

Contribution from Dr Jitka Rychtarikova

| vik | qx          | px          | lx          | dx          | Lx_1        | Tx          | ex          |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 0   | 0.022583066 | 0.977416934 | 100000      | 2258.306624 | 97922.35791 | 6613055.074 | 66.13055074 |
| 1   | 0.00133254  | 0.99866746  | 97741.69338 | 130.2447452 | 97676.571   | 6515132.716 | 66.65663844 |
| 2   | 0.000830208 | 0.999169792 | 97611.44863 | 81.0377927  | 97570.92973 | 6417456.145 | 65.74491246 |
| 3   | 0.000790201 | 0.999209799 | 97530.41084 | 77.06867306 | 97491.8765  | 6319885.215 | 64.7991243  |
| 4   | 0.000591083 | 0.999408917 | 97453.34217 | 57.60298502 | 97424.54067 | 6222393.339 | 63.84997375 |
| 5   | 0.000567785 | 0.999432215 | 97395.73918 | 55.29982821 | 97368.08927 | 6124968.798 | 62.88744097 |
| 6   | 0.000506098 | 0.999493902 | 97340.43935 | 49.26381287 | 97315.80745 | 6027600.709 | 61.92288374 |
| 7   | 0.000473685 | 0.999526315 | 97291.17554 | 46.08540123 | 97268.13284 | 5930284.901 | 60.95398548 |
| 8   | 0.000469747 | 0.999530253 | 97245.09014 | 45.68062876 | 97222.24982 | 5833016.769 | 59.98263522 |
| 9   | 0.000447114 | 0.999552886 | 97199.40951 | 43.45924983 | 97177.67988 | 5735794.519 | 59.01059016 |
| 10  | 0.000460217 | 0.999539783 | 97155.95026 | 44.7127719  | 97133.59387 | 5638616.839 | 58.03676279 |
| 11  | 0.000429889 | 0.999570111 | 97111.23749 | 41.7470492  | 97090.36396 | 5541483.245 | 57.06325435 |
| 12  | 0.000444734 | 0.999555266 | 97069.49044 | 43.17007771 | 97047.9054  | 5444392.881 | 56.08758073 |
| 13  | 0.000449907 | 0.999550093 | 97026.32036 | 43.65286651 | 97004.49393 | 5347344.976 | 55.1123134  |
| 14  | 0.00055009  | 0.99944991  | 96982.66749 | 53.34923345 | 96955.99288 | 5250340.482 | 54.13689495 |
| 15  | 0.000704026 | 0.999295974 | 96929.31826 | 68.24074814 | 96895.19789 | 5153384.489 | 53.16641633 |
| 16  | 0.001006018 | 0.998993982 | 96861.07751 | 97.44396518 | 96812.35553 | 5056489.291 | 52.20352097 |
| 17  | 0.00125554  | 0.99874446  | 96763.63355 | 121.4905782 | 96702.88826 | 4959676.935 | 51.25558801 |
| 18  | 0.001608747 | 0.998391253 | 96642.14297 | 155.4727355 | 96564.4066  | 4862974.047 | 50.31939377 |
| 19  | 0.00176007  | 0.99823993  | 96486.67023 | 169.8233012 | 96401.75858 | 4766409.641 | 49.39966971 |
| 20  | 0.001783399 | 0.998216601 | 96316.84693 | 171.7714116 | 96230.96123 | 4670007.882 | 48.4858883  |
| 21  | 0.00170095  | 0.99829905  | 96145.07552 | 163.5379922 | 96063.30652 | 4573776.921 | 47.5716192  |
| 22  | 0.001710894 | 0.998289106 | 95981.53753 | 164.2142649 | 95899.4304  | 4477713.614 | 46.65182211 |
| 23  | 0.001723751 | 0.998276249 | 95817.32326 | 165.1651938 | 95734.74067 | 4381814.184 | 45.73091832 |
| 24  | 0.001804778 | 0.998195222 | 95652.15807 | 172.6309519 | 95565.84259 | 4286079.443 | 44.80901973 |
| 25  | 0.001814334 | 0.998185666 | 95479.52712 | 173.2317954 | 95392.91122 | 4190513.601 | 43.88913233 |
| 26  | 0.001762344 | 0.998237656 | 95306.29532 | 167.9624454 | 95222.3141  | 4095120.689 | 42.96799782 |
| 27  | 0.001705285 | 0.998294715 | 95138.33288 | 162.238019  | 95057.21387 | 3999898.375 | 42.04297316 |
| 28  | 0.001718181 | 0.998281819 | 94976.09486 | 163.1860795 | 94894.50182 | 3904841.161 | 41.1139368  |
| 29  | 0.001785893 | 0.998214107 | 94812.90878 | 169.3257318 | 94728.24591 | 3809946.66  | 40.18383898 |
| 30  | 0.001934506 | 0.998065494 | 94643.58305 | 183.0885652 | 94552.03876 | 3715218.414 | 39.25483687 |
| 31  | 0.002127855 | 0.997872145 | 94460.49448 | 200.9982328 | 94359.99537 | 3620666.375 | 38.32995365 |
| 32  | 0.002279884 | 0.997720116 | 94259.49625 | 214.9007241 | 94152.04589 | 3526306.38  | 37.41062195 |
| 33  | 0.002287093 | 0.997712907 | 94044.59552 | 215.088696  | 93937.05118 | 3432154.334 | 36.49496619 |
| 34  | 0.002352151 | 0.997647849 | 93829.50683 | 220.7011263 | 93719.15627 | 3338217.283 | 35.57747872 |
| 35  | 0.002424794 | 0.997575206 | 93608.8057  | 226.9820272 | 93495.31469 | 3244498.126 | 34.66018076 |
| 36  | 0.002621795 | 0.997378205 | 93381.82368 | 244.8280001 | 93259.40968 | 3151002.812 | 33.74321348 |
| 37  | 0.002847393 | 0.997152607 | 93136.99568 | 265.1976055 | 93004.39687 | 3057743.402 | 32.83059948 |
| 38  | 0.003008463 | 0.996991537 | 92871.79807 | 279.4013332 | 92732.0974  | 2964739.005 | 31.92292027 |
| 39  | 0.003141797 | 0.996858203 | 92592.39674 | 290.9065571 | 92446.94346 | 2872006.908 | 31.01774021 |
| 40  | 0.003439    | 0.996561    | 92301.49018 | 317.4247981 | 92142.77778 | 2779559.964 | 30.11392296 |
| 41  | 0.003776696 | 0.996223304 | 91984.06538 | 347.3958944 | 91810.36743 | 2687417.186 | 29.21611667 |
| 42  | 0.004171424 | 0.995828576 | 91636.66949 | 382.2554225 | 91445.54178 | 2595606.819 | 28.32497987 |
| 43  | 0.0045774   | 0.9954226   | 91254.41406 | 417.7079263 | 91045.5601  | 2504161.277 | 27.44153587 |
| 44  | 0.005117564 | 0.994882436 | 90836.70614 | 464.8626892 | 90604.27479 | 2413115.717 | 26.56542514 |
| 45  | 0.005685623 | 0.994314377 | 90371.84345 | 513.8202399 | 90114.93333 | 2322511.442 | 25.69950278 |
| 46  | 0.00637207  | 0.99362793  | 89858.02321 | 572.5816566 | 89571.73238 | 2232396.509 | 24.84359692 |
| 47  | 0.006917053 | 0.993082947 | 89285.44155 | 617.5921131 | 88976.6455  | 2142824.777 | 23.99971081 |
| 48  | 0.00800558  | 0.99199442  | 88667.84944 | 709.8375671 | 88312.93066 | 2053848.131 | 23.16339174 |
| 49  | 0.008815473 | 0.991184527 | 87958.01187 | 775.3915111 | 87570.31612 | 1965535.2   | 22.34628954 |
| 50  | 0.009735663 | 0.990264337 | 87182.62036 | 848.7806352 | 86758.23004 | 1877964.884 | 21.54058775 |
| 51  | 0.010780772 | 0.989219228 | 86333.83973 | 930.7454529 | 85868.467   | 1791206.654 | 20.74744573 |
| 52  | 0.011457227 | 0.988542773 | 85403.09427 | 978.4825977 | 84913.85297 | 1705338.187 | 19.96810773 |
| 53  | 0.012112326 | 0.987887674 | 84424.61168 | 1022.578443 | 83913.32245 | 1620424.334 | 19.19374341 |
| 54  | 0.013517301 | 0.986482699 | 83402.03323 | 1127.370423 | 82838.34802 | 1536511.012 | 18.42294429 |
| 55  | 0.014561045 | 0.985438955 | 82274.66281 | 1198.005036 | 81675.66029 | 1453672.664 | 17.66853384 |
| 56  | 0.016157307 | 0.983842693 | 81076.65777 | 1309.980453 | 80421.66755 | 1371997.004 | 16.92221955 |
| 57  | 0.018050787 | 0.981949213 | 79766.67732 | 1439.851263 | 79046.75169 | 1291575.336 | 16.19191596 |
| 58  | 0.020009425 | 0.979990575 | 78326.82606 | 1567.274721 | 77543.1887  | 1212528.584 | 15.48037429 |
| 59  | 0.022150454 | 0.977849546 | 76759.55134 | 1700.258932 | 75909.42187 | 1134985.396 | 14.78624322 |
| 60  | 0.024874371 | 0.975125629 | 75059.2924  | 1867.052716 | 74125.76605 | 1059075.974 | 14.10985822 |
| 61  | 0.02792465  | 0.97207535  | 73192.23969 | 2043.867652 | 72170.30586 | 984950.2077 | 13.45703058 |
| 62  | 0.030733849 | 0.969266151 | 71148.37204 | 2186.66335  | 70055.04036 | 912779.9018 | 12.82924508 |
| 63  | 0.033841    | 0.966159    | 68961.70869 | 2333.733204 | 67794.84208 | 842724.8614 | 12.22018534 |
| 64  | 0.037469503 | 0.962530497 | 66627.97548 | 2496.517137 | 65379.71691 | 774930.0193 | 11.63070037 |
| 65  | 0.041491379 | 0.958508621 | 64131.45835 | 2660.902617 | 62801.00704 | 709550.3024 | 11.06399762 |
| 66  | 0.046127998 | 0.953872002 | 61470.55573 | 2835.513666 | 60052.7989  | 646749.2954 | 10.52128597 |
| 67  | 0.050458099 | 0.949541901 | 58635.04206 | 2958.612748 | 57155.73569 | 586696.4965 | 10.0059022  |
| 68  | 0.055657969 | 0.944342031 | 55676.42931 | 3098.837001 | 54127.01081 | 529540.7608 | 9.511040261 |
| 69  | 0.060805801 | 0.939194199 | 52577.59231 | 3197.022628 | 50979.081   | 475413.75   | 9.042136185 |
| 70  | 0.06627633  | 0.93372367  | 49380.56969 | 3272.762935 | 47744.18822 | 424434.669  | 8.595175627 |
| 71  | 0.071898074 | 0.928101926 | 46107.80675 | 3315.062511 | 44450.27549 | 376690.4808 | 8.169776602 |
| 72  | 0.076220282 | 0.923779718 | 42792.74424 | 3261.675021 | 41161.90673 | 332240.2053 | 7.763937817 |
| 73  | 0.082389913 | 0.917610087 | 39531.06922 | 3256.961351 | 37902.58854 | 291078.2986 | 7.36327917  |
| 74  | 0.089570788 | 0.910429212 | 36274.10787 | 3249.100411 | 34649.55766 | 253175.71   | 6.979515828 |
| 75  | 0.096899216 | 0.903100784 | 33025.00746 | 3200.097341 | 31424.95879 | 218526.1524 | 6.61699025  |
| 76  | 0.10423777  | 0.89576223  | 29824.91011 | 3108.88211  | 28270.46906 | 187101.1936 | 6.273319613 |
| 77  | 0.112329468 | 0.887670532 | 26716.028   | 3000.9972   | 25215.5294  | 158830.7245 | 5.945147403 |
| 78  | 0.120176248 | 0.879823752 | 23715.0308  | 2849.983421 | 22290.03909 | 133615.1951 | 5.634198674 |

|     |             |             |             |             |             |             |             |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 79  | 0.129074943 | 0.870925057 | 20865.04738 | 2693.154796 | 19518.46999 | 111325.156  | 5.335485416 |
| 80  | 0.138269067 | 0.861730933 | 18171.89259 | 2512.610626 | 16915.58727 | 91806.68602 | 5.052125726 |
| 81  | 0.14794217  | 0.85205783  | 15659.28196 | 2316.668148 | 14500.94789 | 74891.09875 | 4.782537215 |
| 82  | 0.158126092 | 0.841873908 | 13342.61381 | 2109.815379 | 12287.70612 | 60390.15086 | 4.526110978 |
| 83  | 0.168839671 | 0.831160329 | 11232.79844 | 1896.541991 | 10284.52744 | 48102.44474 | 4.282320654 |
| 84  | 0.180101341 | 0.819898659 | 9336.256444 | 1681.472307 | 8495.52029  | 37817.9173  | 4.050651085 |
| 85  | 0.191928949 | 0.808071051 | 7654.784137 | 1469.174673 | 6920.1968   | 29322.39701 | 3.830597504 |
| 86  | 0.204339541 | 0.795660459 | 6185.609464 | 1263.964597 | 5553.627166 | 22402.20021 | 3.621664177 |
| 87  | 0.217349131 | 0.782650869 | 4921.644867 | 1069.715234 | 4386.78725  | 16848.57304 | 3.423362208 |
| 88  | 0.23097244  | 0.76902756  | 3851.929633 | 889.6895859 | 3407.08484  | 12461.78579 | 3.235205982 |
| 89  | 0.24522261  | 0.75477739  | 2962.240047 | 726.4082354 | 2599.03593  | 9054.70095  | 3.056707358 |
| 90  | 0.26011089  | 0.73988911  | 2235.831812 | 581.5642025 | 1945.049711 | 6455.66502  | 2.887366118 |
| 91  | 0.275646298 | 0.724353702 | 1654.267609 | 455.992743  | 1426.271238 | 4510.615309 | 2.726653949 |
| 92  | 0.291835256 | 0.708164744 | 1198.274866 | 349.6988519 | 1023.42544  | 3084.344071 | 2.573987119 |
| 93  | 0.308681195 | 0.691318805 | 848.5760145 | 261.9394583 | 717.6062853 | 2060.918631 | 2.428678864 |
| 94  | 0.32618415  | 0.67381585  | 586.6365562 | 191.3515467 | 490.9607828 | 1343.312346 | 2.289854479 |
| 95  | 0.344340323 | 0.655659677 | 395.2850095 | 136.112568  | 327.2287255 | 852.3515627 | 2.156296197 |
| 96  | 0.363141638 | 0.636858362 | 259.1724415 | 94.11630491 | 212.1142891 | 525.1228372 | 2.026152295 |
| 97  | 0.382575285 | 0.617424715 | 165.0561366 | 63.14639855 | 133.4829374 | 313.0085481 | 1.896376314 |
| 98  | 0.402623267 | 0.597376733 | 101.9097381 | 41.03123166 | 81.39412226 | 179.5256107 | 1.761613896 |
| 99  | 0.423261945 | 0.576738055 | 60.87850643 | 25.76755503 | 47.99472891 | 98.13148846 | 1.61192339  |
| 100 | 0.444461612 | 0.555538388 | 35.11095139 | 15.60547007 | 27.30821636 | 50.13675955 | 1.427952179 |
| 101 | 0.466186092 | 0.533813908 | 19.50548133 | 9.093184104 | 14.95888928 | 22.82854319 | 1.17036554  |
| 102 | 0.488392381 | 0.511607619 | 10.41229722 | 5.085286628 | 7.86965391  | 7.86965391  | 0.75580381  |
| 103 | 0.51103036  | 0.48896964  | 5.327010596 | 5.327010596 | 0           | 0           | 0           |

| vik | qx          | px          | lx          | dx          | Lx_1        | Tx          | ex          |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 0   | 0.017279786 | 0.982720214 | 100000      | 1727.978605 | 98410.25968 | 7302422.266 | 73.02422266 |
| 1   | 0.001097142 | 0.998902858 | 98272.0214  | 107.818368  | 98218.11221 | 7204012.006 | 73.30684669 |
| 2   | 0.000626581 | 0.999373419 | 98164.20303 | 61.50780081 | 98133.44913 | 7105793.894 | 72.38681388 |
| 3   | 0.000483121 | 0.999516879 | 98102.69523 | 47.39546751 | 98078.99749 | 7007660.445 | 71.43188501 |
| 4   | 0.000429521 | 0.999570479 | 98055.29976 | 42.11677105 | 98034.24137 | 6909581.447 | 70.46617026 |
| 5   | 0.000415325 | 0.999584675 | 98013.18299 | 40.7073377  | 97992.82932 | 6811547.206 | 69.49623508 |
| 6   | 0.000368348 | 0.999631652 | 97972.47565 | 36.08801169 | 97954.43164 | 6713554.377 | 68.52490286 |
| 7   | 0.000292784 | 0.999707216 | 97936.38764 | 28.67421159 | 97922.05053 | 6615599.945 | 67.54996896 |
| 8   | 0.00024259  | 0.99975741  | 97907.71343 | 23.75144962 | 97895.8377  | 6517677.894 | 66.56960587 |
| 9   | 0.000231051 | 0.999768949 | 97883.96198 | 22.61616322 | 97872.6539  | 6419782.057 | 65.5856376  |
| 10  | 0.000250953 | 0.999749047 | 97861.34581 | 24.55861753 | 97849.06651 | 6321909.403 | 64.60067916 |
| 11  | 0.000278267 | 0.999721733 | 97836.7872  | 27.22470711 | 97823.17484 | 6224060.336 | 63.61676947 |
| 12  | 0.000303497 | 0.999696503 | 97809.56249 | 29.68488793 | 97794.72005 | 6126237.161 | 62.63433764 |
| 13  | 0.000298858 | 0.999701142 | 97779.8776  | 29.22226447 | 97765.26647 | 6028442.441 | 61.65320094 |
| 14  | 0.000292631 | 0.999707369 | 97750.65534 | 28.60482939 | 97736.35292 | 5930677.175 | 60.6714825  |
| 15  | 0.00040972  | 0.99959028  | 97722.05051 | 40.03869393 | 97702.03116 | 5832940.822 | 59.68909567 |
| 16  | 0.000488612 | 0.999511388 | 97682.01181 | 47.72863105 | 97658.1475  | 5735238.791 | 58.71335658 |
| 17  | 0.000599274 | 0.999400726 | 97634.28318 | 58.50968567 | 97605.02834 | 5637580.643 | 57.74181424 |
| 18  | 0.000646941 | 0.999353059 | 97575.7735  | 63.12575538 | 97544.21062 | 5539975.615 | 56.77613834 |
| 19  | 0.000641282 | 0.999358718 | 97512.64774 | 62.5330633  | 97481.38121 | 5442431.404 | 55.81256925 |
| 20  | 0.000594304 | 0.999405696 | 97450.11468 | 57.91500157 | 97421.15718 | 5344950.023 | 54.84806294 |
| 21  | 0.000575635 | 0.999424365 | 97392.19968 | 56.06232648 | 97364.16851 | 5247528.866 | 53.88038142 |
| 22  | 0.000510197 | 0.999489803 | 97336.13735 | 49.66064818 | 97311.30703 | 5150164.698 | 52.91112672 |
| 23  | 0.000513767 | 0.999486233 | 97286.4767  | 49.98253893 | 97261.48543 | 5052853.39  | 51.93788039 |
| 24  | 0.00054445  | 0.99945555  | 97236.49416 | 52.94038199 | 97210.02397 | 4955591.905 | 50.96432104 |
| 25  | 0.000584824 | 0.999415176 | 97183.55378 | 56.83527439 | 97155.13614 | 4858381.881 | 49.99181129 |
| 26  | 0.000608878 | 0.999391122 | 97126.71851 | 59.13835944 | 97097.14933 | 4761226.745 | 49.02077223 |
| 27  | 0.000629058 | 0.999370942 | 97067.58015 | 61.06117896 | 97037.04956 | 4664129.596 | 48.05033347 |
| 28  | 0.000636935 | 0.999363065 | 97006.51897 | 61.7868723  | 96975.62553 | 4567092.546 | 47.08026424 |
| 29  | 0.000701565 | 0.999298435 | 96944.7321  | 68.01304859 | 96910.72557 | 4470116.921 | 46.10995176 |
| 30  | 0.000833691 | 0.999166309 | 96876.71905 | 80.76525391 | 96836.33642 | 4373206.195 | 45.14197258 |
| 31  | 0.000950576 | 0.999049424 | 96795.95379 | 92.01187014 | 96749.94786 | 4276369.859 | 44.17922125 |
| 32  | 0.000921816 | 0.999078184 | 96703.94192 | 89.14320036 | 96659.37032 | 4179619.911 | 43.22078115 |
| 33  | 0.000862078 | 0.999137922 | 96614.79872 | 83.28950653 | 96573.15397 | 4082960.54  | 42.26019817 |
| 34  | 0.000886449 | 0.999113551 | 96531.50922 | 85.5702704  | 96488.72408 | 3986387.386 | 41.29622979 |
| 35  | 0.001052874 | 0.998947126 | 96445.93895 | 101.5454306 | 96395.16623 | 3889898.662 | 40.33242566 |
| 36  | 0.001294705 | 0.998705295 | 96344.39352 | 124.7375655 | 96282.02473 | 3793503.496 | 39.37440839 |
| 37  | 0.001454974 | 0.998545026 | 96219.65595 | 139.9970656 | 96149.65742 | 3697221.471 | 38.42480453 |
| 38  | 0.001465605 | 0.998534395 | 96079.65888 | 140.8148246 | 96009.25147 | 3601071.814 | 37.48006452 |
| 39  | 0.001499131 | 0.998500869 | 95938.84406 | 143.8249375 | 95866.93159 | 3505062.562 | 36.53434223 |
| 40  | 0.001515792 | 0.998484208 | 95795.01912 | 145.2052861 | 95722.41648 | 3409195.631 | 35.58844355 |
| 41  | 0.001641544 | 0.998358456 | 95649.81384 | 157.013369  | 95571.30715 | 3313473.214 | 34.64171107 |
| 42  | 0.001924946 | 0.998075054 | 95492.80047 | 183.8184886 | 95400.89122 | 3217901.907 | 33.69784834 |
| 43  | 0.002206528 | 0.997793472 | 95308.98198 | 210.3019612 | 95203.831   | 3122501.016 | 32.76187565 |
| 44  | 0.002551847 | 0.997448153 | 95098.68002 | 242.6773124 | 94977.34136 | 3027297.185 | 31.83321981 |
| 45  | 0.002894848 | 0.997105152 | 94856.00271 | 274.5937314 | 94718.70584 | 2932319.844 | 30.91338197 |
| 46  | 0.003205949 | 0.996794051 | 94581.40897 | 303.2231394 | 94429.7974  | 2837601.138 | 30.0016797  |
| 47  | 0.003354721 | 0.996645279 | 94278.18583 | 316.2770133 | 94120.04733 | 2743171.34  | 29.09656477 |
| 48  | 0.003811228 | 0.996188772 | 93961.90882 | 358.1102993 | 93782.85367 | 2649051.293 | 28.19282118 |
| 49  | 0.00435586  | 0.99564414  | 93603.79852 | 407.7250056 | 93399.93602 | 2555268.439 | 27.29876864 |
| 50  | 0.00496106  | 0.99503894  | 93196.07352 | 462.3512834 | 92964.89787 | 2461868.503 | 26.416011   |
| 51  | 0.00542103  | 0.99457897  | 92733.72223 | 502.7122697 | 92482.3661  | 2368903.606 | 25.54522291 |
| 52  | 0.005520871 | 0.994479129 | 92231.00996 | 509.1955175 | 91976.4122  | 2276421.239 | 24.68173384 |
| 53  | 0.005876913 | 0.994123087 | 91721.81445 | 539.041113  | 91452.29389 | 2184444.827 | 23.81597922 |
| 54  | 0.006486772 | 0.993513228 | 91182.77333 | 591.481875  | 90887.03239 | 2092992.533 | 22.95381525 |
| 55  | 0.007121316 | 0.992878684 | 90591.29146 | 645.1292455 | 90268.72683 | 2002105.501 | 22.10041902 |
| 56  | 0.007963151 | 0.992036849 | 89946.16221 | 716.2548335 | 89588.0348  | 1911836.774 | 21.25534572 |
| 57  | 0.008538854 | 0.991461146 | 89229.90738 | 761.9211933 | 88848.94678 | 1822248.739 | 20.42195036 |
| 58  | 0.009071766 | 0.990928234 | 88467.98618 | 802.5608783 | 88066.70575 | 1733399.793 | 19.59352606 |
| 59  | 0.010530274 | 0.989469726 | 87665.42531 | 923.1409311 | 87203.85484 | 1645333.087 | 18.76832378 |
| 60  | 0.011758992 | 0.988241008 | 86742.28438 | 1020.001799 | 86232.28348 | 1558129.232 | 17.96274151 |
| 61  | 0.013200786 | 0.986799214 | 85722.28258 | 1131.601522 | 85156.48182 | 1471896.948 | 17.17052911 |
| 62  | 0.014634569 | 0.985365431 | 84590.68105 | 1237.948153 | 83971.70698 | 1386740.467 | 16.39353708 |
| 63  | 0.016391886 | 0.983608114 | 83352.7329  | 1366.308528 | 82669.57864 | 1302768.76  | 15.62958663 |
| 64  | 0.018227734 | 0.981772266 | 81986.42437 | 1494.426706 | 81239.21102 | 1220099.181 | 14.88172207 |
| 65  | 0.020085507 | 0.979914493 | 80491.99767 | 1616.722592 | 79683.63637 | 1138859.97  | 14.14873532 |
| 66  | 0.022483489 | 0.977516511 | 78875.27508 | 1773.391401 | 77988.57938 | 1059176.334 | 13.42849623 |
| 67  | 0.024912806 | 0.975087194 | 77101.88368 | 1920.824281 | 76141.47153 | 981187.7543 | 12.7258597  |
| 68  | 0.028028556 | 0.971971444 | 75181.05939 | 2107.216522 | 74127.45113 | 905046.2827 | 12.03822199 |
| 69  | 0.032532003 | 0.967467997 | 73073.84287 | 2377.238484 | 71885.22363 | 830918.8316 | 11.37094751 |
| 70  | 0.036912563 | 0.963087437 | 70696.60439 | 2609.592844 | 69391.80797 | 759033.608  | 10.73649314 |
| 71  | 0.041177341 | 0.958822659 | 68087.01155 | 2803.642119 | 66685.19049 | 689641.8    | 10.12883051 |
| 72  | 0.045225077 | 0.954774923 | 65283.36943 | 2952.445397 | 63807.14673 | 622956.6095 | 9.542347691 |
| 73  | 0.050057895 | 0.949942105 | 62330.92403 | 3120.154837 | 60770.84661 | 559149.4628 | 8.97065897  |
| 74  | 0.057135259 | 0.942864741 | 59210.76919 | 3383.022652 | 57519.25787 | 498378.6162 | 8.417026547 |
| 75  | 0.064512065 | 0.935487935 | 55827.74654 | 3601.563221 | 54026.96493 | 440859.3583 | 7.896778674 |
| 76  | 0.072825787 | 0.927174213 | 52226.18332 | 3803.41292  | 50324.47686 | 386832.3934 | 7.406866992 |
| 77  | 0.079379076 | 0.920620924 | 48422.7704  | 3843.754771 | 46500.89301 | 336507.9165 | 6.949373481 |
| 78  | 0.087205503 | 0.912794497 | 44579.01563 | 3887.53548  | 42635.24789 | 290007.0235 | 6.505460459 |

|     |             |             |             |             |             |             |             |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 79  | 0.09576731  | 0.90423269  | 40691.48015 | 3896.913603 | 38743.02335 | 247371.7756 | 6.079203182 |
| 80  | 0.105900224 | 0.894099776 | 36794.56654 | 3896.552857 | 34846.29012 | 208628.7523 | 5.670096752 |
| 81  | 0.116537407 | 0.883462593 | 32898.01369 | 3833.849219 | 30981.08908 | 173782.4621 | 5.282460631 |
| 82  | 0.12741006  | 0.87258994  | 29064.16447 | 3703.066929 | 27212.631   | 142801.3731 | 4.913314237 |
| 83  | 0.140399452 | 0.859600548 | 25361.09754 | 3560.684195 | 23580.75544 | 115588.7421 | 4.557718446 |
| 84  | 0.154215768 | 0.845784232 | 21800.41334 | 3361.967478 | 20119.42961 | 92007.98662 | 4.220469822 |
| 85  | 0.172258756 | 0.827741244 | 18438.44587 | 3176.183742 | 16850.354   | 71888.55701 | 3.898840365 |
| 86  | 0.189236033 | 0.810763967 | 15262.26212 | 2888.169933 | 13818.17716 | 55038.20302 | 3.606162872 |
| 87  | 0.207809487 | 0.792190513 | 12374.09219 | 2571.453746 | 11088.36532 | 41220.02586 | 3.331155548 |
| 88  | 0.227902218 | 0.772097782 | 9802.638446 | 2234.043047 | 8685.616922 | 30131.66054 | 3.073831674 |
| 89  | 0.249580955 | 0.750419045 | 7568.595398 | 1888.977271 | 6624.106763 | 21446.04362 | 2.833556623 |
| 90  | 0.272902255 | 0.727097745 | 5679.618127 | 1549.980592 | 4904.627831 | 14821.93686 | 2.609671377 |
| 91  | 0.297908979 | 0.702091021 | 4129.637535 | 1230.256101 | 3514.509485 | 9917.309025 | 2.401496243 |
| 92  | 0.324626288 | 0.675373712 | 2899.381434 | 941.2154318 | 2428.773718 | 6402.79954  | 2.208332945 |
| 93  | 0.35305717  | 0.64694283  | 1958.166002 | 691.3445479 | 1612.493728 | 3974.025822 | 2.029463191 |
| 94  | 0.383177599 | 0.616822401 | 1266.821454 | 485.4176034 | 1024.112653 | 2361.532094 | 1.864139644 |
| 95  | 0.414931432 | 0.585068568 | 781.4038509 | 324.2290185 | 619.2893416 | 1337.419442 | 1.711559829 |
| 96  | 0.448225258 | 0.551774742 | 457.1748323 | 204.9173072 | 354.7161787 | 718.1301001 | 1.570799723 |
| 97  | 0.482923471 | 0.517076529 | 252.2575251 | 121.8210797 | 191.3469852 | 363.4139214 | 1.440646503 |
| 98  | 0.518843925 | 0.481156075 | 130.4364454 | 67.67615731 | 96.59836674 | 172.0669361 | 1.319163027 |
| 99  | 0.555754642 | 0.444245358 | 62.76028808 | 34.8793214  | 45.32062738 | 75.4685694  | 1.202489213 |
| 100 | 0.593372113 | 0.406627887 | 27.88096668 | 16.54378812 | 19.60907262 | 30.14794202 | 1.081309065 |
| 101 | 0.631361815 | 0.368638185 | 11.33717856 | 7.157861635 | 7.758247742 | 10.5388694  | 0.929584847 |
| 102 | 0.669341565 | 0.330658435 | 4.179316925 | 2.797390532 | 2.780621659 | 2.780621659 | 0.665329217 |
| 103 | 0.706888337 | 0.293111663 | 1.381926393 | 1.381926393 | 0           | 0           | 0           |