| 30.27529 | 30.15722 | 30.14455 | 0.012672 | 0.118071 |
| 30.32601 | 30.04779 | 30.12511 | -0.07732 | 0.278215 |
| 29.70266 | 30.14336 | 30.11073 | 0.032631 | -0.4407  |
| 29.72964 | 30.22515 | 30.09078 | 0.134371 | -0.49551 |
| 30.68319 | 30.04173 | 30.06531 | -0.02358 | 0.641464 |
| 30.68423 | 29.9926  | 30.02054 | -0.02794 | 0.691636 |
| 29.40892 | 29.85464 | 30.01182 | -0.15719 | -0.44572 |
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| 29.22254 | 29.47916 | 29.92432 | -0.44516 | -0.25663 |
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| 29.82514 | 29.5351  | 29.84107 | -0.30597 | 0.290037 |
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| 29.90924 | 29.69626 | 29.45913 | 0.237137 | 0.212977 |
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| 29.43628 | 29.66322 | 29.42456 | 0.238661 | -0.22694 |
| 29.58781 | 29.44737 | 29.40756 | 0.039811 | 0.140434 |
| 29.64144 | 29.43967 | 29.40323 | 0.036449 | 0.201764 |
| 28.83    | 29.62566 | 29.38402 | 0.241648 | -0.79566 |
| 29.70285 | 29.68504 | 29.37469 | 0.310345 | 0.01781  |
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| 28.95365 | 29.47468 | 29.32452 | 0.150166 | -0.52103 |
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| 29.58633 | 29.47617 | 29.30526 | 0.170914 | 0.110159 |
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| 29.31518 | 29.39105 | 29.29367 | 0.097373 | -0.07586 |
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| 29.02322 | 28.97845 | 29.27249 | -0.29404 | 0.044767 |
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| 28.71025 | 28.92223 | 29.5438  | -0.62157 | -0.21198 |
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|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| 28.65537 | 29.39805 | 29.6114  | -0.21335 | -0.74268 |
| 29.92837 | 29.67024 | 29.64238 | 0.02786  | 0.25813  |
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| 30.0712  | 30.12735 | 29.67304 | 0.454305 | -0.05614 |
| 29.78431 | 30.13458 | 29.69672 | 0.437863 | -0.35027 |
| 30.20548 | 30.02936 | 29.72315 | 0.306209 | 0.176121 |
| 29.96455 | 30.13201 | 29.75363 | 0.378385 | -0.16746 |
| 30.12126 | 30.15506 | 29.81341 | 0.341645 | -0.03379 |
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| 30.87989 | 30.33052 | 29.94947 | 0.38105  | 0.549365 |
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| 29.4679  | 30.11925 | 29.96242 | 0.156826 | -0.65135 |
| 30.17439 | 29.93851 | 29.99778 | -0.05928 | 0.23589  |
| 29.82031 | 30.07986 | 30.03188 | 0.04798  | -0.25955 |
| 29.67203 | 30.17373 | 30.04741 | 0.126322 | -0.5017  |
| 31.26466 | 30.14121 | 30.06082 | 0.08039  | 1.12345  |
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| 30.37475 | 30.13372 | 30.12956 | 0.004162 | 0.241031 |
| 29.75899 | 30.21427 | 30.16237 | 0.051899 | -0.45528 |
| 30.58582 | 30.16048 | 30.17649 | -0.01601 | 0.42534  |
| 30.34001 | 30.05735 | 30.24952 | -0.19217 | 0.282662 |
| 29.74283 | 30.01734 | 30.30044 | -0.28311 | -0.2745  |
| 29.8591  | 29.84148 | 30.31193 | -0.47044 | 0.017618 |
| 29.55891 | 29.7995  | 30.32466 | -0.52516 | -0.24059 |
| 29.70655 | 29.99583 | 30.36439 | -0.36857 | -0.28927 |
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| 30.72446 | 30.71402 | 30.37603 | 0.337992 | 0.010437 |
| 31.93133 | 31.08052 | 30.38145 | 0.699064 | 0.850816 |
| 31.07767 | 31.18731 | 30.37704 | 0.810269 | -0.10964 |
| 31.53902 | 31.02394 | 30.38765 | 0.636291 | 0.515074 |
| 30.66407 | 30.52994 | 30.39073 | 0.139209 | 0.134129 |
| 29.90763 | 30.2019  | 30.37936 | -0.17745 | -0.29427 |
| 29.46132 | 29.76057 | 30.38731 | -0.62674 | -0.29924 |
| 29.43747 | 29.47822 | 30.38271 | -0.9045  | -0.04074 |
| 29.33233 | 29.65065 | 30.37833 | -0.72769 | -0.31831 |
| 29.25233 | 29.98328 | 30.40168 | -0.4184  | -0.73095 |
| 30.76977 | 30.12563 | 30.40766 | -0.28203 | 0.644143 |
| 31.12448 | 30.25545 | 30.42353 | -0.16808 | 0.869029 |
| 30.14923 | 30.52349 | 30.44441 | 0.079077 | -0.37426 |
| 29.98144 | 30.39239 | 30.42097 | -0.02858 | -0.41095 |
| 30.59251 | 30.1837  | 30.4352  | -0.2515  | 0.408815 |
| 30.1143  | 30.22403 | 30.44803 | -0.224   | -0.10972 |
| 30.081   | 30.17872 | 30.45032 | -0.2716  | -0.09772 |
| 30.35089 | 30.52162 | 30.47262 | 0.049001 | -0.17074 |
| 29.75491 | 30.99365 | 30.46885 | 0.524796 | -1.23874 |
| 32.30703 | 31.22176 | 30.47329 | 0.748467 | 1.085269 |
| 32.47441 | 31.29314 | 30.49938 | 0.793764 | 1.181267 |
| 31.22156 | 31.69636 | 30.52309 | 1.173268 | -0.4748  |
| 30.70781 | 31.5437  | 30.56018 | 0.983518 | -0.83589 |
| 31.771   | 31.23346 | 30.59432 | 0.639135 | 0.537543 |

křivka (odfiltrování vysokých frekvencí)

klouzávkový průměr

fialová modrá zelená žlutá oranžová červená

10.55726

3.

vyhlazená křivka (odfiltrování vysokých frekvencí)

50-bodový klouzávkový průměr

jas fialová

883.8151 10.55726





























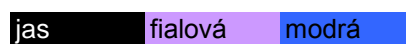
rování vysokých a středních frekvencí)

ůměr



4.

rozdíl 3. a 2. nebo 3. a 1. (odfiltrov































ání nízkých frekvencí)

**zelená**   **žlutá**   **oranžová**   **červená**