

Contribution from Dr Jitka Rychtarikova

| vik | qx          | px          | lx          | dx          | Lx_1        | Tx          | ex          |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 0   | 0.033407181 | 0.966592819 | 100000      | 3340.718067 | 96926.53938 | 6572267.136 | 65.72267136 |
| 1   | 0.003067939 | 0.996932061 | 96659.28193 | 296.5447565 | 96511.00955 | 6475340.597 | 66.99139976 |
| 2   | 0.00172379  | 0.99827621  | 96362.73718 | 166.1091344 | 96279.68261 | 6378829.587 | 66.19601906 |
| 3   | 0.001266441 | 0.998733559 | 96196.62804 | 121.8273877 | 96135.71435 | 6282549.904 | 65.30946076 |
| 4   | 0.000808554 | 0.999191446 | 96074.80065 | 77.68162362 | 96035.95984 | 6186414.19  | 64.39164222 |
| 5   | 0.000648256 | 0.999351744 | 95997.11903 | 62.23072438 | 95966.00367 | 6090378.23  | 63.44334384 |
| 6   | 0.00057301  | 0.99942699  | 95934.88831 | 54.97164184 | 95907.40249 | 5994412.227 | 62.48417372 |
| 7   | 0.000539288 | 0.999460712 | 95879.91666 | 51.70685368 | 95854.06324 | 5898504.824 | 61.51971163 |
| 8   | 0.000527009 | 0.999472991 | 95828.20981 | 50.50232611 | 95802.95865 | 5802650.761 | 60.55263656 |
| 9   | 0.000519254 | 0.999480746 | 95777.70748 | 49.73296655 | 95752.841   | 5706847.802 | 59.58430153 |
| 10  | 0.000534099 | 0.999465901 | 95727.97452 | 51.12824678 | 95702.41039 | 5611094.961 | 58.61499723 |
| 11  | 0.000512856 | 0.999487144 | 95676.84627 | 49.06841426 | 95652.31206 | 5515392.551 | 57.646053   |
| 12  | 0.000556375 | 0.999443625 | 95627.77786 | 53.20492923 | 95601.17539 | 5419740.239 | 56.67537571 |
| 13  | 0.000526514 | 0.999473486 | 95574.57293 | 50.32134078 | 95549.41226 | 5324139.063 | 55.7066477  |
| 14  | 0.000613439 | 0.999386561 | 95524.25159 | 58.59831641 | 95494.95243 | 5228589.651 | 54.73573008 |
| 15  | 0.000794178 | 0.999205822 | 95465.65327 | 75.81676268 | 95427.74489 | 5133094.699 | 53.76902082 |
| 16  | 0.001196387 | 0.998803613 | 95389.83651 | 114.1231292 | 95332.77494 | 5037666.954 | 52.81135956 |
| 17  | 0.001506171 | 0.998493829 | 95275.71338 | 143.5015489 | 95203.9626  | 4942334.179 | 51.87401913 |
| 18  | 0.001717071 | 0.998282929 | 95132.21183 | 163.3487166 | 95050.53747 | 4847130.216 | 50.95151393 |
| 19  | 0.001781477 | 0.998218523 | 94968.86311 | 169.1848018 | 94884.27071 | 4752079.679 | 50.03829174 |
| 20  | 0.001815875 | 0.998184125 | 94799.67831 | 172.144353  | 94713.60613 | 4657195.408 | 49.12670054 |
| 21  | 0.001772903 | 0.998227097 | 94627.53396 | 167.7654341 | 94543.65124 | 4562481.802 | 48.21516118 |
| 22  | 0.00180299  | 0.99819701  | 94459.76852 | 170.3100349 | 94374.61351 | 4467938.151 | 47.29990577 |
| 23  | 0.001830802 | 0.998169198 | 94289.45849 | 172.6253606 | 94203.14581 | 4373563.537 | 46.38443796 |
| 24  | 0.001783376 | 0.998216624 | 94116.83313 | 167.8457291 | 94032.91026 | 4279360.391 | 45.46859737 |
| 25  | 0.001722797 | 0.998277203 | 93948.9874  | 161.8550217 | 93868.05989 | 4185327.481 | 44.54893658 |
| 26  | 0.001654857 | 0.998345143 | 93787.13238 | 155.2042623 | 93709.53025 | 4091459.421 | 43.62495491 |
| 27  | 0.001569375 | 0.998430625 | 93631.92812 | 146.9436451 | 93558.45629 | 3997749.891 | 42.69643883 |
| 28  | 0.001623585 | 0.998376415 | 93484.98447 | 151.7807844 | 93409.09408 | 3904191.435 | 41.76276497 |
| 29  | 0.001723708 | 0.998276292 | 93333.20369 | 160.8792343 | 93252.76407 | 3810782.341 | 40.82986751 |
| 30  | 0.001862318 | 0.998137682 | 93172.32445 | 173.5165219 | 93085.56619 | 3717529.577 | 39.89950448 |
| 31  | 0.001893565 | 0.998106435 | 92998.80793 | 176.0993309 | 92910.75826 | 3624444.01  | 38.9730158  |
| 32  | 0.002114333 | 0.997885667 | 92822.7086  | 196.2581056 | 92724.57955 | 3531533.252 | 38.04600518 |
| 33  | 0.002221789 | 0.997778211 | 92626.45049 | 205.796466  | 92523.55226 | 3438808.673 | 37.12555813 |
| 34  | 0.002317709 | 0.997682291 | 92420.65403 | 214.2041657 | 92313.55194 | 3346285.12  | 36.20711361 |
| 35  | 0.002380154 | 0.997619846 | 92206.44986 | 219.4655514 | 92096.71709 | 3253971.568 | 35.29006456 |
| 36  | 0.002370546 | 0.997629454 | 91986.98431 | 218.059357  | 91877.95463 | 3161874.851 | 34.37306783 |
| 37  | 0.002340246 | 0.997659754 | 91768.92495 | 214.7618221 | 91661.54404 | 3069996.897 | 33.45355629 |
| 38  | 0.002551308 | 0.997448692 | 91554.16313 | 233.5828677 | 91437.3717  | 2978335.353 | 32.53085661 |
| 39  | 0.002748897 | 0.997251103 | 91320.58026 | 251.0308477 | 91195.06484 | 2886897.981 | 31.61278622 |
| 40  | 0.002944033 | 0.997055967 | 91069.54942 | 268.1117335 | 90935.49355 | 2795702.916 | 30.6985478  |
| 41  | 0.003334161 | 0.996665839 | 90801.43768 | 302.7465736 | 90650.0644  | 2704767.423 | 29.78771583 |
| 42  | 0.003798999 | 0.996201001 | 90498.69111 | 343.8044303 | 90326.78889 | 2614117.358 | 28.88569245 |
| 43  | 0.00415639  | 0.99584361  | 90154.88668 | 374.7188898 | 89967.52723 | 2523790.569 | 27.9939409  |
| 44  | 0.004532074 | 0.995467926 | 89780.16779 | 406.8903702 | 89576.7226  | 2433823.042 | 27.1086934  |
| 45  | 0.005033141 | 0.994966859 | 89373.27742 | 449.8282807 | 89148.36328 | 2344246.319 | 26.22983499 |
| 46  | 0.005506201 | 0.994493799 | 88923.44914 | 489.6304094 | 88678.63393 | 2255097.956 | 25.35999197 |
| 47  | 0.006099838 | 0.993900162 | 88433.81873 | 539.4319439 | 88164.10276 | 2166419.322 | 24.49763397 |
| 48  | 0.007162803 | 0.992837197 | 87894.38678 | 629.5701561 | 87579.60171 | 2078255.219 | 23.64491403 |
| 49  | 0.008039837 | 0.991960163 | 87264.81663 | 701.5949045 | 86914.01918 | 1990675.618 | 22.81189252 |
| 50  | 0.008939267 | 0.991060733 | 86563.22172 | 773.8117326 | 86176.31586 | 1903761.599 | 21.99273041 |
| 51  | 0.00985562  | 0.99014438  | 85789.40999 | 845.5078256 | 85366.65608 | 1817585.283 | 21.18659264 |
| 52  | 0.010829222 | 0.989170778 | 84943.90217 | 919.8763693 | 84483.96398 | 1732218.627 | 20.3925012  |
| 53  | 0.011768741 | 0.988231259 | 84024.0258  | 988.8570001 | 83529.5973  | 1647734.663 | 19.61027988 |
| 54  | 0.013336691 | 0.986663309 | 83035.1688  | 1107.414424 | 82481.46158 | 1564205.065 | 18.83786217 |
| 55  | 0.015308674 | 0.984691326 | 81927.75437 | 1254.205295 | 81300.65172 | 1481723.604 | 18.08573438 |
| 56  | 0.017392483 | 0.982607517 | 80673.54908 | 1403.113291 | 79971.99243 | 1400422.952 | 17.35913404 |
| 57  | 0.019187527 | 0.980812473 | 79270.43579 | 1521.00364  | 78509.93396 | 1320450.96  | 16.65754637 |
| 58  | 0.02123107  | 0.97876893  | 77749.43214 | 1650.703617 | 76924.08034 | 1241941.026 | 15.97363468 |
| 59  | 0.022818519 | 0.977181481 | 76098.72853 | 1736.460286 | 75230.49839 | 1165016.945 | 15.30928266 |
| 60  | 0.024510471 | 0.975489529 | 74362.26824 | 1822.654216 | 73450.94113 | 1089786.447 | 14.65509959 |
| 61  | 0.026389486 | 0.973610514 | 72539.61403 | 1914.283158 | 71582.47245 | 1016335.506 | 14.01076528 |
| 62  | 0.028658319 | 0.971341681 | 70625.33087 | 2024.003297 | 69613.32922 | 944753.0333 | 13.37697143 |
| 63  | 0.030895985 | 0.969104015 | 68601.32757 | 2119.505582 | 67541.57478 | 875139.7041 | 12.75689167 |
| 64  | 0.034338546 | 0.965661454 | 66481.82199 | 2282.889097 | 65340.37744 | 807598.1293 | 12.14765338 |
| 65  | 0.038183137 | 0.961816863 | 64198.93289 | 2451.316664 | 62973.27456 | 742257.7519 | 11.5618394  |
| 66  | 0.042323494 | 0.957676506 | 61747.61623 | 2613.374847 | 60440.92881 | 679284.4773 | 11.00098301 |
| 67  | 0.046827875 | 0.953172125 | 59134.24138 | 2769.130853 | 57749.67596 | 618843.5485 | 10.46506278 |
| 68  | 0.050664602 | 0.949335398 | 56365.11053 | 2855.715911 | 54937.25257 | 561093.8726 | 9.954630928 |
| 69  | 0.054502365 | 0.945497635 | 53509.39462 | 2916.388573 | 52051.20033 | 506156.62   | 9.459210361 |
| 70  | 0.059007834 | 0.940992166 | 50593.00604 | 2985.383708 | 49100.31419 | 454105.4196 | 8.975656027 |
| 71  | 0.062560348 | 0.937439652 | 47607.62234 | 2978.349436 | 46118.44762 | 405005.1055 | 8.507148343 |
| 72  | 0.066511115 | 0.933488885 | 44629.2729  | 2968.342707 | 43145.10155 | 358886.6578 | 8.041508062 |
| 73  | 0.072350407 | 0.927649593 | 41660.93019 | 3014.185258 | 40153.83756 | 315741.5563 | 7.578840771 |
| 74  | 0.078293842 | 0.921706158 | 38646.74494 | 3025.802161 | 37133.84386 | 275587.7187 | 7.130942572 |
| 75  | 0.086341458 | 0.913658542 | 35620.94277 | 3075.564141 | 34083.1607  | 238453.8749 | 6.694204485 |
| 76  | 0.095500215 | 0.904499785 | 32545.37863 | 3108.090657 | 30991.3333  | 204370.7142 | 6.27956173  |
| 77  | 0.104974635 | 0.895025365 | 29437.28798 | 3090.168547 | 27892.2037  | 173379.3809 | 5.889787843 |
| 78  | 0.11559611  | 0.88440389  | 26347.11943 | 3045.624522 | 24824.30717 | 145487.1772 | 5.521938653 |

|     |             |             |             |             |             |             |             |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 79  | 0.125495796 | 0.874504204 | 23301.49491 | 2924.239653 | 21839.37508 | 120662.87   | 5.178331711 |
| 80  | 0.135522219 | 0.864477781 | 20377.25525 | 2761.570856 | 18996.46983 | 98823.49491 | 4.849696079 |
| 81  | 0.147017283 | 0.852982717 | 17615.6844  | 2589.810064 | 16320.77937 | 79827.02508 | 4.53158806  |
| 82  | 0.160199362 | 0.839800638 | 15025.87433 | 2407.135484 | 13822.30659 | 63506.24572 | 4.22645926  |
| 83  | 0.174485501 | 0.825514499 | 12618.73885 | 2201.786967 | 11517.84537 | 49683.93913 | 3.937314158 |
| 84  | 0.189942444 | 0.810057556 | 10416.95188 | 1978.6213   | 9427.641233 | 38166.09376 | 3.663844682 |
| 85  | 0.206635536 | 0.793364464 | 8438.330583 | 1743.658964 | 7566.501101 | 28738.45253 | 3.405703563 |
| 86  | 0.224627293 | 0.775372707 | 6694.671618 | 1503.80596  | 5942.768639 | 21171.95143 | 3.162507832 |
| 87  | 0.243975685 | 0.756024315 | 5190.865659 | 1266.445003 | 4557.643157 | 15229.18279 | 2.933842598 |
| 88  | 0.264732115 | 0.735267885 | 3924.420655 | 1038.920181 | 3404.960565 | 10671.53963 | 2.719264974 |
| 89  | 0.286939064 | 0.713060936 | 2885.500474 | 827.9628047 | 2471.519072 | 7266.579067 | 2.518308049 |
| 90  | 0.310627397 | 0.689372603 | 2057.537669 | 639.1275713 | 1737.973884 | 4795.059996 | 2.33048467  |
| 91  | 0.335813354 | 0.664186646 | 1418.410098 | 476.3210521 | 1180.249572 | 3057.086112 | 2.155290714 |
| 92  | 0.362495225 | 0.637504775 | 942.0890459 | 341.502781  | 771.3376553 | 1876.83654  | 1.992207158 |
| 93  | 0.3906498   | 0.6093502   | 600.5862648 | 234.6189044 | 483.2768126 | 1105.498885 | 1.84069958  |
| 94  | 0.420228651 | 0.579771349 | 365.9673604 | 153.7899701 | 289.0723753 | 622.2220725 | 1.700211931 |
| 95  | 0.451154402 | 0.548845598 | 212.1773903 | 95.72476357 | 164.3150085 | 333.1496972 | 1.570147021 |
| 96  | 0.48331716  | 0.51668284  | 116.4526267 | 56.28355284 | 88.31085029 | 168.8346887 | 1.449814345 |
| 97  | 0.516571342 | 0.483428658 | 60.16907387 | 31.08161923 | 44.62826426 | 80.5238384  | 1.338292801 |
| 98  | 0.550733185 | 0.449266815 | 29.08745464 | 16.01942655 | 21.07774137 | 35.89557414 | 1.234056901 |
| 99  | 0.5855793   | 0.4144207   | 13.06802809 | 7.652366741 | 9.241844725 | 14.81783277 | 1.133899672 |
| 100 | 0.620846633 | 0.379153367 | 5.415661354 | 3.362295115 | 3.734513797 | 5.57598805  | 1.029604269 |
| 101 | 0.656234267 | 0.343765733 | 2.05336624  | 1.34748929  | 1.379621595 | 1.841474253 | 0.896807505 |
| 102 | 0.69140745  | 0.30859255  | 0.70587695  | 0.488048582 | 0.461852659 | 0.461852659 | 0.654296275 |
| 103 | 0.726004188 | 0.273995812 | 0.217828368 | 0.217828368 | 0           | 0           | 0           |

| vik | qx          | px          | lx          | dx          | Lx_1        | Tx          | ex          |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 0   | 0.025861909 | 0.974138091 | 100000      | 2586.190899 | 97620.70437 | 7064530.799 | 70.64530799 |
| 1   | 0.002493734 | 0.997506266 | 97413.8091  | 242.9241379 | 97292.34703 | 6966910.094 | 71.51871135 |
| 2   | 0.001501705 | 0.998498295 | 97170.88496 | 145.9220422 | 97097.92394 | 6869617.747 | 70.69625588 |
| 3   | 0.000833534 | 0.999166466 | 97024.96292 | 80.8735901  | 96984.52613 | 6772519.823 | 69.80182852 |
| 4   | 0.000648279 | 0.999351721 | 96944.08933 | 62.84681317 | 96912.66592 | 6675535.297 | 68.85964212 |
| 5   | 0.000557094 | 0.999442906 | 96881.24252 | 53.97198503 | 96854.25652 | 6578622.631 | 67.90398699 |
| 6   | 0.000512671 | 0.999487329 | 96827.27053 | 49.64054893 | 96802.45026 | 6481768.375 | 66.94155583 |
| 7   | 0.000401819 | 0.999598181 | 96777.62998 | 38.88713057 | 96758.18642 | 6384965.925 | 65.97563844 |
| 8   | 0.000376973 | 0.999623027 | 96738.74285 | 36.46787602 | 96720.50891 | 6288207.738 | 65.0019584  |
| 9   | 0.000352278 | 0.999647722 | 96702.27498 | 34.06604854 | 96685.24195 | 6191487.229 | 64.02628305 |
| 10  | 0.000288015 | 0.999711985 | 96668.20893 | 27.84188216 | 96654.28799 | 6094801.987 | 63.04866983 |
| 11  | 0.000298587 | 0.999701413 | 96640.36705 | 28.85557948 | 96625.93926 | 5998147.699 | 62.06668996 |
| 12  | 0.000339095 | 0.999660905 | 96611.51147 | 32.76051658 | 96595.13121 | 5901521.76  | 61.08507848 |
| 13  | 0.000379247 | 0.999620753 | 96578.75095 | 36.62718491 | 96560.43736 | 5804926.629 | 60.10562957 |
| 14  | 0.000452721 | 0.999547279 | 96542.12377 | 43.7066312  | 96520.27045 | 5708366.192 | 59.12824339 |
| 15  | 0.000503119 | 0.999496881 | 96498.41713 | 48.55021484 | 96474.14203 | 5611845.921 | 58.15479764 |
| 16  | 0.000520923 | 0.999479077 | 96449.86692 | 50.24293314 | 96424.74545 | 5515371.779 | 57.18381948 |
| 17  | 0.00054884  | 0.99945116  | 96399.62399 | 52.90792337 | 96373.17002 | 5418947.034 | 56.21336277 |
| 18  | 0.000624168 | 0.999375832 | 96346.71606 | 60.13657834 | 96316.64777 | 5322573.864 | 55.24395725 |
| 19  | 0.000659952 | 0.999340048 | 96286.57948 | 63.54432469 | 96254.80722 | 5226257.216 | 54.27814804 |
| 20  | 0.00074168  | 0.99925832  | 96223.03495 | 71.36672049 | 96187.35159 | 5130002.409 | 53.31366249 |
| 21  | 0.000773005 | 0.999226995 | 96151.66823 | 74.32572519 | 96114.50536 | 5033815.057 | 52.35286241 |
| 22  | 0.000780487 | 0.999219513 | 96077.3425  | 74.98708521 | 96039.84896 | 4937700.552 | 51.39297594 |
| 23  | 0.000840136 | 0.999159864 | 96002.35542 | 80.65504896 | 95962.02789 | 4841660.703 | 50.43272826 |
| 24  | 0.000884481 | 0.999115519 | 95921.70037 | 84.84093638 | 95879.2799  | 4745698.675 | 49.47471382 |
| 25  | 0.000886304 | 0.999113696 | 95836.85943 | 84.94059041 | 95794.38914 | 4649819.395 | 48.51806938 |
| 26  | 0.000920668 | 0.999079332 | 95751.91884 | 88.1556992  | 95707.84099 | 4554025.006 | 47.56065734 |
| 27  | 0.000903083 | 0.999096917 | 95663.76314 | 86.39232196 | 95620.56698 | 4458317.165 | 46.6040329  |
| 28  | 0.000861087 | 0.999138913 | 95577.37082 | 82.3004349  | 95536.2206  | 4362696.598 | 45.6457063  |
| 29  | 0.000963636 | 0.999036364 | 95495.07039 | 92.02248218 | 95449.05914 | 4267160.377 | 44.68461419 |
| 30  | 0.001043408 | 0.998956592 | 95403.0479  | 99.54432469 | 95353.27574 | 4171711.318 | 43.72723314 |
| 31  | 0.001168018 | 0.998831982 | 95303.50358 | 111.3162431 | 95247.84546 | 4076358.042 | 42.7723839  |
| 32  | 0.001342597 | 0.998657403 | 95192.18734 | 127.8047456 | 95128.28496 | 3981110.197 | 41.82181656 |
| 33  | 0.001488257 | 0.998511743 | 95064.38259 | 141.4802606 | 94993.64246 | 3885981.912 | 40.87736969 |
| 34  | 0.001509603 | 0.998490397 | 94922.90233 | 143.2958879 | 94851.25438 | 3790988.269 | 39.93755118 |
| 35  | 0.001436506 | 0.998563494 | 94779.60644 | 136.1514979 | 94711.53069 | 3696137.015 | 38.99717623 |
| 36  | 0.001415211 | 0.998584789 | 94643.45494 | 133.9404537 | 94576.48472 | 3601425.484 | 38.05255722 |
| 37  | 0.001672153 | 0.998327847 | 94509.51449 | 158.0343807 | 94430.4973  | 3506849     | 37.10577732 |
| 38  | 0.002080714 | 0.997919286 | 94351.48011 | 196.3184113 | 94253.3209  | 3412418.502 | 36.16709031 |
| 39  | 0.002394356 | 0.997605644 | 94155.1617  | 225.4410066 | 94042.44119 | 3318165.181 | 35.24145805 |
| 40  | 0.002548335 | 0.997451665 | 93929.72069 | 239.3643747 | 93810.0385  | 3224122.74  | 34.32484113 |
| 41  | 0.002553682 | 0.997446318 | 93690.35632 | 239.2553995 | 93570.72862 | 3130312.702 | 33.41125837 |
| 42  | 0.002578757 | 0.997421243 | 93451.10092 | 240.9876488 | 93330.60709 | 3036741.973 | 32.49551844 |
| 43  | 0.002867875 | 0.997132125 | 93210.11327 | 267.3149186 | 93076.45581 | 2943411.366 | 31.57824042 |
| 44  | 0.003103786 | 0.996896214 | 92942.79835 | 288.4745136 | 92798.56109 | 2850334.91  | 30.66762526 |
| 45  | 0.003408769 | 0.996591231 | 92654.32384 | 315.8371986 | 92496.40524 | 2757536.349 | 29.76155062 |
| 46  | 0.003820376 | 0.996179624 | 92338.48664 | 352.7677357 | 92162.10277 | 2665039.944 | 28.86163767 |
| 47  | 0.004111344 | 0.995888656 | 91985.7189  | 378.1849327 | 91796.62643 | 2572877.841 | 27.97040532 |
| 48  | 0.004450632 | 0.995549368 | 91607.53397 | 407.7114329 | 91403.67825 | 2481081.215 | 27.08381186 |
| 49  | 0.0048468   | 0.9951532   | 91199.82254 | 442.027337  | 90978.80887 | 2389677.536 | 26.20265555 |
| 50  | 0.004987293 | 0.995012707 | 90757.7952  | 452.6357305 | 90531.47733 | 2298698.728 | 25.32783793 |
| 51  | 0.00539212  | 0.99460788  | 90305.15947 | 486.9362259 | 90061.69136 | 2208167.25  | 24.45228228 |
| 52  | 0.005998573 | 0.994001427 | 89818.22324 | 538.7811542 | 89548.83267 | 2118105.559 | 23.58213603 |
| 53  | 0.006561696 | 0.993438304 | 89279.44209 | 585.8245795 | 88986.5298  | 2028556.726 | 22.72143148 |
| 54  | 0.007313786 | 0.992686214 | 88693.61751 | 648.6860983 | 88369.27446 | 1939570.196 | 21.86820485 |
| 55  | 0.00820429  | 0.99179571  | 88044.93141 | 722.3461102 | 87683.75836 | 1851200.922 | 21.02563875 |
| 56  | 0.008948194 | 0.991051806 | 87322.5853  | 781.3794688 | 86931.89557 | 1763517.164 | 20.19543005 |
| 57  | 0.009804528 | 0.990195472 | 86541.20583 | 848.4957133 | 86116.95797 | 1676585.268 | 19.37325985 |
| 58  | 0.010886866 | 0.989113134 | 85692.71012 | 932.9250406 | 85226.2476  | 1590468.31  | 18.56013549 |
| 59  | 0.011976056 | 0.988023944 | 84759.78508 | 1015.087973 | 84252.24109 | 1505242.062 | 17.75891788 |
| 60  | 0.013275134 | 0.986724866 | 83744.6971  | 1111.722055 | 83188.83608 | 1420989.821 | 16.96811703 |
| 61  | 0.014595741 | 0.985404259 | 82632.97505 | 1206.089498 | 82029.9303  | 1337800.985 | 16.1896747  |
| 62  | 0.01622828  | 0.98377172  | 81426.88555 | 1321.418301 | 80766.1764  | 1255771.055 | 15.42206909 |
| 63  | 0.018036617 | 0.981963383 | 80105.46725 | 1444.831598 | 79383.05145 | 1175004.879 | 14.66822327 |
| 64  | 0.019896162 | 0.980103838 | 78660.63565 | 1565.044784 | 77878.11326 | 1095621.827 | 13.92846394 |
| 65  | 0.022155749 | 0.977844251 | 77095.59087 | 1708.110571 | 76241.53558 | 1017743.714 | 13.20106251 |
| 66  | 0.025591073 | 0.974408927 | 75387.4803  | 1929.246507 | 74422.85704 | 941502.1783 | 12.48883999 |
| 67  | 0.029501265 | 0.970498735 | 73458.23379 | 2167.110827 | 72374.67838 | 867079.3213 | 11.803705   |
| 68  | 0.033688805 | 0.966311195 | 71291.12296 | 2401.71273  | 70090.2666  | 794704.6429 | 11.14731554 |
| 69  | 0.037627597 | 0.962372403 | 68889.41023 | 2592.142964 | 67593.33875 | 724614.3763 | 10.51851618 |
| 70  | 0.041492582 | 0.958507418 | 66297.26727 | 2750.844829 | 64921.84485 | 657021.0376 | 9.910228047 |
| 71  | 0.045153064 | 0.954846936 | 63546.42244 | 2869.315705 | 62111.76459 | 592099.1927 | 9.317585003 |
| 72  | 0.050733783 | 0.949266217 | 60677.10673 | 3078.37916  | 59137.91715 | 529987.4281 | 8.734553386 |
| 73  | 0.057508531 | 0.942491469 | 57598.72758 | 3312.418195 | 55942.51848 | 470849.511  | 8.17465126  |
| 74  | 0.06384736  | 0.93615264  | 54286.30938 | 3466.037563 | 52553.2906  | 414906.9925 | 7.642939762 |
| 75  | 0.071362815 | 0.928637185 | 50820.27182 | 3626.677661 | 49006.93299 | 362353.7019 | 7.130101609 |
| 76  | 0.080889894 | 0.919110106 | 47193.59416 | 3817.484825 | 45284.85174 | 313346.7689 | 6.639603838 |
| 77  | 0.090294451 | 0.909705549 | 43376.10933 | 3916.621963 | 41417.79835 | 268061.9172 | 6.179943782 |
| 78  | 0.100716058 | 0.899283942 | 39459.48737 | 3974.204025 | 37472.38536 | 226644.1188 | 5.743716756 |

|     |             |             |             |             |             |             |             |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 79  | 0.11144498  | 0.88855502  | 35485.28334 | 3954.656699 | 33507.95499 | 189171.7334 | 5.330991206 |
| 80  | 0.123595129 | 0.876404871 | 31530.62664 | 3897.03188  | 29582.1107  | 155663.7785 | 4.936907224 |
| 81  | 0.137449608 | 0.862550392 | 27633.59476 | 3798.22678  | 25734.48137 | 126081.6677 | 4.562622736 |
| 82  | 0.152702962 | 0.847297038 | 23835.36798 | 3639.731285 | 22015.50234 | 100347.1864 | 4.210012048 |
| 83  | 0.169462524 | 0.830537476 | 20195.6367  | 3422.403576 | 18484.43491 | 78331.68403 | 3.878643947 |
| 84  | 0.187835403 | 0.812164597 | 16773.23312 | 3150.607004 | 15197.92962 | 59847.24912 | 3.568021065 |
| 85  | 0.207925929 | 0.792074071 | 13622.62612 | 2832.497186 | 12206.37753 | 44649.3195  | 3.277585328 |
| 86  | 0.229832443 | 0.770167557 | 10790.12893 | 2479.921689 | 9550.168089 | 32442.94197 | 3.006724217 |
| 87  | 0.253643337 | 0.746356663 | 8310.207245 | 2107.828695 | 7256.292897 | 22892.77388 | 2.754777734 |
| 88  | 0.279432279 | 0.720567721 | 6202.378549 | 1733.144776 | 5335.806161 | 15636.48099 | 2.521045896 |
| 89  | 0.30725259  | 0.69274741  | 4469.233773 | 1373.183652 | 3782.641947 | 10300.67482 | 2.304796604 |
| 90  | 0.33713077  | 0.66286923  | 3096.050121 | 1043.77376  | 2574.163241 | 6518.032877 | 2.105273695 |
| 91  | 0.369059261 | 0.630940739 | 2052.276361 | 757.4115971 | 1673.570562 | 3943.869636 | 1.921704947 |
| 92  | 0.402988606 | 0.597011394 | 1294.864764 | 521.8157465 | 1033.956891 | 2270.299073 | 1.753309795 |
| 93  | 0.438819291 | 0.561180709 | 773.0490174 | 339.2288214 | 603.4346067 | 1236.342183 | 1.599306324 |
| 94  | 0.476393714 | 0.523606286 | 433.820196  | 206.6692142 | 330.4855889 | 632.9075759 | 1.458916809 |
| 95  | 0.515488908 | 0.484511092 | 227.1509818 | 117.0938116 | 168.604076  | 302.4219869 | 1.331369931 |
| 96  | 0.555810819 | 0.444189181 | 110.0571702 | 61.17096588 | 79.4716873  | 133.8179109 | 1.215894527 |
| 97  | 0.596991138 | 0.403008862 | 48.88620435 | 29.18463078 | 34.29388896 | 54.34622361 | 1.111688345 |
| 98  | 0.638587856 | 0.361412144 | 19.70157357 | 12.58118563 | 13.41098076 | 20.05233464 | 1.017803708 |
| 99  | 0.680090731 | 0.319909269 | 7.12038794  | 4.842509837 | 4.699133021 | 6.641353887 | 0.932723602 |
| 100 | 0.720932825 | 0.279067175 | 2.277878103 | 1.642197096 | 1.456779555 | 1.942220866 | 0.852644776 |
| 101 | 0.76050896  | 0.23949104  | 0.635681007 | 0.483441101 | 0.393960456 | 0.485441311 | 0.763655522 |
| 102 | 0.798201375 | 0.201798625 | 0.152239906 | 0.121518102 | 0.091480855 | 0.091480855 | 0.600899312 |
| 103 | 0.833412041 | 0.166587959 | 0.030721804 | 0.030721804 | 0           | 0           | 0           |