

| rmse | | | | |
|-----------|-----------|----------|------------|---|
| rmse_x | rmse_y | rmse_vx | rmse_vy | |
| 0.287757 | 0.0196602 | 5.19994 | | 0 |
| 0.21633 | 0.0348548 | 3.96324 | 0.00127057 | |
| 0.176727 | 0.0537196 | 3.36723 | 1.54421 | |
| 0.163382 | 0.0520493 | 3.07108 | 1.45825 | |
| 0.14618 | 0.0536242 | 2.88341 | 1.33168 | |
| 0.134312 | 0.0525874 | 2.64848 | 1.2288 | |
| 0.124386 | 0.0512422 | 2.46611 | 1.14456 | |
| 0.117166 | 0.0485402 | 2.30789 | 1.07182 | |
| 0.110913 | 0.0472471 | 2.17683 | 1.01237 | |
| 0.105522 | 0.046263 | 2.06577 | 0.961179 | |
| 0.101947 | 0.0455636 | 1.96993 | 0.917306 | |
| 0.0979019 | 0.0476902 | 1.88662 | 0.897669 | |
| 0.0942249 | 0.0675253 | 1.81315 | 0.935671 | |
| 0.0913505 | 0.0709935 | 1.749 | 0.918666 | |
| 0.0893129 | 0.0748593 | 1.69136 | 0.901817 | |
| 0.0873388 | 0.0750947 | 1.63791 | 0.877671 | |
| 0.0851388 | 0.0732041 | 1.58929 | 0.852642 | |
| 0.0832931 | 0.0712177 | 1.54542 | 0.828872 | |
| 0.0810716 | 0.0693547 | 1.50442 | 0.806799 | |
| 0.0790213 | 0.0677298 | 1.46651 | 0.786477 | |
| 0.077759 | 0.0663356 | 1.43171 | 0.767804 | |
| 0.0762153 | 0.0693145 | 1.39887 | 0.755192 | |
| 0.0746762 | 0.0680716 | 1.36822 | 0.738928 | |
| 0.0731626 | 0.0667646 | 1.33961 | 0.723562 | |
| 0.0716857 | 0.0661826 | 1.31274 | 0.709796 | |
| 0.0703377 | 0.0673175 | 1.28866 | 0.698475 | |
| 0.0699469 | 0.0665939 | 1.26653 | 0.686144 | |
| 0.0687367 | 0.0664164 | 1.24381 | 0.674663 | |
| 0.0675791 | 0.0688791 | 1.22229 | 0.665828 | |
| 0.0665362 | 0.0721353 | 1.20204 | 0.658402 | |
| 0.0658287 | 0.0766876 | 1.18283 | 0.652372 | |
| 0.0648762 | 0.0782965 | 1.16482 | 0.644018 | |
| 0.0640511 | 0.079342 | 1.1475 | 0.635686 | |
| 0.0631459 | 0.0806092 | 1.13113 | 0.627963 | |
| 0.0622397 | 0.0826363 | 1.11531 | 0.621157 | |
| 0.061633 | 0.0837393 | 1.10052 | 0.614007 | |
| 0.0617524 | 0.0830362 | 1.08662 | 0.60594 | |
| 0.0617851 | 0.0820768 | 1.07223 | 0.598277 | |
| 0.0612146 | 0.0810534 | 1.05843 | 0.590823 | |
| 0.0605036 | 0.0800468 | 1.04608 | 0.583924 | |
| 0.0598173 | 0.0793554 | 1.03436 | 0.577908 | |
| 0.0591182 | 0.0789854 | 1.02198 | 0.571991 | |
| 0.0588801 | 0.0790977 | 1.01008 | 0.566696 | |
| 0.0584471 | 0.0798836 | 0.998543 | 0.562454 | |
| 0.0578752 | 0.0811457 | 0.987399 | 0.558787 | |
| 0.0575645 | 0.0822174 | 0.977042 | 0.554463 | |
| 0.0573761 | 0.085109 | 0.967084 | 0.551658 | |
| 0.0576233 | 0.0889681 | 0.958311 | 0.549238 | |

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|-----------|-----------|----------|----------|
| 0.0573011 | 0.0913154 | 0.949339 | 0.545973 |
| 0.0577458 | 0.0931702 | 0.942251 | 0.541966 |
| 0.0577113 | 0.0939501 | 0.93475 | 0.537503 |
| 0.057155 | 0.0943537 | 0.925727 | 0.534177 |
| 0.0566986 | 0.0945059 | 0.916961 | 0.530579 |
| 0.0562292 | 0.0948938 | 0.908444 | 0.527294 |
| 0.0558159 | 0.0945751 | 0.900185 | 0.52333 |
| 0.0558329 | 0.0943603 | 0.893095 | 0.518993 |
| 0.0556317 | 0.0949564 | 0.886002 | 0.515408 |
| 0.0557389 | 0.0950658 | 0.879804 | 0.51133 |
| 0.0559034 | 0.0944051 | 0.873654 | 0.506992 |
| 0.056108 | 0.0936708 | 0.866674 | 0.502917 |
| 0.0564574 | 0.0929648 | 0.859901 | 0.498778 |
| 0.0569314 | 0.0922222 | 0.85326 | 0.494784 |
| 0.0577983 | 0.0915133 | 0.846896 | 0.490869 |
| 0.0586141 | 0.090804 | 0.840282 | 0.487465 |
| 0.0593433 | 0.0903647 | 0.833831 | 0.483779 |
| 0.0605885 | 0.0899511 | 0.827751 | 0.480109 |
| 0.0613817 | 0.0896774 | 0.821737 | 0.476514 |
| 0.0616118 | 0.0893042 | 0.815902 | 0.473987 |
| 0.0614785 | 0.0898489 | 0.810228 | 0.470748 |
| 0.0613127 | 0.0900049 | 0.80457 | 0.467677 |
| 0.0609554 | 0.0904401 | 0.799064 | 0.464543 |
| 0.0605609 | 0.0903743 | 0.79371 | 0.461878 |
| 0.0602448 | 0.089915 | 0.788341 | 0.459714 |
| 0.0598809 | 0.0893871 | 0.783193 | 0.458285 |
| 0.0595762 | 0.0890074 | 0.778038 | 0.456221 |
| 0.0592977 | 0.0886837 | 0.772908 | 0.453726 |
| 0.0589152 | 0.089101 | 0.7679 | 0.450821 |
| 0.0585364 | 0.0895324 | 0.763015 | 0.448046 |
| 0.0581656 | 0.0892674 | 0.758194 | 0.445806 |
| 0.0578192 | 0.0890677 | 0.753497 | 0.443073 |
| 0.058021 | 0.0885522 | 0.749175 | 0.440692 |
| 0.0578631 | 0.0880177 | 0.744605 | 0.440231 |
| 0.0575358 | 0.0876752 | 0.740107 | 0.438315 |
| 0.0572487 | 0.0872632 | 0.735744 | 0.436168 |
| 0.0569174 | 0.0868848 | 0.73142 | 0.433981 |
| 0.0566015 | 0.0864603 | 0.727246 | 0.431584 |
| 0.0563187 | 0.086074 | 0.723168 | 0.430084 |
| 0.05603 | 0.0858917 | 0.719157 | 0.4293 |
| 0.0559477 | 0.0861442 | 0.715594 | 0.428861 |
| 0.0558662 | 0.0867179 | 0.711976 | 0.429563 |
| 0.0564734 | 0.0870737 | 0.708807 | 0.429165 |
| 0.0568595 | 0.0880334 | 0.705343 | 0.431359 |
| 0.057546 | 0.0886167 | 0.702097 | 0.431897 |
| 0.0583163 | 0.0889149 | 0.699173 | 0.430554 |
| 0.059001 | 0.0886573 | 0.696199 | 0.428452 |
| 0.059352 | 0.0886201 | 0.69291 | 0.427624 |
| 0.0599316 | 0.088218 | 0.689701 | 0.425725 |

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| 0.0604394 | 0.0877745 | 0.686524 | 0.423596 |
| 0.061036 | 0.0873334 | 0.68342 | 0.421471 |
| 0.0609695 | 0.087004 | 0.680029 | 0.421835 |
| 0.0614856 | 0.0866271 | 0.676795 | 0.421247 |
| 0.062166 | 0.0862447 | 0.673777 | 0.419228 |
| 0.0625131 | 0.0859349 | 0.670624 | 0.41738 |
| 0.0625135 | 0.0855284 | 0.667415 | 0.41594 |
| 0.0628674 | 0.0851359 | 0.6643 | 0.414307 |
| 0.0634342 | 0.0847398 | 0.661285 | 0.413065 |
| 0.063796 | 0.084422 | 0.658297 | 0.412028 |
| 0.0641062 | 0.0841655 | 0.65535 | 0.410672 |
| 0.0644647 | 0.0837793 | 0.652403 | 0.408836 |
| 0.0647949 | 0.0834497 | 0.649509 | 0.407458 |
| 0.064917 | 0.083081 | 0.646589 | 0.405662 |
| 0.0649219 | 0.0827092 | 0.643701 | 0.403933 |
| 0.064639 | 0.0824648 | 0.640933 | 0.402175 |
| 0.0643601 | 0.0821584 | 0.638174 | 0.400453 |
| 0.0642742 | 0.0818148 | 0.635394 | 0.398708 |
| 0.0640714 | 0.0815329 | 0.632667 | 0.399181 |
| 0.0643895 | 0.0815658 | 0.630173 | 0.400528 |
| 0.0649063 | 0.0820093 | 0.627792 | 0.401877 |
| 0.0651228 | 0.0821938 | 0.625245 | 0.401824 |
| 0.0653964 | 0.0825076 | 0.622715 | 0.401043 |
| 0.0656155 | 0.0831568 | 0.620219 | 0.400424 |
| 0.065925 | 0.084148 | 0.61779 | 0.400046 |
| 0.0659212 | 0.0846026 | 0.615275 | 0.398819 |
| 0.0657898 | 0.0852856 | 0.612789 | 0.398487 |
| 0.0655741 | 0.0851268 | 0.610786 | 0.396965 |
| 0.0653139 | 0.0849009 | 0.60859 | 0.395406 |
| 0.065543 | 0.0845968 | 0.60715 | 0.393988 |
| 0.0657618 | 0.0842725 | 0.605527 | 0.392774 |
| 0.0656698 | 0.0839847 | 0.603431 | 0.39132 |
| 0.0656662 | 0.083805 | 0.601315 | 0.389818 |
| 0.0654163 | 0.0841372 | 0.599026 | 0.388762 |
| 0.0652628 | 0.0844688 | 0.596882 | 0.387667 |
| 0.0650179 | 0.0844582 | 0.594635 | 0.386239 |
| 0.064775 | 0.0846626 | 0.592415 | 0.384929 |
| 0.0646008 | 0.0852061 | 0.590316 | 0.383847 |
| 0.0645278 | 0.0855356 | 0.588286 | 0.38259 |
| 0.0643144 | 0.0861208 | 0.586171 | 0.381364 |
| 0.0641013 | 0.0864828 | 0.584053 | 0.380036 |
| 0.0639337 | 0.0864405 | 0.582071 | 0.378696 |
| 0.0638435 | 0.086801 | 0.580111 | 0.377368 |
| 0.0637721 | 0.08696 | 0.578191 | 0.37603 |
| 0.0635725 | 0.0871605 | 0.576164 | 0.374723 |
| 0.0635458 | 0.0869992 | 0.574211 | 0.373475 |
| 0.0635828 | 0.0867075 | 0.572291 | 0.372433 |
| 0.0633802 | 0.0864093 | 0.570321 | 0.371352 |
| 0.0631999 | 0.0861237 | 0.568365 | 0.370223 |

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| 0.0629951 | 0.0858324 | 0.566433 | 0.369196 |
| 0.0628453 | 0.0855571 | 0.564551 | 0.368252 |
| 0.0627653 | 0.0852763 | 0.562706 | 0.367248 |
| 0.0627761 | 0.0850064 | 0.560988 | 0.366252 |
| 0.0632631 | 0.084743 | 0.559579 | 0.365261 |
| 0.0641316 | 0.0844647 | 0.5588 | 0.364146 |
| 0.0648734 | 0.0842016 | 0.557599 | 0.36296 |
| 0.0655836 | 0.0839292 | 0.556232 | 0.361786 |
| 0.0655348 | 0.08368 | 0.554436 | 0.360628 |
| 0.0656749 | 0.083417 | 0.55275 | 0.359475 |
| 0.0658234 | 0.0831524 | 0.551063 | 0.358333 |
| 0.0659811 | 0.0828909 | 0.549449 | 0.357214 |
| 0.0660332 | 0.0827586 | 0.547742 | 0.35626 |
| 0.0661595 | 0.0827428 | 0.546077 | 0.355445 |
| 0.0660146 | 0.082852 | 0.544399 | 0.354756 |
| 0.065966 | 0.0832442 | 0.542718 | 0.354339 |
| 0.0657645 | 0.0840257 | 0.541168 | 0.354198 |
| 0.0655638 | 0.0847615 | 0.540109 | 0.353791 |
| 0.0655183 | 0.0849601 | 0.538558 | 0.353049 |
| 0.0654235 | 0.0851357 | 0.537056 | 0.352286 |
| 0.065256 | 0.0854138 | 0.536043 | 0.351565 |
| 0.0652518 | 0.0855988 | 0.5363 | 0.350629 |
| 0.0657465 | 0.0858266 | 0.53714 | 0.349694 |
| 0.0666774 | 0.0860585 | 0.537598 | 0.348804 |
| 0.0666586 | 0.0860702 | 0.536528 | 0.347855 |
| 0.0669 | 0.0862307 | 0.535636 | 0.346988 |
| 0.066738 | 0.0864926 | 0.534188 | 0.34621 |
| 0.0666027 | 0.0868283 | 0.532777 | 0.345475 |
| 0.0664231 | 0.0871942 | 0.531302 | 0.344768 |
| 0.0662744 | 0.0875728 | 0.529807 | 0.344199 |
| 0.0663583 | 0.0877347 | 0.528562 | 0.343518 |
| 0.0664647 | 0.0879154 | 0.527127 | 0.34271 |
| 0.0669405 | 0.0880193 | 0.525832 | 0.34188 |
| 0.0673296 | 0.0880629 | 0.524386 | 0.340959 |
| 0.0679324 | 0.0880317 | 0.522982 | 0.340032 |
| 0.0683763 | 0.087923 | 0.521549 | 0.339097 |
| 0.069377 | 0.087744 | 0.520225 | 0.33817 |
| 0.0708126 | 0.0876316 | 0.519261 | 0.337339 |
| 0.0713691 | 0.0875218 | 0.517897 | 0.336489 |
| 0.0718082 | 0.087492 | 0.516516 | 0.335709 |
| 0.0721739 | 0.0873379 | 0.515134 | 0.334852 |
| 0.0722227 | 0.0871293 | 0.513976 | 0.333988 |
| 0.0720587 | 0.0869264 | 0.513128 | 0.333132 |
| 0.071931 | 0.0867335 | 0.511906 | 0.332283 |
| 0.0717496 | 0.0865124 | 0.510815 | 0.331416 |
| 0.0715776 | 0.0862876 | 0.510206 | 0.330595 |
| 0.0717418 | 0.0860651 | 0.51027 | 0.329824 |
| 0.0717973 | 0.0858432 | 0.509143 | 0.329319 |
| 0.0716133 | 0.0856253 | 0.507837 | 0.328818 |

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| 0.0714824 | 0.0854319 | 0.506948 | 0.327981 |
| 0.0713092 | 0.0852427 | 0.505778 | 0.327148 |
| 0.0711602 | 0.0850441 | 0.5045 | 0.326515 |
| 0.0709943 | 0.0850301 | 0.50325 | 0.325711 |
| 0.0708203 | 0.084898 | 0.501993 | 0.325394 |
| 0.0706514 | 0.0847428 | 0.500743 | 0.325111 |
| 0.0704794 | 0.0846631 | 0.499843 | 0.324323 |
| 0.0703189 | 0.0846845 | 0.498993 | 0.323564 |
| 0.0701591 | 0.0846749 | 0.498316 | 0.32291 |
| 0.0700014 | 0.0845449 | 0.497592 | 0.322144 |
| 0.06989 | 0.0844903 | 0.497201 | 0.321575 |
| 0.0697219 | 0.0846073 | 0.496421 | 0.321054 |
| 0.0695544 | 0.0845788 | 0.495357 | 0.320358 |
| 0.0694102 | 0.0844747 | 0.494228 | 0.319756 |
| 0.0692671 | 0.0844307 | 0.493211 | 0.318997 |
| 0.0694305 | 0.0843266 | 0.492044 | 0.318286 |
| 0.0694654 | 0.0843691 | 0.49106 | 0.317729 |
| 0.0693502 | 0.0844575 | 0.49026 | 0.317192 |
| 0.0692116 | 0.0844181 | 0.489285 | 0.316505 |
| 0.0692175 | 0.084335 | 0.488195 | 0.315884 |
| 0.0692996 | 0.0841645 | 0.487064 | 0.316258 |
| 0.0691724 | 0.0839709 | 0.486317 | 0.316534 |
| 0.0690727 | 0.0837846 | 0.485605 | 0.317258 |
| 0.0689152 | 0.0836222 | 0.484728 | 0.318101 |
| 0.0687684 | 0.0834443 | 0.484232 | 0.317624 |
| 0.0692669 | 0.0832561 | 0.484901 | 0.316981 |
| 0.0698809 | 0.0830686 | 0.485942 | 0.316285 |
| 0.0704974 | 0.0828824 | 0.486844 | 0.315581 |
| 0.071187 | 0.0827076 | 0.487786 | 0.314939 |
| 0.0722701 | 0.0825707 | 0.489007 | 0.314346 |
| 0.0733167 | 0.0824405 | 0.490031 | 0.313726 |
| 0.0735568 | 0.0822798 | 0.490018 | 0.31304 |
| 0.0740331 | 0.0821471 | 0.490526 | 0.312802 |
| 0.0740373 | 0.0820369 | 0.490255 | 0.312428 |
| 0.0741159 | 0.0819037 | 0.489809 | 0.311757 |
| 0.0740376 | 0.0817331 | 0.489096 | 0.311158 |
| 0.0739651 | 0.0815591 | 0.488341 | 0.310825 |
| 0.0738942 | 0.0813927 | 0.487611 | 0.310324 |
| 0.0738989 | 0.0812503 | 0.487104 | 0.309662 |
| 0.0739922 | 0.0811691 | 0.486713 | 0.309022 |
| 0.0739771 | 0.0810487 | 0.48606 | 0.308447 |
| 0.0739501 | 0.0808851 | 0.485367 | 0.308168 |
| 0.0740233 | 0.0807183 | 0.48496 | 0.307525 |
| 0.0740438 | 0.0805494 | 0.484449 | 0.306883 |
| 0.0739424 | 0.0803849 | 0.483737 | 0.306257 |
| 0.0739939 | 0.0802187 | 0.483275 | 0.305621 |
| 0.0742862 | 0.0801104 | 0.483141 | 0.305095 |
| 0.0743697 | 0.0799792 | 0.482702 | 0.304487 |
| 0.0742659 | 0.0798827 | 0.482106 | 0.304369 |

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| 0.0741211 | 0.0797583 | 0.481351 | 0.304 |
| 0.0740128 | 0.0796696 | 0.480653 | 0.303446 |
| 0.0740684 | 0.0797687 | 0.480252 | 0.303109 |
| 0.0744171 | 0.0801165 | 0.480344 | 0.303987 |
| 0.0749335 | 0.0805518 | 0.480517 | 0.304647 |
| 0.0751573 | 0.0809145 | 0.480223 | 0.304497 |
| 0.0752938 | 0.0810106 | 0.479739 | 0.30397 |
| 0.0753555 | 0.0811229 | 0.479246 | 0.303924 |
| 0.0753229 | 0.0811187 | 0.478569 | 0.303496 |
| 0.0753323 | 0.0811094 | 0.477914 | 0.30295 |
| 0.0752095 | 0.0809642 | 0.477044 | 0.302437 |
| 0.0750654 | 0.0808135 | 0.476164 | 0.301868 |
| 0.0749846 | 0.080675 | 0.475246 | 0.301397 |
| 0.0748926 | 0.08053 | 0.474325 | 0.300958 |
| 0.0747577 | 0.0803748 | 0.473438 | 0.300385 |
| 0.0746198 | 0.0803228 | 0.472616 | 0.300186 |
| 0.0744847 | 0.0802686 | 0.471788 | 0.29983 |
| 0.074411 | 0.0801551 | 0.470896 | 0.299345 |
| 0.0743577 | 0.080003 | 0.47 | 0.298795 |
| 0.0742964 | 0.0798549 | 0.469112 | 0.298271 |
| 0.0742957 | 0.0797614 | 0.468227 | 0.298009 |
| 0.0743523 | 0.079652 | 0.467363 | 0.297588 |
| 0.0745481 | 0.0797097 | 0.466552 | 0.297711 |
| 0.0749253 | 0.079872 | 0.465838 | 0.298098 |
| 0.0750015 | 0.079871 | 0.464977 | 0.297704 |
| 0.0750333 | 0.079755 | 0.464119 | 0.297153 |
| 0.0749235 | 0.0796095 | 0.463344 | 0.296704 |
| 0.0748187 | 0.0797126 | 0.462504 | 0.296637 |
| 0.0746819 | 0.0797836 | 0.461732 | 0.29635 |
| 0.0745466 | 0.0798009 | 0.461058 | 0.295844 |
| 0.074438 | 0.0797854 | 0.46054 | 0.295314 |
| 0.0743222 | 0.0796456 | 0.459935 | 0.29479 |
| 0.0741905 | 0.0795432 | 0.459312 | 0.294443 |
| 0.0740597 | 0.0794061 | 0.458503 | 0.294102 |
| 0.0739414 | 0.0792978 | 0.457718 | 0.294183 |
| 0.0738787 | 0.0793299 | 0.457019 | 0.294605 |
| 0.073777 | 0.0792945 | 0.456298 | 0.294674 |
| 0.0736577 | 0.0794211 | 0.455488 | 0.296559 |
| 0.0735543 | 0.0797272 | 0.454686 | 0.298553 |
| 0.0734304 | 0.0798981 | 0.453912 | 0.299075 |
| 0.0733021 | 0.0799901 | 0.45313 | 0.299253 |
| 0.0731875 | 0.080081 | 0.45234 | 0.299417 |
| 0.0730634 | 0.0804307 | 0.451593 | 0.299979 |
| 0.072948 | 0.0808 | 0.450948 | 0.300054 |
| 0.0728576 | 0.080971 | 0.45036 | 0.299823 |
| 0.0727605 | 0.0813977 | 0.449753 | 0.299946 |
| 0.0726537 | 0.0813866 | 0.449138 | 0.299514 |
| 0.0725558 | 0.0814 | 0.448455 | 0.299297 |
| 0.0724473 | 0.0814983 | 0.447764 | 0.299206 |

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|-----------|-----------|----------|----------|
| 0.0723438 | 0.0816822 | 0.447102 | 0.299165 |
| 0.0722287 | 0.0820744 | 0.446423 | 0.299385 |
| 0.0721367 | 0.0824244 | 0.446088 | 0.298983 |
| 0.0721145 | 0.0828374 | 0.445868 | 0.298641 |
| 0.072155 | 0.0830391 | 0.44589 | 0.298147 |
| 0.0721316 | 0.0832714 | 0.445748 | 0.297683 |
| 0.0721377 | 0.083555 | 0.44552 | 0.297318 |
| 0.0722093 | 0.0838154 | 0.445342 | 0.296966 |
| 0.0724689 | 0.0839072 | 0.445542 | 0.29648 |
| 0.0728105 | 0.083785 | 0.445775 | 0.296044 |
| 0.0731727 | 0.0836801 | 0.445665 | 0.295568 |
| 0.0738031 | 0.083646 | 0.44569 | 0.29518 |
| 0.0741896 | 0.0836284 | 0.445175 | 0.295157 |
| 0.0744527 | 0.0836342 | 0.444587 | 0.295172 |
| 0.074771 | 0.0836511 | 0.443991 | 0.295258 |
| 0.0748616 | 0.0837961 | 0.443304 | 0.295552 |
| 0.0749405 | 0.0839068 | 0.44263 | 0.295674 |
| 0.0748604 | 0.0841034 | 0.441918 | 0.295877 |
| 0.0748275 | 0.0842706 | 0.441296 | 0.295732 |
| 0.0750051 | 0.0844367 | 0.440819 | 0.295603 |
| 0.0752754 | 0.0845646 | 0.440399 | 0.295431 |
| 0.075766 | 0.0845595 | 0.440098 | 0.295132 |
| 0.0764588 | 0.0845204 | 0.440237 | 0.294704 |
| 0.0771957 | 0.0844081 | 0.440314 | 0.294247 |
| 0.077814 | 0.084318 | 0.439672 | 0.294164 |
| 0.0785191 | 0.0841896 | 0.439053 | 0.293923 |
| 0.0794462 | 0.0840581 | 0.438851 | 0.293492 |
| 0.0798927 | 0.0839324 | 0.43834 | 0.293051 |
| 0.0801818 | 0.0838043 | 0.437664 | 0.292689 |
| 0.0804872 | 0.0837422 | 0.436993 | 0.292246 |
| 0.0809918 | 0.0837767 | 0.436727 | 0.291846 |
| 0.0814703 | 0.0837789 | 0.436368 | 0.291415 |
| 0.0817685 | 0.0837549 | 0.435712 | 0.291002 |
| 0.0820413 | 0.0836699 | 0.435062 | 0.290656 |
| 0.082379 | 0.0835783 | 0.434425 | 0.290272 |
| 0.0824572 | 0.0836557 | 0.433766 | 0.289831 |
| 0.0824579 | 0.0836793 | 0.43312 | 0.289393 |
| 0.0823672 | 0.083585 | 0.432533 | 0.289012 |
| 0.0822936 | 0.083501 | 0.431935 | 0.288586 |
| 0.08219 | 0.0833819 | 0.431301 | 0.288205 |
| 0.0820854 | 0.0832761 | 0.430708 | 0.287798 |
| 0.081976 | 0.0832447 | 0.430099 | 0.287368 |
| 0.0819319 | 0.0832405 | 0.429605 | 0.286941 |
| 0.0818171 | 0.0833836 | 0.428994 | 0.286537 |
| 0.0816962 | 0.0833891 | 0.428395 | 0.286117 |
| 0.081584 | 0.0833867 | 0.427839 | 0.285701 |
| 0.0814813 | 0.0833947 | 0.427213 | 0.285284 |
| 0.081397 | 0.0835133 | 0.4266 | 0.284869 |
| 0.0813013 | 0.0836798 | 0.42599 | 0.284457 |

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| 0.081185 | 0.0836636 | 0.425448 | 0.284087 |
| 0.0810707 | 0.0836265 | 0.424832 | 0.283743 |
| 0.0809531 | 0.0835642 | 0.424229 | 0.283429 |
| 0.0808379 | 0.0835101 | 0.423666 | 0.283116 |
| 0.0807216 | 0.0837157 | 0.423129 | 0.282708 |
| 0.0806067 | 0.0839899 | 0.422527 | 0.282302 |
| 0.0804954 | 0.0847269 | 0.421922 | 0.281995 |
| 0.0803859 | 0.0857467 | 0.42132 | 0.281778 |
| 0.0803376 | 0.0857131 | 0.420817 | 0.281643 |
| 0.0802658 | 0.0856289 | 0.420219 | 0.28155 |
| 0.0801988 | 0.0855883 | 0.419624 | 0.28136 |
| 0.0801051 | 0.0855382 | 0.419034 | 0.281182 |
| 0.080066 | 0.0854496 | 0.418445 | 0.28114 |
| 0.0800023 | 0.0853453 | 0.41786 | 0.281162 |
| 0.0800213 | 0.0852574 | 0.417299 | 0.281738 |
| 0.0801753 | 0.0851713 | 0.417116 | 0.282651 |
| 0.0803795 | 0.085136 | 0.416857 | 0.283679 |
| 0.0805635 | 0.0851271 | 0.416299 | 0.284326 |
| 0.0806014 | 0.0851415 | 0.415725 | 0.284818 |
| 0.0806992 | 0.0852502 | 0.415158 | 0.285611 |
| 0.0806208 | 0.0851344 | 0.414642 | 0.285327 |
| 0.0805678 | 0.085018 | 0.414124 | 0.285356 |
| 0.080458 | 0.0849343 | 0.413557 | 0.28503 |
| 0.08035 | 0.0848572 | 0.413097 | 0.284642 |
| 0.0802415 | 0.084758 | 0.412589 | 0.284281 |
| 0.0801333 | 0.0846683 | 0.412132 | 0.283899 |
| 0.0800299 | 0.0845924 | 0.411606 | 0.283835 |
| 0.0799285 | 0.0845124 | 0.411057 | 0.283806 |
| 0.0798214 | 0.0844459 | 0.410537 | 0.283424 |
| 0.0797143 | 0.0843575 | 0.409985 | 0.2831 |
| 0.0797034 | 0.0842608 | 0.409496 | 0.283228 |
| 0.0797251 | 0.0841797 | 0.409002 | 0.283347 |
| 0.0796398 | 0.0840674 | 0.408456 | 0.283049 |
| 0.0795659 | 0.0839568 | 0.407913 | 0.282717 |
| 0.0794964 | 0.0838518 | 0.407372 | 0.282463 |
| 0.0793976 | 0.0837503 | 0.406886 | 0.282108 |
| 0.0792948 | 0.0836437 | 0.40646 | 0.281758 |
| 0.0792001 | 0.0835345 | 0.406169 | 0.281417 |
| 0.0791032 | 0.0834891 | 0.405819 | 0.281086 |
| 0.0790247 | 0.0834406 | 0.405564 | 0.280724 |
| 0.0789768 | 0.0833382 | 0.405362 | 0.28039 |
| 0.0789628 | 0.0832437 | 0.404961 | 0.280056 |
| 0.0789817 | 0.0831816 | 0.404587 | 0.279818 |
| 0.0789795 | 0.083119 | 0.404086 | 0.279459 |
| 0.0788959 | 0.0831269 | 0.403563 | 0.27913 |
| 0.0787974 | 0.0831512 | 0.403066 | 0.278774 |
| 0.0787064 | 0.0831339 | 0.402621 | 0.278425 |
| 0.0786175 | 0.0830787 | 0.402178 | 0.278103 |
| 0.0785186 | 0.0830531 | 0.401712 | 0.278682 |

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| 0.0784184 | 0.083051 | 0.401219 | 0.279011 |
| 0.0783204 | 0.083191 | 0.400716 | 0.279608 |
| 0.0782223 | 0.0833727 | 0.400209 | 0.279988 |
| 0.0781255 | 0.0834016 | 0.399709 | 0.279859 |
| 0.0780429 | 0.0835165 | 0.399235 | 0.279884 |
| 0.077967 | 0.0836226 | 0.398767 | 0.279798 |
| 0.0778726 | 0.0838385 | 0.398277 | 0.279821 |
| 0.077775 | 0.0838902 | 0.397786 | 0.279525 |
| 0.077678 | 0.083918 | 0.397314 | 0.279192 |
| 0.0775984 | 0.0838142 | 0.396915 | 0.279117 |
| 0.0775192 | 0.0837173 | 0.396542 | 0.279062 |
| 0.0774381 | 0.0837533 | 0.396205 | 0.279556 |
| 0.0773446 | 0.0838133 | 0.395792 | 0.279773 |
| 0.0772534 | 0.0840205 | 0.395353 | 0.280199 |
| 0.0771653 | 0.0844311 | 0.394881 | 0.280628 |
| 0.0770743 | 0.0846326 | 0.394408 | 0.280501 |
| 0.0769994 | 0.084681 | 0.393925 | 0.280158 |
| 0.0769376 | 0.0846019 | 0.393455 | 0.279945 |
| 0.0768815 | 0.08451 | 0.392986 | 0.279748 |
| 0.0768537 | 0.0844285 | 0.392545 | 0.279952 |
| 0.0768725 | 0.084398 | 0.39218 | 0.280556 |
| 0.0768998 | 0.0843083 | 0.391777 | 0.28056 |
| 0.0769307 | 0.0842201 | 0.391321 | 0.280342 |
| 0.0769247 | 0.0841925 | 0.39085 | 0.280092 |
| 0.0769739 | 0.0841867 | 0.390382 | 0.279825 |
| 0.0770388 | 0.0841189 | 0.38992 | 0.27949 |
| 0.0771039 | 0.0840339 | 0.389459 | 0.279161 |
| 0.0774021 | 0.0839451 | 0.389084 | 0.279032 |
| 0.0777194 | 0.0838783 | 0.388702 | 0.278943 |
| 0.0778728 | 0.0837796 | 0.388248 | 0.27865 |
| 0.0779764 | 0.0836928 | 0.387822 | 0.278523 |
| 0.0781613 | 0.0836144 | 0.387415 | 0.278409 |
| 0.0783042 | 0.0835539 | 0.386995 | 0.278331 |
| 0.0783558 | 0.0834567 | 0.38654 | 0.278049 |
| 0.0783546 | 0.0833605 | 0.38613 | 0.277727 |
| 0.0782958 | 0.0832715 | 0.385763 | 0.277424 |
| 0.078233 | 0.0832039 | 0.385446 | 0.27714 |
| 0.0781627 | 0.0831833 | 0.385116 | 0.27695 |
| 0.0781444 | 0.0832203 | 0.384722 | 0.277419 |
| 0.0781555 | 0.083333 | 0.384341 | 0.277972 |
| 0.0782709 | 0.0835497 | 0.384131 | 0.2789 |
| 0.0782287 | 0.0834962 | 0.383698 | 0.278865 |
| 0.0781804 | 0.0835245 | 0.383295 | 0.279103 |
| 0.0780976 | 0.0834943 | 0.382855 | 0.279088 |
| 0.0780081 | 0.0835075 | 0.382433 | 0.279065 |
| 0.0779221 | 0.0835573 | 0.382002 | 0.279106 |
| 0.0778413 | 0.0836018 | 0.381883 | 0.278913 |
| 0.0777532 | 0.0836181 | 0.381677 | 0.278714 |
| 0.0776697 | 0.0836035 | 0.381243 | 0.278686 |

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| 0.0775874 | 0.0835866 | 0.38081 | 0.278634 |
| 0.0775323 | 0.0836134 | 0.380422 | 0.278746 |
| 0.0774804 | 0.0840592 | 0.380078 | 0.279541 |
| 0.0774984 | 0.0845671 | 0.380286 | 0.280797 |
| 0.0776472 | 0.0849026 | 0.380509 | 0.281586 |
| 0.0777083 | 0.0852361 | 0.380174 | 0.281918 |
| 0.0776712 | 0.0853944 | 0.379754 | 0.281925 |
| 0.0777268 | 0.0855961 | 0.379695 | 0.282202 |
| 0.0778869 | 0.0858177 | 0.37969 | 0.282446 |
| 0.0782527 | 0.0861389 | 0.380304 | 0.282942 |
| 0.0786577 | 0.0865318 | 0.380767 | 0.28339 |
| 0.079019 | 0.0868953 | 0.380764 | 0.283592 |
| 0.0790862 | 0.0871363 | 0.380423 | 0.28355 |
| 0.079247 | 0.0874586 | 0.38015 | 0.283587 |
| 0.0793004 | 0.0876413 | 0.379767 | 0.283446 |
| 0.0792758 | 0.0879598 | 0.379429 | 0.283332 |
| 0.0791908 | 0.0880201 | 0.379378 | 0.283038 |
| 0.0791057 | 0.0880522 | 0.378971 | 0.282777 |
| 0.0790531 | 0.088002 | 0.378623 | 0.282471 |
| 0.079006 | 0.0879397 | 0.378262 | 0.282166 |
| 0.0790217 | 0.0878449 | 0.377988 | 0.281891 |
| 0.0790583 | 0.0877517 | 0.377675 | 0.281606 |
| 0.0790826 | 0.0876882 | 0.377349 | 0.281358 |
| 0.0791355 | 0.0876474 | 0.377057 | 0.281119 |
| 0.0791137 | 0.0875578 | 0.37667 | 0.280817 |
| 0.079076 | 0.0874706 | 0.376267 | 0.280518 |
| 0.078992 | 0.087401 | 0.375949 | 0.280339 |
| 0.0789812 | 0.0873263 | 0.375751 | 0.280118 |
| 0.0789939 | 0.0872443 | 0.375555 | 0.279899 |
| 0.0789547 | 0.0871887 | 0.375215 | 0.279796 |
| 0.0788846 | 0.0873014 | 0.374955 | 0.280008 |
| 0.0788188 | 0.0874673 | 0.374633 | 0.280294 |
| 0.0788854 | 0.0873805 | 0.374247 | 0.280085 |
| 0.0789072 | 0.0872904 | 0.37398 | 0.279878 |
| 0.078899 | 0.0872197 | 0.373736 | 0.279752 |
| 0.0788974 | 0.0871566 | 0.373399 | 0.279653 |
| 0.0789027 | 0.0870708 | 0.37303 | 0.2794 |
| 0.0789054 | 0.0869971 | 0.372709 | 0.279134 |
| 0.0788571 | 0.0869085 | 0.372465 | 0.278984 |
| 0.0787905 | 0.0868201 | 0.372404 | 0.278838 |
| 0.07872 | 0.0867488 | 0.372255 | 0.278592 |
| 0.0786647 | 0.086678 | 0.372008 | 0.27835 |
| 0.0785865 | 0.086612 | 0.371815 | 0.278116 |
| 0.0785363 | 0.0865225 | 0.371671 | 0.278071 |
| 0.0786009 | 0.0864453 | 0.371696 | 0.278171 |
| 0.0786579 | 0.0863754 | 0.371439 | 0.278302 |
| 0.0786451 | 0.0863279 | 0.37109 | 0.278565 |
| 0.0785805 | 0.086255 | 0.371122 | 0.278617 |
| 0.0785183 | 0.0861679 | 0.371014 | 0.278524 |

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| 0.0784398 | 0.0860892 | 0.371063 | 0.278589 |
| 0.0783599 | 0.0860015 | 0.370952 | 0.278554 |
| 0.078294 | 0.0859268 | 0.371025 | 0.278652 |
| 0.0782176 | 0.0858398 | 0.370891 | 0.278617 |
| 0.0781717 | 0.0857802 | 0.370901 | 0.278803 |
| 0.0784445 | 0.0858865 | 0.371647 | 0.279437 |
| 0.0788319 | 0.0860032 | 0.372637 | 0.280028 |
| 0.078813 | 0.0859701 | 0.372512 | 0.280228 |
| 0.0788198 | 0.0859547 | 0.372703 | 0.280397 |
| 0.0787701 | 0.0859432 | 0.372589 | 0.280553 |
| 0.287757 | 0.0950658 | 5.19994 | 1.54421 max |
| 0.0556317 | 0.0196602 | 0.370891 | 0 min |
| 0.073901061723447 | 0.083122881763527 | 0.610852362725451 | 0.369291329799599 avg |