## u velocities
| Unnamed: 0 | Unnamed: 1 | Time (ms) and u Velocity Component (m/s) | Unnamed: 3 | Unnamed: 4 | Unnamed: 5 | Unnamed: 6 | Unnamed: 7 | Unnamed: 8 | Unnamed: 9 | Unnamed: 10 | Unnamed: 11 | Unnamed: 12 | Unnamed: 13 | Unnamed: 14 | Unnamed: 15 | Unnamed: 16 | Unnamed: 17 | Unnamed: 18 | Unnamed: 19 | Unnamed: 20 | Unnamed: 21 | Unnamed: 22 | Unnamed: 23 | Unnamed: 24 | Unnamed: 25 | Unnamed: 26 | Unnamed: 27 | Unnamed: 28 | Unnamed: 29 | Unnamed: 30 | Unnamed: 31 | Unnamed: 32 | Unnamed: 33 | Unnamed: 34 | Unnamed: 35 | Unnamed: 36 | Unnamed: 37 | Unnamed: 38 | Unnamed: 39 | Unnamed: 40 | Unnamed: 41 | Unnamed: 42 | Unnamed: 43 | Unnamed: 44 | Unnamed: 45 | Unnamed: 46 | Unnamed: 47 | Unnamed: 48 | Unnamed: 49 | Unnamed: 50 | Unnamed: 51 | Unnamed: 52 | Unnamed: 53 | Unnamed: 54 | Unnamed: 55 | Unnamed: 56 | Unnamed: 57 | Unnamed: 58 | Unnamed: 59 | Unnamed: 60 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| x coord (m) | y coord (m) | 16.666667 | 33.333333 | 50.000000 | 66.666667 | 83.333333 | 100.000000 | 116.666667 | 133.333333 | 150.000000 | 166.666667 | 183.333333 | 200.000000 | 216.666667 | 233.333333 | 250.000000 | 266.666667 | 283.333333 | 300.000000 | 316.666667 | 333.333333 | 350.000000 | 366.666667 | 383.333333 | 400.000000 | 416.666667 | 433.333333 | 450.000000 | 466.666667 | 483.333333 | 500.000000 | 516.666667 | 533.333333 | 550.000000 | 566.666667 | 583.333333 | 600.000000 | 616.666667 | 633.333333 | 650.000000 | 666.666667 | 683.333333 | 700.000000 | 716.666667 | 733.333333 | 750.000000 | 766.666667 | 783.333333 | 800.000000 | 816.666667 | 833.333333 | 850.000000 | 866.666667 | 883.333333 | 900.000000 | 916.666667 | 933.333333 | 950.000000 | 966.666667 | 983.333333 |
| 0.009666 | 0.010583 | 0.043195 | 0.043284 | 0.016097 | 0.035163 | 0.035163 | 0.009782 | 0.009782 | -0.003884 | -0.003884 | -0.009104 | -0.009104 | -0.008673 | -0.008673 | -0.001413 | -0.001413 | -0.000751 | -0.000751 | -0.006770 | -0.006770 | -0.012277 | -0.012277 | -0.021584 | -0.021584 | -0.042115 | -0.042115 | -0.025401 | -0.025401 | -0.050020 | -0.050020 | -0.042209 | -0.042209 | -0.043361 | -0.043361 | -0.047586 | -0.047586 | -0.043444 | -0.043444 | -0.049848 | -0.049848 | -0.040882 | -0.040882 | -0.044888 | -0.044888 | -0.036081 | -0.036081 | -0.037665 | -0.037665 | -0.036427 | -0.036427 | -0.043600 | -0.043600 | -0.051705 | -0.051705 | -0.051238 | -0.051238 | -0.057496 | -0.057496 | -0.057894 | -0.057894 |
| 0.012351 | 0.010586 | 0.034132 | 0.022979 | 0.010818 | 0.026190 | 0.026190 | 0.008779 | 0.008779 | -0.003974 | -0.003974 | -0.011292 | -0.011292 | -0.011425 | -0.011425 | -0.003667 | -0.003667 | -0.003765 | -0.003765 | -0.012201 | -0.012201 | -0.028903 | -0.028903 | -0.030895 | -0.030895 | -0.048535 | -0.048535 | -0.038274 | -0.038274 | -0.049305 | -0.049305 | -0.033868 | -0.033868 | -0.039797 | -0.039797 | -0.048609 | -0.048609 | -0.045495 | -0.045495 | -0.046701 | -0.046701 | -0.045581 | -0.045581 | -0.040876 | -0.040876 | -0.031988 | -0.031988 | -0.041855 | -0.041855 | -0.035182 | -0.035182 | -0.047035 | -0.047035 | -0.045452 | -0.045452 | -0.043896 | -0.043896 | -0.049477 | -0.049477 | -0.036449 | -0.036449 |
| 0.015037 | 0.01059 | 0.031516 | 0.023305 | 0.003262 | 0.013309 | 0.013309 | 0.001066 | 0.001066 | -0.002636 | -0.002636 | -0.014842 | -0.014842 | -0.016577 | -0.016577 | -0.027678 | -0.027678 | -0.019984 | -0.019984 | -0.019222 | -0.019222 | -0.038582 | -0.038582 | -0.038113 | -0.038113 | -0.050472 | -0.050472 | -0.038490 | -0.038490 | -0.039833 | -0.039833 | -0.024924 | -0.024924 | -0.046818 | -0.046818 | -0.048438 | -0.048438 | -0.047650 | -0.047650 | -0.043776 | -0.043776 | -0.046452 | -0.046452 | -0.042482 | -0.042482 | -0.031207 | -0.031207 | -0.049494 | -0.049494 | -0.048525 | -0.048525 | -0.056125 | -0.056125 | -0.042058 | -0.042058 | -0.033011 | -0.033011 | -0.034577 | -0.034577 | -0.021511 | -0.021511 |
| 0.017722 | 0.010593 | 0.028858 | 0.021966 | 0.001734 | 0.008833 | 0.008833 | -0.001054 | -0.001054 | -0.003383 | -0.003383 | -0.020122 | -0.020122 | -0.032108 | -0.032108 | -0.027618 | -0.027618 | -0.035959 | -0.035959 | -0.023813 | -0.023813 | -0.045901 | -0.045901 | -0.040007 | -0.040007 | -0.050361 | -0.050361 | -0.036155 | -0.036155 | -0.047467 | -0.047467 | -0.032964 | -0.032964 | -0.052405 | -0.052405 | -0.047002 | -0.047002 | -0.055467 | -0.055467 | -0.045477 | -0.045477 | -0.042418 | -0.042418 | -0.046582 | -0.046582 | -0.032663 | -0.032663 | -0.063686 | -0.063686 | -0.038869 | -0.038869 | -0.050645 | -0.050645 | -0.047439 | -0.047439 | -0.036443 | -0.036443 | -0.023598 | -0.023598 | -0.044479 | -0.044479 |
| 0.020407 | 0.010596 | 0.024370 | 0.023829 | 0.001568 | 0.006053 | 0.006053 | -0.000071 | -0.000071 | -0.012755 | -0.012755 | -0.028331 | -0.028331 | -0.046953 | -0.046953 | -0.033016 | -0.033016 | -0.043606 | -0.043606 | -0.038335 | -0.038335 | -0.046578 | -0.046578 | -0.054735 | -0.054735 | -0.041940 | -0.041940 | -0.041845 | -0.041845 | -0.044735 | -0.044735 | -0.045640 | -0.045640 | -0.045044 | -0.045044 | -0.056449 | -0.056449 | -0.051909 | -0.051909 | -0.044711 | -0.044711 | -0.036444 | -0.036444 | -0.043664 | -0.043664 | -0.043961 | -0.043961 | -0.058989 | -0.058989 | -0.029597 | -0.029597 | -0.051860 | -0.051860 | -0.056815 | -0.056815 | -0.040174 | -0.040174 | -0.022592 | -0.022592 | -0.025158 | -0.025158 |
| 0.023093 | 0.010599 | 0.008740 | 0.023329 | -0.001303 | 0.003587 | 0.003587 | -0.014061 | -0.014061 | -0.032481 | -0.032481 | -0.054482 | -0.054482 | -0.049476 | -0.049476 | -0.041418 | -0.041418 | -0.055146 | -0.055146 | -0.039713 | -0.039713 | -0.049805 | -0.049805 | -0.051424 | -0.051424 | -0.038216 | -0.038216 | -0.044730 | -0.044730 | -0.041564 | -0.041564 | -0.049566 | -0.049566 | -0.039448 | -0.039448 | -0.047998 | -0.047998 | -0.065888 | -0.065888 | -0.037370 | -0.037370 | -0.040447 | -0.040447 | -0.042660 | -0.042660 | -0.072011 | -0.072011 | -0.065838 | -0.065838 | -0.047457 | -0.047457 | -0.049797 | -0.049797 | -0.052365 | -0.052365 | -0.032836 | -0.032836 | -0.022982 | -0.022982 | -0.012704 | -0.012704 |
| 0.025778 | 0.010602 | 0.005114 | 0.008345 | -0.000182 | -0.005014 | -0.005014 | -0.028204 | -0.028204 | -0.054041 | -0.054041 | -0.054567 | -0.054567 | -0.055999 | -0.055999 | -0.040288 | -0.040288 | -0.056397 | -0.056397 | -0.045276 | -0.045276 | -0.035850 | -0.035850 | -0.048537 | -0.048537 | -0.033207 | -0.033207 | -0.031525 | -0.031525 | -0.037669 | -0.037669 | -0.037135 | -0.037135 | -0.043146 | -0.043146 | -0.053898 | -0.053898 | -0.066927 | -0.066927 | -0.036873 | -0.036873 | -0.041114 | -0.041114 | -0.054644 | -0.054644 | -0.063044 | -0.063044 | -0.059956 | -0.059956 | -0.045633 | -0.045633 | -0.063242 | -0.063242 | -0.051306 | -0.051306 | -0.036269 | -0.036269 | -0.012347 | -0.012347 | -0.002877 | -0.002877 |
| 0.028464 | 0.010605 | 0.014680 | -0.001173 | -0.011414 | -0.018140 | -0.018140 | -0.028200 | -0.028200 | -0.057503 | -0.057503 | -0.064549 | -0.064549 | -0.051180 | -0.051180 | -0.041645 | -0.041645 | -0.064879 | -0.064879 | -0.052420 | -0.052420 | -0.033801 | -0.033801 | -0.035921 | -0.035921 | -0.022413 | -0.022413 | -0.037770 | -0.037770 | -0.034101 | -0.034101 | -0.033543 | -0.033543 | -0.041923 | -0.041923 | -0.073320 | -0.073320 | -0.044894 | -0.044894 | -0.025319 | -0.025319 | -0.042144 | -0.042144 | -0.054684 | -0.054684 | -0.066278 | -0.066278 | -0.063299 | -0.063299 | -0.050206 | -0.050206 | -0.065143 | -0.065143 | -0.043736 | -0.043736 | -0.029955 | -0.029955 | -0.009629 | -0.009629 | 0.005932 | 0.005932 |
| 0.031149 | 0.010608 | 0.004281 | -0.003250 | -0.010814 | -0.020783 | -0.020783 | -0.029212 | -0.029212 | -0.069808 | -0.069808 | -0.058084 | -0.058084 | -0.048584 | -0.048584 | -0.045059 | -0.045059 | -0.053137 | -0.053137 | -0.036223 | -0.036223 | -0.023461 | -0.023461 | -0.024195 | -0.024195 | -0.033645 | -0.033645 | -0.026804 | -0.026804 | -0.034154 | -0.034154 | -0.030326 | -0.030326 | -0.043198 | -0.043198 | -0.061824 | -0.061824 | -0.028245 | -0.028245 | -0.024720 | -0.024720 | -0.038110 | -0.038110 | -0.055037 | -0.055037 | -0.062137 | -0.062137 | -0.066232 | -0.066232 | -0.050884 | -0.050884 | -0.080840 | -0.080840 | -0.036912 | -0.036912 | -0.020270 | -0.020270 | -0.011688 | -0.011688 | 0.006374 | 0.006374 |
| 0.033834 | 0.010611 | 0.008154 | -0.002527 | -0.015074 | -0.037607 | -0.037607 | -0.041250 | -0.041250 | -0.063778 | -0.063778 | -0.046333 | -0.046333 | -0.045783 | -0.045783 | -0.041710 | -0.041710 | -0.038278 | -0.038278 | -0.017946 | -0.017946 | -0.012721 | -0.012721 | -0.028551 | -0.028551 | -0.033783 | -0.033783 | -0.027166 | -0.027166 | -0.050308 | -0.050308 | -0.052930 | -0.052930 | -0.040097 | -0.040097 | -0.053124 | -0.053124 | -0.027526 | -0.027526 | -0.024537 | -0.024537 | -0.055960 | -0.055960 | -0.055049 | -0.055049 | -0.056298 | -0.056298 | -0.070200 | -0.070200 | -0.061445 | -0.061445 | -0.076162 | -0.076162 | -0.036665 | -0.036665 | -0.027670 | -0.027670 | -0.010608 | -0.010608 | 0.010337 | 0.010337 |
| 0.03652 | 0.010614 | 0.011353 | -0.001856 | -0.013269 | -0.020842 | -0.020842 | -0.030873 | -0.030873 | -0.036501 | -0.036501 | -0.040379 | -0.040379 | -0.044939 | -0.044939 | -0.028427 | -0.028427 | -0.024138 | -0.024138 | -0.007574 | -0.007574 | -0.015912 | -0.015912 | -0.030395 | -0.030395 | -0.034279 | -0.034279 | -0.045729 | -0.045729 | -0.052124 | -0.052124 | -0.041907 | -0.041907 | -0.041787 | -0.041787 | -0.041157 | -0.041157 | -0.025660 | -0.025660 | -0.028217 | -0.028217 | -0.052774 | -0.052774 | -0.055403 | -0.055403 | -0.054743 | -0.054743 | -0.072682 | -0.072682 | -0.064309 | -0.064309 | -0.055306 | -0.055306 | -0.033485 | -0.033485 | -0.011644 | -0.011644 | -0.010954 | -0.010954 | 0.004164 | 0.004164 |
| 0.039205 | 0.010617 | 0.009213 | 0.008786 | -0.001299 | -0.006852 | -0.006852 | -0.015963 | -0.015963 | -0.027710 | -0.027710 | -0.019628 | -0.019628 | -0.035266 | -0.035266 | -0.024754 | -0.024754 | -0.028930 | -0.028930 | -0.007338 | -0.007338 | -0.027706 | -0.027706 | -0.039849 | -0.039849 | -0.036932 | -0.036932 | -0.030416 | -0.030416 | -0.042477 | -0.042477 | -0.033961 | -0.033961 | -0.048484 | -0.048484 | -0.037542 | -0.037542 | -0.046976 | -0.046976 | -0.043908 | -0.043908 | -0.052447 | -0.052447 | -0.053308 | -0.053308 | -0.054028 | -0.054028 | -0.070287 | -0.070287 | -0.058980 | -0.058980 | -0.040552 | -0.040552 | -0.031235 | -0.031235 | -0.020381 | -0.020381 | -0.007204 | -0.007204 | 0.003659 | 0.003659 |
| 0.041891 | 0.01062 | 0.005316 | 0.001877 | -0.001429 | 0.003784 | 0.003784 | -0.004306 | -0.004306 | -0.017703 | -0.017703 | -0.024578 | -0.024578 | -0.028089 | -0.028089 | -0.029444 | -0.029444 | -0.038879 | -0.038879 | -0.014824 | -0.014824 | -0.039646 | -0.039646 | -0.051299 | -0.051299 | -0.030590 | -0.030590 | -0.030978 | -0.030978 | -0.034407 | -0.034407 | -0.013462 | -0.013462 | -0.042366 | -0.042366 | -0.043380 | -0.043380 | -0.042597 | -0.042597 | -0.057808 | -0.057808 | -0.057718 | -0.057718 | -0.052560 | -0.052560 | -0.050901 | -0.050901 | -0.061462 | -0.061462 | -0.058232 | -0.058232 | -0.029624 | -0.029624 | -0.030896 | -0.030896 | -0.022171 | -0.022171 | -0.004142 | -0.004142 | 0.004098 | 0.004098 |
| 0.044576 | 0.010624 | 0.000349 | 0.004766 | 0.010199 | 0.000221 | 0.000221 | -0.002936 | -0.002936 | -0.023689 | -0.023689 | -0.034236 | -0.034236 | -0.032104 | -0.032104 | -0.043273 | -0.043273 | -0.041058 | -0.041058 | -0.028582 | -0.028582 | -0.063411 | -0.063411 | -0.044416 | -0.044416 | -0.044055 | -0.044055 | -0.032367 | -0.032367 | -0.026603 | -0.026603 | 0.000517 | 0.000517 | -0.045026 | -0.045026 | -0.030262 | -0.030262 | -0.058503 | -0.058503 | -0.063236 | -0.063236 | -0.059225 | -0.059225 | -0.068313 | -0.068313 | -0.037562 | -0.037562 | -0.045881 | -0.045881 | -0.048105 | -0.048105 | -0.038593 | -0.038593 | -0.022129 | -0.022129 | -0.009186 | -0.009186 | 0.000995 | 0.000995 | 0.008720 | 0.008720 |
| 0.047261 | 0.010627 | -0.002859 | 0.003622 | 0.000695 | 0.001436 | 0.001436 | -0.004863 | -0.004863 | -0.027358 | -0.027358 | -0.030511 | -0.030511 | -0.038776 | -0.038776 | -0.030912 | -0.030912 | -0.037130 | -0.037130 | -0.035099 | -0.035099 | -0.059795 | -0.059795 | -0.050276 | -0.050276 | -0.033631 | -0.033631 | -0.029103 | -0.029103 | -0.037840 | -0.037840 | -0.019053 | -0.019053 | -0.026649 | -0.026649 | -0.023524 | -0.023524 | -0.060989 | -0.060989 | -0.060473 | -0.060473 | -0.056481 | -0.056481 | -0.065721 | -0.065721 | -0.035625 | -0.035625 | -0.044818 | -0.044818 | -0.028201 | -0.028201 | -0.037346 | -0.037346 | -0.015183 | -0.015183 | -0.006747 | -0.006747 | 0.010565 | 0.010565 | 0.015697 | 0.015697 |
| 0.049947 | 0.01063 | -0.003431 | -0.012502 | -0.012644 | -0.003614 | -0.003614 | -0.019012 | -0.019012 | -0.028785 | -0.028785 | -0.032942 | -0.032942 | -0.034208 | -0.034208 | -0.031139 | -0.031139 | -0.057473 | -0.057473 | -0.028509 | -0.028509 | -0.045639 | -0.045639 | -0.038168 | -0.038168 | -0.028739 | -0.028739 | -0.017356 | -0.017356 | -0.022077 | -0.022077 | -0.017909 | -0.017909 | -0.020606 | -0.020606 | -0.032696 | -0.032696 | -0.048700 | -0.048700 | -0.050851 | -0.050851 | -0.092263 | -0.092263 | -0.058218 | -0.058218 | -0.029253 | -0.029253 | -0.032668 | -0.032668 | -0.015490 | -0.015490 | -0.033601 | -0.033601 | -0.019028 | -0.019028 | -0.002200 | -0.002200 | 0.006212 | 0.006212 | 0.009607 | 0.009607 |
| 0.052632 | 0.010633 | -0.011211 | -0.020154 | -0.022718 | -0.018543 | -0.018543 | -0.028660 | -0.028660 | -0.045713 | -0.045713 | -0.057109 | -0.057109 | -0.038760 | -0.038760 | -0.034995 | -0.034995 | -0.052029 | -0.052029 | -0.032119 | -0.032119 | -0.042662 | -0.042662 | -0.030504 | -0.030504 | -0.016054 | -0.016054 | 0.002373 | 0.002373 | -0.000726 | -0.000726 | -0.029667 | -0.029667 | -0.025696 | -0.025696 | -0.043993 | -0.043993 | -0.050635 | -0.050635 | -0.059539 | -0.059539 | -0.090554 | -0.090554 | -0.047900 | -0.047900 | -0.018337 | -0.018337 | -0.020807 | -0.020807 | -0.012519 | -0.012519 | -0.013966 | -0.013966 | -0.012833 | -0.012833 | -0.006864 | -0.006864 | 0.011130 | 0.011130 | 0.008211 | 0.008211 |
| 0.055318 | 0.010636 | -0.012029 | -0.027108 | -0.027645 | -0.023245 | -0.023245 | -0.014732 | -0.014732 | -0.035280 | -0.035280 | -0.043203 | -0.043203 | -0.042171 | -0.042171 | -0.016109 | -0.016109 | -0.049277 | -0.049277 | -0.027812 | -0.027812 | -0.023691 | -0.023691 | -0.028901 | -0.028901 | -0.007606 | -0.007606 | -0.006097 | -0.006097 | -0.007238 | -0.007238 | -0.017382 | -0.017382 | -0.032550 | -0.032550 | -0.035781 | -0.035781 | -0.072903 | -0.072903 | -0.068964 | -0.068964 | -0.049895 | -0.049895 | -0.044420 | -0.044420 | -0.037751 | -0.037751 | -0.026483 | -0.026483 | -0.024831 | -0.024831 | -0.016560 | -0.016560 | -0.008102 | -0.008102 | 0.002232 | 0.002232 | 0.003678 | 0.003678 | 0.013953 | 0.013953 |
| 0.058003 | 0.010639 | -0.004874 | -0.019063 | -0.019499 | -0.010384 | -0.010384 | -0.019929 | -0.019929 | -0.027277 | -0.027277 | -0.038642 | -0.038642 | -0.036788 | -0.036788 | -0.026544 | -0.026544 | -0.049607 | -0.049607 | -0.030605 | -0.030605 | -0.028511 | -0.028511 | -0.041404 | -0.041404 | -0.008388 | -0.008388 | -0.035857 | -0.035857 | -0.014436 | -0.014436 | -0.021678 | -0.021678 | -0.036066 | -0.036066 | -0.041851 | -0.041851 | -0.058929 | -0.058929 | -0.069884 | -0.069884 | -0.035755 | -0.035755 | -0.037624 | -0.037624 | -0.032866 | -0.032866 | -0.039119 | -0.039119 | -0.017366 | -0.017366 | -0.025731 | -0.025731 | -0.011923 | -0.011923 | -0.002706 | -0.002706 | 0.003104 | 0.003104 | 0.021102 | 0.021102 |
| 0.060688 | 0.010642 | -0.006084 | -0.005858 | -0.001943 | -0.005434 | -0.005434 | -0.018322 | -0.018322 | -0.017723 | -0.017723 | -0.035409 | -0.035409 | -0.035527 | -0.035527 | -0.028238 | -0.028238 | -0.043189 | -0.043189 | -0.039863 | -0.039863 | -0.030471 | -0.030471 | -0.020120 | -0.020120 | -0.029717 | -0.029717 | -0.025977 | -0.025977 | -0.029498 | -0.029498 | -0.022385 | -0.022385 | -0.023708 | -0.023708 | -0.034238 | -0.034238 | -0.047936 | -0.047936 | -0.053651 | -0.053651 | -0.055694 | -0.055694 | -0.040423 | -0.040423 | -0.033338 | -0.033338 | -0.047804 | -0.047804 | 0.001964 | 0.001964 | -0.016465 | -0.016465 | -0.007390 | -0.007390 | -0.005550 | -0.005550 | 0.004096 | 0.004096 | 0.029248 | 0.029248 |
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| 0.066059 | 0.010648 | -0.002152 | 0.004293 | 0.008514 | 0.004244 | 0.004244 | -0.014041 | -0.014041 | -0.026972 | -0.026972 | -0.036469 | -0.036469 | -0.023431 | -0.023431 | -0.030336 | -0.030336 | -0.034215 | -0.034215 | -0.026232 | -0.026232 | -0.031022 | -0.031022 | -0.022603 | -0.022603 | -0.007437 | -0.007437 | -0.018029 | -0.018029 | -0.013288 | -0.013288 | -0.008595 | -0.008595 | -0.016335 | -0.016335 | -0.022571 | -0.022571 | -0.029783 | -0.029783 | -0.043789 | -0.043789 | -0.032138 | -0.032138 | -0.038050 | -0.038050 | -0.028215 | -0.028215 | -0.046339 | -0.046339 | -0.034838 | -0.034838 | -0.015613 | -0.015613 | -0.009560 | -0.009560 | 0.001326 | 0.001326 | 0.003877 | 0.003877 | 0.022390 | 0.022390 |
| 0.068745 | 0.010651 | 0.011358 | 0.010302 | 0.004444 | -0.004866 | -0.004866 | -0.016902 | -0.016902 | -0.028085 | -0.028085 | -0.040468 | -0.040468 | -0.019331 | -0.019331 | -0.031374 | -0.031374 | -0.063447 | -0.063447 | -0.030535 | -0.030535 | -0.032231 | -0.032231 | -0.019487 | -0.019487 | 0.005648 | 0.005648 | -0.011530 | -0.011530 | -0.014200 | -0.014200 | -0.006126 | -0.006126 | -0.013948 | -0.013948 | -0.027118 | -0.027118 | -0.030147 | -0.030147 | -0.046906 | -0.046906 | -0.020306 | -0.020306 | -0.029308 | -0.029308 | -0.040718 | -0.040718 | -0.036767 | -0.036767 | -0.046460 | -0.046460 | -0.029155 | -0.029155 | -0.007504 | -0.007504 | -0.006438 | -0.006438 | 0.004979 | 0.004979 | 0.027444 | 0.027444 |
| 0.07143 | 0.010655 | 0.019520 | 0.009249 | 0.014109 | -0.012028 | -0.012028 | -0.012031 | -0.012031 | -0.018924 | -0.018924 | -0.023505 | -0.023505 | -0.027630 | -0.027630 | -0.023512 | -0.023512 | -0.039440 | -0.039440 | -0.023188 | -0.023188 | -0.019420 | -0.019420 | -0.007234 | -0.007234 | 0.000593 | 0.000593 | -0.002701 | -0.002701 | -0.005887 | -0.005887 | -0.012310 | -0.012310 | -0.018047 | -0.018047 | -0.020282 | -0.020282 | -0.025160 | -0.025160 | -0.029511 | -0.029511 | -0.010999 | -0.010999 | -0.021405 | -0.021405 | -0.048772 | -0.048772 | -0.038537 | -0.038537 | -0.060696 | -0.060696 | -0.035921 | -0.035921 | -0.003986 | -0.003986 | -0.004586 | -0.004586 | 0.014912 | 0.014912 | 0.035835 | 0.035835 |
| 0.074115 | 0.010658 | 0.019215 | 0.005552 | 0.005576 | -0.013399 | -0.013399 | -0.003064 | -0.003064 | -0.012179 | -0.012179 | -0.017818 | -0.017818 | -0.030550 | -0.030550 | -0.027051 | -0.027051 | -0.021759 | -0.021759 | -0.011754 | -0.011754 | -0.013542 | -0.013542 | -0.009629 | -0.009629 | -0.005527 | -0.005527 | -0.005281 | -0.005281 | -0.006760 | -0.006760 | -0.016834 | -0.016834 | -0.017719 | -0.017719 | -0.012588 | -0.012588 | -0.018583 | -0.018583 | -0.025038 | -0.025038 | 0.001380 | 0.001380 | -0.025200 | -0.025200 | -0.046080 | -0.046080 | -0.041006 | -0.041006 | -0.049873 | -0.049873 | -0.049455 | -0.049455 | -0.016648 | -0.016648 | -0.007708 | -0.007708 | 0.033439 | 0.033439 | 0.036857 | 0.036857 |
| 0.076801 | 0.010661 | 0.027727 | 0.006636 | 0.009928 | -0.013891 | -0.013891 | -0.007494 | -0.007494 | -0.018570 | -0.018570 | -0.013004 | -0.013004 | -0.036252 | -0.036252 | -0.028588 | -0.028588 | -0.016829 | -0.016829 | -0.008424 | -0.008424 | -0.003720 | -0.003720 | -0.009807 | -0.009807 | -0.008968 | -0.008968 | -0.016508 | -0.016508 | -0.010502 | -0.010502 | -0.009754 | -0.009754 | -0.006651 | -0.006651 | -0.001782 | -0.001782 | -0.018501 | -0.018501 | -0.005289 | -0.005289 | -0.005075 | -0.005075 | -0.012140 | -0.012140 | -0.034326 | -0.034326 | -0.040022 | -0.040022 | -0.045095 | -0.045095 | -0.039547 | -0.039547 | -0.034300 | -0.034300 | -0.007704 | -0.007704 | 0.051044 | 0.051044 | 0.034961 | 0.034961 |
| 0.079486 | 0.010664 | 0.031664 | 0.017268 | 0.019607 | -0.010710 | -0.010710 | -0.008364 | -0.008364 | -0.030226 | -0.030226 | -0.009113 | -0.009113 | -0.022141 | -0.022141 | -0.024167 | -0.024167 | -0.016179 | -0.016179 | -0.005337 | -0.005337 | -0.000751 | -0.000751 | -0.008234 | -0.008234 | -0.008642 | -0.008642 | -0.011164 | -0.011164 | -0.019579 | -0.019579 | -0.001926 | -0.001926 | 0.003846 | 0.003846 | 0.003509 | 0.003509 | -0.005834 | -0.005834 | -0.003825 | -0.003825 | -0.012906 | -0.012906 | -0.012056 | -0.012056 | -0.023751 | -0.023751 | -0.041383 | -0.041383 | -0.049620 | -0.049620 | -0.032938 | -0.032938 | -0.021174 | -0.021174 | -0.011070 | -0.011070 | -0.004525 | -0.004525 | 0.033234 | 0.033234 |
| 0.082172 | 0.010667 | 0.045212 | 0.025975 | 0.033280 | 0.003086 | 0.003086 | 0.002336 | 0.002336 | -0.007499 | -0.007499 | -0.012877 | -0.012877 | -0.018221 | -0.018221 | -0.020661 | -0.020661 | -0.012460 | -0.012460 | 0.000938 | 0.000938 | 0.010093 | 0.010093 | -0.002983 | -0.002983 | 0.000010 | 0.000010 | -0.013561 | -0.013561 | -0.013380 | -0.013380 | -0.000281 | -0.000281 | 0.003034 | 0.003034 | 0.005186 | 0.005186 | -0.006535 | -0.006535 | -0.021073 | -0.021073 | -0.017326 | -0.017326 | -0.013646 | -0.013646 | -0.017442 | -0.017442 | -0.038353 | -0.038353 | -0.022200 | -0.022200 | -0.023716 | -0.023716 | -0.024258 | -0.024258 | -0.017237 | -0.017237 | 0.000703 | 0.000703 | 0.034292 | 0.034292 |
| 0.084857 | 0.01067 | 0.056332 | 0.034069 | 0.019659 | 0.023861 | 0.023861 | 0.010892 | 0.010892 | -0.009102 | -0.009102 | -0.029602 | -0.029602 | -0.012200 | -0.012200 | -0.016038 | -0.016038 | -0.003986 | -0.003986 | 0.000874 | 0.000874 | 0.004674 | 0.004674 | 0.005528 | 0.005528 | 0.004750 | 0.004750 | -0.001970 | -0.001970 | -0.006290 | -0.006290 | -0.000864 | -0.000864 | 0.005124 | 0.005124 | 0.006678 | 0.006678 | -0.015645 | -0.015645 | -0.028699 | -0.028699 | -0.017426 | -0.017426 | -0.015165 | -0.015165 | -0.018749 | -0.018749 | -0.029012 | -0.029012 | -0.017532 | -0.017532 | -0.008028 | -0.008028 | -0.029994 | -0.029994 | -0.019164 | -0.019164 | 0.012813 | 0.012813 | 0.026157 | 0.026157 |
| 0.087542 | 0.010673 | 0.034555 | 0.026476 | 0.009858 | 0.022243 | 0.022243 | 0.024059 | 0.024059 | -0.027006 | -0.027006 | -0.019193 | -0.019193 | -0.013521 | -0.013521 | -0.006921 | -0.006921 | -0.001151 | -0.001151 | 0.003672 | 0.003672 | 0.002217 | 0.002217 | 0.006026 | 0.006026 | 0.002029 | 0.002029 | 0.007265 | 0.007265 | 0.007499 | 0.007499 | 0.007861 | 0.007861 | 0.017374 | 0.017374 | 0.026166 | 0.026166 | -0.012125 | -0.012125 | -0.035737 | -0.035737 | -0.022459 | -0.022459 | -0.034118 | -0.034118 | -0.034428 | -0.034428 | -0.025420 | -0.025420 | -0.011407 | -0.011407 | -0.002886 | -0.002886 | -0.021556 | -0.021556 | -0.004644 | -0.004644 | 0.006489 | 0.006489 | 0.020740 | 0.020740 |
| 0.090228 | 0.010676 | 0.021547 | 0.016197 | -0.000782 | 0.010320 | 0.010320 | 0.006678 | 0.006678 | -0.020752 | -0.020752 | -0.002853 | -0.002853 | -0.008991 | -0.008991 | -0.005206 | -0.005206 | -0.010997 | -0.010997 | 0.006678 | 0.006678 | -0.001109 | -0.001109 | 0.009490 | 0.009490 | 0.005474 | 0.005474 | 0.007496 | 0.007496 | 0.018647 | 0.018647 | 0.005566 | 0.005566 | 0.024162 | 0.024162 | -0.005616 | -0.005616 | -0.015379 | -0.015379 | -0.032307 | -0.032307 | -0.024940 | -0.024940 | -0.022895 | -0.022895 | -0.023387 | -0.023387 | -0.018690 | -0.018690 | 0.010089 | 0.010089 | 0.005184 | 0.005184 | -0.015097 | -0.015097 | 0.000308 | 0.000308 | 0.005736 | 0.005736 | 0.023703 | 0.023703 |
| 0.092913 | 0.010679 | 0.023407 | 0.016449 | -0.002861 | 0.014681 | 0.014681 | -0.000382 | -0.000382 | -0.015743 | -0.015743 | 0.004592 | 0.004592 | -0.008879 | -0.008879 | -0.020375 | -0.020375 | -0.007012 | -0.007012 | 0.015660 | 0.015660 | 0.002406 | 0.002406 | 0.009662 | 0.009662 | 0.008651 | 0.008651 | 0.006758 | 0.006758 | 0.023516 | 0.023516 | 0.005146 | 0.005146 | 0.000025 | 0.000025 | -0.018701 | -0.018701 | -0.019979 | -0.019979 | -0.032176 | -0.032176 | -0.025423 | -0.025423 | -0.015080 | -0.015080 | -0.016390 | -0.016390 | -0.008242 | -0.008242 | 0.002240 | 0.002240 | -0.006282 | -0.006282 | 0.002881 | 0.002881 | 0.002273 | 0.002273 | 0.015098 | 0.015098 | 0.037304 | 0.037304 |
| 0.095599 | 0.010682 | 0.023542 | 0.013069 | 0.010126 | 0.001674 | 0.001674 | 0.002567 | 0.002567 | -0.004645 | -0.004645 | -0.002408 | -0.002408 | -0.000966 | -0.000966 | -0.010547 | -0.010547 | -0.009049 | -0.009049 | 0.009935 | 0.009935 | 0.006406 | 0.006406 | 0.004088 | 0.004088 | 0.013270 | 0.013270 | 0.020356 | 0.020356 | 0.016775 | 0.016775 | 0.002809 | 0.002809 | -0.006438 | -0.006438 | -0.016666 | -0.016666 | -0.019640 | -0.019640 | -0.029368 | -0.029368 | -0.023474 | -0.023474 | -0.012338 | -0.012338 | -0.012231 | -0.012231 | -0.005488 | -0.005488 | -0.008648 | -0.008648 | -0.005118 | -0.005118 | 0.007445 | 0.007445 | -0.002283 | -0.002283 | 0.010535 | 0.010535 | 0.049464 | 0.049464 |
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| 0.100969 | 0.010689 | 0.032335 | 0.020225 | 0.002285 | 0.007973 | 0.007973 | -0.003018 | -0.003018 | 0.002771 | 0.002771 | 0.006632 | 0.006632 | -0.001644 | -0.001644 | -0.005253 | -0.005253 | -0.002690 | -0.002690 | 0.015806 | 0.015806 | 0.009588 | 0.009588 | 0.009960 | 0.009960 | 0.013216 | 0.013216 | 0.028807 | 0.028807 | 0.011395 | 0.011395 | -0.000140 | -0.000140 | 0.010035 | 0.010035 | -0.001820 | -0.001820 | -0.019877 | -0.019877 | -0.051905 | -0.051905 | -0.023511 | -0.023511 | -0.040346 | -0.040346 | -0.001509 | -0.001509 | -0.007271 | -0.007271 | -0.004951 | -0.004951 | 0.001300 | 0.001300 | 0.003528 | 0.003528 | 0.006589 | 0.006589 | -0.002538 | -0.002538 | 0.015587 | 0.015587 |
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| 0.109026 | 0.010698 | 0.032203 | 0.014090 | 0.017953 | 0.014700 | 0.014700 | 0.003828 | 0.003828 | -0.014560 | -0.014560 | 0.004912 | 0.004912 | 0.008647 | 0.008647 | -0.000481 | -0.000481 | 0.001769 | 0.001769 | 0.010126 | 0.010126 | 0.015559 | 0.015559 | 0.007341 | 0.007341 | 0.026687 | 0.026687 | 0.027657 | 0.027657 | 0.017704 | 0.017704 | 0.017123 | 0.017123 | -0.008579 | -0.008579 | 0.004845 | 0.004845 | -0.003816 | -0.003816 | -0.012281 | -0.012281 | -0.023090 | -0.023090 | -0.006286 | -0.006286 | 0.008834 | 0.008834 | -0.003341 | -0.003341 | -0.008650 | -0.008650 | -0.007823 | -0.007823 | 0.003051 | 0.003051 | -0.002155 | -0.002155 | -0.003010 | -0.003010 | 0.005514 | 0.005514 |
| 0.111711 | 0.010701 | 0.020063 | 0.018051 | 0.009827 | 0.013237 | 0.013237 | 0.010647 | 0.010647 | -0.005944 | -0.005944 | 0.006822 | 0.006822 | -0.001386 | -0.001386 | 0.001047 | 0.001047 | 0.004153 | 0.004153 | 0.011156 | 0.011156 | 0.015780 | 0.015780 | 0.011447 | 0.011447 | 0.022982 | 0.022982 | 0.026413 | 0.026413 | 0.018492 | 0.018492 | 0.029711 | 0.029711 | 0.016715 | 0.016715 | 0.008302 | 0.008302 | -0.000022 | -0.000022 | -0.017454 | -0.017454 | -0.008544 | -0.008544 | 0.004222 | 0.004222 | 0.002643 | 0.002643 | -0.000919 | -0.000919 | -0.006906 | -0.006906 | 0.000751 | 0.000751 | -0.004292 | -0.004292 | -0.004860 | -0.004860 | -0.007848 | -0.007848 | 0.016782 | 0.016782 |
| 0.114396 | 0.010704 | 0.011163 | 0.027450 | 0.024834 | 0.023556 | 0.023556 | 0.021883 | 0.021883 | -0.001068 | -0.001068 | 0.003301 | 0.003301 | -0.003757 | -0.003757 | 0.001050 | 0.001050 | 0.002661 | 0.002661 | 0.019385 | 0.019385 | 0.015960 | 0.015960 | 0.014180 | 0.014180 | 0.018454 | 0.018454 | 0.024186 | 0.024186 | 0.013401 | 0.013401 | 0.028537 | 0.028537 | 0.019813 | 0.019813 | 0.009174 | 0.009174 | 0.006114 | 0.006114 | 0.000731 | 0.000731 | 0.007678 | 0.007678 | 0.006820 | 0.006820 | -0.000697 | -0.000697 | 0.001049 | 0.001049 | -0.002978 | -0.002978 | -0.010690 | -0.010690 | -0.005267 | -0.005267 | -0.014250 | -0.014250 | -0.002244 | -0.002244 | 0.000820 | 0.000820 |
| 0.117082 | 0.010707 | 0.014308 | 0.029866 | 0.027385 | 0.031800 | 0.031800 | 0.017477 | 0.017477 | 0.001191 | 0.001191 | 0.001213 | 0.001213 | -0.006268 | -0.006268 | 0.000156 | 0.000156 | 0.002362 | 0.002362 | 0.016988 | 0.016988 | 0.003897 | 0.003897 | 0.013412 | 0.013412 | 0.016019 | 0.016019 | 0.010127 | 0.010127 | 0.009402 | 0.009402 | 0.015071 | 0.015071 | 0.020563 | 0.020563 | 0.017660 | 0.017660 | -0.000160 | -0.000160 | 0.002611 | 0.002611 | 0.007641 | 0.007641 | 0.015395 | 0.015395 | 0.006600 | 0.006600 | 0.001952 | 0.001952 | -0.002653 | -0.002653 | -0.008477 | -0.008477 | -0.008322 | -0.008322 | -0.008063 | -0.008063 | -0.000626 | -0.000626 | -0.010082 | -0.010082 |
| 0.119767 | 0.01071 | 0.018350 | 0.024066 | 0.051214 | 0.027715 | 0.027715 | 0.021069 | 0.021069 | 0.004333 | 0.004333 | 0.004783 | 0.004783 | 0.001911 | 0.001911 | -0.001010 | -0.001010 | 0.007282 | 0.007282 | 0.010739 | 0.010739 | 0.008795 | 0.008795 | 0.009315 | 0.009315 | 0.002458 | 0.002458 | 0.014717 | 0.014717 | 0.012476 | 0.012476 | 0.013529 | 0.013529 | 0.016364 | 0.016364 | 0.027474 | 0.027474 | 0.010047 | 0.010047 | 0.028258 | 0.028258 | 0.035656 | 0.035656 | 0.014336 | 0.014336 | 0.005092 | 0.005092 | 0.006965 | 0.006965 | 0.010809 | 0.010809 | 0.002356 | 0.002356 | -0.004286 | -0.004286 | -0.004807 | -0.004807 | 0.002513 | 0.002513 | -0.008860 | -0.008860 |
| 0.122453 | 0.010713 | 0.023156 | 0.023428 | 0.030790 | 0.023079 | 0.023079 | 0.016369 | 0.016369 | 0.008902 | 0.008902 | 0.003204 | 0.003204 | 0.005455 | 0.005455 | 0.000235 | 0.000235 | 0.018288 | 0.018288 | 0.020462 | 0.020462 | 0.015018 | 0.015018 | 0.016121 | 0.016121 | 0.012314 | 0.012314 | 0.018521 | 0.018521 | 0.021529 | 0.021529 | 0.027646 | 0.027646 | 0.020385 | 0.020385 | 0.024182 | 0.024182 | 0.018640 | 0.018640 | 0.039188 | 0.039188 | 0.035286 | 0.035286 | 0.022937 | 0.022937 | 0.010571 | 0.010571 | 0.004526 | 0.004526 | 0.025579 | 0.025579 | 0.018630 | 0.018630 | 0.005464 | 0.005464 | -0.011508 | -0.011508 | -0.013045 | -0.013045 | -0.008012 | -0.008012 |
| 0.125138 | 0.010717 | 0.030215 | 0.030996 | 0.034718 | 0.013665 | 0.013665 | 0.017049 | 0.017049 | 0.009239 | 0.009239 | 0.011424 | 0.011424 | 0.012257 | 0.012257 | 0.004430 | 0.004430 | 0.018054 | 0.018054 | 0.026872 | 0.026872 | 0.021100 | 0.021100 | 0.017250 | 0.017250 | 0.017192 | 0.017192 | 0.024609 | 0.024609 | 0.026312 | 0.026312 | 0.025647 | 0.025647 | 0.030611 | 0.030611 | 0.033321 | 0.033321 | 0.032483 | 0.032483 | 0.033893 | 0.033893 | 0.022696 | 0.022696 | 0.020870 | 0.020870 | 0.024021 | 0.024021 | 0.020390 | 0.020390 | 0.020196 | 0.020196 | 0.023866 | 0.023866 | 0.011835 | 0.011835 | 0.002784 | 0.002784 | -0.009766 | -0.009766 | -0.003016 | -0.003016 |
| 0.127823 | 0.01072 | 0.022510 | 0.030329 | 0.032456 | 0.023430 | 0.023430 | 0.013688 | 0.013688 | 0.012602 | 0.012602 | 0.014381 | 0.014381 | 0.013473 | 0.013473 | 0.012297 | 0.012297 | 0.017196 | 0.017196 | 0.025909 | 0.025909 | 0.016727 | 0.016727 | 0.021572 | 0.021572 | 0.018939 | 0.018939 | 0.025017 | 0.025017 | 0.022744 | 0.022744 | 0.024439 | 0.024439 | 0.030710 | 0.030710 | 0.032883 | 0.032883 | 0.028300 | 0.028300 | 0.016652 | 0.016652 | 0.015185 | 0.015185 | 0.018112 | 0.018112 | 0.023143 | 0.023143 | 0.023905 | 0.023905 | 0.024015 | 0.024015 | 0.015328 | 0.015328 | 0.013245 | 0.013245 | 0.004751 | 0.004751 | -0.007743 | -0.007743 | -0.005940 | -0.005940 |
| 0.130509 | 0.010723 | 0.024107 | 0.034202 | 0.030620 | 0.029711 | 0.029711 | 0.018351 | 0.018351 | 0.012222 | 0.012222 | 0.015464 | 0.015464 | 0.016710 | 0.016710 | 0.024130 | 0.024130 | 0.019282 | 0.019282 | 0.031197 | 0.031197 | 0.019289 | 0.019289 | 0.016058 | 0.016058 | 0.018468 | 0.018468 | 0.021804 | 0.021804 | 0.018335 | 0.018335 | 0.020739 | 0.020739 | 0.025966 | 0.025966 | 0.026706 | 0.026706 | 0.023365 | 0.023365 | 0.020528 | 0.020528 | 0.018074 | 0.018074 | 0.016926 | 0.016926 | 0.019149 | 0.019149 | 0.019348 | 0.019348 | 0.022730 | 0.022730 | 0.024052 | 0.024052 | -0.002914 | -0.002914 | 0.007945 | 0.007945 | 0.001264 | 0.001264 | 0.012309 | 0.012309 |
| 0.133194 | 0.010726 | 0.022454 | 0.025163 | 0.031770 | 0.033147 | 0.033147 | 0.021201 | 0.021201 | 0.012165 | 0.012165 | 0.014704 | 0.014704 | 0.015625 | 0.015625 | 0.033017 | 0.033017 | 0.017234 | 0.017234 | 0.029836 | 0.029836 | 0.036077 | 0.036077 | 0.022569 | 0.022569 | 0.025096 | 0.025096 | 0.023907 | 0.023907 | 0.020166 | 0.020166 | 0.021917 | 0.021917 | 0.026710 | 0.026710 | 0.023271 | 0.023271 | 0.021102 | 0.021102 | 0.021640 | 0.021640 | 0.023830 | 0.023830 | 0.017624 | 0.017624 | 0.013758 | 0.013758 | 0.024730 | 0.024730 | 0.025453 | 0.025453 | 0.011932 | 0.011932 | 0.001766 | 0.001766 | 0.005705 | 0.005705 | 0.011606 | 0.011606 | 0.013613 | 0.013613 |
| 0.13588 | 0.010729 | 0.018466 | -0.000321 | 0.027613 | 0.031220 | 0.031220 | 0.023817 | 0.023817 | 0.011633 | 0.011633 | 0.009390 | 0.009390 | 0.019092 | 0.019092 | 0.022907 | 0.022907 | 0.017556 | 0.017556 | 0.023526 | 0.023526 | 0.016767 | 0.016767 | 0.023663 | 0.023663 | 0.026260 | 0.026260 | 0.028704 | 0.028704 | 0.026538 | 0.026538 | 0.024146 | 0.024146 | 0.026287 | 0.026287 | 0.022795 | 0.022795 | 0.025205 | 0.025205 | 0.026905 | 0.026905 | 0.031071 | 0.031071 | 0.024840 | 0.024840 | 0.018820 | 0.018820 | 0.022986 | 0.022986 | 0.018303 | 0.018303 | 0.017963 | 0.017963 | 0.009780 | 0.009780 | -0.007651 | -0.007651 | 0.008529 | 0.008529 | 0.017050 | 0.017050 |
| 0.136946 | 0.012347 | 0.019454 | 0.001543 | 0.027334 | 0.026251 | 0.026251 | 0.027615 | 0.027615 | 0.016632 | 0.016632 | 0.016595 | 0.016595 | 0.021759 | 0.021759 | 0.016521 | 0.016521 | 0.021034 | 0.021034 | 0.032624 | 0.032624 | 0.024386 | 0.024386 | 0.028110 | 0.028110 | 0.027384 | 0.027384 | 0.025667 | 0.025667 | 0.030973 | 0.030973 | 0.031863 | 0.031863 | 0.024819 | 0.024819 | 0.021413 | 0.021413 | 0.024469 | 0.024469 | 0.024052 | 0.024052 | 0.027063 | 0.027063 | 0.025160 | 0.025160 | 0.022319 | 0.022319 | 0.017270 | 0.017270 | 0.014690 | 0.014690 | 0.016576 | 0.016576 | 0.017052 | 0.017052 | -0.002008 | -0.002008 | 0.012944 | 0.012944 | 0.015450 | 0.015450 |
| 0.136941 | 0.015032 | 0.021972 | 0.031655 | 0.036305 | 0.024954 | 0.024954 | 0.024468 | 0.024468 | 0.024749 | 0.024749 | 0.023709 | 0.023709 | 0.024648 | 0.024648 | 0.025570 | 0.025570 | 0.030846 | 0.030846 | 0.051523 | 0.051523 | 0.035897 | 0.035897 | 0.029544 | 0.029544 | 0.030900 | 0.030900 | 0.034987 | 0.034987 | 0.034841 | 0.034841 | 0.040019 | 0.040019 | 0.030912 | 0.030912 | 0.018173 | 0.018173 | 0.016340 | 0.016340 | 0.023434 | 0.023434 | 0.020827 | 0.020827 | 0.019115 | 0.019115 | 0.024355 | 0.024355 | 0.013974 | 0.013974 | 0.019485 | 0.019485 | 0.020483 | 0.020483 | 0.022659 | 0.022659 | 0.023221 | 0.023221 | 0.020370 | 0.020370 | 0.024720 | 0.024720 |
| 0.136937 | 0.017718 | 0.021238 | 0.040100 | 0.036084 | 0.017218 | 0.017218 | 0.020237 | 0.020237 | 0.029427 | 0.029427 | 0.027848 | 0.027848 | 0.027026 | 0.027026 | 0.019772 | 0.019772 | 0.040316 | 0.040316 | 0.048794 | 0.048794 | 0.031995 | 0.031995 | 0.025930 | 0.025930 | 0.032042 | 0.032042 | 0.029325 | 0.029325 | 0.028940 | 0.028940 | 0.029686 | 0.029686 | 0.029087 | 0.029087 | 0.026526 | 0.026526 | 0.021871 | 0.021871 | 0.030446 | 0.030446 | 0.017390 | 0.017390 | 0.025518 | 0.025518 | 0.025273 | 0.025273 | 0.016710 | 0.016710 | 0.013227 | 0.013227 | 0.017368 | 0.017368 | 0.020422 | 0.020422 | 0.031778 | 0.031778 | 0.022957 | 0.022957 | 0.019718 | 0.019718 |
| 0.136932 | 0.020403 | 0.019975 | 0.045628 | 0.032645 | 0.025304 | 0.025304 | 0.026426 | 0.026426 | 0.030659 | 0.030659 | 0.027440 | 0.027440 | 0.025205 | 0.025205 | 0.022021 | 0.022021 | 0.029384 | 0.029384 | 0.026823 | 0.026823 | 0.027556 | 0.027556 | 0.022298 | 0.022298 | 0.027818 | 0.027818 | 0.021299 | 0.021299 | 0.018155 | 0.018155 | 0.023889 | 0.023889 | 0.026481 | 0.026481 | 0.018171 | 0.018171 | 0.020737 | 0.020737 | 0.019464 | 0.019464 | 0.016296 | 0.016296 | 0.017593 | 0.017593 | 0.022843 | 0.022843 | 0.020150 | 0.020150 | 0.021807 | 0.021807 | 0.016385 | 0.016385 | 0.021053 | 0.021053 | 0.028621 | 0.028621 | 0.019802 | 0.019802 | 0.014969 | 0.014969 |
| 0.136928 | 0.023089 | 0.014129 | 0.027861 | 0.030342 | 0.036262 | 0.036262 | 0.026739 | 0.026739 | 0.029010 | 0.029010 | 0.013711 | 0.013711 | 0.014358 | 0.014358 | 0.010202 | 0.010202 | 0.013892 | 0.013892 | 0.020335 | 0.020335 | 0.028760 | 0.028760 | 0.015905 | 0.015905 | 0.020287 | 0.020287 | 0.017615 | 0.017615 | 0.021517 | 0.021517 | 0.020160 | 0.020160 | 0.017655 | 0.017655 | 0.017816 | 0.017816 | 0.021263 | 0.021263 | 0.016700 | 0.016700 | 0.007632 | 0.007632 | 0.018204 | 0.018204 | 0.018192 | 0.018192 | 0.012686 | 0.012686 | 0.024736 | 0.024736 | 0.016956 | 0.016956 | 0.020102 | 0.020102 | 0.030686 | 0.030686 | 0.044706 | 0.044706 | 0.018273 | 0.018273 |
| 0.136924 | 0.025774 | 0.012722 | 0.026058 | 0.034584 | 0.031390 | 0.031390 | 0.013308 | 0.013308 | 0.007637 | 0.007637 | -0.003813 | -0.003813 | -0.001597 | -0.001597 | 0.004792 | 0.004792 | 0.002233 | 0.002233 | 0.009741 | 0.009741 | 0.007036 | 0.007036 | 0.009495 | 0.009495 | 0.008767 | 0.008767 | 0.004754 | 0.004754 | 0.012839 | 0.012839 | 0.018705 | 0.018705 | 0.017430 | 0.017430 | 0.017978 | 0.017978 | 0.013125 | 0.013125 | 0.021944 | 0.021944 | 0.013669 | 0.013669 | 0.012488 | 0.012488 | 0.013761 | 0.013761 | 0.004256 | 0.004256 | 0.013203 | 0.013203 | 0.015370 | 0.015370 | 0.021283 | 0.021283 | 0.024065 | 0.024065 | 0.031227 | 0.031227 | 0.017514 | 0.017514 |
| 0.136919 | 0.028459 | 0.011713 | 0.015002 | 0.021955 | 0.011642 | 0.011642 | -0.004166 | -0.004166 | -0.007041 | -0.007041 | -0.009965 | -0.009965 | -0.008010 | -0.008010 | 0.000220 | 0.000220 | 0.002503 | 0.002503 | 0.011087 | 0.011087 | 0.003567 | 0.003567 | 0.006858 | 0.006858 | 0.008430 | 0.008430 | -0.003704 | -0.003704 | 0.008243 | 0.008243 | 0.011569 | 0.011569 | 0.015287 | 0.015287 | 0.017120 | 0.017120 | 0.013054 | 0.013054 | 0.014855 | 0.014855 | 0.013966 | 0.013966 | 0.006352 | 0.006352 | 0.009300 | 0.009300 | 0.007139 | 0.007139 | 0.009569 | 0.009569 | 0.014115 | 0.014115 | 0.017659 | 0.017659 | 0.021310 | 0.021310 | 0.023981 | 0.023981 | 0.017543 | 0.017543 |
| 0.136915 | 0.031145 | 0.003482 | -0.001027 | 0.003814 | -0.022657 | -0.022657 | -0.013689 | -0.013689 | -0.030622 | -0.030622 | -0.010664 | -0.010664 | -0.001896 | -0.001896 | 0.000159 | 0.000159 | 0.000438 | 0.000438 | 0.011305 | 0.011305 | 0.010134 | 0.010134 | 0.010022 | 0.010022 | 0.011240 | 0.011240 | 0.006268 | 0.006268 | 0.010130 | 0.010130 | 0.012814 | 0.012814 | 0.011032 | 0.011032 | 0.021816 | 0.021816 | 0.006703 | 0.006703 | 0.009325 | 0.009325 | 0.009691 | 0.009691 | 0.004274 | 0.004274 | 0.007300 | 0.007300 | 0.008716 | 0.008716 | 0.013034 | 0.013034 | 0.014223 | 0.014223 | 0.011957 | 0.011957 | 0.022606 | 0.022606 | 0.022774 | 0.022774 | 0.016714 | 0.016714 |
| 0.13691 | 0.03383 | -0.003679 | -0.015269 | -0.020589 | -0.025320 | -0.025320 | -0.025004 | -0.025004 | -0.013474 | -0.013474 | -0.007774 | -0.007774 | -0.009534 | -0.009534 | -0.004711 | -0.004711 | -0.003854 | -0.003854 | 0.013722 | 0.013722 | 0.007809 | 0.007809 | 0.010266 | 0.010266 | 0.015538 | 0.015538 | 0.018183 | 0.018183 | 0.016112 | 0.016112 | 0.012924 | 0.012924 | 0.008288 | 0.008288 | 0.009008 | 0.009008 | -0.003589 | -0.003589 | 0.004436 | 0.004436 | 0.006018 | 0.006018 | 0.004711 | 0.004711 | 0.000324 | 0.000324 | 0.005529 | 0.005529 | 0.003120 | 0.003120 | 0.003759 | 0.003759 | -0.001530 | -0.001530 | 0.013148 | 0.013148 | 0.008607 | 0.008607 | 0.014269 | 0.014269 |
| 0.136906 | 0.036516 | -0.002321 | -0.013309 | -0.019178 | -0.017996 | -0.017996 | -0.017482 | -0.017482 | -0.017208 | -0.017208 | -0.010110 | -0.010110 | -0.008038 | -0.008038 | -0.008344 | -0.008344 | -0.010414 | -0.010414 | 0.005068 | 0.005068 | 0.005882 | 0.005882 | 0.009492 | 0.009492 | 0.012015 | 0.012015 | 0.014926 | 0.014926 | 0.023328 | 0.023328 | 0.031416 | 0.031416 | 0.013032 | 0.013032 | 0.004527 | 0.004527 | -0.003992 | -0.003992 | 0.002504 | 0.002504 | 0.001820 | 0.001820 | 0.007428 | 0.007428 | -0.000497 | -0.000497 | 0.002170 | 0.002170 | -0.004134 | -0.004134 | -0.003652 | -0.003652 | 0.000383 | 0.000383 | 0.002977 | 0.002977 | -0.004895 | -0.004895 | -0.000056 | -0.000056 |
| 0.136902 | 0.039201 | -0.004995 | -0.015666 | 0.004761 | -0.017931 | -0.017931 | -0.022355 | -0.022355 | -0.016880 | -0.016880 | -0.005523 | -0.005523 | -0.014880 | -0.014880 | -0.021175 | -0.021175 | -0.017172 | -0.017172 | -0.007759 | -0.007759 | -0.007812 | -0.007812 | 0.004444 | 0.004444 | -0.003633 | -0.003633 | 0.004556 | 0.004556 | 0.002162 | 0.002162 | 0.021056 | 0.021056 | 0.010930 | 0.010930 | 0.007757 | 0.007757 | 0.010397 | 0.010397 | 0.000570 | 0.000570 | 0.000506 | 0.000506 | 0.006376 | 0.006376 | 0.001036 | 0.001036 | -0.001773 | -0.001773 | -0.002937 | -0.002937 | -0.005893 | -0.005893 | 0.001052 | 0.001052 | 0.003141 | 0.003141 | -0.000574 | -0.000574 | 0.000951 | 0.000951 |
| 0.136897 | 0.041886 | -0.010997 | -0.020411 | 0.024399 | -0.015493 | -0.015493 | -0.034155 | -0.034155 | -0.019325 | -0.019325 | -0.016235 | -0.016235 | -0.029469 | -0.029469 | -0.034592 | -0.034592 | -0.021819 | -0.021819 | -0.022081 | -0.022081 | -0.019814 | -0.019814 | -0.014614 | -0.014614 | -0.031623 | -0.031623 | -0.018388 | -0.018388 | -0.015403 | -0.015403 | 0.000882 | 0.000882 | -0.003415 | -0.003415 | -0.004185 | -0.004185 | 0.008425 | 0.008425 | 0.007039 | 0.007039 | 0.004100 | 0.004100 | -0.000683 | -0.000683 | 0.002006 | 0.002006 | 0.009305 | 0.009305 | -0.001013 | -0.001013 | 0.000795 | 0.000795 | 0.004814 | 0.004814 | -0.001635 | -0.001635 | -0.000542 | -0.000542 | 0.017895 | 0.017895 |
| 0.136893 | 0.044572 | -0.014870 | -0.019489 | -0.023107 | -0.027669 | -0.027669 | -0.029792 | -0.029792 | -0.024263 | -0.024263 | -0.037536 | -0.037536 | -0.032134 | -0.032134 | -0.044944 | -0.044944 | -0.033101 | -0.033101 | -0.026207 | -0.026207 | -0.025886 | -0.025886 | -0.023660 | -0.023660 | -0.033600 | -0.033600 | -0.024518 | -0.024518 | -0.017832 | -0.017832 | -0.010063 | -0.010063 | -0.010370 | -0.010370 | -0.015300 | -0.015300 | -0.006703 | -0.006703 | 0.004791 | 0.004791 | 0.007325 | 0.007325 | 0.003299 | 0.003299 | -0.001488 | -0.001488 | 0.010620 | 0.010620 | 0.000055 | 0.000055 | 0.004525 | 0.004525 | 0.003417 | 0.003417 | -0.000791 | -0.000791 | -0.001738 | -0.001738 | 0.022245 | 0.022245 |
| 0.136888 | 0.047257 | -0.017036 | -0.028746 | -0.025355 | -0.036471 | -0.036471 | -0.028029 | -0.028029 | -0.040289 | -0.040289 | -0.041215 | -0.041215 | -0.060696 | -0.060696 | -0.025368 | -0.025368 | -0.048984 | -0.048984 | -0.035477 | -0.035477 | -0.030538 | -0.030538 | -0.030784 | -0.030784 | -0.024058 | -0.024058 | -0.026324 | -0.026324 | -0.027242 | -0.027242 | -0.027867 | -0.027867 | -0.012861 | -0.012861 | -0.004230 | -0.004230 | -0.009556 | -0.009556 | -0.022999 | -0.022999 | -0.001051 | -0.001051 | 0.001244 | 0.001244 | 0.003796 | 0.003796 | -0.000694 | -0.000694 | -0.003047 | -0.003047 | 0.003231 | 0.003231 | -0.001860 | -0.001860 | 0.003036 | 0.003036 | -0.004116 | -0.004116 | 0.004077 | 0.004077 |
| 0.136884 | 0.049943 | -0.036167 | -0.039070 | -0.049022 | -0.039628 | -0.039628 | -0.047196 | -0.047196 | -0.042984 | -0.042984 | -0.046242 | -0.046242 | -0.061240 | -0.061240 | -0.010712 | -0.010712 | -0.066973 | -0.066973 | -0.051697 | -0.051697 | -0.040507 | -0.040507 | -0.042000 | -0.042000 | -0.024508 | -0.024508 | -0.024693 | -0.024693 | -0.027676 | -0.027676 | -0.041721 | -0.041721 | -0.022272 | -0.022272 | -0.017618 | -0.017618 | -0.002637 | -0.002637 | -0.014758 | -0.014758 | -0.006107 | -0.006107 | -0.014684 | -0.014684 | 0.005191 | 0.005191 | 0.000253 | 0.000253 | -0.002242 | -0.002242 | -0.008224 | -0.008224 | 0.002183 | 0.002183 | 0.002459 | 0.002459 | 0.005000 | 0.005000 | -0.005858 | -0.005858 |
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| 0.136871 | 0.057999 | -0.019619 | -0.022406 | -0.034274 | -0.037425 | -0.037425 | -0.042781 | -0.042781 | -0.045701 | -0.045701 | -0.034805 | -0.034805 | -0.044882 | -0.044882 | -0.040284 | -0.040284 | -0.029383 | -0.029383 | -0.016083 | -0.016083 | -0.029385 | -0.029385 | -0.032082 | -0.032082 | -0.036605 | -0.036605 | -0.046191 | -0.046191 | -0.028123 | -0.028123 | -0.027233 | -0.027233 | -0.027305 | -0.027305 | -0.037101 | -0.037101 | -0.030887 | -0.030887 | -0.028856 | -0.028856 | -0.024835 | -0.024835 | -0.017998 | -0.017998 | -0.007232 | -0.007232 | -0.015670 | -0.015670 | -0.005804 | -0.005804 | 0.001650 | 0.001650 | 0.001213 | 0.001213 | 0.005844 | 0.005844 | 0.012351 | 0.012351 | 0.010389 | 0.010389 |
| 0.136866 | 0.060684 | -0.014238 | -0.019733 | -0.022182 | -0.033342 | -0.033342 | -0.058884 | -0.058884 | -0.058683 | -0.058683 | -0.040631 | -0.040631 | -0.042577 | -0.042577 | -0.025192 | -0.025192 | -0.020981 | -0.020981 | 0.002036 | 0.002036 | -0.019143 | -0.019143 | -0.016885 | -0.016885 | -0.031495 | -0.031495 | -0.044850 | -0.044850 | -0.024611 | -0.024611 | -0.032272 | -0.032272 | -0.019594 | -0.019594 | -0.033397 | -0.033397 | -0.028204 | -0.028204 | -0.033132 | -0.033132 | -0.044459 | -0.044459 | -0.029064 | -0.029064 | -0.005330 | -0.005330 | -0.017321 | -0.017321 | -0.012301 | -0.012301 | -0.003912 | -0.003912 | -0.004436 | -0.004436 | 0.005680 | 0.005680 | 0.009965 | 0.009965 | 0.009789 | 0.009789 |
| 0.136862 | 0.06337 | -0.008157 | -0.006940 | -0.008408 | -0.011674 | -0.011674 | -0.052444 | -0.052444 | -0.057670 | -0.057670 | -0.046652 | -0.046652 | -0.030776 | -0.030776 | -0.020771 | -0.020771 | -0.020368 | -0.020368 | -0.002677 | -0.002677 | -0.014438 | -0.014438 | 0.000747 | 0.000747 | -0.013252 | -0.013252 | -0.019953 | -0.019953 | -0.025551 | -0.025551 | -0.042269 | -0.042269 | -0.023890 | -0.023890 | -0.040882 | -0.040882 | -0.036555 | -0.036555 | -0.026547 | -0.026547 | -0.044383 | -0.044383 | -0.039572 | -0.039572 | -0.014749 | -0.014749 | -0.020493 | -0.020493 | -0.029061 | -0.029061 | -0.014999 | -0.014999 | -0.011387 | -0.011387 | 0.003707 | 0.003707 | 0.003839 | 0.003839 | 0.005637 | 0.005637 |
| 0.136858 | 0.066055 | 0.007266 | 0.006828 | -0.000403 | -0.018050 | -0.018050 | -0.024037 | -0.024037 | -0.030466 | -0.030466 | -0.036852 | -0.036852 | -0.025112 | -0.025112 | -0.011297 | -0.011297 | -0.013024 | -0.013024 | 0.002818 | 0.002818 | -0.005234 | -0.005234 | -0.004121 | -0.004121 | -0.003418 | -0.003418 | -0.012662 | -0.012662 | -0.014353 | -0.014353 | -0.034512 | -0.034512 | -0.030474 | -0.030474 | -0.038919 | -0.038919 | -0.042125 | -0.042125 | -0.028423 | -0.028423 | -0.034826 | -0.034826 | -0.037403 | -0.037403 | -0.030359 | -0.030359 | -0.024619 | -0.024619 | -0.046286 | -0.046286 | -0.033757 | -0.033757 | -0.017397 | -0.017397 | -0.001205 | -0.001205 | -0.004780 | -0.004780 | -0.002491 | -0.002491 |
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| 0.136844 | 0.074111 | -0.033463 | -0.055653 | -0.032185 | -0.061458 | -0.061458 | -0.022274 | -0.022274 | -0.014555 | -0.014555 | -0.032491 | -0.032491 | -0.015510 | -0.015510 | -0.009709 | -0.009709 | 0.000863 | 0.000863 | 0.000100 | 0.000100 | -0.008106 | -0.008106 | -0.014038 | -0.014038 | -0.008528 | -0.008528 | -0.013953 | -0.013953 | -0.014400 | -0.014400 | -0.020907 | -0.020907 | -0.028736 | -0.028736 | -0.024963 | -0.024963 | -0.032636 | -0.032636 | -0.022725 | -0.022725 | -0.027515 | -0.027515 | -0.030864 | -0.030864 | -0.035059 | -0.035059 | -0.039807 | -0.039807 | -0.038410 | -0.038410 | -0.057800 | -0.057800 | -0.034343 | -0.034343 | -0.028491 | -0.028491 | -0.012049 | -0.012049 | -0.019441 | -0.019441 |
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| 0.136827 | 0.084853 | -0.001813 | -0.016134 | -0.004551 | -0.013902 | -0.013902 | 0.005152 | 0.005152 | -0.010119 | -0.010119 | 0.012134 | 0.012134 | -0.010638 | -0.010638 | 0.013571 | 0.013571 | 0.004116 | 0.004116 | 0.008600 | 0.008600 | 0.020279 | 0.020279 | 0.020107 | 0.020107 | 0.012570 | 0.012570 | -0.003065 | -0.003065 | -0.001239 | -0.001239 | -0.002142 | -0.002142 | 0.011822 | 0.011822 | 0.016613 | 0.016613 | -0.008014 | -0.008014 | -0.008259 | -0.008259 | -0.030958 | -0.030958 | -0.053946 | -0.053946 | -0.034176 | -0.034176 | -0.024751 | -0.024751 | -0.021943 | -0.021943 | -0.025806 | -0.025806 | -0.021823 | -0.021823 | -0.016373 | -0.016373 | -0.014539 | -0.014539 | -0.022490 | -0.022490 |
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| 0.136818 | 0.090224 | -0.001633 | -0.000388 | -0.022369 | -0.041716 | -0.041716 | -0.011721 | -0.011721 | -0.024929 | -0.024929 | -0.005070 | -0.005070 | -0.050166 | -0.050166 | 0.001475 | 0.001475 | 0.001670 | 0.001670 | 0.016763 | 0.016763 | 0.012225 | 0.012225 | 0.012880 | 0.012880 | 0.004492 | 0.004492 | 0.002129 | 0.002129 | -0.003268 | -0.003268 | -0.006063 | -0.006063 | 0.007603 | 0.007603 | 0.006451 | 0.006451 | 0.002554 | 0.002554 | -0.000250 | -0.000250 | 0.003295 | 0.003295 | -0.001271 | -0.001271 | -0.016349 | -0.016349 | -0.039348 | -0.039348 | -0.066998 | -0.066998 | -0.032281 | -0.032281 | -0.031478 | -0.031478 | -0.016214 | -0.016214 | -0.016292 | -0.016292 | -0.012896 | -0.012896 |
| 0.136814 | 0.092909 | -0.002980 | -0.003833 | -0.012880 | -0.037815 | -0.037815 | -0.026351 | -0.026351 | -0.025985 | -0.025985 | -0.003635 | -0.003635 | -0.033761 | -0.033761 | -0.015386 | -0.015386 | 0.005453 | 0.005453 | 0.004786 | 0.004786 | 0.008843 | 0.008843 | 0.016280 | 0.016280 | -0.010995 | -0.010995 | -0.009374 | -0.009374 | -0.001951 | -0.001951 | -0.003455 | -0.003455 | 0.006325 | 0.006325 | -0.004050 | -0.004050 | 0.000565 | 0.000565 | -0.012076 | -0.012076 | 0.002159 | 0.002159 | -0.002922 | -0.002922 | -0.007452 | -0.007452 | -0.016336 | -0.016336 | -0.037659 | -0.037659 | -0.027258 | -0.027258 | -0.044303 | -0.044303 | -0.008276 | -0.008276 | 0.010008 | 0.010008 | -0.003961 | -0.003961 |
| 0.136809 | 0.095594 | 0.002711 | 0.004795 | 0.007812 | -0.015730 | -0.015730 | -0.033246 | -0.033246 | -0.025726 | -0.025726 | -0.016779 | -0.016779 | -0.015072 | -0.015072 | -0.009052 | -0.009052 | 0.007767 | 0.007767 | -0.007210 | -0.007210 | 0.035424 | 0.035424 | 0.018958 | 0.018958 | 0.004356 | 0.004356 | -0.009635 | -0.009635 | -0.002203 | -0.002203 | -0.000437 | -0.000437 | 0.000850 | 0.000850 | -0.003599 | -0.003599 | 0.001950 | 0.001950 | -0.003459 | -0.003459 | -0.000563 | -0.000563 | -0.006286 | -0.006286 | -0.006239 | -0.006239 | -0.016101 | -0.016101 | -0.022985 | -0.022985 | -0.019609 | -0.019609 | -0.031008 | -0.031008 | -0.007535 | -0.007535 | -0.016487 | -0.016487 | -0.004558 | -0.004558 |
| 0.136805 | 0.09828 | -0.001648 | -0.004262 | 0.006738 | -0.009457 | -0.009457 | -0.024994 | -0.024994 | -0.010282 | -0.010282 | -0.012470 | -0.012470 | -0.014018 | -0.014018 | 0.004047 | 0.004047 | 0.013142 | 0.013142 | 0.006197 | 0.006197 | 0.020610 | 0.020610 | 0.012719 | 0.012719 | 0.006702 | 0.006702 | 0.003419 | 0.003419 | -0.001795 | -0.001795 | 0.006806 | 0.006806 | -0.001354 | -0.001354 | -0.000246 | -0.000246 | 0.002670 | 0.002670 | 0.002301 | 0.002301 | -0.004170 | -0.004170 | -0.014322 | -0.014322 | -0.001821 | -0.001821 | -0.015721 | -0.015721 | -0.037746 | -0.037746 | -0.020761 | -0.020761 | -0.025723 | -0.025723 | -0.013043 | -0.013043 | -0.013040 | -0.013040 | -0.007872 | -0.007872 |
| 0.136266 | 0.10043 | -0.002109 | -0.005058 | -0.000778 | -0.002697 | -0.002697 | -0.014054 | -0.014054 | -0.009376 | -0.009376 | -0.004566 | -0.004566 | -0.012522 | -0.012522 | 0.012330 | 0.012330 | 0.025835 | 0.025835 | 0.011846 | 0.011846 | 0.006692 | 0.006692 | 0.007903 | 0.007903 | 0.007988 | 0.007988 | 0.019598 | 0.019598 | 0.006008 | 0.006008 | 0.006323 | 0.006323 | 0.000023 | 0.000023 | 0.001336 | 0.001336 | 0.000507 | 0.000507 | 0.004964 | 0.004964 | 0.001820 | 0.001820 | -0.002831 | -0.002831 | 0.002737 | 0.002737 | -0.009044 | -0.009044 | -0.019350 | -0.019350 | -0.027334 | -0.027334 | -0.018849 | -0.018849 | -0.029493 | -0.029493 | -0.023567 | -0.023567 | -0.006830 | -0.006830 |
| 0.133581 | 0.100433 | -0.001505 | 0.001696 | -0.000769 | -0.000047 | -0.000047 | -0.005169 | -0.005169 | -0.014361 | -0.014361 | -0.015607 | -0.015607 | -0.002495 | -0.002495 | 0.012650 | 0.012650 | 0.009742 | 0.009742 | 0.016640 | 0.016640 | 0.012394 | 0.012394 | 0.001835 | 0.001835 | 0.005687 | 0.005687 | 0.003837 | 0.003837 | 0.003269 | 0.003269 | 0.006287 | 0.006287 | 0.006545 | 0.006545 | -0.004174 | -0.004174 | -0.000321 | -0.000321 | 0.002784 | 0.002784 | 0.004261 | 0.004261 | 0.005257 | 0.005257 | 0.014945 | 0.014945 | 0.006846 | 0.006846 | -0.012340 | -0.012340 | -0.014821 | -0.014821 | -0.037039 | -0.037039 | -0.044462 | -0.044462 | -0.032390 | -0.032390 | -0.016719 | -0.016719 |
| 0.130895 | 0.100437 | 0.010338 | -0.001280 | 0.000906 | 0.010254 | 0.010254 | -0.003317 | -0.003317 | -0.011266 | -0.011266 | -0.017797 | -0.017797 | 0.003304 | 0.003304 | 0.008999 | 0.008999 | -0.000093 | -0.000093 | 0.029140 | 0.029140 | 0.012847 | 0.012847 | 0.014526 | 0.014526 | 0.010607 | 0.010607 | -0.000375 | -0.000375 | 0.003413 | 0.003413 | 0.016355 | 0.016355 | 0.004152 | 0.004152 | 0.003678 | 0.003678 | -0.002235 | -0.002235 | 0.005134 | 0.005134 | 0.007870 | 0.007870 | 0.015330 | 0.015330 | 0.008331 | 0.008331 | 0.010555 | 0.010555 | -0.011342 | -0.011342 | -0.013009 | -0.013009 | -0.009908 | -0.009908 | -0.032474 | -0.032474 | -0.025452 | -0.025452 | -0.032877 | -0.032877 |
| 0.12821 | 0.10044 | 0.041354 | -0.002496 | -0.004298 | -0.012232 | -0.012232 | -0.009422 | -0.009422 | -0.007361 | -0.007361 | -0.006761 | -0.006761 | -0.002668 | -0.002668 | 0.010919 | 0.010919 | 0.007375 | 0.007375 | 0.027202 | 0.027202 | 0.028177 | 0.028177 | 0.002993 | 0.002993 | 0.020214 | 0.020214 | 0.010442 | 0.010442 | 0.008286 | 0.008286 | 0.024574 | 0.024574 | 0.006272 | 0.006272 | 0.011114 | 0.011114 | 0.013841 | 0.013841 | 0.006216 | 0.006216 | 0.011717 | 0.011717 | 0.013754 | 0.013754 | 0.010976 | 0.010976 | 0.003419 | 0.003419 | -0.010959 | -0.010959 | -0.014116 | -0.014116 | -0.029481 | -0.029481 | -0.043396 | -0.043396 | -0.024487 | -0.024487 | -0.028388 | -0.028388 |
| 0.125524 | 0.100443 | 0.007445 | -0.000901 | -0.025353 | -0.023954 | -0.023954 | -0.008817 | -0.008817 | 0.000249 | 0.000249 | -0.001656 | -0.001656 | 0.012194 | 0.012194 | 0.010223 | 0.010223 | 0.009585 | 0.009585 | 0.022916 | 0.022916 | 0.036081 | 0.036081 | 0.005546 | 0.005546 | 0.029424 | 0.029424 | 0.018346 | 0.018346 | 0.022866 | 0.022866 | 0.027635 | 0.027635 | 0.018052 | 0.018052 | 0.020394 | 0.020394 | 0.014050 | 0.014050 | 0.017365 | 0.017365 | 0.016061 | 0.016061 | 0.016235 | 0.016235 | 0.012101 | 0.012101 | 0.001719 | 0.001719 | -0.013822 | -0.013822 | -0.008403 | -0.008403 | -0.052536 | -0.052536 | -0.045444 | -0.045444 | -0.029577 | -0.029577 | -0.020806 | -0.020806 |
| 0.122839 | 0.100446 | -0.014403 | -0.011280 | -0.011628 | -0.044646 | -0.044646 | -0.009706 | -0.009706 | -0.000394 | -0.000394 | -0.002029 | -0.002029 | 0.007210 | 0.007210 | 0.008196 | 0.008196 | 0.007105 | 0.007105 | 0.037975 | 0.037975 | 0.026147 | 0.026147 | 0.033050 | 0.033050 | 0.014820 | 0.014820 | 0.016922 | 0.016922 | 0.018532 | 0.018532 | 0.047838 | 0.047838 | 0.019429 | 0.019429 | 0.022917 | 0.022917 | 0.000069 | 0.000069 | 0.020819 | 0.020819 | 0.034851 | 0.034851 | 0.030717 | 0.030717 | 0.024141 | 0.024141 | -0.001667 | -0.001667 | -0.002099 | -0.002099 | 0.004846 | 0.004846 | -0.036402 | -0.036402 | -0.054517 | -0.054517 | -0.024487 | -0.024487 | -0.016035 | -0.016035 |
| 0.120154 | 0.100449 | -0.025055 | -0.024534 | -0.015709 | -0.014425 | -0.014425 | -0.008105 | -0.008105 | -0.000506 | -0.000506 | -0.002059 | -0.002059 | -0.003306 | -0.003306 | -0.001938 | -0.001938 | 0.000119 | 0.000119 | 0.010597 | 0.010597 | 0.003339 | 0.003339 | 0.011208 | 0.011208 | -0.001262 | -0.001262 | 0.009243 | 0.009243 | 0.007363 | 0.007363 | 0.036562 | 0.036562 | 0.018835 | 0.018835 | 0.019084 | 0.019084 | 0.000957 | 0.000957 | 0.008095 | 0.008095 | 0.012538 | 0.012538 | 0.031607 | 0.031607 | 0.035094 | 0.035094 | 0.004510 | 0.004510 | 0.005473 | 0.005473 | -0.007924 | -0.007924 | -0.036059 | -0.036059 | -0.034750 | -0.034750 | -0.029943 | -0.029943 | -0.019338 | -0.019338 |
| 0.117468 | 0.100452 | -0.006380 | -0.028746 | -0.016719 | -0.013010 | -0.013010 | -0.006253 | -0.006253 | -0.006818 | -0.006818 | -0.010806 | -0.010806 | -0.002137 | -0.002137 | -0.016012 | -0.016012 | -0.003261 | -0.003261 | 0.011278 | 0.011278 | -0.013429 | -0.013429 | -0.001449 | -0.001449 | -0.004593 | -0.004593 | 0.005761 | 0.005761 | 0.000829 | 0.000829 | 0.009740 | 0.009740 | 0.030933 | 0.030933 | 0.019728 | 0.019728 | 0.008084 | 0.008084 | 0.009934 | 0.009934 | -0.006703 | -0.006703 | 0.020514 | 0.020514 | 0.033223 | 0.033223 | 0.010655 | 0.010655 | 0.009354 | 0.009354 | -0.012848 | -0.012848 | -0.033395 | -0.033395 | -0.021993 | -0.021993 | -0.020003 | -0.020003 | -0.022633 | -0.022633 |
| 0.114783 | 0.100455 | -0.015708 | -0.031977 | -0.016803 | -0.019805 | -0.019805 | -0.005562 | -0.005562 | -0.011718 | -0.011718 | 0.005984 | 0.005984 | -0.005781 | -0.005781 | -0.003632 | -0.003632 | -0.003796 | -0.003796 | 0.005514 | 0.005514 | -0.018523 | -0.018523 | -0.000101 | -0.000101 | -0.002481 | -0.002481 | 0.006090 | 0.006090 | -0.005868 | -0.005868 | 0.012806 | 0.012806 | 0.010313 | 0.010313 | 0.021132 | 0.021132 | 0.011529 | 0.011529 | 0.016080 | 0.016080 | 0.000151 | 0.000151 | 0.018450 | 0.018450 | 0.019493 | 0.019493 | 0.010823 | 0.010823 | 0.012668 | 0.012668 | -0.003721 | -0.003721 | -0.016140 | -0.016140 | -0.031297 | -0.031297 | -0.023082 | -0.023082 | -0.014726 | -0.014726 |
| 0.112097 | 0.100458 | -0.034040 | -0.036259 | -0.024505 | -0.019575 | -0.019575 | -0.020276 | -0.020276 | -0.031359 | -0.031359 | -0.010197 | -0.010197 | -0.002675 | -0.002675 | -0.007976 | -0.007976 | -0.020676 | -0.020676 | -0.007016 | -0.007016 | -0.003753 | -0.003753 | -0.017078 | -0.017078 | -0.001622 | -0.001622 | 0.004370 | 0.004370 | -0.004890 | -0.004890 | -0.006517 | -0.006517 | 0.001382 | 0.001382 | 0.004427 | 0.004427 | 0.006304 | 0.006304 | 0.008821 | 0.008821 | 0.005193 | 0.005193 | 0.002778 | 0.002778 | 0.026342 | 0.026342 | 0.019213 | 0.019213 | 0.016924 | 0.016924 | -0.007067 | -0.007067 | 0.015721 | 0.015721 | -0.011310 | -0.011310 | -0.014137 | -0.014137 | -0.013271 | -0.013271 |
| 0.109412 | 0.100461 | -0.019171 | -0.035698 | -0.032774 | -0.034871 | -0.034871 | -0.043549 | -0.043549 | -0.043196 | -0.043196 | -0.036432 | -0.036432 | -0.017680 | -0.017680 | -0.005552 | -0.005552 | -0.013028 | -0.013028 | -0.010492 | -0.010492 | -0.019172 | -0.019172 | -0.020699 | -0.020699 | -0.003224 | -0.003224 | -0.004196 | -0.004196 | -0.007060 | -0.007060 | -0.009479 | -0.009479 | -0.031591 | -0.031591 | -0.006218 | -0.006218 | -0.002286 | -0.002286 | 0.002721 | 0.002721 | 0.012176 | 0.012176 | 0.014817 | 0.014817 | 0.015603 | 0.015603 | 0.000644 | 0.000644 | -0.003532 | -0.003532 | -0.003018 | -0.003018 | -0.005988 | -0.005988 | -0.000621 | -0.000621 | -0.009007 | -0.009007 | 0.005933 | 0.005933 |
| 0.106727 | 0.100464 | -0.025670 | -0.030689 | -0.032795 | -0.037266 | -0.037266 | -0.047010 | -0.047010 | -0.046931 | -0.046931 | -0.044565 | -0.044565 | -0.038300 | -0.038300 | -0.012480 | -0.012480 | -0.017780 | -0.017780 | -0.012323 | -0.012323 | -0.016953 | -0.016953 | -0.024324 | -0.024324 | -0.025586 | -0.025586 | -0.020665 | -0.020665 | -0.005946 | -0.005946 | -0.030053 | -0.030053 | -0.022891 | -0.022891 | 0.001472 | 0.001472 | -0.002040 | -0.002040 | -0.005398 | -0.005398 | 0.006508 | 0.006508 | 0.000099 | 0.000099 | -0.000046 | -0.000046 | -0.005929 | -0.005929 | -0.010476 | -0.010476 | -0.005688 | -0.005688 | -0.006982 | -0.006982 | -0.001397 | -0.001397 | -0.006587 | -0.006587 | 0.000243 | 0.000243 |
| 0.104041 | 0.100468 | -0.003139 | -0.031651 | -0.030730 | -0.034282 | -0.034282 | -0.043731 | -0.043731 | -0.047487 | -0.047487 | -0.046704 | -0.046704 | -0.043311 | -0.043311 | -0.020260 | -0.020260 | -0.029310 | -0.029310 | -0.012904 | -0.012904 | -0.023260 | -0.023260 | -0.025427 | -0.025427 | -0.022494 | -0.022494 | -0.033548 | -0.033548 | -0.035324 | -0.035324 | -0.034773 | -0.034773 | -0.009904 | -0.009904 | -0.002317 | -0.002317 | -0.004720 | -0.004720 | -0.008760 | -0.008760 | -0.007720 | -0.007720 | -0.011799 | -0.011799 | -0.003730 | -0.003730 | 0.000392 | 0.000392 | -0.014873 | -0.014873 | 0.001868 | 0.001868 | -0.013443 | -0.013443 | -0.004892 | -0.004892 | -0.008708 | -0.008708 | -0.004224 | -0.004224 |
| 0.101356 | 0.100471 | -0.024604 | -0.031866 | -0.029318 | -0.038011 | -0.038011 | -0.049804 | -0.049804 | -0.050124 | -0.050124 | -0.052323 | -0.052323 | -0.038181 | -0.038181 | -0.016631 | -0.016631 | -0.037142 | -0.037142 | -0.011232 | -0.011232 | -0.034378 | -0.034378 | -0.025774 | -0.025774 | -0.029914 | -0.029914 | -0.034822 | -0.034822 | -0.045910 | -0.045910 | -0.036847 | -0.036847 | -0.009156 | -0.009156 | -0.023582 | -0.023582 | -0.011221 | -0.011221 | -0.002249 | -0.002249 | -0.009035 | -0.009035 | -0.017041 | -0.017041 | -0.007512 | -0.007512 | -0.001462 | -0.001462 | -0.017641 | -0.017641 | -0.003330 | -0.003330 | -0.009665 | -0.009665 | -0.006354 | -0.006354 | -0.009999 | -0.009999 | -0.015118 | -0.015118 |
| 0.09867 | 0.100474 | -0.023322 | -0.026818 | -0.032703 | -0.045422 | -0.045422 | -0.050020 | -0.050020 | -0.048355 | -0.048355 | -0.050598 | -0.050598 | -0.043661 | -0.043661 | 0.014303 | 0.014303 | -0.049453 | -0.049453 | -0.028294 | -0.028294 | -0.041845 | -0.041845 | -0.028346 | -0.028346 | -0.033395 | -0.033395 | -0.034313 | -0.034313 | -0.053413 | -0.053413 | -0.039172 | -0.039172 | -0.008136 | -0.008136 | -0.028660 | -0.028660 | -0.002639 | -0.002639 | -0.005516 | -0.005516 | -0.014295 | -0.014295 | -0.010103 | -0.010103 | -0.013596 | -0.013596 | -0.004145 | -0.004145 | -0.010015 | -0.010015 | -0.000261 | -0.000261 | -0.011614 | -0.011614 | -0.013297 | -0.013297 | -0.003933 | -0.003933 | -0.017157 | -0.017157 |
| 0.095985 | 0.100477 | -0.025992 | -0.028087 | -0.042294 | -0.039071 | -0.039071 | -0.046175 | -0.046175 | -0.050260 | -0.050260 | -0.053099 | -0.053099 | -0.048969 | -0.048969 | -0.001032 | -0.001032 | -0.052853 | -0.052853 | -0.044066 | -0.044066 | -0.045445 | -0.045445 | -0.045082 | -0.045082 | -0.036047 | -0.036047 | -0.031942 | -0.031942 | -0.020817 | -0.020817 | -0.035843 | -0.035843 | -0.023367 | -0.023367 | -0.021624 | -0.021624 | -0.017617 | -0.017617 | -0.007869 | -0.007869 | -0.016707 | -0.016707 | -0.016747 | -0.016747 | -0.017205 | -0.017205 | -0.017710 | -0.017710 | -0.022275 | -0.022275 | -0.025611 | -0.025611 | -0.018638 | -0.018638 | -0.026420 | -0.026420 | -0.014386 | -0.014386 | -0.021367 | -0.021367 |
| 0.093299 | 0.10048 | -0.037518 | -0.041057 | -0.044409 | -0.048928 | -0.048928 | -0.047721 | -0.047721 | -0.056901 | -0.056901 | -0.041619 | -0.041619 | -0.055011 | -0.055011 | -0.043125 | -0.043125 | -0.050827 | -0.050827 | -0.048957 | -0.048957 | -0.055182 | -0.055182 | -0.049716 | -0.049716 | -0.043054 | -0.043054 | -0.042442 | -0.042442 | -0.034866 | -0.034866 | -0.036057 | -0.036057 | -0.032391 | -0.032391 | -0.024747 | -0.024747 | -0.022133 | -0.022133 | -0.017444 | -0.017444 | -0.020264 | -0.020264 | -0.024655 | -0.024655 | -0.014883 | -0.014883 | -0.018517 | -0.018517 | -0.019160 | -0.019160 | -0.029205 | -0.029205 | -0.030551 | -0.030551 | -0.022440 | -0.022440 | -0.018822 | -0.018822 | -0.029534 | -0.029534 |
| 0.090614 | 0.100483 | -0.023937 | -0.031235 | -0.034625 | -0.056326 | -0.056326 | -0.052807 | -0.052807 | -0.059224 | -0.059224 | -0.046017 | -0.046017 | -0.063828 | -0.063828 | -0.046438 | -0.046438 | -0.040372 | -0.040372 | -0.032850 | -0.032850 | -0.057554 | -0.057554 | -0.045985 | -0.045985 | -0.050250 | -0.050250 | -0.065127 | -0.065127 | -0.052446 | -0.052446 | -0.053646 | -0.053646 | -0.031512 | -0.031512 | -0.040076 | -0.040076 | -0.024188 | -0.024188 | -0.023171 | -0.023171 | -0.025029 | -0.025029 | -0.021165 | -0.021165 | -0.026543 | -0.026543 | -0.017906 | -0.017906 | -0.016228 | -0.016228 | -0.026318 | -0.026318 | -0.023717 | -0.023717 | -0.020679 | -0.020679 | -0.022202 | -0.022202 | -0.036519 | -0.036519 |
| 0.087929 | 0.100486 | -0.029468 | -0.032537 | -0.037899 | -0.034313 | -0.034313 | -0.030166 | -0.030166 | -0.053719 | -0.053719 | -0.045168 | -0.045168 | -0.059534 | -0.059534 | -0.036997 | -0.036997 | -0.039911 | -0.039911 | -0.033069 | -0.033069 | -0.050120 | -0.050120 | -0.037955 | -0.037955 | -0.034177 | -0.034177 | -0.052712 | -0.052712 | -0.054193 | -0.054193 | -0.045540 | -0.045540 | -0.038295 | -0.038295 | -0.031021 | -0.031021 | -0.021865 | -0.021865 | -0.027985 | -0.027985 | -0.042062 | -0.042062 | -0.023673 | -0.023673 | -0.022635 | -0.022635 | -0.021290 | -0.021290 | -0.009599 | -0.009599 | -0.006504 | -0.006504 | -0.025395 | -0.025395 | -0.016111 | -0.016111 | -0.022011 | -0.022011 | -0.042944 | -0.042944 |
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| 0.042277 | 0.100539 | -0.010115 | -0.012151 | -0.030542 | -0.042841 | -0.042841 | -0.036034 | -0.036034 | -0.043616 | -0.043616 | -0.032360 | -0.032360 | -0.062230 | -0.062230 | -0.044696 | -0.044696 | -0.042818 | -0.042818 | -0.029980 | -0.029980 | -0.048757 | -0.048757 | -0.034767 | -0.034767 | -0.043405 | -0.043405 | -0.046455 | -0.046455 | -0.051732 | -0.051732 | -0.042335 | -0.042335 | -0.034551 | -0.034551 | -0.034437 | -0.034437 | -0.024261 | -0.024261 | -0.042133 | -0.042133 | -0.044656 | -0.044656 | -0.018988 | -0.018988 | -0.020775 | -0.020775 | -0.026872 | -0.026872 | -0.005061 | -0.005061 | -0.000567 | -0.000567 | -0.004571 | -0.004571 | 0.003443 | 0.003443 | 0.000955 | 0.000955 | -0.003240 | -0.003240 |
| 0.039591 | 0.100542 | -0.011619 | -0.049604 | -0.030916 | -0.040642 | -0.040642 | -0.044121 | -0.044121 | -0.046849 | -0.046849 | -0.036431 | -0.036431 | -0.071637 | -0.071637 | -0.052557 | -0.052557 | -0.054301 | -0.054301 | -0.018486 | -0.018486 | -0.036126 | -0.036126 | -0.039890 | -0.039890 | -0.027804 | -0.027804 | -0.029637 | -0.029637 | -0.039969 | -0.039969 | -0.033000 | -0.033000 | -0.033068 | -0.033068 | -0.018011 | -0.018011 | -0.018923 | -0.018923 | -0.028697 | -0.028697 | -0.040567 | -0.040567 | -0.015575 | -0.015575 | -0.017191 | -0.017191 | -0.003215 | -0.003215 | -0.002933 | -0.002933 | 0.004038 | 0.004038 | 0.000505 | 0.000505 | 0.002157 | 0.002157 | 0.003831 | 0.003831 | 0.016617 | 0.016617 |
| 0.036906 | 0.100545 | -0.011855 | -0.025361 | -0.077126 | -0.031202 | -0.031202 | -0.035849 | -0.035849 | -0.030911 | -0.030911 | -0.041391 | -0.041391 | -0.052054 | -0.052054 | -0.055250 | -0.055250 | -0.069460 | -0.069460 | -0.013925 | -0.013925 | -0.023824 | -0.023824 | -0.024402 | -0.024402 | -0.020629 | -0.020629 | -0.025041 | -0.025041 | -0.032336 | -0.032336 | -0.031030 | -0.031030 | -0.036794 | -0.036794 | -0.022938 | -0.022938 | -0.014315 | -0.014315 | -0.018683 | -0.018683 | -0.019240 | -0.019240 | -0.016221 | -0.016221 | -0.016792 | -0.016792 | 0.000081 | 0.000081 | 0.004721 | 0.004721 | 0.000067 | 0.000067 | 0.001199 | 0.001199 | 0.008252 | 0.008252 | 0.012699 | 0.012699 | 0.012499 | 0.012499 |
| 0.034221 | 0.100548 | -0.011431 | -0.031232 | -0.049385 | -0.047059 | -0.047059 | -0.039890 | -0.039890 | -0.045773 | -0.045773 | -0.048149 | -0.048149 | -0.045901 | -0.045901 | -0.034217 | -0.034217 | -0.064352 | -0.064352 | -0.010260 | -0.010260 | -0.022001 | -0.022001 | -0.022007 | -0.022007 | -0.014023 | -0.014023 | -0.017431 | -0.017431 | -0.040802 | -0.040802 | -0.035006 | -0.035006 | -0.045794 | -0.045794 | -0.025479 | -0.025479 | -0.030550 | -0.030550 | -0.011265 | -0.011265 | -0.007796 | -0.007796 | 0.003117 | 0.003117 | -0.010186 | -0.010186 | 0.007337 | 0.007337 | 0.010133 | 0.010133 | 0.005913 | 0.005913 | 0.001512 | 0.001512 | 0.013502 | 0.013502 | 0.017513 | 0.017513 | 0.025084 | 0.025084 |
| 0.031535 | 0.100551 | -0.010016 | -0.036908 | -0.034312 | -0.059421 | -0.059421 | -0.043807 | -0.043807 | -0.049804 | -0.049804 | -0.040338 | -0.040338 | -0.046193 | -0.046193 | -0.037701 | -0.037701 | -0.052542 | -0.052542 | -0.017414 | -0.017414 | -0.023422 | -0.023422 | -0.020392 | -0.020392 | -0.013514 | -0.013514 | -0.017831 | -0.017831 | -0.037319 | -0.037319 | -0.031341 | -0.031341 | -0.042424 | -0.042424 | -0.029989 | -0.029989 | -0.010869 | -0.010869 | 0.005223 | 0.005223 | 0.006934 | 0.006934 | 0.011707 | 0.011707 | 0.012276 | 0.012276 | 0.029152 | 0.029152 | 0.026092 | 0.026092 | 0.012468 | 0.012468 | 0.016537 | 0.016537 | 0.027631 | 0.027631 | 0.015429 | 0.015429 | 0.026744 | 0.026744 |
| 0.02885 | 0.100554 | -0.007454 | -0.028963 | -0.032018 | -0.058890 | -0.058890 | -0.044035 | -0.044035 | -0.051529 | -0.051529 | -0.054680 | -0.054680 | -0.039049 | -0.039049 | -0.021795 | -0.021795 | -0.046288 | -0.046288 | -0.033333 | -0.033333 | -0.029339 | -0.029339 | -0.023539 | -0.023539 | -0.016333 | -0.016333 | -0.018365 | -0.018365 | -0.043293 | -0.043293 | -0.024512 | -0.024512 | -0.020682 | -0.020682 | -0.039817 | -0.039817 | 0.009658 | 0.009658 | 0.004969 | 0.004969 | 0.014407 | 0.014407 | 0.021148 | 0.021148 | 0.042419 | 0.042419 | 0.040385 | 0.040385 | 0.039016 | 0.039016 | 0.035245 | 0.035245 | 0.028465 | 0.028465 | 0.033356 | 0.033356 | 0.022254 | 0.022254 | 0.023792 | 0.023792 |
| 0.026164 | 0.100558 | -0.029543 | -0.040481 | -0.031640 | -0.062846 | -0.062846 | -0.033577 | -0.033577 | -0.025112 | -0.025112 | -0.072595 | -0.072595 | -0.039294 | -0.039294 | -0.022895 | -0.022895 | -0.040301 | -0.040301 | -0.059635 | -0.059635 | -0.036204 | -0.036204 | -0.031499 | -0.031499 | -0.021253 | -0.021253 | -0.026919 | -0.026919 | -0.048476 | -0.048476 | -0.019962 | -0.019962 | -0.020080 | -0.020080 | -0.024381 | -0.024381 | 0.005999 | 0.005999 | 0.021333 | 0.021333 | 0.020037 | 0.020037 | 0.027457 | 0.027457 | 0.055476 | 0.055476 | 0.033586 | 0.033586 | 0.048725 | 0.048725 | 0.035295 | 0.035295 | 0.032950 | 0.032950 | 0.031448 | 0.031448 | 0.024630 | 0.024630 | 0.029441 | 0.029441 |
| 0.023479 | 0.100561 | -0.019265 | -0.033767 | -0.067048 | -0.054261 | -0.054261 | -0.013650 | -0.013650 | -0.033519 | -0.033519 | -0.064812 | -0.064812 | -0.053122 | -0.053122 | -0.032161 | -0.032161 | -0.033606 | -0.033606 | -0.043910 | -0.043910 | -0.041793 | -0.041793 | -0.019997 | -0.019997 | -0.019899 | -0.019899 | -0.025364 | -0.025364 | -0.042812 | -0.042812 | -0.020735 | -0.020735 | -0.037736 | -0.037736 | 0.000817 | 0.000817 | -0.001000 | -0.001000 | 0.033587 | 0.033587 | 0.031159 | 0.031159 | 0.017822 | 0.017822 | 0.053035 | 0.053035 | 0.053562 | 0.053562 | 0.054241 | 0.054241 | 0.028902 | 0.028902 | 0.038704 | 0.038704 | 0.045250 | 0.045250 | 0.037388 | 0.037388 | 0.016881 | 0.016881 |
| 0.020794 | 0.100564 | -0.006993 | -0.030296 | -0.018877 | -0.022740 | -0.022740 | -0.006807 | -0.006807 | -0.038355 | -0.038355 | -0.071468 | -0.071468 | -0.043787 | -0.043787 | -0.011609 | -0.011609 | -0.026552 | -0.026552 | -0.039665 | -0.039665 | -0.031436 | -0.031436 | -0.020281 | -0.020281 | -0.044581 | -0.044581 | -0.015712 | -0.015712 | -0.052851 | -0.052851 | -0.031530 | -0.031530 | -0.006601 | -0.006601 | 0.004206 | 0.004206 | 0.012391 | 0.012391 | 0.033969 | 0.033969 | 0.033545 | 0.033545 | 0.009076 | 0.009076 | 0.059983 | 0.059983 | 0.057166 | 0.057166 | 0.051287 | 0.051287 | 0.053234 | 0.053234 | 0.053297 | 0.053297 | 0.047888 | 0.047888 | 0.041340 | 0.041340 | 0.045882 | 0.045882 |
| 0.018108 | 0.100567 | -0.011057 | -0.008614 | -0.007407 | 0.001502 | 0.001502 | -0.008349 | -0.008349 | -0.043458 | -0.043458 | -0.040825 | -0.040825 | -0.037727 | -0.037727 | -0.016908 | -0.016908 | -0.022134 | -0.022134 | -0.032664 | -0.032664 | -0.014238 | -0.014238 | -0.021626 | -0.021626 | -0.019659 | -0.019659 | -0.021714 | -0.021714 | -0.041994 | -0.041994 | -0.049146 | -0.049146 | -0.006577 | -0.006577 | 0.008650 | 0.008650 | 0.018335 | 0.018335 | 0.045646 | 0.045646 | 0.040319 | 0.040319 | 0.027888 | 0.027888 | 0.064818 | 0.064818 | 0.047473 | 0.047473 | 0.061348 | 0.061348 | 0.046050 | 0.046050 | 0.042750 | 0.042750 | 0.050702 | 0.050702 | 0.061472 | 0.061472 | 0.047230 | 0.047230 |
| 0.015423 | 0.10057 | -0.009519 | -0.007115 | -0.005595 | 0.010488 | 0.010488 | -0.014029 | -0.014029 | -0.047900 | -0.047900 | -0.033513 | -0.033513 | -0.047932 | -0.047932 | -0.024949 | -0.024949 | -0.030374 | -0.030374 | -0.008849 | -0.008849 | -0.007833 | -0.007833 | -0.010797 | -0.010797 | -0.014735 | -0.014735 | -0.014101 | -0.014101 | -0.023984 | -0.023984 | -0.039981 | -0.039981 | -0.022880 | -0.022880 | 0.025936 | 0.025936 | 0.026990 | 0.026990 | 0.053677 | 0.053677 | 0.050549 | 0.050549 | 0.053393 | 0.053393 | 0.064752 | 0.064752 | 0.035287 | 0.035287 | 0.058790 | 0.058790 | 0.042948 | 0.042948 | 0.046378 | 0.046378 | 0.062186 | 0.062186 | 0.054561 | 0.054561 | 0.052003 | 0.052003 |
| 0.012737 | 0.100573 | -0.013039 | -0.001654 | -0.005300 | -0.003339 | -0.003339 | -0.019137 | -0.019137 | -0.043560 | -0.043560 | -0.034035 | -0.034035 | -0.042873 | -0.042873 | -0.024395 | -0.024395 | -0.024764 | -0.024764 | -0.000620 | -0.000620 | 0.000376 | 0.000376 | -0.007777 | -0.007777 | -0.004433 | -0.004433 | -0.012404 | -0.012404 | -0.012235 | -0.012235 | -0.052192 | -0.052192 | -0.031417 | -0.031417 | 0.015804 | 0.015804 | 0.043264 | 0.043264 | 0.044272 | 0.044272 | 0.057594 | 0.057594 | 0.056670 | 0.056670 | 0.063495 | 0.063495 | 0.029181 | 0.029181 | 0.058702 | 0.058702 | 0.050006 | 0.050006 | 0.060346 | 0.060346 | 0.063482 | 0.063482 | 0.049916 | 0.049916 | 0.055568 | 0.055568 |
| 0.010052 | 0.100576 | -0.008541 | -0.002658 | -0.018001 | -0.016644 | -0.016644 | -0.010173 | -0.010173 | -0.047975 | -0.047975 | -0.037555 | -0.037555 | -0.038373 | -0.038373 | -0.025798 | -0.025798 | -0.026302 | -0.026302 | 0.001093 | 0.001093 | 0.007497 | 0.007497 | 0.005588 | 0.005588 | 0.016721 | 0.016721 | 0.011247 | 0.011247 | -0.005589 | -0.005589 | -0.032731 | -0.032731 | -0.020072 | -0.020072 | 0.014784 | 0.014784 | 0.043384 | 0.043384 | 0.051743 | 0.051743 | 0.064518 | 0.064518 | 0.030953 | 0.030953 | 0.069595 | 0.069595 | 0.042096 | 0.042096 | 0.070396 | 0.070396 | 0.066792 | 0.066792 | 0.077727 | 0.077727 | 0.080978 | 0.080978 | 0.025178 | 0.025178 | 0.047661 | 0.047661 |
| 0.009662 | 0.098277 | -0.006807 | 0.001840 | -0.006781 | -0.017469 | -0.017469 | -0.030629 | -0.030629 | -0.041788 | -0.041788 | -0.019275 | -0.019275 | -0.029788 | -0.029788 | -0.034660 | -0.034660 | -0.006819 | -0.006819 | 0.002570 | 0.002570 | -0.001052 | -0.001052 | 0.011786 | 0.011786 | 0.022297 | 0.022297 | 0.003176 | 0.003176 | -0.017304 | -0.017304 | -0.012390 | -0.012390 | 0.013347 | 0.013347 | 0.037800 | 0.037800 | 0.050785 | 0.050785 | 0.073641 | 0.073641 | 0.069168 | 0.069168 | 0.025992 | 0.025992 | 0.068934 | 0.068934 | 0.018337 | 0.018337 | 0.062450 | 0.062450 | 0.052752 | 0.052752 | 0.088946 | 0.088946 | 0.060495 | 0.060495 | 0.020809 | 0.020809 | 0.043885 | 0.043885 |
| 0.009657 | 0.095592 | 0.000320 | 0.001303 | -0.012043 | -0.025472 | -0.025472 | -0.039140 | -0.039140 | -0.030546 | -0.030546 | -0.025700 | -0.025700 | -0.024084 | -0.024084 | -0.022429 | -0.022429 | 0.001853 | 0.001853 | 0.003404 | 0.003404 | -0.004021 | -0.004021 | 0.013340 | 0.013340 | 0.012393 | 0.012393 | 0.007605 | 0.007605 | -0.002548 | -0.002548 | 0.008345 | 0.008345 | 0.028904 | 0.028904 | 0.055090 | 0.055090 | 0.054480 | 0.054480 | 0.072572 | 0.072572 | 0.062484 | 0.062484 | 0.071122 | 0.071122 | 0.069566 | 0.069566 | 0.031786 | 0.031786 | 0.059360 | 0.059360 | 0.045956 | 0.045956 | 0.044510 | 0.044510 | 0.049871 | 0.049871 | 0.035932 | 0.035932 | 0.041594 | 0.041594 |
| 0.009652 | 0.092907 | -0.010103 | -0.006452 | -0.020735 | -0.030691 | -0.030691 | -0.035322 | -0.035322 | -0.027600 | -0.027600 | -0.032608 | -0.032608 | -0.023954 | -0.023954 | 0.002349 | 0.002349 | 0.007165 | 0.007165 | -0.003145 | -0.003145 | 0.008725 | 0.008725 | 0.018955 | 0.018955 | 0.021844 | 0.021844 | 0.021563 | 0.021563 | 0.030765 | 0.030765 | 0.054735 | 0.054735 | 0.042766 | 0.042766 | 0.050243 | 0.050243 | 0.059940 | 0.059940 | 0.065129 | 0.065129 | 0.061880 | 0.061880 | 0.063706 | 0.063706 | 0.072084 | 0.072084 | 0.036246 | 0.036246 | 0.071811 | 0.071811 | 0.047034 | 0.047034 | 0.027515 | 0.027515 | 0.049692 | 0.049692 | 0.035773 | 0.035773 | 0.047439 | 0.047439 |
| 0.009647 | 0.090221 | -0.016719 | -0.014807 | -0.026252 | -0.032264 | -0.032264 | -0.030120 | -0.030120 | -0.026799 | -0.026799 | -0.029645 | -0.029645 | -0.019072 | -0.019072 | 0.023893 | 0.023893 | 0.018215 | 0.018215 | 0.008471 | 0.008471 | 0.008664 | 0.008664 | 0.013853 | 0.013853 | 0.036586 | 0.036586 | 0.042824 | 0.042824 | 0.047543 | 0.047543 | 0.073170 | 0.073170 | 0.048043 | 0.048043 | 0.074338 | 0.074338 | 0.056567 | 0.056567 | 0.082715 | 0.082715 | 0.058747 | 0.058747 | 0.050249 | 0.050249 | 0.055921 | 0.055921 | 0.040732 | 0.040732 | 0.056734 | 0.056734 | 0.043016 | 0.043016 | 0.027759 | 0.027759 | 0.052141 | 0.052141 | 0.034895 | 0.034895 | 0.055584 | 0.055584 |
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| 0.009632 | 0.082165 | -0.013490 | -0.018233 | -0.029250 | -0.030073 | -0.030073 | -0.034486 | -0.034486 | -0.048365 | -0.048365 | -0.000843 | -0.000843 | -0.016903 | -0.016903 | -0.004531 | -0.004531 | 0.010803 | 0.010803 | 0.031108 | 0.031108 | 0.035068 | 0.035068 | 0.039105 | 0.039105 | 0.056776 | 0.056776 | 0.051952 | 0.051952 | 0.073272 | 0.073272 | 0.055084 | 0.055084 | 0.074660 | 0.074660 | 0.049610 | 0.049610 | 0.053349 | 0.053349 | 0.051782 | 0.051782 | 0.080770 | 0.080770 | 0.024797 | 0.024797 | 0.004620 | 0.004620 | 0.041867 | 0.041867 | 0.049373 | 0.049373 | 0.049758 | 0.049758 | 0.049537 | 0.049537 | 0.049478 | 0.049478 | 0.033267 | 0.033267 | -0.000729 | -0.000729 |
| 0.009628 | 0.07948 | -0.008917 | -0.006742 | -0.005351 | -0.019391 | -0.019391 | -0.020015 | -0.020015 | -0.042727 | -0.042727 | 0.001823 | 0.001823 | -0.002159 | -0.002159 | 0.010070 | 0.010070 | 0.021807 | 0.021807 | 0.037516 | 0.037516 | 0.032263 | 0.032263 | 0.036331 | 0.036331 | 0.055291 | 0.055291 | 0.044902 | 0.044902 | 0.078042 | 0.078042 | 0.061232 | 0.061232 | 0.056210 | 0.056210 | 0.043900 | 0.043900 | 0.053208 | 0.053208 | 0.064732 | 0.064732 | 0.039239 | 0.039239 | 0.007906 | 0.007906 | 0.024789 | 0.024789 | 0.050932 | 0.050932 | 0.048972 | 0.048972 | 0.052337 | 0.052337 | 0.075090 | 0.075090 | 0.045320 | 0.045320 | 0.016767 | 0.016767 | -0.001204 | -0.001204 |
| 0.009623 | 0.076794 | 0.002885 | -0.003435 | -0.002930 | -0.010670 | -0.010670 | -0.005846 | -0.005846 | -0.011669 | -0.011669 | 0.002796 | 0.002796 | 0.005858 | 0.005858 | 0.016632 | 0.016632 | 0.036884 | 0.036884 | 0.047249 | 0.047249 | 0.043216 | 0.043216 | 0.051216 | 0.051216 | 0.052706 | 0.052706 | 0.053468 | 0.053468 | 0.072287 | 0.072287 | 0.072712 | 0.072712 | 0.057324 | 0.057324 | 0.036054 | 0.036054 | 0.043328 | 0.043328 | 0.040136 | 0.040136 | 0.031401 | 0.031401 | 0.004143 | 0.004143 | 0.043577 | 0.043577 | 0.043447 | 0.043447 | 0.056981 | 0.056981 | 0.057509 | 0.057509 | 0.055383 | 0.055383 | 0.031825 | 0.031825 | -0.009142 | -0.009142 | -0.002112 | -0.002112 |
| 0.009618 | 0.074109 | 0.005541 | -0.002724 | -0.000313 | -0.000493 | -0.000493 | -0.002102 | -0.002102 | -0.003349 | -0.003349 | 0.004928 | 0.004928 | 0.012455 | 0.012455 | 0.023433 | 0.023433 | 0.050521 | 0.050521 | 0.047858 | 0.047858 | 0.048681 | 0.048681 | 0.070186 | 0.070186 | 0.051875 | 0.051875 | 0.054901 | 0.054901 | 0.060618 | 0.060618 | 0.048396 | 0.048396 | 0.052150 | 0.052150 | 0.034861 | 0.034861 | 0.052288 | 0.052288 | 0.029880 | 0.029880 | 0.010797 | 0.010797 | 0.023950 | 0.023950 | 0.084954 | 0.084954 | 0.024211 | 0.024211 | 0.054071 | 0.054071 | 0.038421 | 0.038421 | 0.040560 | 0.040560 | 0.000216 | 0.000216 | -0.019104 | -0.019104 | -0.008497 | -0.008497 |
| 0.009613 | 0.071423 | 0.009782 | 0.000708 | 0.003068 | 0.012742 | 0.012742 | 0.003363 | 0.003363 | 0.005161 | 0.005161 | 0.008625 | 0.008625 | 0.020513 | 0.020513 | 0.022328 | 0.022328 | 0.056395 | 0.056395 | 0.048694 | 0.048694 | 0.054864 | 0.054864 | 0.038201 | 0.038201 | 0.050628 | 0.050628 | 0.052533 | 0.052533 | 0.058041 | 0.058041 | 0.043454 | 0.043454 | 0.041886 | 0.041886 | 0.032052 | 0.032052 | 0.050203 | 0.050203 | 0.026049 | 0.026049 | 0.018636 | 0.018636 | 0.034410 | 0.034410 | 0.064673 | 0.064673 | 0.057321 | 0.057321 | 0.028752 | 0.028752 | 0.020565 | 0.020565 | 0.021207 | 0.021207 | -0.002537 | -0.002537 | -0.018991 | -0.018991 | -0.005106 | -0.005106 |
| 0.009608 | 0.068738 | 0.012315 | 0.010784 | 0.004239 | 0.016185 | 0.016185 | 0.011474 | 0.011474 | 0.007227 | 0.007227 | 0.020178 | 0.020178 | 0.032349 | 0.032349 | 0.020325 | 0.020325 | 0.063311 | 0.063311 | 0.101401 | 0.101401 | 0.071608 | 0.071608 | 0.046580 | 0.046580 | 0.063707 | 0.063707 | 0.050391 | 0.050391 | 0.051131 | 0.051131 | 0.042247 | 0.042247 | 0.034409 | 0.034409 | 0.056551 | 0.056551 | 0.032813 | 0.032813 | 0.021255 | 0.021255 | 0.024056 | 0.024056 | 0.042174 | 0.042174 | 0.059730 | 0.059730 | 0.060000 | 0.060000 | 0.006655 | 0.006655 | 0.015217 | 0.015217 | -0.000212 | -0.000212 | -0.007417 | -0.007417 | -0.014237 | -0.014237 | -0.012421 | -0.012421 |
| 0.009603 | 0.066053 | 0.012786 | 0.026324 | 0.021875 | 0.021750 | 0.021750 | 0.024684 | 0.024684 | 0.025838 | 0.025838 | 0.035459 | 0.035459 | 0.030000 | 0.030000 | 0.016968 | 0.016968 | 0.082840 | 0.082840 | 0.082480 | 0.082480 | 0.052195 | 0.052195 | 0.050044 | 0.050044 | 0.047199 | 0.047199 | 0.047396 | 0.047396 | 0.044908 | 0.044908 | 0.040990 | 0.040990 | 0.035961 | 0.035961 | 0.027043 | 0.027043 | 0.025662 | 0.025662 | 0.035038 | 0.035038 | 0.035350 | 0.035350 | 0.058964 | 0.058964 | 0.050430 | 0.050430 | 0.041865 | 0.041865 | -0.006739 | -0.006739 | -0.001548 | -0.001548 | -0.011858 | -0.011858 | -0.012595 | -0.012595 | -0.012548 | -0.012548 | -0.027295 | -0.027295 |
| 0.009598 | 0.063367 | 0.029297 | 0.048177 | 0.037521 | 0.027952 | 0.027952 | 0.054525 | 0.054525 | 0.053101 | 0.053101 | 0.046656 | 0.046656 | 0.037729 | 0.037729 | 0.017688 | 0.017688 | 0.059322 | 0.059322 | 0.066412 | 0.066412 | 0.053020 | 0.053020 | 0.040406 | 0.040406 | 0.038075 | 0.038075 | 0.048235 | 0.048235 | 0.041023 | 0.041023 | 0.028772 | 0.028772 | 0.025421 | 0.025421 | 0.020009 | 0.020009 | 0.022876 | 0.022876 | 0.040897 | 0.040897 | 0.046663 | 0.046663 | -0.037123 | -0.037123 | 0.003783 | 0.003783 | 0.004385 | 0.004385 | -0.007077 | -0.007077 | -0.011281 | -0.011281 | -0.019197 | -0.019197 | -0.015270 | -0.015270 | -0.021955 | -0.021955 | -0.020181 | -0.020181 |
| 0.009593 | 0.060682 | 0.039868 | 0.055701 | 0.046507 | 0.032366 | 0.032366 | 0.055607 | 0.055607 | 0.041816 | 0.041816 | 0.042020 | 0.042020 | 0.046143 | 0.046143 | 0.052769 | 0.052769 | 0.048381 | 0.048381 | 0.055348 | 0.055348 | 0.054212 | 0.054212 | 0.035600 | 0.035600 | 0.034320 | 0.034320 | 0.048252 | 0.048252 | 0.034323 | 0.034323 | 0.018952 | 0.018952 | 0.010672 | 0.010672 | 0.026088 | 0.026088 | 0.017560 | 0.017560 | 0.039324 | 0.039324 | 0.014845 | 0.014845 | 0.003223 | 0.003223 | 0.001057 | 0.001057 | -0.003567 | -0.003567 | -0.007922 | -0.007922 | -0.013088 | -0.013088 | -0.020733 | -0.020733 | -0.014553 | -0.014553 | -0.013228 | -0.013228 | -0.008543 | -0.008543 |
| 0.009589 | 0.057996 | 0.031566 | 0.056196 | 0.058168 | 0.036439 | 0.036439 | 0.045182 | 0.045182 | 0.042090 | 0.042090 | 0.041882 | 0.041882 | 0.045439 | 0.045439 | 0.034800 | 0.034800 | 0.040575 | 0.040575 | 0.053334 | 0.053334 | 0.049648 | 0.049648 | 0.039795 | 0.039795 | 0.026650 | 0.026650 | 0.038804 | 0.038804 | 0.027322 | 0.027322 | 0.008968 | 0.008968 | 0.020472 | 0.020472 | 0.026640 | 0.026640 | 0.027609 | 0.027609 | 0.024116 | 0.024116 | 0.001206 | 0.001206 | 0.000943 | 0.000943 | 0.001139 | 0.001139 | -0.006393 | -0.006393 | -0.002777 | -0.002777 | -0.013970 | -0.013970 | -0.012705 | -0.012705 | -0.013816 | -0.013816 | -0.009766 | -0.009766 | 0.003081 | 0.003081 |
| 0.009584 | 0.055311 | 0.040470 | 0.054978 | 0.054048 | 0.053588 | 0.053588 | 0.055551 | 0.055551 | 0.042714 | 0.042714 | 0.038926 | 0.038926 | 0.047482 | 0.047482 | 0.027650 | 0.027650 | 0.049413 | 0.049413 | 0.047619 | 0.047619 | 0.043007 | 0.043007 | 0.029758 | 0.029758 | 0.030026 | 0.030026 | 0.038549 | 0.038549 | 0.021668 | 0.021668 | 0.005865 | 0.005865 | 0.026505 | 0.026505 | 0.019691 | 0.019691 | 0.029532 | 0.029532 | 0.008272 | 0.008272 | -0.001445 | -0.001445 | 0.001196 | 0.001196 | -0.002217 | -0.002217 | -0.005066 | -0.005066 | -0.006669 | -0.006669 | -0.013766 | -0.013766 | -0.009713 | -0.009713 | -0.007563 | -0.007563 | 0.004031 | 0.004031 | 0.004291 | 0.004291 |
| 0.009579 | 0.052626 | 0.037482 | 0.060078 | 0.057575 | 0.072631 | 0.072631 | 0.055583 | 0.055583 | 0.037835 | 0.037835 | 0.030187 | 0.030187 | 0.052939 | 0.052939 | 0.033836 | 0.033836 | 0.051518 | 0.051518 | 0.039119 | 0.039119 | 0.038769 | 0.038769 | 0.016847 | 0.016847 | 0.025557 | 0.025557 | 0.029584 | 0.029584 | 0.017522 | 0.017522 | 0.007704 | 0.007704 | 0.026495 | 0.026495 | 0.008533 | 0.008533 | 0.016641 | 0.016641 | -0.002632 | -0.002632 | -0.001248 | -0.001248 | 0.000183 | 0.000183 | -0.001222 | -0.001222 | -0.009195 | -0.009195 | -0.008986 | -0.008986 | -0.026656 | -0.026656 | -0.014422 | -0.014422 | 0.003130 | 0.003130 | 0.015252 | 0.015252 | 0.007140 | 0.007140 |
| 0.009574 | 0.04994 | 0.040603 | 0.059878 | 0.060289 | 0.064557 | 0.064557 | 0.049658 | 0.049658 | 0.034370 | 0.034370 | 0.023547 | 0.023547 | 0.051613 | 0.051613 | 0.045309 | 0.045309 | 0.033394 | 0.033394 | 0.031924 | 0.031924 | 0.017725 | 0.017725 | 0.010873 | 0.010873 | 0.031360 | 0.031360 | 0.028111 | 0.028111 | 0.027214 | 0.027214 | 0.007933 | 0.007933 | 0.033939 | 0.033939 | 0.007149 | 0.007149 | -0.004001 | -0.004001 | -0.003407 | -0.003407 | 0.002788 | 0.002788 | -0.001569 | -0.001569 | 0.000142 | 0.000142 | -0.007569 | -0.007569 | -0.005473 | -0.005473 | -0.004840 | -0.004840 | -0.000847 | -0.000847 | 0.003893 | 0.003893 | 0.011441 | 0.011441 | 0.003272 | 0.003272 |
| 0.009569 | 0.047255 | 0.042871 | 0.063602 | 0.058767 | 0.060755 | 0.060755 | 0.056035 | 0.056035 | 0.038793 | 0.038793 | 0.026654 | 0.026654 | 0.033540 | 0.033540 | 0.020988 | 0.020988 | 0.047643 | 0.047643 | 0.018663 | 0.018663 | 0.018116 | 0.018116 | 0.005398 | 0.005398 | 0.009291 | 0.009291 | 0.008200 | 0.008200 | 0.009796 | 0.009796 | -0.000706 | -0.000706 | 0.004839 | 0.004839 | 0.000374 | 0.000374 | -0.002452 | -0.002452 | 0.001507 | 0.001507 | 0.002503 | 0.002503 | 0.000179 | 0.000179 | -0.005942 | -0.005942 | -0.006651 | -0.006651 | -0.005360 | -0.005360 | 0.005553 | 0.005553 | 0.009268 | 0.009268 | 0.010570 | 0.010570 | 0.005062 | 0.005062 | 0.002203 | 0.002203 |
| 0.009564 | 0.044569 | 0.039997 | 0.062161 | 0.060084 | 0.075472 | 0.075472 | 0.047609 | 0.047609 | 0.034008 | 0.034008 | 0.022501 | 0.022501 | 0.018262 | 0.018262 | 0.007178 | 0.007178 | 0.027179 | 0.027179 | 0.007516 | 0.007516 | 0.012813 | 0.012813 | -0.002146 | -0.002146 | 0.002581 | 0.002581 | 0.001143 | 0.001143 | 0.001956 | 0.001956 | -0.002953 | -0.002953 | -0.008139 | -0.008139 | -0.002085 | -0.002085 | 0.002208 | 0.002208 | 0.010424 | 0.010424 | 0.003091 | 0.003091 | 0.001700 | 0.001700 | -0.008788 | -0.008788 | 0.000335 | 0.000335 | 0.006063 | 0.006063 | 0.004850 | 0.004850 | 0.006767 | 0.006767 | 0.008537 | 0.008537 | -0.000590 | -0.000590 | -0.006880 | -0.006880 |
| 0.009559 | 0.041884 | 0.039697 | 0.050521 | 0.042491 | 0.048284 | 0.048284 | 0.059429 | 0.059429 | 0.035207 | 0.035207 | 0.013236 | 0.013236 | 0.011190 | 0.011190 | 0.012167 | 0.012167 | 0.011274 | 0.011274 | 0.003428 | 0.003428 | 0.009599 | 0.009599 | 0.002086 | 0.002086 | 0.023855 | 0.023855 | 0.003001 | 0.003001 | -0.004941 | -0.004941 | -0.003841 | -0.003841 | -0.010049 | -0.010049 | 0.002594 | 0.002594 | 0.002770 | 0.002770 | 0.001594 | 0.001594 | 0.002497 | 0.002497 | 0.003666 | 0.003666 | -0.001296 | -0.001296 | 0.004251 | 0.004251 | 0.004310 | 0.004310 | 0.001375 | 0.001375 | 0.005407 | 0.005407 | 0.009723 | 0.009723 | 0.003961 | 0.003961 | -0.018764 | -0.018764 |
| 0.009555 | 0.039199 | 0.050564 | 0.043636 | 0.031530 | 0.040926 | 0.040926 | 0.036261 | 0.036261 | 0.019799 | 0.019799 | 0.011013 | 0.011013 | 0.006617 | 0.006617 | 0.004465 | 0.004465 | 0.008548 | 0.008548 | 0.004137 | 0.004137 | 0.014504 | 0.014504 | 0.003155 | 0.003155 | 0.004265 | 0.004265 | -0.000995 | -0.000995 | -0.002253 | -0.002253 | -0.002568 | -0.002568 | -0.004831 | -0.004831 | 0.006461 | 0.006461 | 0.001999 | 0.001999 | 0.000046 | 0.000046 | -0.003406 | -0.003406 | 0.001399 | 0.001399 | 0.007735 | 0.007735 | 0.007702 | 0.007702 | 0.003926 | 0.003926 | 0.007103 | 0.007103 | 0.003871 | 0.003871 | 0.001268 | 0.001268 | -0.013998 | -0.013998 | -0.030271 | -0.030271 |
| 0.00955 | 0.036513 | 0.040792 | 0.038960 | 0.030005 | 0.030677 | 0.030677 | 0.029416 | 0.029416 | 0.017970 | 0.017970 | 0.007403 | 0.007403 | 0.000530 | 0.000530 | 0.004028 | 0.004028 | 0.009285 | 0.009285 | 0.006371 | 0.006371 | 0.013228 | 0.013228 | -0.000670 | -0.000670 | -0.002104 | -0.002104 | -0.003665 | -0.003665 | -0.005627 | -0.005627 | -0.000457 | -0.000457 | 0.000218 | 0.000218 | 0.007269 | 0.007269 | 0.000827 | 0.000827 | 0.001500 | 0.001500 | -0.000114 | -0.000114 | 0.000842 | 0.000842 | 0.004920 | 0.004920 | 0.001355 | 0.001355 | -0.006613 | -0.006613 | 0.003224 | 0.003224 | -0.006919 | -0.006919 | -0.023934 | -0.023934 | -0.031686 | -0.031686 | -0.057193 | -0.057193 |
| 0.009545 | 0.033828 | 0.036763 | 0.034988 | 0.016279 | 0.032540 | 0.032540 | 0.022084 | 0.022084 | 0.003628 | 0.003628 | 0.002896 | 0.002896 | -0.021020 | -0.021020 | 0.005348 | 0.005348 | 0.031196 | 0.031196 | 0.005439 | 0.005439 | -0.002810 | -0.002810 | -0.004756 | -0.004756 | -0.002648 | -0.002648 | -0.001586 | -0.001586 | -0.012376 | -0.012376 | -0.000262 | -0.000262 | 0.002475 | 0.002475 | 0.002763 | 0.002763 | -0.001315 | -0.001315 | 0.001762 | 0.001762 | 0.001315 | 0.001315 | 0.002040 | 0.002040 | -0.003681 | -0.003681 | -0.015053 | -0.015053 | -0.021833 | -0.021833 | -0.011429 | -0.011429 | -0.030360 | -0.030360 | -0.031448 | -0.031448 | -0.049690 | -0.049690 | -0.085580 | -0.085580 |
| 0.00954 | 0.031142 | 0.033685 | 0.024160 | 0.019391 | 0.037584 | 0.037584 | 0.016808 | 0.016808 | -0.004101 | -0.004101 | 0.002206 | 0.002206 | -0.012800 | -0.012800 | 0.007984 | 0.007984 | -0.002258 | -0.002258 | 0.000844 | 0.000844 | -0.002844 | -0.002844 | -0.007070 | -0.007070 | -0.004361 | -0.004361 | -0.002375 | -0.002375 | -0.003050 | -0.003050 | -0.000254 | -0.000254 | 0.002210 | 0.002210 | -0.000062 | -0.000062 | -0.002888 | -0.002888 | -0.001554 | -0.001554 | 0.004203 | 0.004203 | -0.002646 | -0.002646 | -0.024967 | -0.024967 | -0.023963 | -0.023963 | -0.019325 | -0.019325 | -0.037914 | -0.037914 | -0.045461 | -0.045461 | -0.038168 | -0.038168 | -0.062119 | -0.062119 | -0.072930 | -0.072930 |
| 0.009535 | 0.028457 | 0.032267 | 0.020341 | 0.009654 | 0.023746 | 0.023746 | 0.007138 | 0.007138 | -0.017102 | -0.017102 | -0.009841 | -0.009841 | -0.014626 | -0.014626 | -0.014505 | -0.014505 | -0.007860 | -0.007860 | -0.001571 | -0.001571 | 0.001097 | 0.001097 | -0.011046 | -0.011046 | -0.006284 | -0.006284 | -0.003477 | -0.003477 | 0.001225 | 0.001225 | 0.002041 | 0.002041 | 0.007261 | 0.007261 | 0.001605 | 0.001605 | -0.003639 | -0.003639 | -0.006632 | -0.006632 | -0.009172 | -0.009172 | -0.021748 | -0.021748 | -0.045816 | -0.045816 | -0.036117 | -0.036117 | -0.027928 | -0.027928 | -0.050861 | -0.050861 | -0.053463 | -0.053463 | -0.053200 | -0.053200 | -0.064365 | -0.064365 | -0.099950 | -0.099950 |
| 0.00953 | 0.025772 | 0.032441 | 0.014381 | 0.004338 | 0.025207 | 0.025207 | 0.002306 | 0.002306 | -0.014237 | -0.014237 | -0.026369 | -0.026369 | -0.006162 | -0.006162 | -0.012525 | -0.012525 | -0.029110 | -0.029110 | 0.002438 | 0.002438 | -0.015750 | -0.015750 | -0.015923 | -0.015923 | -0.008358 | -0.008358 | -0.001994 | -0.001994 | 0.003175 | 0.003175 | 0.002384 | 0.002384 | 0.009477 | 0.009477 | 0.007738 | 0.007738 | 0.002681 | 0.002681 | -0.015582 | -0.015582 | -0.042666 | -0.042666 | -0.073315 | -0.073315 | -0.065318 | -0.065318 | -0.051019 | -0.051019 | -0.038460 | -0.038460 | -0.058471 | -0.058471 | -0.039696 | -0.039696 | -0.061827 | -0.061827 | -0.059180 | -0.059180 | -0.091037 | -0.091037 |
| 0.009525 | 0.023086 | 0.033136 | 0.012425 | 0.002234 | 0.015080 | 0.015080 | 0.003593 | 0.003593 | -0.012881 | -0.012881 | -0.025573 | -0.025573 | -0.016104 | -0.016104 | -0.000853 | -0.000853 | -0.010497 | -0.010497 | 0.000365 | 0.000365 | -0.000518 | -0.000518 | -0.006061 | -0.006061 | 0.001408 | 0.001408 | 0.003791 | 0.003791 | 0.003824 | 0.003824 | 0.003441 | 0.003441 | 0.000225 | 0.000225 | 0.006147 | 0.006147 | -0.014588 | -0.014588 | -0.038500 | -0.038500 | -0.067049 | -0.067049 | -0.052552 | -0.052552 | -0.055538 | -0.055538 | -0.046560 | -0.046560 | -0.050068 | -0.050068 | -0.053487 | -0.053487 | -0.038462 | -0.038462 | -0.054574 | -0.054574 | -0.048267 | -0.048267 | -0.080994 | -0.080994 |
| 0.009521 | 0.020401 | 0.034017 | 0.015551 | 0.001562 | 0.006187 | 0.006187 | 0.001001 | 0.001001 | -0.012109 | -0.012109 | -0.026744 | -0.026744 | -0.020705 | -0.020705 | -0.004775 | -0.004775 | -0.001379 | -0.001379 | 0.001513 | 0.001513 | 0.005626 | 0.005626 | 0.005182 | 0.005182 | 0.006565 | 0.006565 | -0.006473 | -0.006473 | -0.003840 | -0.003840 | 0.005638 | 0.005638 | -0.017058 | -0.017058 | -0.026275 | -0.026275 | -0.047594 | -0.047594 | -0.069185 | -0.069185 | -0.059227 | -0.059227 | -0.047195 | -0.047195 | -0.036086 | -0.036086 | -0.039710 | -0.039710 | -0.036749 | -0.036749 | -0.040238 | -0.040238 | -0.019842 | -0.019842 | -0.044601 | -0.044601 | -0.055467 | -0.055467 | -0.058620 | -0.058620 |
| 0.011342 | 0.019545 | 0.038531 | 0.015684 | -0.000162 | -0.003684 | -0.003684 | -0.004188 | -0.004188 | -0.011333 | -0.011333 | -0.009439 | -0.009439 | -0.013987 | -0.013987 | -0.005338 | -0.005338 | -0.001131 | -0.001131 | 0.000449 | 0.000449 | 0.002646 | 0.002646 | 0.003037 | 0.003037 | 0.011010 | 0.011010 | -0.011849 | -0.011849 | -0.013879 | -0.013879 | -0.027531 | -0.027531 | -0.047787 | -0.047787 | -0.033171 | -0.033171 | -0.049487 | -0.049487 | -0.053217 | -0.053217 | -0.064186 | -0.064186 | -0.044396 | -0.044396 | -0.038464 | -0.038464 | -0.037844 | -0.037844 | -0.040541 | -0.040541 | -0.040881 | -0.040881 | -0.032694 | -0.032694 | -0.048098 | -0.048098 | -0.062956 | -0.062956 | -0.056283 | -0.056283 |
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| 0.03014 | 0.019616 | 0.021167 | -0.002412 | -0.005788 | -0.020480 | -0.020480 | -0.018802 | -0.018802 | -0.031226 | -0.031226 | -0.028911 | -0.028911 | -0.046560 | -0.046560 | -0.039007 | -0.039007 | -0.044701 | -0.044701 | -0.042968 | -0.042968 | -0.042016 | -0.042016 | -0.035160 | -0.035160 | -0.031432 | -0.031432 | -0.034364 | -0.034364 | -0.045086 | -0.045086 | -0.040292 | -0.040292 | -0.035265 | -0.035265 | -0.036018 | -0.036018 | -0.050508 | -0.050508 | -0.024994 | -0.024994 | -0.020208 | -0.020208 | -0.024086 | -0.024086 | -0.041316 | -0.041316 | -0.060955 | -0.060955 | -0.074101 | -0.074101 | -0.074917 | -0.074917 | -0.073623 | -0.073623 | -0.048305 | -0.048305 | -0.058908 | -0.058908 | -0.044204 | -0.044204 |
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| 0.059679 | 0.019727 | 0.003752 | -0.000530 | -0.005631 | -0.003440 | -0.003440 | -0.012000 | -0.012000 | -0.015974 | -0.015974 | -0.014918 | -0.014918 | -0.037326 | -0.037326 | -0.016415 | -0.016415 | -0.041956 | -0.041956 | -0.032585 | -0.032585 | -0.025882 | -0.025882 | -0.029229 | -0.029229 | -0.022157 | -0.022157 | -0.022432 | -0.022432 | -0.039297 | -0.039297 | -0.028571 | -0.028571 | -0.025897 | -0.025897 | -0.020692 | -0.020692 | -0.018465 | -0.018465 | -0.019884 | -0.019884 | -0.030720 | -0.030720 | -0.042583 | -0.042583 | -0.025462 | -0.025462 | -0.038801 | -0.038801 | -0.041152 | -0.041152 | -0.032449 | -0.032449 | -0.055057 | -0.055057 | -0.034558 | -0.034558 | -0.039026 | -0.039026 | -0.029065 | -0.029065 |
| 0.062364 | 0.019738 | 0.000984 | 0.003607 | -0.006791 | 0.002678 | 0.002678 | -0.004382 | -0.004382 | -0.028784 | -0.028784 | -0.026224 | -0.026224 | -0.049258 | -0.049258 | -0.016179 | -0.016179 | -0.036937 | -0.036937 | -0.037719 | -0.037719 | -0.015321 | -0.015321 | -0.022090 | -0.022090 | -0.018008 | -0.018008 | -0.036952 | -0.036952 | -0.035208 | -0.035208 | -0.031259 | -0.031259 | -0.023221 | -0.023221 | -0.011342 | -0.011342 | -0.021037 | -0.021037 | -0.012567 | -0.012567 | -0.028402 | -0.028402 | -0.044186 | -0.044186 | -0.030494 | -0.030494 | -0.018837 | -0.018837 | -0.033955 | -0.033955 | -0.031486 | -0.031486 | -0.044574 | -0.044574 | -0.031377 | -0.031377 | -0.042225 | -0.042225 | -0.033644 | -0.033644 |
| 0.06505 | 0.019748 | 0.002379 | -0.000931 | -0.005758 | -0.002049 | -0.002049 | -0.008009 | -0.008009 | -0.030583 | -0.030583 | -0.033111 | -0.033111 | -0.037566 | -0.037566 | -0.031021 | -0.031021 | -0.026499 | -0.026499 | -0.023934 | -0.023934 | -0.009986 | -0.009986 | -0.027128 | -0.027128 | -0.026943 | -0.026943 | -0.023761 | -0.023761 | -0.029088 | -0.029088 | -0.030655 | -0.030655 | -0.010460 | -0.010460 | -0.005469 | -0.005469 | -0.020062 | -0.020062 | -0.015092 | -0.015092 | -0.015203 | -0.015203 | -0.034646 | -0.034646 | -0.037256 | -0.037256 | -0.013331 | -0.013331 | -0.034460 | -0.034460 | -0.028294 | -0.028294 | -0.004218 | -0.004218 | -0.030868 | -0.030868 | -0.031084 | -0.031084 | -0.012154 | -0.012154 |
| 0.067735 | 0.019758 | 0.004861 | -0.002283 | -0.011035 | -0.015099 | -0.015099 | -0.014362 | -0.014362 | -0.030966 | -0.030966 | -0.027368 | -0.027368 | -0.028884 | -0.028884 | -0.038229 | -0.038229 | -0.020377 | -0.020377 | -0.019691 | -0.019691 | -0.015749 | -0.015749 | -0.016508 | -0.016508 | -0.021682 | -0.021682 | -0.013210 | -0.013210 | -0.018705 | -0.018705 | -0.013899 | -0.013899 | -0.005033 | -0.005033 | -0.008024 | -0.008024 | -0.019222 | -0.019222 | -0.011672 | -0.011672 | -0.006369 | -0.006369 | -0.026022 | -0.026022 | -0.025365 | -0.025365 | -0.013301 | -0.013301 | -0.034263 | -0.034263 | -0.032122 | -0.032122 | -0.028732 | -0.028732 | -0.031996 | -0.031996 | -0.049065 | -0.049065 | -0.026477 | -0.026477 |
| 0.070421 | 0.019768 | 0.003123 | -0.000019 | -0.004221 | -0.013222 | -0.013222 | -0.008147 | -0.008147 | -0.017035 | -0.017035 | -0.028047 | -0.028047 | -0.025471 | -0.025471 | -0.017574 | -0.017574 | -0.018310 | -0.018310 | -0.011888 | -0.011888 | -0.005234 | -0.005234 | -0.004090 | -0.004090 | -0.015603 | -0.015603 | -0.009822 | -0.009822 | -0.014542 | -0.014542 | -0.010626 | -0.010626 | -0.006714 | -0.006714 | -0.007510 | -0.007510 | -0.012355 | -0.012355 | -0.014145 | -0.014145 | 0.000070 | 0.000070 | -0.020192 | -0.020192 | -0.008346 | -0.008346 | -0.005107 | -0.005107 | -0.035437 | -0.035437 | -0.051579 | -0.051579 | -0.041539 | -0.041539 | -0.031627 | -0.031627 | -0.059058 | -0.059058 | -0.046804 | -0.046804 |
| 0.073106 | 0.019778 | 0.022175 | 0.007110 | 0.010981 | -0.003241 | -0.003241 | -0.010724 | -0.010724 | -0.014172 | -0.014172 | -0.018457 | -0.018457 | -0.021027 | -0.021027 | -0.017978 | -0.017978 | -0.021278 | -0.021278 | -0.007596 | -0.007596 | -0.008885 | -0.008885 | -0.016384 | -0.016384 | -0.012365 | -0.012365 | -0.006723 | -0.006723 | -0.008789 | -0.008789 | -0.005726 | -0.005726 | -0.005760 | -0.005760 | -0.005822 | -0.005822 | -0.017297 | -0.017297 | -0.028841 | -0.028841 | -0.007067 | -0.007067 | -0.009570 | -0.009570 | -0.005210 | -0.005210 | -0.010590 | -0.010590 | -0.045463 | -0.045463 | -0.056251 | -0.056251 | -0.037956 | -0.037956 | -0.037079 | -0.037079 | -0.056042 | -0.056042 | -0.044521 | -0.044521 |
| 0.075791 | 0.019788 | 0.019522 | 0.008567 | 0.004075 | -0.002326 | -0.002326 | -0.006159 | -0.006159 | -0.028773 | -0.028773 | -0.011991 | -0.011991 | -0.019980 | -0.019980 | -0.018942 | -0.018942 | -0.019734 | -0.019734 | -0.012082 | -0.012082 | -0.015031 | -0.015031 | -0.014467 | -0.014467 | 0.000341 | 0.000341 | -0.010435 | -0.010435 | -0.004799 | -0.004799 | 0.000314 | 0.000314 | -0.002538 | -0.002538 | -0.001832 | -0.001832 | -0.007199 | -0.007199 | -0.007089 | -0.007089 | -0.001250 | -0.001250 | -0.006427 | -0.006427 | -0.005296 | -0.005296 | -0.011763 | -0.011763 | -0.032942 | -0.032942 | -0.046186 | -0.046186 | -0.044503 | -0.044503 | -0.042744 | -0.042744 | -0.037266 | -0.037266 | -0.012634 | -0.012634 |
| 0.078477 | 0.019798 | 0.021741 | 0.006420 | 0.001356 | 0.007471 | 0.007471 | -0.002474 | -0.002474 | -0.015828 | -0.015828 | -0.014564 | -0.014564 | -0.017489 | -0.017489 | -0.014248 | -0.014248 | -0.021906 | -0.021906 | -0.013177 | -0.013177 | -0.014260 | -0.014260 | -0.013747 | -0.013747 | -0.000242 | -0.000242 | -0.005862 | -0.005862 | -0.003836 | -0.003836 | 0.000816 | 0.000816 | -0.002547 | -0.002547 | -0.001078 | -0.001078 | -0.000810 | -0.000810 | 0.010665 | 0.010665 | 0.002292 | 0.002292 | 0.005075 | 0.005075 | 0.001147 | 0.001147 | -0.026573 | -0.026573 | -0.029545 | -0.029545 | -0.020185 | -0.020185 | -0.040629 | -0.040629 | -0.037172 | -0.037172 | -0.026968 | -0.026968 | -0.027129 | -0.027129 |
| 0.081162 | 0.019808 | 0.018757 | 0.006913 | 0.003797 | -0.002709 | -0.002709 | -0.003919 | -0.003919 | -0.008318 | -0.008318 | -0.012522 | -0.012522 | -0.014876 | -0.014876 | -0.017985 | -0.017985 | -0.020166 | -0.020166 | -0.013978 | -0.013978 | -0.008413 | -0.008413 | -0.011185 | -0.011185 | -0.002244 | -0.002244 | -0.004269 | -0.004269 | -0.000291 | -0.000291 | 0.002095 | 0.002095 | -0.003253 | -0.003253 | -0.000044 | -0.000044 | 0.003171 | 0.003171 | 0.003781 | 0.003781 | 0.002629 | 0.002629 | 0.005836 | 0.005836 | -0.013548 | -0.013548 | -0.019968 | -0.019968 | -0.030738 | -0.030738 | -0.020267 | -0.020267 | -0.047535 | -0.047535 | -0.039111 | -0.039111 | -0.036882 | -0.036882 | -0.021748 | -0.021748 |
| 0.083848 | 0.019818 | 0.016415 | 0.007096 | 0.005369 | 0.006115 | 0.006115 | -0.006713 | -0.006713 | -0.007029 | -0.007029 | -0.012452 | -0.012452 | -0.004542 | -0.004542 | -0.005048 | -0.005048 | -0.013184 | -0.013184 | -0.007269 | -0.007269 | -0.009752 | -0.009752 | -0.007226 | -0.007226 | -0.006457 | -0.006457 | 0.001329 | 0.001329 | -0.000939 | -0.000939 | 0.006292 | 0.006292 | 0.001552 | 0.001552 | 0.004155 | 0.004155 | 0.004611 | 0.004611 | 0.001369 | 0.001369 | 0.004643 | 0.004643 | 0.001568 | 0.001568 | 0.006945 | 0.006945 | -0.015073 | -0.015073 | -0.019672 | -0.019672 | -0.025465 | -0.025465 | -0.041107 | -0.041107 | -0.036875 | -0.036875 | -0.021282 | -0.021282 | -0.020075 | -0.020075 |
| 0.086533 | 0.019828 | 0.019978 | 0.011345 | 0.008015 | 0.005647 | 0.005647 | -0.000661 | -0.000661 | 0.004655 | 0.004655 | -0.005751 | -0.005751 | 0.001128 | 0.001128 | -0.001873 | -0.001873 | -0.005446 | -0.005446 | -0.003887 | -0.003887 | -0.002492 | -0.002492 | -0.009359 | -0.009359 | -0.010815 | -0.010815 | 0.003618 | 0.003618 | 0.003099 | 0.003099 | 0.015465 | 0.015465 | 0.007312 | 0.007312 | 0.005176 | 0.005176 | 0.008978 | 0.008978 | 0.002097 | 0.002097 | -0.002281 | -0.002281 | 0.005113 | 0.005113 | -0.007128 | -0.007128 | -0.008974 | -0.008974 | -0.012932 | -0.012932 | -0.022735 | -0.022735 | -0.021163 | -0.021163 | -0.026323 | -0.026323 | -0.026357 | -0.026357 | -0.018844 | -0.018844 |
| 0.089218 | 0.019839 | 0.039134 | 0.021743 | 0.016764 | 0.012666 | 0.012666 | 0.003708 | 0.003708 | 0.004866 | 0.004866 | -0.001575 | -0.001575 | -0.010327 | -0.010327 | -0.003627 | -0.003627 | -0.003185 | -0.003185 | -0.002307 | -0.002307 | -0.000527 | -0.000527 | -0.001670 | -0.001670 | 0.008458 | 0.008458 | 0.007691 | 0.007691 | 0.007992 | 0.007992 | 0.016880 | 0.016880 | 0.006780 | 0.006780 | 0.019392 | 0.019392 | 0.009040 | 0.009040 | 0.008917 | 0.008917 | -0.006214 | -0.006214 | -0.009473 | -0.009473 | -0.027267 | -0.027267 | -0.015715 | -0.015715 | -0.006190 | -0.006190 | -0.021207 | -0.021207 | -0.017802 | -0.017802 | -0.025379 | -0.025379 | -0.037102 | -0.037102 | -0.020128 | -0.020128 |
| 0.091904 | 0.019849 | 0.049676 | 0.027015 | 0.024105 | 0.010122 | 0.010122 | 0.002373 | 0.002373 | 0.004283 | 0.004283 | 0.013032 | 0.013032 | 0.001424 | 0.001424 | -0.009855 | -0.009855 | 0.003313 | 0.003313 | 0.001954 | 0.001954 | 0.004750 | 0.004750 | 0.001995 | 0.001995 | 0.010780 | 0.010780 | 0.008959 | 0.008959 | 0.006394 | 0.006394 | 0.008527 | 0.008527 | 0.017005 | 0.017005 | 0.019550 | 0.019550 | 0.000642 | 0.000642 | 0.010898 | 0.010898 | 0.005293 | 0.005293 | -0.013576 | -0.013576 | -0.021215 | -0.021215 | -0.005586 | -0.005586 | -0.025474 | -0.025474 | -0.020911 | -0.020911 | -0.026025 | -0.026025 | -0.021633 | -0.021633 | -0.015135 | -0.015135 | -0.006929 | -0.006929 |
| 0.094589 | 0.019859 | 0.066105 | 0.029607 | 0.027126 | 0.014884 | 0.014884 | 0.014977 | 0.014977 | 0.007824 | 0.007824 | 0.007443 | 0.007443 | 0.005489 | 0.005489 | -0.010650 | -0.010650 | 0.002693 | 0.002693 | 0.017774 | 0.017774 | 0.006480 | 0.006480 | 0.006192 | 0.006192 | 0.017443 | 0.017443 | 0.018675 | 0.018675 | 0.001725 | 0.001725 | 0.019360 | 0.019360 | 0.025593 | 0.025593 | 0.010836 | 0.010836 | 0.009645 | 0.009645 | 0.002561 | 0.002561 | -0.006915 | -0.006915 | -0.005787 | -0.005787 | 0.003627 | 0.003627 | -0.015613 | -0.015613 | -0.028913 | -0.028913 | -0.024043 | -0.024043 | -0.038019 | -0.038019 | -0.016750 | -0.016750 | -0.009378 | -0.009378 | 0.003704 | 0.003704 |
| 0.097274 | 0.019869 | 0.068578 | 0.031763 | 0.043002 | 0.029187 | 0.029187 | 0.019986 | 0.019986 | 0.016368 | 0.016368 | 0.006234 | 0.006234 | 0.020158 | 0.020158 | 0.008193 | 0.008193 | 0.011325 | 0.011325 | 0.020223 | 0.020223 | 0.009951 | 0.009951 | 0.005297 | 0.005297 | 0.023195 | 0.023195 | 0.009404 | 0.009404 | 0.011187 | 0.011187 | 0.032742 | 0.032742 | 0.039242 | 0.039242 | 0.014516 | 0.014516 | 0.010648 | 0.010648 | 0.004403 | 0.004403 | -0.021248 | -0.021248 | 0.001585 | 0.001585 | -0.015577 | -0.015577 | -0.015888 | -0.015888 | -0.020782 | -0.020782 | -0.025830 | -0.025830 | -0.023652 | -0.023652 | -0.009682 | -0.009682 | -0.008290 | -0.008290 | -0.022128 | -0.022128 |
| 0.09996 | 0.019879 | 0.043745 | 0.036078 | 0.022784 | 0.020408 | 0.020408 | 0.011989 | 0.011989 | 0.008095 | 0.008095 | 0.006637 | 0.006637 | 0.013779 | 0.013779 | 0.014340 | 0.014340 | 0.010594 | 0.010594 | 0.020195 | 0.020195 | 0.008637 | 0.008637 | -0.000510 | -0.000510 | 0.009386 | 0.009386 | 0.007326 | 0.007326 | 0.019371 | 0.019371 | 0.024233 | 0.024233 | 0.036683 | 0.036683 | 0.027891 | 0.027891 | 0.025045 | 0.025045 | 0.018261 | 0.018261 | -0.000438 | -0.000438 | 0.000678 | 0.000678 | -0.024755 | -0.024755 | -0.008358 | -0.008358 | -0.011280 | -0.011280 | -0.041893 | -0.041893 | -0.026124 | -0.026124 | -0.010500 | -0.010500 | -0.009875 | -0.009875 | -0.016553 | -0.016553 |
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| 0.108016 | 0.019909 | 0.013984 | 0.027518 | 0.030820 | 0.025479 | 0.025479 | 0.015868 | 0.015868 | 0.012469 | 0.012469 | 0.001225 | 0.001225 | 0.001860 | 0.001860 | 0.005613 | 0.005613 | 0.009620 | 0.009620 | 0.011776 | 0.011776 | 0.008071 | 0.008071 | 0.005768 | 0.005768 | 0.005279 | 0.005279 | 0.006416 | 0.006416 | 0.008778 | 0.008778 | 0.016981 | 0.016981 | 0.023889 | 0.023889 | 0.012583 | 0.012583 | 0.019795 | 0.019795 | 0.011174 | 0.011174 | 0.000325 | 0.000325 | -0.002934 | -0.002934 | -0.008300 | -0.008300 | -0.025584 | -0.025584 | -0.007880 | -0.007880 | -0.015333 | -0.015333 | -0.017162 | -0.017162 | -0.012439 | -0.012439 | -0.014647 | -0.014647 | -0.003416 | -0.003416 |
| 0.110701 | 0.019919 | 0.014771 | 0.028854 | 0.014803 | 0.017101 | 0.017101 | 0.015625 | 0.015625 | 0.008206 | 0.008206 | 0.002306 | 0.002306 | 0.001159 | 0.001159 | 0.002257 | 0.002257 | 0.009217 | 0.009217 | 0.017965 | 0.017965 | 0.013409 | 0.013409 | 0.006636 | 0.006636 | 0.014227 | 0.014227 | 0.010700 | 0.010700 | 0.011646 | 0.011646 | 0.016809 | 0.016809 | 0.017706 | 0.017706 | 0.006964 | 0.006964 | 0.010399 | 0.010399 | 0.010168 | 0.010168 | 0.001699 | 0.001699 | -0.004756 | -0.004756 | -0.001801 | -0.001801 | -0.011511 | -0.011511 | -0.009055 | -0.009055 | -0.009117 | -0.009117 | -0.007886 | -0.007886 | -0.012098 | -0.012098 | -0.001563 | -0.001563 | -0.000571 | -0.000571 |
| 0.113387 | 0.01993 | 0.005184 | 0.027942 | 0.013069 | 0.005160 | 0.005160 | 0.004215 | 0.004215 | 0.002262 | 0.002262 | 0.004251 | 0.004251 | 0.007477 | 0.007477 | 0.007348 | 0.007348 | 0.013610 | 0.013610 | 0.018235 | 0.018235 | 0.013137 | 0.013137 | 0.023791 | 0.023791 | 0.018246 | 0.018246 | 0.008395 | 0.008395 | 0.008014 | 0.008014 | 0.015171 | 0.015171 | 0.016613 | 0.016613 | 0.003012 | 0.003012 | 0.010338 | 0.010338 | 0.012056 | 0.012056 | 0.006733 | 0.006733 | -0.007019 | -0.007019 | -0.000215 | -0.000215 | -0.008057 | -0.008057 | -0.001680 | -0.001680 | -0.003559 | -0.003559 | 0.005832 | 0.005832 | -0.004384 | -0.004384 | 0.002335 | 0.002335 | 0.000697 | 0.000697 |
| 0.116072 | 0.01994 | 0.002466 | 0.009933 | 0.009556 | 0.000527 | 0.000527 | 0.009260 | 0.009260 | -0.002039 | -0.002039 | 0.004407 | 0.004407 | 0.003423 | 0.003423 | 0.000337 | 0.000337 | 0.010481 | 0.010481 | 0.019892 | 0.019892 | 0.022205 | 0.022205 | 0.016436 | 0.016436 | 0.020820 | 0.020820 | 0.014677 | 0.014677 | 0.019511 | 0.019511 | 0.014633 | 0.014633 | 0.016424 | 0.016424 | 0.011694 | 0.011694 | 0.002370 | 0.002370 | 0.006964 | 0.006964 | 0.008894 | 0.008894 | 0.002666 | 0.002666 | 0.005087 | 0.005087 | 0.001532 | 0.001532 | 0.001742 | 0.001742 | 0.001466 | 0.001466 | 0.001616 | 0.001616 | -0.003851 | -0.003851 | 0.004008 | 0.004008 | 0.003626 | 0.003626 |
| 0.118758 | 0.01995 | 0.011763 | 0.021263 | 0.014560 | 0.003080 | 0.003080 | 0.012736 | 0.012736 | 0.003028 | 0.003028 | 0.007789 | 0.007789 | 0.003547 | 0.003547 | -0.029269 | -0.029269 | 0.007856 | 0.007856 | 0.016088 | 0.016088 | 0.022053 | 0.022053 | 0.011883 | 0.011883 | 0.023361 | 0.023361 | 0.019014 | 0.019014 | 0.014235 | 0.014235 | 0.019705 | 0.019705 | 0.015871 | 0.015871 | 0.010231 | 0.010231 | 0.009854 | 0.009854 | 0.007205 | 0.007205 | 0.001132 | 0.001132 | 0.004062 | 0.004062 | 0.001459 | 0.001459 | 0.005868 | 0.005868 | 0.011452 | 0.011452 | 0.001915 | 0.001915 | -0.003116 | -0.003116 | -0.008357 | -0.008357 | 0.008589 | 0.008589 | 0.005600 | 0.005600 |
| 0.121443 | 0.01996 | 0.017206 | 0.023433 | 0.017286 | 0.005808 | 0.005808 | 0.010195 | 0.010195 | 0.006064 | 0.006064 | 0.004919 | 0.004919 | -0.000464 | -0.000464 | -0.025552 | -0.025552 | 0.004343 | 0.004343 | 0.013552 | 0.013552 | 0.014209 | 0.014209 | 0.013132 | 0.013132 | 0.011238 | 0.011238 | 0.022016 | 0.022016 | 0.012593 | 0.012593 | 0.022988 | 0.022988 | 0.013525 | 0.013525 | 0.019799 | 0.019799 | 0.016841 | 0.016841 | 0.010719 | 0.010719 | 0.009146 | 0.009146 | 0.013346 | 0.013346 | 0.007007 | 0.007007 | 0.008151 | 0.008151 | 0.015314 | 0.015314 | 0.002966 | 0.002966 | 0.000408 | 0.000408 | 0.007154 | 0.007154 | 0.010371 | 0.010371 | 0.007893 | 0.007893 |
| 0.124128 | 0.01997 | 0.015774 | 0.023126 | 0.019885 | 0.009266 | 0.009266 | 0.013489 | 0.013489 | 0.009228 | 0.009228 | 0.006911 | 0.006911 | 0.007362 | 0.007362 | 0.005712 | 0.005712 | 0.005499 | 0.005499 | 0.013181 | 0.013181 | 0.005500 | 0.005500 | 0.004589 | 0.004589 | 0.002050 | 0.002050 | 0.009217 | 0.009217 | 0.010035 | 0.010035 | 0.016068 | 0.016068 | 0.012657 | 0.012657 | 0.021704 | 0.021704 | 0.013021 | 0.013021 | 0.013755 | 0.013755 | 0.014076 | 0.014076 | 0.016070 | 0.016070 | 0.018161 | 0.018161 | 0.012501 | 0.012501 | 0.021868 | 0.021868 | 0.013552 | 0.013552 | 0.006315 | 0.006315 | 0.009864 | 0.009864 | -0.028255 | -0.028255 | 0.004475 | 0.004475 |
| 0.126524 | 0.020268 | 0.022407 | 0.028990 | 0.021847 | 0.014514 | 0.014514 | 0.016040 | 0.016040 | 0.010406 | 0.010406 | 0.010838 | 0.010838 | 0.010423 | 0.010423 | 0.011909 | 0.011909 | 0.009237 | 0.009237 | 0.016531 | 0.016531 | 0.006147 | 0.006147 | 0.000810 | 0.000810 | 0.001538 | 0.001538 | 0.007209 | 0.007209 | 0.004065 | 0.004065 | 0.007512 | 0.007512 | 0.011165 | 0.011165 | 0.008572 | 0.008572 | 0.010033 | 0.010033 | 0.014248 | 0.014248 | 0.014155 | 0.014155 | 0.013909 | 0.013909 | 0.020115 | 0.020115 | 0.009075 | 0.009075 | 0.012318 | 0.012318 | 0.015421 | 0.015421 | 0.011964 | 0.011964 | 0.011806 | 0.011806 | -0.000286 | -0.000286 | 0.001887 | 0.001887 |
| 0.126519 | 0.022953 | 0.022168 | 0.025961 | 0.019079 | 0.018958 | 0.018958 | 0.014694 | 0.014694 | 0.008135 | 0.008135 | 0.006389 | 0.006389 | 0.005001 | 0.005001 | -0.012976 | -0.012976 | 0.004083 | 0.004083 | 0.010090 | 0.010090 | 0.004303 | 0.004303 | 0.003022 | 0.003022 | 0.006161 | 0.006161 | 0.008720 | 0.008720 | 0.008585 | 0.008585 | 0.013284 | 0.013284 | 0.013920 | 0.013920 | 0.016247 | 0.016247 | 0.018591 | 0.018591 | 0.018062 | 0.018062 | 0.024040 | 0.024040 | 0.012258 | 0.012258 | 0.015470 | 0.015470 | 0.011422 | 0.011422 | 0.018611 | 0.018611 | 0.021761 | 0.021761 | 0.015915 | 0.015915 | 0.025256 | 0.025256 | 0.011994 | 0.011994 | 0.004699 | 0.004699 |
| 0.126513 | 0.025639 | 0.004514 | 0.027070 | 0.017022 | 0.021239 | 0.021239 | 0.009281 | 0.009281 | 0.002713 | 0.002713 | -0.000543 | -0.000543 | -0.000975 | -0.000975 | -0.004733 | -0.004733 | 0.001114 | 0.001114 | 0.010728 | 0.010728 | 0.005220 | 0.005220 | 0.010756 | 0.010756 | 0.011492 | 0.011492 | 0.014063 | 0.014063 | 0.013836 | 0.013836 | 0.024769 | 0.024769 | 0.028420 | 0.028420 | 0.025597 | 0.025597 | 0.029764 | 0.029764 | 0.024613 | 0.024613 | 0.026419 | 0.026419 | 0.018985 | 0.018985 | 0.031409 | 0.031409 | 0.034612 | 0.034612 | 0.021404 | 0.021404 | 0.023907 | 0.023907 | 0.019743 | 0.019743 | 0.032022 | 0.032022 | 0.020461 | 0.020461 | 0.016598 | 0.016598 |
| 0.126507 | 0.028324 | -0.000211 | 0.022449 | 0.013954 | 0.013732 | 0.013732 | 0.005384 | 0.005384 | -0.002799 | -0.002799 | -0.008130 | -0.008130 | -0.004953 | -0.004953 | -0.002775 | -0.002775 | -0.002204 | -0.002204 | 0.011272 | 0.011272 | 0.013539 | 0.013539 | 0.019081 | 0.019081 | 0.015218 | 0.015218 | 0.015136 | 0.015136 | 0.017725 | 0.017725 | 0.026089 | 0.026089 | 0.020720 | 0.020720 | 0.028707 | 0.028707 | 0.028880 | 0.028880 | 0.025055 | 0.025055 | 0.022973 | 0.022973 | 0.017607 | 0.017607 | 0.018977 | 0.018977 | 0.025253 | 0.025253 | 0.028333 | 0.028333 | 0.018771 | 0.018771 | 0.017938 | 0.017938 | 0.034831 | 0.034831 | 0.031056 | 0.031056 | 0.029379 | 0.029379 |
| 0.126502 | 0.031009 | 0.005081 | 0.014825 | 0.006179 | 0.002989 | 0.002989 | 0.005566 | 0.005566 | -0.009464 | -0.009464 | -0.010499 | -0.010499 | -0.009504 | -0.009504 | -0.007679 | -0.007679 | -0.005688 | -0.005688 | 0.006791 | 0.006791 | 0.008385 | 0.008385 | 0.000669 | 0.000669 | 0.003338 | 0.003338 | 0.012178 | 0.012178 | 0.012119 | 0.012119 | 0.010820 | 0.010820 | 0.010991 | 0.010991 | 0.021754 | 0.021754 | -0.001602 | -0.001602 | 0.006240 | 0.006240 | 0.013715 | 0.013715 | 0.004669 | 0.004669 | 0.010570 | 0.010570 | 0.017825 | 0.017825 | 0.014400 | 0.014400 | 0.009772 | 0.009772 | 0.007544 | 0.007544 | 0.016075 | 0.016075 | 0.010905 | 0.010905 | 0.026554 | 0.026554 |
| 0.126496 | 0.033695 | 0.007802 | 0.007420 | 0.006479 | 0.003445 | 0.003445 | 0.003163 | 0.003163 | -0.010795 | -0.010795 | -0.009259 | -0.009259 | -0.011901 | -0.011901 | -0.008920 | -0.008920 | -0.010694 | -0.010694 | -0.008964 | -0.008964 | -0.001398 | -0.001398 | -0.005723 | -0.005723 | 0.001202 | 0.001202 | 0.001648 | 0.001648 | 0.010599 | 0.010599 | 0.003230 | 0.003230 | 0.001152 | 0.001152 | -0.004403 | -0.004403 | -0.011791 | -0.011791 | -0.002288 | -0.002288 | -0.007121 | -0.007121 | -0.012082 | -0.012082 | 0.004228 | 0.004228 | -0.001093 | -0.001093 | -0.002346 | -0.002346 | 0.000179 | 0.000179 | -0.001857 | -0.001857 | 0.007330 | 0.007330 | 0.007265 | 0.007265 | 0.011080 | 0.011080 |
| 0.126491 | 0.03638 | 0.007239 | 0.005990 | 0.007111 | 0.004399 | 0.004399 | 0.005065 | 0.005065 | -0.006364 | -0.006364 | -0.006189 | -0.006189 | -0.021613 | -0.021613 | -0.009662 | -0.009662 | -0.012607 | -0.012607 | -0.008506 | -0.008506 | -0.007839 | -0.007839 | -0.008212 | -0.008212 | 0.002176 | 0.002176 | 0.011325 | 0.011325 | 0.017998 | 0.017998 | 0.011343 | 0.011343 | 0.010513 | 0.010513 | 0.013129 | 0.013129 | -0.004026 | -0.004026 | -0.000071 | -0.000071 | -0.011904 | -0.011904 | -0.004890 | -0.004890 | -0.006744 | -0.006744 | -0.010325 | -0.010325 | -0.006234 | -0.006234 | -0.003756 | -0.003756 | -0.011845 | -0.011845 | -0.014760 | -0.014760 | 0.003316 | 0.003316 | 0.001049 | 0.001049 |
| 0.126485 | 0.039066 | 0.010211 | 0.015653 | 0.011436 | 0.006650 | 0.006650 | 0.016060 | 0.016060 | -0.011118 | -0.011118 | -0.008530 | -0.008530 | -0.028680 | -0.028680 | -0.024213 | -0.024213 | -0.016595 | -0.016595 | -0.008972 | -0.008972 | -0.006091 | -0.006091 | -0.012129 | -0.012129 | -0.005641 | -0.005641 | 0.003500 | 0.003500 | 0.009103 | 0.009103 | 0.012776 | 0.012776 | 0.010738 | 0.010738 | 0.011248 | 0.011248 | 0.007968 | 0.007968 | -0.002093 | -0.002093 | -0.004878 | -0.004878 | -0.005491 | -0.005491 | -0.004915 | -0.004915 | -0.005204 | -0.005204 | -0.004120 | -0.004120 | -0.013412 | -0.013412 | -0.012272 | -0.012272 | -0.016001 | -0.016001 | -0.006085 | -0.006085 | -0.011039 | -0.011039 |
| 0.12648 | 0.041751 | 0.001037 | 0.010988 | 0.004517 | 0.004903 | 0.004903 | -0.025187 | -0.025187 | -0.029138 | -0.029138 | -0.023770 | -0.023770 | -0.040180 | -0.040180 | -0.040461 | -0.040461 | -0.029844 | -0.029844 | -0.015830 | -0.015830 | -0.015617 | -0.015617 | -0.009736 | -0.009736 | -0.002914 | -0.002914 | -0.010720 | -0.010720 | 0.007429 | 0.007429 | 0.007039 | 0.007039 | 0.015199 | 0.015199 | 0.005830 | 0.005830 | 0.012234 | 0.012234 | 0.004036 | 0.004036 | -0.011411 | -0.011411 | -0.003648 | -0.003648 | -0.006393 | -0.006393 | -0.001034 | -0.001034 | -0.000121 | -0.000121 | -0.004224 | -0.004224 | -0.007717 | -0.007717 | -0.010219 | -0.010219 | -0.008120 | -0.008120 | -0.009527 | -0.009527 |
| 0.126474 | 0.044436 | -0.001340 | -0.011297 | -0.006618 | -0.017008 | -0.017008 | -0.046955 | -0.046955 | -0.033006 | -0.033006 | -0.036474 | -0.036474 | -0.042629 | -0.042629 | -0.041989 | -0.041989 | -0.037562 | -0.037562 | -0.025428 | -0.025428 | -0.024839 | -0.024839 | -0.014011 | -0.014011 | -0.022809 | -0.022809 | -0.030122 | -0.030122 | -0.002895 | -0.002895 | -0.000380 | -0.000380 | -0.002236 | -0.002236 | 0.000531 | 0.000531 | 0.000841 | 0.000841 | 0.003339 | 0.003339 | 0.005303 | 0.005303 | -0.002294 | -0.002294 | -0.005080 | -0.005080 | 0.000588 | 0.000588 | -0.001498 | -0.001498 | -0.003661 | -0.003661 | -0.001123 | -0.001123 | -0.002455 | -0.002455 | -0.004379 | -0.004379 | -0.006662 | -0.006662 |
| 0.126468 | 0.047122 | -0.002978 | -0.025484 | -0.028393 | -0.019327 | -0.019327 | -0.033584 | -0.033584 | -0.039841 | -0.039841 | -0.043003 | -0.043003 | -0.040298 | -0.040298 | -0.050369 | -0.050369 | -0.049080 | -0.049080 | -0.034812 | -0.034812 | -0.039098 | -0.039098 | -0.023566 | -0.023566 | -0.029765 | -0.029765 | -0.045256 | -0.045256 | -0.021430 | -0.021430 | -0.017727 | -0.017727 | -0.020172 | -0.020172 | -0.005639 | -0.005639 | -0.003305 | -0.003305 | 0.000412 | 0.000412 | -0.000712 | -0.000712 | -0.003011 | -0.003011 | -0.004632 | -0.004632 | -0.000005 | -0.000005 | -0.002246 | -0.002246 | -0.006299 | -0.006299 | -0.004060 | -0.004060 | -0.000186 | -0.000186 | -0.002363 | -0.002363 | -0.004614 | -0.004614 |
| 0.126463 | 0.049807 | -0.012477 | -0.032422 | -0.022646 | -0.020021 | -0.020021 | -0.029185 | -0.029185 | -0.037031 | -0.037031 | -0.051883 | -0.051883 | -0.062448 | -0.062448 | -0.042377 | -0.042377 | -0.041955 | -0.041955 | -0.041508 | -0.041508 | -0.037171 | -0.037171 | -0.029358 | -0.029358 | -0.043527 | -0.043527 | -0.049127 | -0.049127 | -0.034926 | -0.034926 | -0.024209 | -0.024209 | -0.017614 | -0.017614 | -0.016751 | -0.016751 | -0.009421 | -0.009421 | -0.004256 | -0.004256 | -0.003682 | -0.003682 | -0.001571 | -0.001571 | -0.002618 | -0.002618 | -0.003915 | -0.003915 | 0.002386 | 0.002386 | 0.001722 | 0.001722 | -0.000913 | -0.000913 | 0.001426 | 0.001426 | 0.001919 | 0.001919 | 0.004019 | 0.004019 |
| 0.126457 | 0.052493 | -0.007610 | -0.015374 | -0.009499 | -0.027898 | -0.027898 | -0.015353 | -0.015353 | -0.028149 | -0.028149 | -0.043426 | -0.043426 | -0.060726 | -0.060726 | -0.037541 | -0.037541 | -0.043861 | -0.043861 | -0.034796 | -0.034796 | -0.037943 | -0.037943 | -0.036634 | -0.036634 | -0.037345 | -0.037345 | -0.021685 | -0.021685 | -0.024749 | -0.024749 | -0.044247 | -0.044247 | -0.019962 | -0.019962 | -0.024062 | -0.024062 | -0.011004 | -0.011004 | -0.022617 | -0.022617 | -0.014648 | -0.014648 | -0.008766 | -0.008766 | -0.005826 | -0.005826 | -0.005417 | -0.005417 | -0.003902 | -0.003902 | 0.005251 | 0.005251 | -0.002236 | -0.002236 | 0.002300 | 0.002300 | 0.016422 | 0.016422 | 0.000599 | 0.000599 |
| 0.126452 | 0.055178 | 0.000229 | -0.004705 | -0.002163 | -0.035436 | -0.035436 | -0.031039 | -0.031039 | -0.032018 | -0.032018 | -0.034904 | -0.034904 | -0.044145 | -0.044145 | -0.025642 | -0.025642 | -0.063588 | -0.063588 | -0.032765 | -0.032765 | -0.029269 | -0.029269 | -0.037775 | -0.037775 | -0.039850 | -0.039850 | -0.020911 | -0.020911 | -0.038403 | -0.038403 | -0.045753 | -0.045753 | -0.022238 | -0.022238 | -0.049782 | -0.049782 | -0.023802 | -0.023802 | -0.042064 | -0.042064 | -0.028469 | -0.028469 | -0.017864 | -0.017864 | -0.016932 | -0.016932 | -0.011561 | -0.011561 | -0.013246 | -0.013246 | -0.005594 | -0.005594 | -0.016490 | -0.016490 | -0.000838 | -0.000838 | 0.010865 | 0.010865 | 0.013024 | 0.013024 |
| 0.126446 | 0.057863 | -0.000867 | -0.010999 | -0.009367 | -0.038252 | -0.038252 | -0.046113 | -0.046113 | -0.039998 | -0.039998 | -0.031993 | -0.031993 | -0.040664 | -0.040664 | -0.024104 | -0.024104 | -0.068091 | -0.068091 | -0.041287 | -0.041287 | -0.041928 | -0.041928 | -0.042770 | -0.042770 | -0.031366 | -0.031366 | -0.032260 | -0.032260 | -0.027694 | -0.027694 | -0.048141 | -0.048141 | -0.026208 | -0.026208 | -0.048271 | -0.048271 | -0.026819 | -0.026819 | -0.045943 | -0.045943 | -0.032035 | -0.032035 | -0.040256 | -0.040256 | -0.033735 | -0.033735 | -0.018719 | -0.018719 | -0.021977 | -0.021977 | -0.020290 | -0.020290 | -0.017095 | -0.017095 | -0.013372 | -0.013372 | -0.004869 | -0.004869 | 0.006995 | 0.006995 |
| 0.12644 | 0.060549 | -0.006261 | -0.006557 | -0.013278 | -0.027897 | -0.027897 | -0.032289 | -0.032289 | -0.040199 | -0.040199 | -0.030891 | -0.030891 | -0.051397 | -0.051397 | -0.029849 | -0.029849 | -0.044477 | -0.044477 | -0.034489 | -0.034489 | -0.054555 | -0.054555 | -0.048814 | -0.048814 | -0.037928 | -0.037928 | -0.034942 | -0.034942 | -0.024877 | -0.024877 | -0.047063 | -0.047063 | -0.037688 | -0.037688 | -0.044789 | -0.044789 | -0.038184 | -0.038184 | -0.046411 | -0.046411 | -0.034836 | -0.034836 | -0.041423 | -0.041423 | -0.023708 | -0.023708 | -0.024382 | -0.024382 | -0.022257 | -0.022257 | -0.030282 | -0.030282 | -0.020387 | -0.020387 | -0.026168 | -0.026168 | -0.015051 | -0.015051 | 0.000241 | 0.000241 |
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| 0.126412 | 0.073976 | -0.011650 | -0.020167 | -0.011073 | 0.000875 | 0.000875 | 0.002136 | 0.002136 | 0.010647 | 0.010647 | -0.005506 | -0.005506 | 0.013062 | 0.013062 | 0.007398 | 0.007398 | 0.005180 | 0.005180 | 0.000955 | 0.000955 | -0.004723 | -0.004723 | -0.013065 | -0.013065 | -0.017449 | -0.017449 | -0.006084 | -0.006084 | -0.006344 | -0.006344 | -0.004158 | -0.004158 | -0.010433 | -0.010433 | 0.002917 | 0.002917 | -0.026799 | -0.026799 | -0.001831 | -0.001831 | -0.007880 | -0.007880 | -0.019976 | -0.019976 | -0.028014 | -0.028014 | -0.020513 | -0.020513 | -0.029031 | -0.029031 | -0.046553 | -0.046553 | -0.048588 | -0.048588 | -0.049731 | -0.049731 | -0.012898 | -0.012898 | -0.010068 | -0.010068 |
| 0.126407 | 0.076661 | -0.031461 | -0.043546 | -0.044747 | -0.023408 | -0.023408 | -0.005688 | -0.005688 | 0.013345 | 0.013345 | 0.012903 | 0.012903 | 0.014200 | 0.014200 | 0.014455 | 0.014455 | 0.001891 | 0.001891 | 0.000673 | 0.000673 | -0.002632 | -0.002632 | -0.004522 | -0.004522 | -0.009049 | -0.009049 | -0.002961 | -0.002961 | 0.008207 | 0.008207 | -0.005569 | -0.005569 | -0.026441 | -0.026441 | 0.000897 | 0.000897 | -0.026656 | -0.026656 | -0.004279 | -0.004279 | -0.009668 | -0.009668 | -0.007938 | -0.007938 | -0.017694 | -0.017694 | -0.007420 | -0.007420 | -0.019609 | -0.019609 | -0.029939 | -0.029939 | -0.062172 | -0.062172 | -0.050562 | -0.050562 | -0.040954 | -0.040954 | -0.014838 | -0.014838 |
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| 0.126396 | 0.082032 | -0.041167 | -0.030317 | -0.039979 | -0.035432 | -0.035432 | -0.020849 | -0.020849 | -0.021493 | -0.021493 | -0.014837 | -0.014837 | 0.008020 | 0.008020 | 0.019293 | 0.019293 | 0.006647 | 0.006647 | 0.015896 | 0.015896 | 0.011519 | 0.011519 | 0.008281 | 0.008281 | 0.012992 | 0.012992 | 0.008877 | 0.008877 | 0.000391 | 0.000391 | -0.001610 | -0.001610 | -0.000935 | -0.000935 | -0.016030 | -0.016030 | -0.021088 | -0.021088 | -0.011949 | -0.011949 | -0.020116 | -0.020116 | -0.022206 | -0.022206 | -0.025134 | -0.025134 | -0.015021 | -0.015021 | -0.026600 | -0.026600 | -0.002312 | -0.002312 | -0.000515 | -0.000515 | -0.015328 | -0.015328 | -0.038178 | -0.038178 | -0.063165 | -0.063165 |
| 0.12639 | 0.084717 | -0.017896 | -0.025552 | -0.027315 | -0.021280 | -0.021280 | -0.015836 | -0.015836 | -0.002078 | -0.002078 | -0.011906 | -0.011906 | 0.003711 | 0.003711 | -0.011423 | -0.011423 | 0.003729 | 0.003729 | 0.001520 | 0.001520 | -0.017063 | -0.017063 | 0.000910 | 0.000910 | 0.001628 | 0.001628 | 0.009329 | 0.009329 | 0.004892 | 0.004892 | 0.003548 | 0.003548 | 0.008514 | 0.008514 | 0.004576 | 0.004576 | 0.002951 | 0.002951 | -0.002868 | -0.002868 | -0.013094 | -0.013094 | -0.019220 | -0.019220 | -0.029418 | -0.029418 | -0.017832 | -0.017832 | -0.022563 | -0.022563 | -0.007488 | -0.007488 | -0.013302 | -0.013302 | -0.005465 | -0.005465 | 0.012303 | 0.012303 | -0.015654 | -0.015654 |
| 0.126384 | 0.087403 | -0.018534 | -0.022930 | -0.014195 | -0.012424 | -0.012424 | -0.010602 | -0.010602 | -0.005678 | -0.005678 | -0.005016 | -0.005016 | -0.000431 | -0.000431 | -0.008421 | -0.008421 | -0.000960 | -0.000960 | -0.003065 | -0.003065 | 0.000906 | 0.000906 | -0.009638 | -0.009638 | -0.003310 | -0.003310 | 0.025884 | 0.025884 | 0.008450 | 0.008450 | 0.011162 | 0.011162 | 0.011069 | 0.011069 | 0.011063 | 0.011063 | 0.006063 | 0.006063 | 0.000367 | 0.000367 | -0.003475 | -0.003475 | -0.009728 | -0.009728 | -0.017667 | -0.017667 | -0.030175 | -0.030175 | -0.017635 | -0.017635 | -0.003617 | -0.003617 | -0.016667 | -0.016667 | 0.000595 | 0.000595 | -0.006236 | -0.006236 | -0.009848 | -0.009848 |
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| 0.107939 | 0.090498 | -0.031692 | -0.032174 | -0.032440 | -0.031312 | -0.031312 | -0.037114 | -0.037114 | -0.046472 | -0.046472 | -0.034867 | -0.034867 | -0.040159 | -0.040159 | -0.015410 | -0.015410 | -0.037324 | -0.037324 | -0.020806 | -0.020806 | -0.019305 | -0.019305 | -0.029611 | -0.029611 | -0.033752 | -0.033752 | -0.031380 | -0.031380 | -0.034144 | -0.034144 | -0.032761 | -0.032761 | -0.029046 | -0.029046 | -0.006944 | -0.006944 | -0.012781 | -0.012781 | -0.018123 | -0.018123 | -0.018115 | -0.018115 | -0.015959 | -0.015959 | -0.022832 | -0.022832 | -0.015220 | -0.015220 | -0.035334 | -0.035334 | -0.010038 | -0.010038 | -0.013081 | -0.013081 | -0.022693 | -0.022693 | -0.024035 | -0.024035 | -0.047980 | -0.047980 |
| 0.105253 | 0.090506 | -0.021533 | -0.041309 | -0.037800 | -0.035220 | -0.035220 | -0.044279 | -0.044279 | -0.049470 | -0.049470 | -0.046587 | -0.046587 | -0.050180 | -0.050180 | -0.029161 | -0.029161 | -0.041205 | -0.041205 | -0.017527 | -0.017527 | -0.029513 | -0.029513 | -0.029554 | -0.029554 | -0.033755 | -0.033755 | -0.028977 | -0.028977 | -0.044757 | -0.044757 | -0.032003 | -0.032003 | -0.030387 | -0.030387 | -0.029854 | -0.029854 | -0.008233 | -0.008233 | -0.010781 | -0.010781 | -0.014850 | -0.014850 | -0.021106 | -0.021106 | -0.028880 | -0.028880 | -0.021676 | -0.021676 | -0.032395 | -0.032395 | -0.014500 | -0.014500 | -0.018169 | -0.018169 | -0.017354 | -0.017354 | -0.021215 | -0.021215 | -0.021900 | -0.021900 |
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| 0.099883 | 0.090521 | -0.016488 | -0.031696 | -0.035427 | -0.036535 | -0.036535 | -0.048553 | -0.048553 | -0.053949 | -0.053949 | -0.051417 | -0.051417 | -0.041154 | -0.041154 | -0.033218 | -0.033218 | -0.036627 | -0.036627 | -0.034835 | -0.034835 | -0.025822 | -0.025822 | -0.028537 | -0.028537 | -0.026413 | -0.026413 | -0.018870 | -0.018870 | -0.026479 | -0.026479 | -0.018955 | -0.018955 | -0.018656 | -0.018656 | -0.020062 | -0.020062 | -0.023163 | -0.023163 | -0.016435 | -0.016435 | -0.006299 | -0.006299 | -0.012485 | -0.012485 | -0.028565 | -0.028565 | -0.030388 | -0.030388 | -0.029760 | -0.029760 | -0.029438 | -0.029438 | -0.015746 | -0.015746 | -0.017697 | -0.017697 | -0.019795 | -0.019795 | -0.024356 | -0.024356 |
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| 0.091826 | 0.090543 | -0.011716 | -0.018474 | -0.026410 | -0.030864 | -0.030864 | -0.042528 | -0.042528 | -0.058008 | -0.058008 | -0.053366 | -0.053366 | -0.063358 | -0.063358 | -0.043325 | -0.043325 | -0.052762 | -0.052762 | -0.047077 | -0.047077 | -0.052634 | -0.052634 | -0.050296 | -0.050296 | -0.044322 | -0.044322 | -0.037732 | -0.037732 | -0.035166 | -0.035166 | -0.029347 | -0.029347 | -0.019482 | -0.019482 | -0.017414 | -0.017414 | -0.014593 | -0.014593 | -0.011262 | -0.011262 | -0.017547 | -0.017547 | -0.016091 | -0.016091 | -0.017435 | -0.017435 | -0.015134 | -0.015134 | -0.019084 | -0.019084 | -0.024335 | -0.024335 | -0.029416 | -0.029416 | -0.018098 | -0.018098 | -0.023263 | -0.023263 | -0.024667 | -0.024667 |
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| 0.062287 | 0.090626 | -0.028997 | -0.027968 | -0.034815 | -0.059286 | -0.059286 | -0.047626 | -0.047626 | -0.058958 | -0.058958 | -0.050900 | -0.050900 | -0.039192 | -0.039192 | -0.028187 | -0.028187 | -0.020455 | -0.020455 | -0.010429 | -0.010429 | -0.019235 | -0.019235 | -0.013929 | -0.013929 | -0.024995 | -0.024995 | -0.023486 | -0.023486 | -0.037527 | -0.037527 | -0.013586 | -0.013586 | -0.030061 | -0.030061 | -0.024688 | -0.024688 | -0.019941 | -0.019941 | -0.015546 | -0.015546 | -0.014016 | -0.014016 | -0.019138 | -0.019138 | -0.021408 | -0.021408 | -0.020280 | -0.020280 | -0.016329 | -0.016329 | -0.014487 | -0.014487 | -0.015233 | -0.015233 | -0.007918 | -0.007918 | -0.002258 | -0.002258 | 0.000205 | 0.000205 |
| 0.059602 | 0.090633 | -0.027871 | -0.035241 | -0.042991 | -0.050523 | -0.050523 | -0.048123 | -0.048123 | -0.059615 | -0.059615 | -0.051463 | -0.051463 | -0.059398 | -0.059398 | -0.031640 | -0.031640 | -0.030590 | -0.030590 | -0.031546 | -0.031546 | -0.034871 | -0.034871 | -0.026310 | -0.026310 | -0.016589 | -0.016589 | -0.011039 | -0.011039 | -0.018893 | -0.018893 | -0.022296 | -0.022296 | -0.024787 | -0.024787 | -0.024848 | -0.024848 | -0.025305 | -0.025305 | -0.014117 | -0.014117 | -0.016435 | -0.016435 | -0.012600 | -0.012600 | -0.018564 | -0.018564 | -0.017194 | -0.017194 | -0.016156 | -0.016156 | -0.012910 | -0.012910 | -0.017851 | -0.017851 | -0.011396 | -0.011396 | -0.006581 | -0.006581 | -0.003485 | -0.003485 |
| 0.056916 | 0.090641 | -0.021095 | -0.032876 | -0.041254 | -0.042933 | -0.042933 | -0.046267 | -0.046267 | -0.063335 | -0.063335 | -0.037406 | -0.037406 | -0.070353 | -0.070353 | -0.041556 | -0.041556 | -0.049985 | -0.049985 | -0.034115 | -0.034115 | -0.042624 | -0.042624 | -0.030325 | -0.030325 | -0.023597 | -0.023597 | -0.023721 | -0.023721 | -0.023267 | -0.023267 | -0.025548 | -0.025548 | -0.034030 | -0.034030 | -0.016423 | -0.016423 | -0.020560 | -0.020560 | -0.030062 | -0.030062 | -0.012054 | -0.012054 | -0.004843 | -0.004843 | -0.007344 | -0.007344 | -0.012690 | -0.012690 | -0.014080 | -0.014080 | -0.011028 | -0.011028 | -0.018696 | -0.018696 | -0.010722 | -0.010722 | -0.006333 | -0.006333 | -0.007005 | -0.007005 |
| 0.054231 | 0.090648 | -0.025737 | -0.021780 | -0.009929 | -0.033287 | -0.033287 | -0.058409 | -0.058409 | -0.046753 | -0.046753 | -0.032011 | -0.032011 | -0.055956 | -0.055956 | -0.042507 | -0.042507 | -0.070380 | -0.070380 | -0.040171 | -0.040171 | -0.046843 | -0.046843 | -0.029317 | -0.029317 | -0.030877 | -0.030877 | -0.025341 | -0.025341 | -0.029106 | -0.029106 | -0.027139 | -0.027139 | -0.021520 | -0.021520 | -0.015252 | -0.015252 | -0.014158 | -0.014158 | -0.002178 | -0.002178 | 0.002544 | 0.002544 | 0.000570 | 0.000570 | -0.001581 | -0.001581 | -0.007615 | -0.007615 | -0.004129 | -0.004129 | -0.002969 | -0.002969 | -0.016929 | -0.016929 | -0.003505 | -0.003505 | 0.002521 | 0.002521 | -0.002418 | -0.002418 |
| 0.051546 | 0.090656 | -0.003565 | -0.014924 | -0.012378 | -0.018606 | -0.018606 | -0.030031 | -0.030031 | -0.045025 | -0.045025 | -0.039232 | -0.039232 | -0.061675 | -0.061675 | -0.020190 | -0.020190 | -0.063596 | -0.063596 | -0.042732 | -0.042732 | -0.049455 | -0.049455 | -0.020983 | -0.020983 | -0.043421 | -0.043421 | -0.032474 | -0.032474 | -0.034570 | -0.034570 | -0.029302 | -0.029302 | -0.013037 | -0.013037 | -0.015717 | -0.015717 | -0.001863 | -0.001863 | 0.004378 | 0.004378 | 0.006221 | 0.006221 | 0.004467 | 0.004467 | 0.001254 | 0.001254 | 0.005388 | 0.005388 | -0.001833 | -0.001833 | -0.000644 | -0.000644 | -0.008729 | -0.008729 | -0.002703 | -0.002703 | 0.002670 | 0.002670 | -0.001842 | -0.001842 |
| 0.04886 | 0.090663 | 0.000932 | -0.006125 | -0.015202 | -0.014377 | -0.014377 | -0.017421 | -0.017421 | -0.042452 | -0.042452 | -0.042471 | -0.042471 | -0.053064 | -0.053064 | -0.039408 | -0.039408 | -0.068164 | -0.068164 | -0.062782 | -0.062782 | -0.052877 | -0.052877 | -0.050648 | -0.050648 | -0.048786 | -0.048786 | -0.040010 | -0.040010 | -0.036403 | -0.036403 | -0.027567 | -0.027567 | -0.015713 | -0.015713 | -0.006568 | -0.006568 | 0.002966 | 0.002966 | 0.007444 | 0.007444 | 0.002299 | 0.002299 | 0.001063 | 0.001063 | -0.002423 | -0.002423 | 0.000838 | 0.000838 | -0.006652 | -0.006652 | -0.010783 | -0.010783 | -0.007063 | -0.007063 | -0.000438 | -0.000438 | 0.010819 | 0.010819 | 0.006584 | 0.006584 |
| 0.046175 | 0.090671 | 0.001877 | -0.005277 | -0.011597 | -0.012904 | -0.012904 | -0.023319 | -0.023319 | -0.043855 | -0.043855 | -0.039129 | -0.039129 | -0.047993 | -0.047993 | -0.051510 | -0.051510 | -0.054739 | -0.054739 | -0.056483 | -0.056483 | -0.054798 | -0.054798 | -0.052663 | -0.052663 | -0.057943 | -0.057943 | -0.048039 | -0.048039 | -0.039829 | -0.039829 | -0.033541 | -0.033541 | -0.025291 | -0.025291 | -0.007827 | -0.007827 | -0.010132 | -0.010132 | -0.004253 | -0.004253 | -0.003255 | -0.003255 | -0.001816 | -0.001816 | -0.001798 | -0.001798 | -0.007080 | -0.007080 | -0.008424 | -0.008424 | -0.015718 | -0.015718 | -0.011253 | -0.011253 | 0.013593 | 0.013593 | 0.012838 | 0.012838 | 0.003218 | 0.003218 |
| 0.043489 | 0.090678 | 0.011297 | -0.013763 | -0.014152 | -0.019449 | -0.019449 | -0.029568 | -0.029568 | -0.049306 | -0.049306 | -0.039129 | -0.039129 | -0.047675 | -0.047675 | -0.038127 | -0.038127 | -0.046964 | -0.046964 | -0.053711 | -0.053711 | -0.036305 | -0.036305 | -0.052565 | -0.052565 | -0.045577 | -0.045577 | -0.044130 | -0.044130 | -0.027878 | -0.027878 | -0.030824 | -0.030824 | -0.022788 | -0.022788 | -0.011200 | -0.011200 | -0.019827 | -0.019827 | -0.004910 | -0.004910 | 0.000765 | 0.000765 | 0.005201 | 0.005201 | 0.010604 | 0.010604 | 0.001561 | 0.001561 | 0.004421 | 0.004421 | -0.001188 | -0.001188 | 0.003633 | 0.003633 | 0.021422 | 0.021422 | 0.020840 | 0.020840 | 0.014231 | 0.014231 |
| 0.040804 | 0.090686 | -0.007778 | -0.019254 | -0.021693 | -0.022581 | -0.022581 | -0.035911 | -0.035911 | -0.047036 | -0.047036 | -0.048141 | -0.048141 | -0.062175 | -0.062175 | -0.044085 | -0.044085 | -0.030993 | -0.030993 | -0.052793 | -0.052793 | -0.050811 | -0.050811 | -0.024749 | -0.024749 | -0.030998 | -0.030998 | -0.026050 | -0.026050 | -0.022121 | -0.022121 | -0.032964 | -0.032964 | -0.018896 | -0.018896 | -0.027520 | -0.027520 | -0.019920 | -0.019920 | -0.006046 | -0.006046 | 0.013944 | 0.013944 | 0.010436 | 0.010436 | 0.009579 | 0.009579 | 0.015411 | 0.015411 | 0.008315 | 0.008315 | 0.011911 | 0.011911 | 0.017268 | 0.017268 | 0.021016 | 0.021016 | 0.017918 | 0.017918 | 0.028516 | 0.028516 |
| 0.038119 | 0.090693 | -0.025711 | -0.025044 | -0.027431 | -0.024988 | -0.024988 | -0.037418 | -0.037418 | -0.028453 | -0.028453 | -0.053256 | -0.053256 | -0.072399 | -0.072399 | -0.034724 | -0.034724 | -0.049739 | -0.049739 | -0.043833 | -0.043833 | -0.042351 | -0.042351 | 0.001948 | 0.001948 | -0.045321 | -0.045321 | -0.025711 | -0.025711 | -0.020235 | -0.020235 | -0.032834 | -0.032834 | 0.001963 | 0.001963 | 0.000631 | 0.000631 | -0.010896 | -0.010896 | 0.010020 | 0.010020 | 0.009937 | 0.009937 | 0.008465 | 0.008465 | 0.009069 | 0.009069 | 0.014167 | 0.014167 | -0.001036 | -0.001036 | 0.021717 | 0.021717 | 0.021581 | 0.021581 | 0.023404 | 0.023404 | 0.027552 | 0.027552 | 0.036601 | 0.036601 |
| 0.035433 | 0.090701 | -0.024718 | -0.031826 | -0.028625 | -0.036775 | -0.036775 | -0.045847 | -0.045847 | -0.024254 | -0.024254 | -0.050464 | -0.050464 | -0.058097 | -0.058097 | -0.037283 | -0.037283 | -0.043982 | -0.043982 | -0.047182 | -0.047182 | -0.023435 | -0.023435 | -0.021775 | -0.021775 | -0.028982 | -0.028982 | -0.030118 | -0.030118 | -0.034917 | -0.034917 | -0.022648 | -0.022648 | 0.008417 | 0.008417 | 0.006166 | 0.006166 | 0.007942 | 0.007942 | 0.015915 | 0.015915 | 0.014411 | 0.014411 | 0.010949 | 0.010949 | 0.014597 | 0.014597 | 0.019170 | 0.019170 | 0.023068 | 0.023068 | 0.027367 | 0.027367 | 0.029236 | 0.029236 | 0.028151 | 0.028151 | 0.040133 | 0.040133 | 0.041320 | 0.041320 |
| 0.032748 | 0.090708 | -0.029870 | -0.042953 | -0.034965 | -0.036382 | -0.036382 | -0.047492 | -0.047492 | -0.035762 | -0.035762 | -0.044279 | -0.044279 | -0.045113 | -0.045113 | -0.034903 | -0.034903 | -0.061266 | -0.061266 | -0.031390 | -0.031390 | -0.022497 | -0.022497 | -0.055628 | -0.055628 | -0.019124 | -0.019124 | -0.005407 | -0.005407 | -0.017771 | -0.017771 | -0.007267 | -0.007267 | 0.021318 | 0.021318 | 0.020774 | 0.020774 | 0.023318 | 0.023318 | 0.020923 | 0.020923 | 0.024185 | 0.024185 | 0.013556 | 0.013556 | 0.022784 | 0.022784 | 0.022400 | 0.022400 | 0.032048 | 0.032048 | 0.035315 | 0.035315 | 0.040156 | 0.040156 | 0.042829 | 0.042829 | 0.053843 | 0.053843 | 0.045897 | 0.045897 |
| 0.030062 | 0.090715 | -0.047448 | -0.040197 | -0.048833 | -0.039642 | -0.039642 | -0.045633 | -0.045633 | -0.051544 | -0.051544 | -0.033519 | -0.033519 | -0.039590 | -0.039590 | -0.037983 | -0.037983 | -0.061708 | -0.061708 | -0.039803 | -0.039803 | -0.028053 | -0.028053 | -0.035256 | -0.035256 | -0.037098 | -0.037098 | -0.004766 | -0.004766 | -0.006576 | -0.006576 | 0.014604 | 0.014604 | 0.032591 | 0.032591 | 0.026016 | 0.026016 | 0.033342 | 0.033342 | 0.029755 | 0.029755 | 0.032660 | 0.032660 | 0.016376 | 0.016376 | 0.031162 | 0.031162 | 0.027859 | 0.027859 | 0.036764 | 0.036764 | 0.047239 | 0.047239 | 0.042598 | 0.042598 | 0.059955 | 0.059955 | 0.064891 | 0.064891 | 0.048867 | 0.048867 |
| 0.027377 | 0.090723 | -0.031276 | -0.031337 | -0.045354 | -0.033761 | -0.033761 | -0.067221 | -0.067221 | -0.056338 | -0.056338 | -0.037643 | -0.037643 | -0.038884 | -0.038884 | -0.021251 | -0.021251 | -0.047368 | -0.047368 | -0.049896 | -0.049896 | -0.039504 | -0.039504 | -0.026521 | -0.026521 | -0.020242 | -0.020242 | 0.009555 | 0.009555 | 0.015442 | 0.015442 | 0.029041 | 0.029041 | 0.051090 | 0.051090 | 0.034200 | 0.034200 | 0.042961 | 0.042961 | 0.044491 | 0.044491 | 0.038178 | 0.038178 | 0.025119 | 0.025119 | 0.038055 | 0.038055 | 0.047742 | 0.047742 | 0.056939 | 0.056939 | 0.043041 | 0.043041 | 0.060562 | 0.060562 | 0.081527 | 0.081527 | 0.055348 | 0.055348 | 0.051076 | 0.051076 |
| 0.024692 | 0.09073 | -0.033507 | -0.032201 | -0.033157 | -0.047675 | -0.047675 | -0.062691 | -0.062691 | -0.063419 | -0.063419 | -0.039079 | -0.039079 | -0.037128 | -0.037128 | -0.015301 | -0.015301 | -0.055880 | -0.055880 | -0.029249 | -0.029249 | -0.034740 | -0.034740 | -0.035355 | -0.035355 | -0.009523 | -0.009523 | 0.013909 | 0.013909 | 0.024952 | 0.024952 | 0.034286 | 0.034286 | 0.056741 | 0.056741 | 0.045215 | 0.045215 | 0.051911 | 0.051911 | 0.059614 | 0.059614 | 0.046259 | 0.046259 | 0.030222 | 0.030222 | 0.053756 | 0.053756 | 0.049496 | 0.049496 | 0.059919 | 0.059919 | 0.073037 | 0.073037 | 0.049599 | 0.049599 | 0.059008 | 0.059008 | 0.049781 | 0.049781 | 0.051226 | 0.051226 |
| 0.022006 | 0.090738 | -0.024837 | -0.025305 | -0.031727 | -0.030165 | -0.030165 | -0.043605 | -0.043605 | -0.049864 | -0.049864 | -0.027050 | -0.027050 | -0.034678 | -0.034678 | -0.021739 | -0.021739 | -0.047113 | -0.047113 | -0.019325 | -0.019325 | -0.034490 | -0.034490 | -0.049211 | -0.049211 | 0.001148 | 0.001148 | 0.003432 | 0.003432 | 0.037457 | 0.037457 | 0.048591 | 0.048591 | 0.052855 | 0.052855 | 0.046661 | 0.046661 | 0.052603 | 0.052603 | 0.061482 | 0.061482 | 0.055761 | 0.055761 | 0.046812 | 0.046812 | 0.058059 | 0.058059 | 0.056910 | 0.056910 | 0.070557 | 0.070557 | 0.063719 | 0.063719 | 0.056624 | 0.056624 | 0.047449 | 0.047449 | 0.068917 | 0.068917 | 0.046835 | 0.046835 |
| 0.02113 | 0.088945 | -0.029549 | -0.022332 | -0.032676 | -0.030184 | -0.030184 | -0.040889 | -0.040889 | -0.047126 | -0.047126 | -0.017838 | -0.017838 | -0.044126 | -0.044126 | -0.036079 | -0.036079 | -0.046951 | -0.046951 | -0.022805 | -0.022805 | -0.035427 | -0.035427 | -0.022507 | -0.022507 | 0.014773 | 0.014773 | 0.019126 | 0.019126 | 0.051619 | 0.051619 | 0.050658 | 0.050658 | 0.050858 | 0.050858 | 0.054747 | 0.054747 | 0.051397 | 0.051397 | 0.058373 | 0.058373 | 0.044644 | 0.044644 | 0.043305 | 0.043305 | 0.057338 | 0.057338 | 0.066712 | 0.066712 | 0.072307 | 0.072307 | 0.052770 | 0.052770 | 0.046230 | 0.046230 | 0.045804 | 0.045804 | 0.069280 | 0.069280 | 0.039592 | 0.039592 |
| 0.021149 | 0.086259 | -0.036077 | -0.018238 | -0.026696 | -0.029578 | -0.029578 | -0.035619 | -0.035619 | -0.051810 | -0.051810 | -0.009166 | -0.009166 | -0.019488 | -0.019488 | -0.034612 | -0.034612 | -0.039666 | -0.039666 | -0.014834 | -0.014834 | -0.010882 | -0.010882 | 0.000888 | 0.000888 | 0.036508 | 0.036508 | 0.033566 | 0.033566 | 0.060481 | 0.060481 | 0.046490 | 0.046490 | 0.049535 | 0.049535 | 0.054791 | 0.054791 | 0.050257 | 0.050257 | 0.064712 | 0.064712 | 0.049173 | 0.049173 | 0.033473 | 0.033473 | 0.056370 | 0.056370 | 0.060433 | 0.060433 | 0.059995 | 0.059995 | 0.054827 | 0.054827 | 0.046718 | 0.046718 | 0.081655 | 0.081655 | 0.052778 | 0.052778 | 0.030766 | 0.030766 |
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| 0.021187 | 0.080889 | -0.013799 | -0.016240 | -0.013039 | -0.020124 | -0.020124 | -0.033384 | -0.033384 | -0.038092 | -0.038092 | -0.012459 | -0.012459 | -0.021079 | -0.021079 | -0.006188 | -0.006188 | -0.004787 | -0.004787 | 0.019059 | 0.019059 | 0.019887 | 0.019887 | 0.023479 | 0.023479 | 0.040744 | 0.040744 | 0.040734 | 0.040734 | 0.050984 | 0.050984 | 0.040973 | 0.040973 | 0.049649 | 0.049649 | 0.053045 | 0.053045 | 0.044020 | 0.044020 | 0.079757 | 0.079757 | 0.050227 | 0.050227 | 0.057210 | 0.057210 | 0.049629 | 0.049629 | 0.059352 | 0.059352 | 0.045431 | 0.045431 | 0.054181 | 0.054181 | 0.034737 | 0.034737 | 0.032900 | 0.032900 | 0.012472 | 0.012472 | 0.030645 | 0.030645 |
| 0.021207 | 0.078203 | -0.007667 | -0.015718 | -0.012100 | -0.007681 | -0.007681 | -0.033868 | -0.033868 | -0.019172 | -0.019172 | -0.017458 | -0.017458 | -0.004406 | -0.004406 | -0.001598 | -0.001598 | 0.012257 | 0.012257 | 0.028034 | 0.028034 | 0.034539 | 0.034539 | 0.042582 | 0.042582 | 0.038129 | 0.038129 | 0.039212 | 0.039212 | 0.042957 | 0.042957 | 0.043721 | 0.043721 | 0.049156 | 0.049156 | 0.048601 | 0.048601 | 0.043721 | 0.043721 | 0.058531 | 0.058531 | 0.054260 | 0.054260 | 0.051591 | 0.051591 | 0.048168 | 0.048168 | 0.046063 | 0.046063 | 0.045966 | 0.045966 | 0.063501 | 0.063501 | 0.028600 | 0.028600 | 0.035935 | 0.035935 | 0.007682 | 0.007682 | 0.013476 | 0.013476 |
| 0.021226 | 0.075518 | 0.005472 | -0.006085 | -0.006253 | -0.005798 | -0.005798 | -0.013531 | -0.013531 | -0.006091 | -0.006091 | -0.007987 | -0.007987 | -0.003745 | -0.003745 | 0.006426 | 0.006426 | 0.020936 | 0.020936 | 0.038550 | 0.038550 | 0.044030 | 0.044030 | 0.037520 | 0.037520 | 0.034138 | 0.034138 | 0.042031 | 0.042031 | 0.038848 | 0.038848 | 0.045523 | 0.045523 | 0.050880 | 0.050880 | 0.038311 | 0.038311 | 0.043393 | 0.043393 | 0.045716 | 0.045716 | 0.051428 | 0.051428 | 0.051680 | 0.051680 | 0.047688 | 0.047688 | 0.045398 | 0.045398 | 0.047758 | 0.047758 | 0.045364 | 0.045364 | 0.021590 | 0.021590 | 0.020852 | 0.020852 | 0.008194 | 0.008194 | 0.002110 | 0.002110 |
| 0.021245 | 0.072833 | 0.006091 | 0.003038 | -0.000607 | 0.001884 | 0.001884 | 0.004576 | 0.004576 | 0.003642 | 0.003642 | -0.002372 | -0.002372 | -0.000920 | -0.000920 | 0.004655 | 0.004655 | 0.021755 | 0.021755 | 0.047092 | 0.047092 | 0.040589 | 0.040589 | 0.031056 | 0.031056 | 0.038468 | 0.038468 | 0.051859 | 0.051859 | 0.048551 | 0.048551 | 0.042517 | 0.042517 | 0.041138 | 0.041138 | 0.043979 | 0.043979 | 0.046656 | 0.046656 | 0.054095 | 0.054095 | 0.039154 | 0.039154 | 0.042053 | 0.042053 | 0.040922 | 0.040922 | 0.035691 | 0.035691 | 0.045905 | 0.045905 | 0.021258 | 0.021258 | 0.005578 | 0.005578 | -0.002056 | -0.002056 | -0.000706 | -0.000706 | 0.000413 | 0.000413 |
| 0.021265 | 0.070147 | 0.005420 | 0.013883 | 0.007536 | 0.015584 | 0.015584 | 0.014193 | 0.014193 | 0.000424 | 0.000424 | -0.005119 | -0.005119 | 0.006345 | 0.006345 | 0.004368 | 0.004368 | 0.024412 | 0.024412 | 0.040007 | 0.040007 | 0.030034 | 0.030034 | 0.033305 | 0.033305 | 0.045690 | 0.045690 | 0.049792 | 0.049792 | 0.051156 | 0.051156 | 0.039604 | 0.039604 | 0.041616 | 0.041616 | 0.037777 | 0.037777 | 0.035173 | 0.035173 | 0.045621 | 0.045621 | 0.042625 | 0.042625 | 0.038012 | 0.038012 | 0.040583 | 0.040583 | 0.029190 | 0.029190 | 0.022128 | 0.022128 | 0.001192 | 0.001192 | -0.015843 | -0.015843 | -0.001455 | -0.001455 | -0.001318 | -0.001318 | -0.006114 | -0.006114 |
| 0.021284 | 0.067462 | 0.009876 | 0.032009 | 0.020116 | 0.023369 | 0.023369 | 0.012325 | 0.012325 | -0.001052 | -0.001052 | -0.007966 | -0.007966 | 0.015343 | 0.015343 | 0.009999 | 0.009999 | 0.023829 | 0.023829 | 0.029866 | 0.029866 | 0.021460 | 0.021460 | 0.027810 | 0.027810 | 0.036626 | 0.036626 | 0.040449 | 0.040449 | 0.045993 | 0.045993 | 0.028829 | 0.028829 | 0.007151 | 0.007151 | 0.053160 | 0.053160 | 0.034529 | 0.034529 | 0.038156 | 0.038156 | 0.033577 | 0.033577 | 0.025572 | 0.025572 | 0.026381 | 0.026381 | 0.015294 | 0.015294 | -0.000536 | -0.000536 | -0.007038 | -0.007038 | -0.004862 | -0.004862 | 0.002412 | 0.002412 | -0.003583 | -0.003583 | -0.011430 | -0.011430 |
| 0.021303 | 0.064777 | 0.024345 | 0.043359 | 0.022527 | 0.027807 | 0.027807 | 0.020099 | 0.020099 | 0.007686 | 0.007686 | 0.002633 | 0.002633 | 0.013886 | 0.013886 | 0.009909 | 0.009909 | 0.020546 | 0.020546 | 0.030730 | 0.030730 | 0.024882 | 0.024882 | 0.027739 | 0.027739 | 0.033992 | 0.033992 | 0.035941 | 0.035941 | 0.041376 | 0.041376 | 0.023477 | 0.023477 | 0.017416 | 0.017416 | 0.035847 | 0.035847 | 0.031939 | 0.031939 | 0.029685 | 0.029685 | 0.021045 | 0.021045 | 0.017137 | 0.017137 | 0.014481 | 0.014481 | -0.000339 | -0.000339 | -0.001282 | -0.001282 | 0.000990 | 0.000990 | -0.000149 | -0.000149 | -0.002920 | -0.002920 | -0.013172 | -0.013172 | -0.015807 | -0.015807 |
| 0.021322 | 0.062091 | 0.028604 | 0.037732 | 0.022585 | 0.034797 | 0.034797 | 0.025932 | 0.025932 | 0.009537 | 0.009537 | 0.003921 | 0.003921 | 0.003330 | 0.003330 | 0.002046 | 0.002046 | 0.016532 | 0.016532 | 0.031256 | 0.031256 | 0.026667 | 0.026667 | 0.030932 | 0.030932 | 0.030145 | 0.030145 | 0.028009 | 0.028009 | 0.038868 | 0.038868 | 0.031810 | 0.031810 | 0.021750 | 0.021750 | 0.038226 | 0.038226 | 0.030000 | 0.030000 | 0.026223 | 0.026223 | 0.019214 | 0.019214 | 0.013119 | 0.013119 | 0.001441 | 0.001441 | -0.001981 | -0.001981 | 0.001263 | 0.001263 | -0.000603 | -0.000603 | -0.009585 | -0.009585 | -0.010370 | -0.010370 | -0.016521 | -0.016521 | -0.029254 | -0.029254 |
| 0.021342 | 0.059406 | 0.011278 | 0.029353 | 0.021554 | 0.028683 | 0.028683 | 0.022694 | 0.022694 | 0.007819 | 0.007819 | 0.005529 | 0.005529 | -0.007587 | -0.007587 | 0.003049 | 0.003049 | 0.019033 | 0.019033 | 0.026044 | 0.026044 | 0.031345 | 0.031345 | 0.030996 | 0.030996 | 0.035660 | 0.035660 | 0.029931 | 0.029931 | 0.035116 | 0.035116 | 0.033601 | 0.033601 | 0.020804 | 0.020804 | 0.029962 | 0.029962 | 0.016426 | 0.016426 | 0.019284 | 0.019284 | 0.009032 | 0.009032 | 0.014097 | 0.014097 | 0.003200 | 0.003200 | 0.005822 | 0.005822 | -0.002029 | -0.002029 | -0.010584 | -0.010584 | -0.017194 | -0.017194 | -0.015182 | -0.015182 | -0.016357 | -0.016357 | -0.023878 | -0.023878 |
| 0.021361 | 0.056721 | 0.004988 | 0.023274 | 0.024610 | 0.018768 | 0.018768 | 0.023062 | 0.023062 | 0.006298 | 0.006298 | 0.012057 | 0.012057 | 0.006779 | 0.006779 | 0.005344 | 0.005344 | 0.024738 | 0.024738 | 0.032142 | 0.032142 | 0.024566 | 0.024566 | 0.031816 | 0.031816 | 0.037155 | 0.037155 | 0.012427 | 0.012427 | 0.034144 | 0.034144 | 0.035483 | 0.035483 | 0.005723 | 0.005723 | 0.014242 | 0.014242 | 0.006540 | 0.006540 | 0.013967 | 0.013967 | 0.009978 | 0.009978 | 0.005675 | 0.005675 | 0.003502 | 0.003502 | 0.002257 | 0.002257 | -0.010731 | -0.010731 | -0.022585 | -0.022585 | -0.017769 | -0.017769 | -0.014017 | -0.014017 | -0.027067 | -0.027067 | -0.013601 | -0.013601 |
| 0.02138 | 0.054035 | 0.001932 | 0.018860 | 0.010873 | 0.018777 | 0.018777 | 0.018036 | 0.018036 | 0.006257 | 0.006257 | 0.010525 | 0.010525 | 0.009433 | 0.009433 | 0.007743 | 0.007743 | 0.020188 | 0.020188 | 0.025606 | 0.025606 | 0.019799 | 0.019799 | 0.030356 | 0.030356 | 0.039171 | 0.039171 | 0.003269 | 0.003269 | 0.033454 | 0.033454 | 0.017346 | 0.017346 | -0.003348 | -0.003348 | -0.007326 | -0.007326 | 0.009855 | 0.009855 | 0.006192 | 0.006192 | 0.004398 | 0.004398 | 0.004023 | 0.004023 | -0.005888 | -0.005888 | -0.011003 | -0.011003 | -0.019241 | -0.019241 | -0.016022 | -0.016022 | -0.022629 | -0.022629 | -0.018390 | -0.018390 | -0.024503 | -0.024503 | -0.010598 | -0.010598 |
| 0.021399 | 0.05135 | 0.003762 | 0.021341 | 0.015676 | 0.022353 | 0.022353 | 0.023259 | 0.023259 | 0.010723 | 0.010723 | 0.003555 | 0.003555 | 0.002752 | 0.002752 | 0.000246 | 0.000246 | 0.009996 | 0.009996 | 0.023949 | 0.023949 | 0.021665 | 0.021665 | 0.021452 | 0.021452 | 0.008910 | 0.008910 | -0.003457 | -0.003457 | 0.016577 | 0.016577 | 0.005021 | 0.005021 | -0.001010 | -0.001010 | -0.000646 | -0.000646 | 0.000970 | 0.000970 | 0.003073 | 0.003073 | -0.001237 | -0.001237 | -0.007113 | -0.007113 | -0.015296 | -0.015296 | -0.020638 | -0.020638 | -0.019657 | -0.019657 | -0.013564 | -0.013564 | -0.025005 | -0.025005 | -0.008032 | -0.008032 | -0.014100 | -0.014100 | -0.015696 | -0.015696 |
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| 0.021438 | 0.045979 | 0.001129 | 0.018810 | 0.013957 | 0.014499 | 0.014499 | 0.014731 | 0.014731 | 0.001533 | 0.001533 | -0.006733 | -0.006733 | -0.004693 | -0.004693 | -0.003471 | -0.003471 | 0.002332 | 0.002332 | -0.001451 | -0.001451 | -0.012372 | -0.012372 | -0.011224 | -0.011224 | -0.011028 | -0.011028 | -0.007921 | -0.007921 | 0.000055 | 0.000055 | -0.000405 | -0.000405 | -0.003252 | -0.003252 | -0.004371 | -0.004371 | -0.015188 | -0.015188 | -0.017934 | -0.017934 | -0.024390 | -0.024390 | -0.027331 | -0.027331 | -0.028191 | -0.028191 | -0.012571 | -0.012571 | -0.022247 | -0.022247 | -0.015221 | -0.015221 | -0.007522 | -0.007522 | -0.007684 | -0.007684 | -0.010394 | -0.010394 | -0.019290 | -0.019290 |
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| 0.021477 | 0.040608 | -0.001971 | 0.019385 | 0.029433 | 0.023967 | 0.023967 | 0.004712 | 0.004712 | -0.005992 | -0.005992 | -0.004941 | -0.004941 | -0.020788 | -0.020788 | -0.022690 | -0.022690 | -0.015356 | -0.015356 | -0.006246 | -0.006246 | -0.010461 | -0.010461 | -0.012123 | -0.012123 | -0.002039 | -0.002039 | -0.004725 | -0.004725 | -0.012721 | -0.012721 | -0.018067 | -0.018067 | -0.020037 | -0.020037 | -0.031777 | -0.031777 | -0.035302 | -0.035302 | -0.014325 | -0.014325 | -0.029482 | -0.029482 | -0.017593 | -0.017593 | -0.027831 | -0.027831 | -0.014045 | -0.014045 | -0.010380 | -0.010380 | -0.009791 | -0.009791 | -0.012055 | -0.012055 | -0.019143 | -0.019143 | -0.022616 | -0.022616 | -0.035139 | -0.035139 |
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| 0.021515 | 0.035238 | 0.011440 | 0.012909 | 0.017987 | 0.010148 | 0.010148 | -0.007320 | -0.007320 | -0.025713 | -0.025713 | -0.024487 | -0.024487 | -0.028936 | -0.028936 | -0.017796 | -0.017796 | -0.014628 | -0.014628 | -0.008900 | -0.008900 | -0.010970 | -0.010970 | -0.014256 | -0.014256 | -0.014324 | -0.014324 | -0.023075 | -0.023075 | -0.036527 | -0.036527 | -0.019470 | -0.019470 | -0.030737 | -0.030737 | -0.024408 | -0.024408 | -0.023552 | -0.023552 | -0.038166 | -0.038166 | -0.017090 | -0.017090 | -0.007552 | -0.007552 | -0.025235 | -0.025235 | -0.030136 | -0.030136 | -0.021935 | -0.021935 | -0.025475 | -0.025475 | -0.032779 | -0.032779 | -0.043394 | -0.043394 | -0.057943 | -0.057943 | -0.050498 | -0.050498 |
| 0.021534 | 0.032552 | 0.015722 | 0.015515 | 0.004554 | 0.009034 | 0.009034 | 0.001069 | 0.001069 | -0.019632 | -0.019632 | -0.015086 | -0.015086 | -0.023582 | -0.023582 | -0.020057 | -0.020057 | -0.022951 | -0.022951 | -0.016640 | -0.016640 | -0.019055 | -0.019055 | -0.022405 | -0.022405 | -0.019908 | -0.019908 | -0.015375 | -0.015375 | -0.020766 | -0.020766 | -0.010062 | -0.010062 | -0.017432 | -0.017432 | -0.022978 | -0.022978 | -0.026512 | -0.026512 | -0.043994 | -0.043994 | -0.036510 | -0.036510 | -0.020543 | -0.020543 | -0.026789 | -0.026789 | -0.026740 | -0.026740 | -0.018037 | -0.018037 | -0.036015 | -0.036015 | -0.057299 | -0.057299 | -0.059285 | -0.059285 | -0.058721 | -0.058721 | -0.063492 | -0.063492 |
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| 0.077458 | 0.029462 | 0.001121 | -0.008335 | -0.012576 | -0.014278 | -0.014278 | -0.018021 | -0.018021 | -0.029966 | -0.029966 | -0.031891 | -0.031891 | -0.029761 | -0.029761 | -0.010943 | -0.010943 | -0.008818 | -0.008818 | 0.008142 | 0.008142 | 0.000710 | 0.000710 | -0.004889 | -0.004889 | -0.006229 | -0.006229 | -0.007828 | -0.007828 | -0.015638 | -0.015638 | -0.019370 | -0.019370 | -0.016672 | -0.016672 | -0.020425 | -0.020425 | -0.012395 | -0.012395 | -0.001958 | -0.001958 | -0.004581 | -0.004581 | 0.003870 | 0.003870 | 0.001503 | 0.001503 | 0.005861 | 0.005861 | 0.000303 | 0.000303 | -0.010708 | -0.010708 | -0.028127 | -0.028127 | -0.030622 | -0.030622 | -0.040232 | -0.040232 | -0.034490 | -0.034490 |
| 0.080144 | 0.029466 | -0.002036 | -0.003334 | -0.005083 | -0.007429 | -0.007429 | -0.013009 | -0.013009 | -0.023120 | -0.023120 | -0.017367 | -0.017367 | -0.022520 | -0.022520 | -0.006501 | -0.006501 | -0.011187 | -0.011187 | -0.001576 | -0.001576 | -0.006554 | -0.006554 | -0.008952 | -0.008952 | -0.006587 | -0.006587 | -0.006194 | -0.006194 | -0.021388 | -0.021388 | -0.015659 | -0.015659 | -0.008458 | -0.008458 | -0.017321 | -0.017321 | -0.010665 | -0.010665 | 0.005907 | 0.005907 | 0.004870 | 0.004870 | 0.010485 | 0.010485 | 0.004177 | 0.004177 | 0.013473 | 0.013473 | 0.002279 | 0.002279 | -0.003126 | -0.003126 | -0.028162 | -0.028162 | -0.029650 | -0.029650 | -0.040402 | -0.040402 | -0.022734 | -0.022734 |
| 0.082829 | 0.02947 | 0.027655 | 0.003670 | 0.000097 | 0.001722 | 0.001722 | -0.004323 | -0.004323 | -0.013976 | -0.013976 | -0.018665 | -0.018665 | -0.013667 | -0.013667 | -0.005622 | -0.005622 | -0.005671 | -0.005671 | -0.001077 | -0.001077 | -0.006825 | -0.006825 | -0.009914 | -0.009914 | -0.009224 | -0.009224 | -0.013979 | -0.013979 | -0.014980 | -0.014980 | -0.011181 | -0.011181 | -0.009317 | -0.009317 | 0.001159 | 0.001159 | 0.000209 | 0.000209 | 0.008034 | 0.008034 | 0.020117 | 0.020117 | 0.019905 | 0.019905 | 0.004657 | 0.004657 | 0.004015 | 0.004015 | 0.001428 | 0.001428 | -0.010411 | -0.010411 | -0.026072 | -0.026072 | -0.023724 | -0.023724 | -0.041432 | -0.041432 | -0.023805 | -0.023805 |
| 0.085514 | 0.029474 | 0.010656 | 0.008967 | 0.002961 | 0.000427 | 0.000427 | 0.001000 | 0.001000 | 0.002172 | 0.002172 | -0.010994 | -0.010994 | -0.007166 | -0.007166 | 0.001263 | 0.001263 | -0.011652 | -0.011652 | -0.001386 | -0.001386 | -0.003585 | -0.003585 | -0.002664 | -0.002664 | -0.006396 | -0.006396 | -0.008309 | -0.008309 | -0.018070 | -0.018070 | -0.008372 | -0.008372 | -0.001105 | -0.001105 | 0.006240 | 0.006240 | 0.004609 | 0.004609 | 0.008187 | 0.008187 | 0.017391 | 0.017391 | 0.019859 | 0.019859 | 0.035737 | 0.035737 | -0.003516 | -0.003516 | -0.016461 | -0.016461 | -0.018686 | -0.018686 | -0.021205 | -0.021205 | -0.015400 | -0.015400 | -0.044955 | -0.044955 | -0.010008 | -0.010008 |
| 0.0882 | 0.029478 | 0.012911 | 0.011527 | 0.007596 | 0.002954 | 0.002954 | 0.003004 | 0.003004 | -0.003581 | -0.003581 | -0.004365 | -0.004365 | -0.000101 | -0.000101 | -0.006341 | -0.006341 | -0.007756 | -0.007756 | 0.001641 | 0.001641 | 0.000472 | 0.000472 | 0.003931 | 0.003931 | 0.002679 | 0.002679 | -0.003047 | -0.003047 | -0.012344 | -0.012344 | -0.001531 | -0.001531 | 0.001726 | 0.001726 | 0.005399 | 0.005399 | 0.004885 | 0.004885 | 0.022226 | 0.022226 | 0.015827 | 0.015827 | 0.022964 | 0.022964 | 0.025083 | 0.025083 | 0.004046 | 0.004046 | -0.015510 | -0.015510 | -0.002452 | -0.002452 | -0.032900 | -0.032900 | -0.020637 | -0.020637 | -0.030633 | -0.030633 | -0.009828 | -0.009828 |
| 0.090885 | 0.029483 | 0.026465 | 0.018023 | 0.011466 | 0.019729 | 0.019729 | 0.008037 | 0.008037 | 0.001468 | 0.001468 | 0.001024 | 0.001024 | 0.002280 | 0.002280 | -0.003133 | -0.003133 | -0.002498 | -0.002498 | 0.002693 | 0.002693 | 0.005298 | 0.005298 | -0.005781 | -0.005781 | -0.000156 | -0.000156 | -0.004462 | -0.004462 | -0.003044 | -0.003044 | -0.001510 | -0.001510 | 0.006501 | 0.006501 | 0.007412 | 0.007412 | 0.017169 | 0.017169 | 0.021384 | 0.021384 | 0.019681 | 0.019681 | 0.000435 | 0.000435 | 0.002675 | 0.002675 | -0.004408 | -0.004408 | -0.014748 | -0.014748 | -0.009814 | -0.009814 | -0.007566 | -0.007566 | -0.027289 | -0.027289 | -0.025672 | -0.025672 | -0.012838 | -0.012838 |
| 0.093571 | 0.029487 | 0.009719 | 0.019643 | 0.014106 | 0.016277 | 0.016277 | 0.017957 | 0.017957 | 0.005808 | 0.005808 | 0.009706 | 0.009706 | 0.008990 | 0.008990 | 0.003007 | 0.003007 | -0.000364 | -0.000364 | 0.006382 | 0.006382 | 0.002163 | 0.002163 | 0.002544 | 0.002544 | 0.000195 | 0.000195 | -0.004775 | -0.004775 | -0.001382 | -0.001382 | 0.007085 | 0.007085 | -0.001456 | -0.001456 | 0.012155 | 0.012155 | 0.027351 | 0.027351 | 0.023214 | 0.023214 | 0.014217 | 0.014217 | 0.011455 | 0.011455 | -0.005072 | -0.005072 | -0.013971 | -0.013971 | -0.012379 | -0.012379 | -0.005508 | -0.005508 | -0.010208 | -0.010208 | -0.023727 | -0.023727 | -0.022578 | -0.022578 | -0.018496 | -0.018496 |
| 0.096256 | 0.029491 | 0.008200 | 0.017174 | 0.011623 | 0.011654 | 0.011654 | 0.011654 | 0.011654 | 0.006682 | 0.006682 | 0.006273 | 0.006273 | 0.006796 | 0.006796 | 0.004605 | 0.004605 | -0.001433 | -0.001433 | 0.003685 | 0.003685 | 0.002514 | 0.002514 | 0.002527 | 0.002527 | 0.003531 | 0.003531 | -0.003578 | -0.003578 | 0.001437 | 0.001437 | 0.007512 | 0.007512 | 0.005213 | 0.005213 | 0.015798 | 0.015798 | 0.031063 | 0.031063 | 0.023308 | 0.023308 | 0.021000 | 0.021000 | 0.015142 | 0.015142 | 0.009808 | 0.009808 | -0.011582 | -0.011582 | 0.003738 | 0.003738 | -0.001978 | -0.001978 | -0.008560 | -0.008560 | -0.020587 | -0.020587 | -0.032881 | -0.032881 | -0.036673 | -0.036673 |
| 0.098941 | 0.029495 | 0.011177 | 0.008856 | 0.009668 | 0.011137 | 0.011137 | 0.006281 | 0.006281 | 0.002547 | 0.002547 | 0.004120 | 0.004120 | 0.005954 | 0.005954 | 0.001509 | 0.001509 | 0.002135 | 0.002135 | 0.013645 | 0.013645 | 0.006100 | 0.006100 | 0.004024 | 0.004024 | 0.008184 | 0.008184 | 0.004346 | 0.004346 | 0.004173 | 0.004173 | 0.012626 | 0.012626 | 0.008973 | 0.008973 | 0.027795 | 0.027795 | 0.037069 | 0.037069 | 0.042718 | 0.042718 | 0.028800 | 0.028800 | 0.022844 | 0.022844 | 0.016956 | 0.016956 | 0.004147 | 0.004147 | 0.012798 | 0.012798 | -0.014053 | -0.014053 | -0.004158 | -0.004158 | -0.006903 | -0.006903 | -0.038797 | -0.038797 | -0.025841 | -0.025841 |
| 0.101627 | 0.029499 | 0.013053 | 0.014048 | 0.005369 | 0.002416 | 0.002416 | 0.003829 | 0.003829 | -0.006664 | -0.006664 | -0.007141 | -0.007141 | 0.002700 | 0.002700 | 0.003633 | 0.003633 | 0.003612 | 0.003612 | 0.008320 | 0.008320 | 0.005584 | 0.005584 | 0.010118 | 0.010118 | 0.007635 | 0.007635 | 0.003399 | 0.003399 | 0.012766 | 0.012766 | 0.009522 | 0.009522 | 0.017739 | 0.017739 | 0.034251 | 0.034251 | 0.032103 | 0.032103 | 0.033362 | 0.033362 | 0.030266 | 0.030266 | 0.019503 | 0.019503 | 0.017199 | 0.017199 | 0.003365 | 0.003365 | -0.011468 | -0.011468 | -0.016772 | -0.016772 | -0.012162 | -0.012162 | 0.003614 | 0.003614 | -0.015171 | -0.015171 | -0.002251 | -0.002251 |
| 0.104312 | 0.029503 | 0.022687 | 0.008593 | -0.003278 | -0.004254 | -0.004254 | 0.000596 | 0.000596 | -0.009371 | -0.009371 | -0.006117 | -0.006117 | -0.001955 | -0.001955 | -0.002566 | -0.002566 | -0.000303 | -0.000303 | -0.001341 | -0.001341 | -0.005090 | -0.005090 | 0.000066 | 0.000066 | 0.001069 | 0.001069 | 0.003928 | 0.003928 | 0.009164 | 0.009164 | 0.014090 | 0.014090 | 0.028079 | 0.028079 | 0.027878 | 0.027878 | 0.032669 | 0.032669 | 0.034769 | 0.034769 | 0.041611 | 0.041611 | 0.028848 | 0.028848 | 0.025874 | 0.025874 | 0.003221 | 0.003221 | -0.004146 | -0.004146 | -0.008300 | -0.008300 | -0.016079 | -0.016079 | -0.006591 | -0.006591 | -0.013968 | -0.013968 | -0.002872 | -0.002872 |
| 0.106998 | 0.029508 | 0.020766 | 0.006932 | -0.004236 | -0.004419 | -0.004419 | -0.015533 | -0.015533 | -0.011827 | -0.011827 | -0.012999 | -0.012999 | -0.010605 | -0.010605 | -0.010997 | -0.010997 | -0.010986 | -0.010986 | -0.017595 | -0.017595 | -0.016886 | -0.016886 | -0.021162 | -0.021162 | -0.001870 | -0.001870 | -0.001906 | -0.001906 | 0.002546 | 0.002546 | 0.007432 | 0.007432 | 0.013218 | 0.013218 | 0.013219 | 0.013219 | 0.032445 | 0.032445 | 0.033050 | 0.033050 | 0.031287 | 0.031287 | 0.030031 | 0.030031 | 0.024076 | 0.024076 | 0.007973 | 0.007973 | -0.000716 | -0.000716 | -0.006762 | -0.006762 | -0.010626 | -0.010626 | -0.009692 | -0.009692 | -0.004204 | -0.004204 | -0.001983 | -0.001983 |
| 0.109683 | 0.029512 | 0.009136 | -0.000025 | -0.000104 | -0.000676 | -0.000676 | -0.008566 | -0.008566 | -0.008446 | -0.008446 | -0.022610 | -0.022610 | -0.022324 | -0.022324 | -0.024996 | -0.024996 | -0.017363 | -0.017363 | -0.006273 | -0.006273 | -0.005981 | -0.005981 | -0.007155 | -0.007155 | -0.003093 | -0.003093 | -0.002230 | -0.002230 | 0.006193 | 0.006193 | 0.003905 | 0.003905 | 0.008424 | 0.008424 | 0.017083 | 0.017083 | 0.026795 | 0.026795 | 0.018244 | 0.018244 | 0.024950 | 0.024950 | 0.027636 | 0.027636 | 0.022933 | 0.022933 | 0.023598 | 0.023598 | 0.010454 | 0.010454 | -0.004632 | -0.004632 | -0.012500 | -0.012500 | -0.006747 | -0.006747 | 0.002304 | 0.002304 | 0.004931 | 0.004931 |
| 0.112368 | 0.029516 | 0.003165 | -0.000225 | -0.013369 | -0.009238 | -0.009238 | -0.009556 | -0.009556 | -0.009267 | -0.009267 | -0.022095 | -0.022095 | -0.018167 | -0.018167 | -0.025958 | -0.025958 | -0.009540 | -0.009540 | 0.006543 | 0.006543 | 0.003364 | 0.003364 | 0.003842 | 0.003842 | 0.008431 | 0.008431 | 0.011572 | 0.011572 | 0.010577 | 0.010577 | 0.017177 | 0.017177 | 0.025315 | 0.025315 | 0.015460 | 0.015460 | 0.017870 | 0.017870 | 0.013643 | 0.013643 | 0.023569 | 0.023569 | 0.019049 | 0.019049 | 0.019890 | 0.019890 | 0.016780 | 0.016780 | 0.013432 | 0.013432 | 0.006790 | 0.006790 | 0.014415 | 0.014415 | -0.000007 | -0.000007 | 0.004197 | 0.004197 | 0.002160 | 0.002160 |
| 0.115054 | 0.02952 | -0.003444 | -0.001273 | -0.002116 | -0.001305 | -0.001305 | -0.009085 | -0.009085 | -0.004292 | -0.004292 | -0.004636 | -0.004636 | -0.014078 | -0.014078 | -0.009866 | -0.009866 | -0.002533 | -0.002533 | 0.012926 | 0.012926 | 0.006951 | 0.006951 | 0.013908 | 0.013908 | 0.015471 | 0.015471 | 0.013376 | 0.013376 | 0.016331 | 0.016331 | 0.013061 | 0.013061 | 0.021402 | 0.021402 | 0.013731 | 0.013731 | 0.011719 | 0.011719 | 0.020033 | 0.020033 | 0.020704 | 0.020704 | 0.016903 | 0.016903 | 0.016664 | 0.016664 | 0.012673 | 0.012673 | 0.012339 | 0.012339 | 0.010444 | 0.010444 | 0.009563 | 0.009563 | 0.006843 | 0.006843 | 0.006276 | 0.006276 | -0.002438 | -0.002438 |
| 0.11595 | 0.031306 | 0.000707 | 0.000749 | 0.001563 | -0.004396 | -0.004396 | -0.011483 | -0.011483 | -0.003560 | -0.003560 | -0.016785 | -0.016785 | -0.012035 | -0.012035 | -0.006480 | -0.006480 | 0.001853 | 0.001853 | 0.012904 | 0.012904 | 0.013577 | 0.013577 | 0.016590 | 0.016590 | 0.019839 | 0.019839 | 0.012737 | 0.012737 | 0.014080 | 0.014080 | 0.010594 | 0.010594 | 0.018634 | 0.018634 | 0.013856 | 0.013856 | 0.011555 | 0.011555 | 0.014767 | 0.014767 | 0.012617 | 0.012617 | 0.012066 | 0.012066 | 0.012015 | 0.012015 | 0.006765 | 0.006765 | 0.008380 | 0.008380 | 0.009408 | 0.009408 | 0.013510 | 0.013510 | 0.010953 | 0.010953 | 0.012671 | 0.012671 | 0.009896 | 0.009896 |
| 0.115942 | 0.033991 | -0.003479 | -0.008032 | -0.001592 | -0.005202 | -0.005202 | -0.001846 | -0.001846 | -0.003978 | -0.003978 | -0.007332 | -0.007332 | -0.006599 | -0.006599 | -0.001582 | -0.001582 | 0.005982 | 0.005982 | 0.009222 | 0.009222 | 0.009352 | 0.009352 | 0.002617 | 0.002617 | 0.003677 | 0.003677 | 0.012026 | 0.012026 | 0.007812 | 0.007812 | 0.002564 | 0.002564 | 0.009251 | 0.009251 | 0.009302 | 0.009302 | 0.002724 | 0.002724 | 0.007741 | 0.007741 | 0.008434 | 0.008434 | -0.001539 | -0.001539 | 0.008330 | 0.008330 | 0.005534 | 0.005534 | 0.001750 | 0.001750 | 0.001561 | 0.001561 | 0.007813 | 0.007813 | 0.005174 | 0.005174 | 0.001796 | 0.001796 | 0.004803 | 0.004803 |
| 0.115934 | 0.036677 | 0.000911 | 0.000903 | 0.004796 | -0.002191 | -0.002191 | 0.004581 | 0.004581 | -0.003729 | -0.003729 | -0.003503 | -0.003503 | -0.002672 | -0.002672 | 0.000885 | 0.000885 | 0.000310 | 0.000310 | 0.005574 | 0.005574 | 0.003319 | 0.003319 | 0.000677 | 0.000677 | 0.000406 | 0.000406 | 0.004397 | 0.004397 | 0.005216 | 0.005216 | 0.001993 | 0.001993 | 0.006043 | 0.006043 | -0.001914 | -0.001914 | -0.001102 | -0.001102 | 0.001765 | 0.001765 | 0.005095 | 0.005095 | -0.009088 | -0.009088 | -0.003972 | -0.003972 | 0.003656 | 0.003656 | 0.003743 | 0.003743 | 0.006824 | 0.006824 | 0.002568 | 0.002568 | 0.003019 | 0.003019 | 0.004306 | 0.004306 | 0.010987 | 0.010987 |
| 0.115927 | 0.039362 | 0.009307 | 0.008097 | 0.014187 | 0.004522 | 0.004522 | 0.003758 | 0.003758 | -0.002909 | -0.002909 | -0.006715 | -0.006715 | -0.005200 | -0.005200 | -0.003554 | -0.003554 | 0.001491 | 0.001491 | 0.002446 | 0.002446 | 0.004630 | 0.004630 | 0.002767 | 0.002767 | 0.013143 | 0.013143 | 0.009655 | 0.009655 | 0.011038 | 0.011038 | 0.009221 | 0.009221 | 0.015543 | 0.015543 | 0.001158 | 0.001158 | 0.004229 | 0.004229 | 0.005469 | 0.005469 | 0.004625 | 0.004625 | 0.008169 | 0.008169 | 0.002558 | 0.002558 | -0.002307 | -0.002307 | -0.004108 | -0.004108 | 0.001252 | 0.001252 | -0.005269 | -0.005269 | 0.000828 | 0.000828 | 0.003180 | 0.003180 | 0.007025 | 0.007025 |
| 0.115919 | 0.042048 | 0.013551 | 0.016268 | 0.022358 | 0.002978 | 0.002978 | -0.000110 | -0.000110 | -0.009381 | -0.009381 | -0.000196 | -0.000196 | -0.005618 | -0.005618 | -0.003902 | -0.003902 | -0.000954 | -0.000954 | 0.002867 | 0.002867 | 0.001839 | 0.001839 | 0.002410 | 0.002410 | 0.006756 | 0.006756 | 0.008714 | 0.008714 | 0.012435 | 0.012435 | 0.013126 | 0.013126 | 0.014169 | 0.014169 | 0.008557 | 0.008557 | 0.005397 | 0.005397 | 0.010207 | 0.010207 | 0.009854 | 0.009854 | 0.011531 | 0.011531 | 0.010694 | 0.010694 | 0.002130 | 0.002130 | 0.000114 | 0.000114 | -0.003024 | -0.003024 | -0.004695 | -0.004695 | -0.002870 | -0.002870 | -0.000431 | -0.000431 | 0.004002 | 0.004002 |
| 0.115911 | 0.044733 | 0.025018 | 0.015822 | 0.005419 | 0.000918 | 0.000918 | -0.004477 | -0.004477 | -0.021244 | -0.021244 | -0.021412 | -0.021412 | -0.017822 | -0.017822 | -0.003164 | -0.003164 | -0.004369 | -0.004369 | 0.007263 | 0.007263 | -0.001201 | -0.001201 | 0.001611 | 0.001611 | 0.001263 | 0.001263 | -0.002999 | -0.002999 | 0.001192 | 0.001192 | 0.000822 | 0.000822 | -0.002573 | -0.002573 | 0.000742 | 0.000742 | 0.002585 | 0.002585 | 0.006750 | 0.006750 | 0.011249 | 0.011249 | 0.011286 | 0.011286 | 0.017283 | 0.017283 | 0.013635 | 0.013635 | 0.004242 | 0.004242 | 0.005650 | 0.005650 | 0.011544 | 0.011544 | 0.005016 | 0.005016 | -0.000206 | -0.000206 | 0.006895 | 0.006895 |
| 0.115904 | 0.047418 | 0.007736 | 0.004348 | 0.000297 | -0.005347 | -0.005347 | -0.017706 | -0.017706 | -0.023551 | -0.023551 | -0.020346 | -0.020346 | -0.023714 | -0.023714 | -0.002300 | -0.002300 | -0.014872 | -0.014872 | -0.006888 | -0.006888 | -0.015958 | -0.015958 | -0.014171 | -0.014171 | -0.014139 | -0.014139 | -0.008747 | -0.008747 | -0.008441 | -0.008441 | -0.012101 | -0.012101 | -0.003192 | -0.003192 | -0.013312 | -0.013312 | -0.007810 | -0.007810 | -0.006420 | -0.006420 | 0.002234 | 0.002234 | 0.000454 | 0.000454 | 0.008161 | 0.008161 | 0.007332 | 0.007332 | 0.013293 | 0.013293 | 0.013474 | 0.013474 | 0.015326 | 0.015326 | 0.021522 | 0.021522 | 0.011347 | 0.011347 | 0.009321 | 0.009321 |
| 0.115896 | 0.050104 | 0.001129 | -0.001123 | -0.006381 | -0.007566 | -0.007566 | -0.022454 | -0.022454 | -0.027634 | -0.027634 | -0.020739 | -0.020739 | -0.024887 | -0.024887 | -0.016737 | -0.016737 | -0.033897 | -0.033897 | -0.034611 | -0.034611 | -0.028565 | -0.028565 | -0.035384 | -0.035384 | -0.026349 | -0.026349 | -0.020184 | -0.020184 | -0.013069 | -0.013069 | -0.019593 | -0.019593 | -0.005723 | -0.005723 | -0.027048 | -0.027048 | -0.022619 | -0.022619 | -0.015955 | -0.015955 | -0.011353 | -0.011353 | -0.003389 | -0.003389 | 0.002033 | 0.002033 | 0.002351 | 0.002351 | 0.009318 | 0.009318 | 0.006333 | 0.006333 | 0.008028 | 0.008028 | 0.010632 | 0.010632 | 0.020977 | 0.020977 | 0.013332 | 0.013332 |
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| 0.093047 | 0.081131 | -0.019151 | -0.018402 | -0.017842 | -0.015038 | -0.015038 | -0.033956 | -0.033956 | -0.047167 | -0.047167 | -0.056964 | -0.056964 | -0.048710 | -0.048710 | -0.034828 | -0.034828 | -0.050710 | -0.050710 | -0.037402 | -0.037402 | -0.044454 | -0.044454 | -0.032690 | -0.032690 | -0.028671 | -0.028671 | -0.025692 | -0.025692 | -0.029385 | -0.029385 | -0.030536 | -0.030536 | -0.024566 | -0.024566 | -0.016761 | -0.016761 | -0.016902 | -0.016902 | -0.009058 | -0.009058 | -0.015194 | -0.015194 | -0.007217 | -0.007217 | -0.005046 | -0.005046 | -0.009436 | -0.009436 | -0.011172 | -0.011172 | -0.012358 | -0.012358 | -0.020964 | -0.020964 | -0.016018 | -0.016018 | -0.012732 | -0.012732 | -0.016820 | -0.016820 |
| 0.090362 | 0.08114 | -0.019756 | -0.016414 | -0.016500 | -0.022715 | -0.022715 | -0.025338 | -0.025338 | -0.038182 | -0.038182 | -0.043292 | -0.043292 | -0.048750 | -0.048750 | -0.030678 | -0.030678 | -0.054403 | -0.054403 | -0.041380 | -0.041380 | -0.050258 | -0.050258 | -0.035247 | -0.035247 | -0.036200 | -0.036200 | -0.025722 | -0.025722 | -0.021185 | -0.021185 | -0.024318 | -0.024318 | -0.017839 | -0.017839 | -0.025045 | -0.025045 | -0.012002 | -0.012002 | -0.008298 | -0.008298 | -0.002008 | -0.002008 | -0.001877 | -0.001877 | -0.001866 | -0.001866 | -0.003060 | -0.003060 | -0.003091 | -0.003091 | -0.010993 | -0.010993 | -0.015788 | -0.015788 | -0.019711 | -0.019711 | -0.015885 | -0.015885 | -0.011447 | -0.011447 |
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| 0.042025 | 0.08131 | -0.018062 | -0.022299 | -0.028645 | -0.020995 | -0.020995 | -0.023889 | -0.023889 | -0.015373 | -0.015373 | -0.010979 | -0.010979 | -0.048081 | -0.048081 | -0.084303 | -0.084303 | -0.042858 | -0.042858 | -0.020398 | -0.020398 | -0.045030 | -0.045030 | -0.011212 | -0.011212 | -0.000880 | -0.000880 | -0.012327 | -0.012327 | -0.009536 | -0.009536 | -0.002462 | -0.002462 | 0.001535 | 0.001535 | 0.000449 | 0.000449 | 0.000395 | 0.000395 | 0.007434 | 0.007434 | 0.012360 | 0.012360 | 0.012623 | 0.012623 | 0.025813 | 0.025813 | 0.028501 | 0.028501 | 0.022433 | 0.022433 | 0.019118 | 0.019118 | 0.010153 | 0.010153 | 0.001921 | 0.001921 | -0.000875 | -0.000875 | 0.003365 | 0.003365 |
| 0.03934 | 0.081319 | -0.003804 | -0.024258 | -0.017103 | -0.039115 | -0.039115 | -0.023295 | -0.023295 | -0.023281 | -0.023281 | -0.007034 | -0.007034 | -0.054014 | -0.054014 | -0.061075 | -0.061075 | -0.038805 | -0.038805 | -0.008612 | -0.008612 | -0.022388 | -0.022388 | -0.024065 | -0.024065 | -0.010768 | -0.010768 | 0.004125 | 0.004125 | 0.003092 | 0.003092 | 0.001644 | 0.001644 | 0.002179 | 0.002179 | 0.008487 | 0.008487 | -0.000869 | -0.000869 | 0.013297 | 0.013297 | 0.015166 | 0.015166 | 0.021399 | 0.021399 | 0.028503 | 0.028503 | 0.025018 | 0.025018 | 0.035750 | 0.035750 | 0.014604 | 0.014604 | 0.009053 | 0.009053 | 0.021346 | 0.021346 | 0.006122 | 0.006122 | 0.010862 | 0.010862 |
| 0.036654 | 0.081329 | -0.000426 | -0.026016 | -0.030024 | -0.034357 | -0.034357 | -0.046153 | -0.046153 | -0.032432 | -0.032432 | -0.040904 | -0.040904 | -0.035918 | -0.035918 | -0.035568 | -0.035568 | -0.016523 | -0.016523 | -0.007164 | -0.007164 | -0.002618 | -0.002618 | 0.002221 | 0.002221 | -0.000550 | -0.000550 | 0.017854 | 0.017854 | 0.014686 | 0.014686 | 0.015384 | 0.015384 | 0.012478 | 0.012478 | 0.007173 | 0.007173 | 0.007391 | 0.007391 | 0.012797 | 0.012797 | 0.018680 | 0.018680 | 0.021794 | 0.021794 | 0.025449 | 0.025449 | 0.026364 | 0.026364 | 0.029677 | 0.029677 | 0.022394 | 0.022394 | 0.012643 | 0.012643 | 0.023191 | 0.023191 | 0.022884 | 0.022884 | 0.010422 | 0.010422 |
| 0.033969 | 0.081338 | -0.010182 | -0.031321 | -0.021337 | -0.024473 | -0.024473 | -0.035860 | -0.035860 | -0.033865 | -0.033865 | -0.039572 | -0.039572 | -0.020395 | -0.020395 | -0.023818 | -0.023818 | -0.036572 | -0.036572 | 0.001558 | 0.001558 | 0.008203 | 0.008203 | 0.010183 | 0.010183 | 0.013600 | 0.013600 | 0.017930 | 0.017930 | 0.022760 | 0.022760 | 0.021783 | 0.021783 | 0.020423 | 0.020423 | 0.009926 | 0.009926 | 0.009245 | 0.009245 | 0.023188 | 0.023188 | 0.026869 | 0.026869 | 0.022088 | 0.022088 | 0.028233 | 0.028233 | 0.037814 | 0.037814 | 0.037808 | 0.037808 | 0.027406 | 0.027406 | 0.028160 | 0.028160 | 0.029605 | 0.029605 | 0.030498 | 0.030498 | 0.022811 | 0.022811 |
| 0.032124 | 0.080501 | -0.019932 | -0.023494 | -0.019841 | -0.018345 | -0.018345 | -0.018297 | -0.018297 | -0.019887 | -0.019887 | -0.022541 | -0.022541 | -0.018282 | -0.018282 | -0.017774 | -0.017774 | -0.009984 | -0.009984 | 0.001320 | 0.001320 | 0.013355 | 0.013355 | 0.021495 | 0.021495 | 0.023576 | 0.023576 | 0.035777 | 0.035777 | 0.025704 | 0.025704 | 0.020062 | 0.020062 | 0.012525 | 0.012525 | 0.012645 | 0.012645 | 0.010836 | 0.010836 | 0.027539 | 0.027539 | 0.030407 | 0.030407 | 0.022004 | 0.022004 | 0.035858 | 0.035858 | 0.040950 | 0.040950 | 0.039854 | 0.039854 | 0.026576 | 0.026576 | 0.034147 | 0.034147 | 0.030783 | 0.030783 | 0.028478 | 0.028478 | 0.014364 | 0.014364 |
| 0.032114 | 0.077815 | -0.003754 | -0.009763 | 0.004998 | 0.008139 | 0.008139 | -0.001568 | -0.001568 | -0.021606 | -0.021606 | -0.014004 | -0.014004 | -0.011079 | -0.011079 | -0.004022 | -0.004022 | -0.001146 | -0.001146 | 0.008986 | 0.008986 | 0.012851 | 0.012851 | 0.017700 | 0.017700 | 0.006115 | 0.006115 | 0.021003 | 0.021003 | 0.015432 | 0.015432 | 0.016157 | 0.016157 | 0.006233 | 0.006233 | 0.010890 | 0.010890 | 0.012067 | 0.012067 | 0.024434 | 0.024434 | 0.016075 | 0.016075 | 0.025475 | 0.025475 | 0.025095 | 0.025095 | 0.035130 | 0.035130 | 0.030940 | 0.030940 | 0.027573 | 0.027573 | 0.026830 | 0.026830 | 0.017651 | 0.017651 | -0.002807 | -0.002807 | 0.004612 | 0.004612 |
| 0.032104 | 0.07513 | 0.024291 | 0.014106 | 0.011310 | 0.012668 | 0.012668 | 0.001282 | 0.001282 | -0.013801 | -0.013801 | -0.009848 | -0.009848 | -0.017186 | -0.017186 | -0.002342 | -0.002342 | -0.002938 | -0.002938 | 0.001519 | 0.001519 | 0.004703 | 0.004703 | 0.006800 | 0.006800 | 0.001421 | 0.001421 | 0.011228 | 0.011228 | 0.010033 | 0.010033 | 0.012788 | 0.012788 | 0.003694 | 0.003694 | 0.005107 | 0.005107 | 0.010926 | 0.010926 | 0.015953 | 0.015953 | 0.021176 | 0.021176 | 0.017201 | 0.017201 | 0.019810 | 0.019810 | 0.028476 | 0.028476 | 0.023223 | 0.023223 | 0.018567 | 0.018567 | 0.008386 | 0.008386 | 0.002247 | 0.002247 | -0.000864 | -0.000864 | 0.003391 | 0.003391 |
| 0.032094 | 0.072445 | 0.029993 | 0.011927 | 0.013651 | 0.006901 | 0.006901 | -0.001187 | -0.001187 | -0.013903 | -0.013903 | -0.014918 | -0.014918 | -0.012105 | -0.012105 | -0.000049 | -0.000049 | -0.005835 | -0.005835 | -0.008937 | -0.008937 | -0.000357 | -0.000357 | 0.001670 | 0.001670 | 0.006898 | 0.006898 | 0.011078 | 0.011078 | 0.010186 | 0.010186 | 0.004266 | 0.004266 | 0.006959 | 0.006959 | -0.001375 | -0.001375 | 0.010357 | 0.010357 | 0.015691 | 0.015691 | 0.025702 | 0.025702 | 0.016770 | 0.016770 | 0.025475 | 0.025475 | 0.020730 | 0.020730 | 0.013863 | 0.013863 | 0.003583 | 0.003583 | -0.005103 | -0.005103 | -0.006830 | -0.006830 | -0.001765 | -0.001765 | -0.009071 | -0.009071 |
| 0.032084 | 0.069759 | 0.021332 | 0.009619 | 0.003415 | 0.007351 | 0.007351 | -0.005093 | -0.005093 | -0.018452 | -0.018452 | -0.015475 | -0.015475 | -0.015408 | -0.015408 | -0.003876 | -0.003876 | -0.008671 | -0.008671 | -0.008619 | -0.008619 | -0.000780 | -0.000780 | -0.002459 | -0.002459 | 0.005634 | 0.005634 | 0.005436 | 0.005436 | 0.000291 | 0.000291 | -0.001913 | -0.001913 | 0.002580 | 0.002580 | 0.009753 | 0.009753 | 0.012076 | 0.012076 | 0.015451 | 0.015451 | 0.019898 | 0.019898 | 0.020901 | 0.020901 | 0.015688 | 0.015688 | 0.005311 | 0.005311 | 0.003095 | 0.003095 | 0.001501 | 0.001501 | -0.004676 | -0.004676 | -0.005040 | -0.005040 | 0.000271 | 0.000271 | -0.018199 | -0.018199 |
| 0.032075 | 0.067074 | 0.022870 | 0.010806 | 0.001522 | 0.000872 | 0.000872 | -0.004923 | -0.004923 | -0.026463 | -0.026463 | -0.014153 | -0.014153 | -0.038509 | -0.038509 | -0.001083 | -0.001083 | -0.009033 | -0.009033 | -0.003161 | -0.003161 | -0.011755 | -0.011755 | -0.003734 | -0.003734 | 0.003395 | 0.003395 | 0.001556 | 0.001556 | -0.003653 | -0.003653 | -0.000690 | -0.000690 | 0.004120 | 0.004120 | 0.011844 | 0.011844 | 0.009818 | 0.009818 | 0.014405 | 0.014405 | 0.017719 | 0.017719 | 0.015867 | 0.015867 | 0.003500 | 0.003500 | -0.000008 | -0.000008 | 0.000776 | 0.000776 | -0.001330 | -0.001330 | -0.008176 | -0.008176 | -0.008482 | -0.008482 | -0.006389 | -0.006389 | -0.015638 | -0.015638 |
| 0.032065 | 0.064388 | 0.008265 | 0.007631 | -0.001110 | -0.006139 | -0.006139 | -0.016148 | -0.016148 | -0.027275 | -0.027275 | -0.021339 | -0.021339 | -0.044302 | -0.044302 | -0.005527 | -0.005527 | -0.013133 | -0.013133 | -0.013690 | -0.013690 | -0.015101 | -0.015101 | -0.004338 | -0.004338 | -0.002831 | -0.002831 | -0.000973 | -0.000973 | -0.000966 | -0.000966 | 0.005469 | 0.005469 | 0.005688 | 0.005688 | 0.008395 | 0.008395 | 0.017539 | 0.017539 | 0.011003 | 0.011003 | 0.005310 | 0.005310 | 0.001633 | 0.001633 | -0.000513 | -0.000513 | 0.000442 | 0.000442 | -0.002698 | -0.002698 | -0.004707 | -0.004707 | -0.011235 | -0.011235 | -0.009836 | -0.009836 | -0.011519 | -0.011519 | -0.015066 | -0.015066 |
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| 0.031985 | 0.042905 | 0.019150 | 0.009857 | 0.006187 | 0.005527 | 0.005527 | -0.009334 | -0.009334 | -0.018100 | -0.018100 | -0.021710 | -0.021710 | -0.020008 | -0.020008 | -0.013187 | -0.013187 | -0.015577 | -0.015577 | 0.000764 | 0.000764 | -0.007371 | -0.007371 | -0.006857 | -0.006857 | -0.003624 | -0.003624 | -0.004683 | -0.004683 | -0.007824 | -0.007824 | -0.009729 | -0.009729 | -0.011235 | -0.011235 | -0.005482 | -0.005482 | -0.006463 | -0.006463 | -0.014345 | -0.014345 | -0.006036 | -0.006036 | -0.005560 | -0.005560 | -0.006331 | -0.006331 | -0.011414 | -0.011414 | -0.006911 | -0.006911 | -0.003331 | -0.003331 | -0.011306 | -0.011306 | -0.011618 | -0.011618 | -0.015620 | -0.015620 | -0.057767 | -0.057767 |
| 0.033467 | 0.041713 | 0.021287 | 0.014747 | 0.008661 | 0.005602 | 0.005602 | -0.007732 | -0.007732 | -0.015529 | -0.015529 | -0.011086 | -0.011086 | -0.015399 | -0.015399 | -0.003985 | -0.003985 | -0.003473 | -0.003473 | 0.001126 | 0.001126 | -0.000606 | -0.000606 | -0.006985 | -0.006985 | -0.006643 | -0.006643 | -0.005388 | -0.005388 | -0.015171 | -0.015171 | -0.010060 | -0.010060 | -0.004095 | -0.004095 | -0.008940 | -0.008940 | -0.004476 | -0.004476 | -0.018506 | -0.018506 | -0.008687 | -0.008687 | -0.003567 | -0.003567 | -0.003463 | -0.003463 | -0.016861 | -0.016861 | -0.009289 | -0.009289 | -0.003099 | -0.003099 | -0.016274 | -0.016274 | -0.033675 | -0.033675 | -0.014863 | -0.014863 | -0.057299 | -0.057299 |
| 0.036153 | 0.041723 | 0.023076 | 0.025743 | 0.004185 | 0.011995 | 0.011995 | 0.003924 | 0.003924 | -0.012355 | -0.012355 | -0.033386 | -0.033386 | -0.016316 | -0.016316 | -0.008151 | -0.008151 | -0.004854 | -0.004854 | -0.000893 | -0.000893 | -0.000197 | -0.000197 | -0.008802 | -0.008802 | -0.017362 | -0.017362 | -0.012871 | -0.012871 | -0.013872 | -0.013872 | -0.011486 | -0.011486 | -0.012785 | -0.012785 | -0.010614 | -0.010614 | -0.007699 | -0.007699 | -0.014269 | -0.014269 | -0.009287 | -0.009287 | -0.003064 | -0.003064 | -0.013498 | -0.013498 | -0.006151 | -0.006151 | -0.009183 | -0.009183 | -0.005853 | -0.005853 | -0.021636 | -0.021636 | -0.031704 | -0.031704 | -0.019624 | -0.019624 | -0.052602 | -0.052602 |
| 0.038838 | 0.041734 | 0.034511 | 0.017231 | 0.001281 | 0.010689 | 0.010689 | -0.002813 | -0.002813 | -0.013229 | -0.013229 | -0.022764 | -0.022764 | -0.018782 | -0.018782 | -0.025297 | -0.025297 | -0.010055 | -0.010055 | -0.002365 | -0.002365 | -0.001365 | -0.001365 | -0.006812 | -0.006812 | -0.010991 | -0.010991 | -0.014376 | -0.014376 | -0.016498 | -0.016498 | -0.018830 | -0.018830 | -0.011314 | -0.011314 | -0.009563 | -0.009563 | -0.010195 | -0.010195 | -0.020632 | -0.020632 | -0.011491 | -0.011491 | -0.007855 | -0.007855 | -0.015123 | -0.015123 | -0.009255 | -0.009255 | -0.004440 | -0.004440 | -0.009576 | -0.009576 | -0.018675 | -0.018675 | -0.023953 | -0.023953 | -0.032506 | -0.032506 | -0.035109 | -0.035109 |
| 0.041523 | 0.041745 | 0.021004 | -0.002689 | -0.008165 | -0.009792 | -0.009792 | -0.003743 | -0.003743 | -0.022093 | -0.022093 | -0.015074 | -0.015074 | -0.023307 | -0.023307 | -0.037485 | -0.037485 | -0.013008 | -0.013008 | -0.002464 | -0.002464 | -0.004039 | -0.004039 | -0.017752 | -0.017752 | -0.015910 | -0.015910 | -0.013506 | -0.013506 | -0.013218 | -0.013218 | -0.013690 | -0.013690 | -0.008689 | -0.008689 | -0.010959 | -0.010959 | -0.012653 | -0.012653 | -0.020433 | -0.020433 | -0.018314 | -0.018314 | -0.017690 | -0.017690 | -0.010003 | -0.010003 | -0.004229 | -0.004229 | -0.000961 | -0.000961 | -0.008627 | -0.008627 | -0.014188 | -0.014188 | -0.022536 | -0.022536 | -0.033575 | -0.033575 | -0.026468 | -0.026468 |
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| 0.052265 | 0.041788 | 0.002105 | 0.001316 | -0.002193 | -0.009307 | -0.009307 | -0.013574 | -0.013574 | -0.022551 | -0.022551 | -0.032946 | -0.032946 | -0.033358 | -0.033358 | -0.023760 | -0.023760 | -0.039822 | -0.039822 | -0.011484 | -0.011484 | -0.009788 | -0.009788 | -0.002158 | -0.002158 | -0.009797 | -0.009797 | 0.003774 | 0.003774 | 0.001096 | 0.001096 | 0.007428 | 0.007428 | -0.014471 | -0.014471 | -0.009929 | -0.009929 | -0.000926 | -0.000926 | -0.014215 | -0.014215 | -0.010062 | -0.010062 | -0.012661 | -0.012661 | -0.010796 | -0.010796 | -0.009235 | -0.009235 | -0.022891 | -0.022891 | -0.024621 | -0.024621 | -0.028816 | -0.028816 | -0.026262 | -0.026262 | -0.026239 | -0.026239 | -0.035384 | -0.035384 |
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| 0.060321 | 0.04182 | 0.002769 | 0.004430 | -0.006764 | -0.000041 | -0.000041 | -0.016194 | -0.016194 | -0.026432 | -0.026432 | -0.030204 | -0.030204 | -0.024382 | -0.024382 | -0.023093 | -0.023093 | -0.028216 | -0.028216 | -0.016206 | -0.016206 | -0.017108 | -0.017108 | -0.003887 | -0.003887 | -0.005720 | -0.005720 | -0.003627 | -0.003627 | 0.002192 | 0.002192 | 0.005404 | 0.005404 | 0.013411 | 0.013411 | -0.004847 | -0.004847 | -0.003712 | -0.003712 | 0.003799 | 0.003799 | -0.001907 | -0.001907 | -0.007818 | -0.007818 | -0.022799 | -0.022799 | -0.027869 | -0.027869 | -0.032157 | -0.032157 | -0.027865 | -0.027865 | -0.030210 | -0.030210 | -0.037637 | -0.037637 | -0.033232 | -0.033232 | -0.031445 | -0.031445 |
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| 0.068377 | 0.041853 | 0.017006 | 0.011218 | 0.010584 | 0.002808 | 0.002808 | -0.001411 | -0.001411 | -0.011180 | -0.011180 | -0.014209 | -0.014209 | -0.019658 | -0.019658 | -0.002541 | -0.002541 | -0.006749 | -0.006749 | 0.006547 | 0.006547 | -0.001914 | -0.001914 | -0.000848 | -0.000848 | -0.000585 | -0.000585 | 0.004717 | 0.004717 | -0.002410 | -0.002410 | -0.006001 | -0.006001 | 0.005135 | 0.005135 | -0.010523 | -0.010523 | 0.000766 | 0.000766 | -0.007092 | -0.007092 | -0.001266 | -0.001266 | -0.013274 | -0.013274 | -0.018260 | -0.018260 | -0.036754 | -0.036754 | -0.018418 | -0.018418 | -0.020936 | -0.020936 | -0.010401 | -0.010401 | -0.020075 | -0.020075 | -0.018459 | -0.018459 | -0.022783 | -0.022783 |
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| 0.081804 | 0.041907 | 0.001206 | -0.000305 | -0.008726 | -0.010884 | -0.010884 | -0.018378 | -0.018378 | -0.031094 | -0.031094 | -0.011347 | -0.011347 | -0.031973 | -0.031973 | -0.028482 | -0.028482 | -0.037876 | -0.037876 | -0.022228 | -0.022228 | -0.032187 | -0.032187 | -0.027290 | -0.027290 | -0.032412 | -0.032412 | -0.025415 | -0.025415 | -0.023385 | -0.023385 | -0.020266 | -0.020266 | -0.022599 | -0.022599 | -0.023756 | -0.023756 | -0.025979 | -0.025979 | -0.008839 | -0.008839 | -0.014483 | -0.014483 | -0.011127 | -0.011127 | -0.007434 | -0.007434 | -0.011728 | -0.011728 | -0.000170 | -0.000170 | -0.004612 | -0.004612 | 0.015432 | 0.015432 | 0.003162 | 0.003162 | -0.005555 | -0.005555 | -0.008060 | -0.008060 |
| 0.084489 | 0.041917 | 0.015725 | 0.000768 | -0.001076 | 0.000178 | 0.000178 | -0.011562 | -0.011562 | -0.025612 | -0.025612 | -0.029057 | -0.029057 | -0.031028 | -0.031028 | -0.030628 | -0.030628 | -0.024858 | -0.024858 | -0.019324 | -0.019324 | -0.041214 | -0.041214 | -0.039141 | -0.039141 | -0.035370 | -0.035370 | -0.021908 | -0.021908 | -0.027880 | -0.027880 | -0.021290 | -0.021290 | -0.017566 | -0.017566 | -0.022539 | -0.022539 | -0.011758 | -0.011758 | -0.012622 | -0.012622 | -0.006213 | -0.006213 | -0.010801 | -0.010801 | -0.015214 | -0.015214 | -0.005200 | -0.005200 | 0.004088 | 0.004088 | 0.004810 | 0.004810 | 0.002585 | 0.002585 | 0.006777 | 0.006777 | -0.009009 | -0.009009 | -0.012849 | -0.012849 |
| 0.087175 | 0.041928 | 0.008519 | 0.000509 | -0.000240 | 0.001363 | 0.001363 | -0.009395 | -0.009395 | -0.026128 | -0.026128 | -0.030949 | -0.030949 | -0.025179 | -0.025179 | -0.025657 | -0.025657 | -0.028178 | -0.028178 | -0.033026 | -0.033026 | -0.040420 | -0.040420 | -0.035535 | -0.035535 | -0.029765 | -0.029765 | -0.026079 | -0.026079 | -0.022315 | -0.022315 | -0.019012 | -0.019012 | -0.017487 | -0.017487 | -0.016475 | -0.016475 | -0.008456 | -0.008456 | -0.008209 | -0.008209 | -0.005526 | -0.005526 | -0.005779 | -0.005779 | -0.002161 | -0.002161 | -0.002976 | -0.002976 | 0.007349 | 0.007349 | 0.008096 | 0.008096 | 0.003270 | 0.003270 | 0.001158 | 0.001158 | -0.020405 | -0.020405 | -0.011540 | -0.011540 |
| 0.08986 | 0.041939 | -0.002354 | 0.005672 | 0.001666 | -0.000219 | -0.000219 | -0.000265 | -0.000265 | -0.022890 | -0.022890 | -0.023120 | -0.023120 | -0.026545 | -0.026545 | -0.025708 | -0.025708 | -0.038180 | -0.038180 | -0.025725 | -0.025725 | -0.027573 | -0.027573 | -0.018967 | -0.018967 | -0.024625 | -0.024625 | -0.027239 | -0.027239 | -0.021480 | -0.021480 | -0.020303 | -0.020303 | -0.008325 | -0.008325 | -0.009217 | -0.009217 | -0.005928 | -0.005928 | -0.003577 | -0.003577 | -0.005366 | -0.005366 | 0.000443 | 0.000443 | 0.004338 | 0.004338 | 0.025241 | 0.025241 | 0.017079 | 0.017079 | 0.022105 | 0.022105 | 0.011008 | 0.011008 | 0.001691 | 0.001691 | -0.008861 | -0.008861 | -0.008200 | -0.008200 |
| 0.092546 | 0.04195 | 0.000320 | 0.001068 | 0.000848 | -0.001513 | -0.001513 | 0.004915 | 0.004915 | -0.019763 | -0.019763 | -0.028654 | -0.028654 | -0.035729 | -0.035729 | -0.008385 | -0.008385 | -0.027096 | -0.027096 | -0.023128 | -0.023128 | -0.015207 | -0.015207 | -0.012230 | -0.012230 | -0.020073 | -0.020073 | -0.021304 | -0.021304 | -0.017639 | -0.017639 | -0.012529 | -0.012529 | -0.004748 | -0.004748 | -0.002585 | -0.002585 | -0.001534 | -0.001534 | 0.000996 | 0.000996 | 0.009662 | 0.009662 | 0.012332 | 0.012332 | 0.024250 | 0.024250 | 0.020069 | 0.020069 | 0.019082 | 0.019082 | 0.020466 | 0.020466 | 0.028745 | 0.028745 | -0.000370 | -0.000370 | 0.000323 | 0.000323 | -0.004414 | -0.004414 |
| 0.095231 | 0.041961 | 0.006133 | -0.003408 | -0.002220 | -0.013079 | -0.013079 | -0.011817 | -0.011817 | -0.021175 | -0.021175 | -0.017944 | -0.017944 | -0.038833 | -0.038833 | -0.017061 | -0.017061 | -0.025237 | -0.025237 | -0.024184 | -0.024184 | -0.015270 | -0.015270 | -0.012214 | -0.012214 | -0.010068 | -0.010068 | -0.005377 | -0.005377 | -0.005990 | -0.005990 | 0.000054 | 0.000054 | 0.005902 | 0.005902 | 0.005452 | 0.005452 | 0.010062 | 0.010062 | 0.009240 | 0.009240 | 0.011982 | 0.011982 | 0.019052 | 0.019052 | 0.033681 | 0.033681 | 0.028595 | 0.028595 | 0.024598 | 0.024598 | 0.028253 | 0.028253 | 0.018080 | 0.018080 | -0.003992 | -0.003992 | -0.003590 | -0.003590 | 0.006560 | 0.006560 |
| 0.097916 | 0.041971 | 0.014000 | -0.002377 | -0.004864 | -0.013522 | -0.013522 | -0.016368 | -0.016368 | -0.027258 | -0.027258 | -0.024540 | -0.024540 | -0.029261 | -0.029261 | -0.014204 | -0.014204 | -0.019900 | -0.019900 | -0.014810 | -0.014810 | -0.010505 | -0.010505 | -0.006697 | -0.006697 | -0.007816 | -0.007816 | -0.011225 | -0.011225 | 0.000025 | 0.000025 | 0.003154 | 0.003154 | 0.010817 | 0.010817 | 0.011211 | 0.011211 | 0.014673 | 0.014673 | 0.017143 | 0.017143 | 0.019613 | 0.019613 | 0.026914 | 0.026914 | 0.034025 | 0.034025 | 0.027866 | 0.027866 | 0.020263 | 0.020263 | 0.031349 | 0.031349 | 0.015060 | 0.015060 | 0.001449 | 0.001449 | -0.003944 | -0.003944 | -0.004876 | -0.004876 |
| 0.100602 | 0.041982 | 0.008350 | -0.001739 | -0.003546 | -0.009436 | -0.009436 | -0.009936 | -0.009936 | -0.022420 | -0.022420 | -0.019596 | -0.019596 | -0.023553 | -0.023553 | -0.008577 | -0.008577 | -0.010878 | -0.010878 | -0.004838 | -0.004838 | -0.005767 | -0.005767 | -0.004922 | -0.004922 | -0.002030 | -0.002030 | -0.001402 | -0.001402 | 0.002804 | 0.002804 | 0.003034 | 0.003034 | 0.013653 | 0.013653 | 0.013743 | 0.013743 | 0.015229 | 0.015229 | 0.018541 | 0.018541 | 0.019331 | 0.019331 | 0.023308 | 0.023308 | 0.036646 | 0.036646 | 0.038115 | 0.038115 | 0.033315 | 0.033315 | 0.038163 | 0.038163 | 0.017327 | 0.017327 | 0.009271 | 0.009271 | -0.016376 | -0.016376 | -0.009384 | -0.009384 |
| 0.103287 | 0.041993 | 0.007417 | 0.001532 | -0.001755 | -0.006810 | -0.006810 | -0.004372 | -0.004372 | -0.019761 | -0.019761 | -0.020540 | -0.020540 | -0.022000 | -0.022000 | -0.005027 | -0.005027 | -0.010733 | -0.010733 | -0.001098 | -0.001098 | -0.004784 | -0.004784 | -0.002543 | -0.002543 | -0.001574 | -0.001574 | -0.001848 | -0.001848 | 0.000444 | 0.000444 | 0.004478 | 0.004478 | 0.011061 | 0.011061 | 0.016520 | 0.016520 | 0.016737 | 0.016737 | 0.019216 | 0.019216 | 0.025125 | 0.025125 | 0.027257 | 0.027257 | 0.031888 | 0.031888 | 0.034182 | 0.034182 | 0.026258 | 0.026258 | 0.035167 | 0.035167 | 0.016534 | 0.016534 | 0.005366 | 0.005366 | -0.006020 | -0.006020 | -0.001151 | -0.001151 |
| 0.105099 | 0.042882 | 0.008908 | 0.001292 | -0.001605 | -0.004023 | -0.004023 | -0.002734 | -0.002734 | -0.017610 | -0.017610 | -0.022372 | -0.022372 | -0.021670 | -0.021670 | -0.003708 | -0.003708 | -0.011174 | -0.011174 | 0.000455 | 0.000455 | -0.003969 | -0.003969 | -0.002546 | -0.002546 | -0.000648 | -0.000648 | -0.001146 | -0.001146 | -0.000003 | -0.000003 | 0.005194 | 0.005194 | 0.010755 | 0.010755 | 0.011492 | 0.011492 | 0.015446 | 0.015446 | 0.018445 | 0.018445 | 0.020597 | 0.020597 | 0.027184 | 0.027184 | 0.024299 | 0.024299 | 0.031524 | 0.031524 | 0.027085 | 0.027085 | 0.030279 | 0.030279 | 0.014004 | 0.014004 | 0.007888 | 0.007888 | -0.002852 | -0.002852 | 0.001010 | 0.001010 |
| 0.105125 | 0.045567 | 0.004478 | -0.006015 | -0.011188 | -0.014537 | -0.014537 | -0.015953 | -0.015953 | -0.033481 | -0.033481 | -0.022968 | -0.022968 | -0.023663 | -0.023663 | -0.010191 | -0.010191 | -0.014861 | -0.014861 | -0.010327 | -0.010327 | -0.003760 | -0.003760 | -0.006901 | -0.006901 | -0.004641 | -0.004641 | -0.003853 | -0.003853 | -0.000623 | -0.000623 | 0.001945 | 0.001945 | 0.004341 | 0.004341 | 0.011542 | 0.011542 | 0.015266 | 0.015266 | 0.014153 | 0.014153 | 0.018242 | 0.018242 | 0.019160 | 0.019160 | 0.023562 | 0.023562 | 0.034170 | 0.034170 | 0.030900 | 0.030900 | 0.034771 | 0.034771 | 0.026306 | 0.026306 | 0.028453 | 0.028453 | 0.011113 | 0.011113 | 0.001457 | 0.001457 |
| 0.105151 | 0.048252 | 0.009129 | -0.013094 | -0.017162 | -0.024019 | -0.024019 | -0.025849 | -0.025849 | -0.030304 | -0.030304 | -0.036560 | -0.036560 | -0.032382 | -0.032382 | -0.025233 | -0.025233 | -0.023366 | -0.023366 | -0.011389 | -0.011389 | -0.002973 | -0.002973 | -0.025257 | -0.025257 | -0.017332 | -0.017332 | -0.008552 | -0.008552 | -0.006464 | -0.006464 | -0.001100 | -0.001100 | -0.000318 | -0.000318 | 0.004885 | 0.004885 | 0.004016 | 0.004016 | 0.007355 | 0.007355 | 0.010551 | 0.010551 | 0.013028 | 0.013028 | 0.019334 | 0.019334 | 0.017689 | 0.017689 | 0.021878 | 0.021878 | 0.021865 | 0.021865 | 0.029505 | 0.029505 | 0.024840 | 0.024840 | 0.052894 | 0.052894 | 0.027332 | 0.027332 |
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| 0.105203 | 0.053623 | -0.000047 | -0.008537 | -0.012691 | -0.017424 | -0.017424 | -0.024612 | -0.024612 | -0.030323 | -0.030323 | -0.034126 | -0.034126 | -0.041593 | -0.041593 | -0.027302 | -0.027302 | -0.026090 | -0.026090 | -0.022258 | -0.022258 | -0.040499 | -0.040499 | -0.030397 | -0.030397 | -0.026434 | -0.026434 | -0.040672 | -0.040672 | -0.046394 | -0.046394 | -0.053241 | -0.053241 | -0.024878 | -0.024878 | -0.013746 | -0.013746 | -0.017226 | -0.017226 | -0.015152 | -0.015152 | -0.012177 | -0.012177 | -0.007925 | -0.007925 | -0.003500 | -0.003500 | 0.004701 | 0.004701 | 0.003904 | 0.003904 | 0.008470 | 0.008470 | 0.009684 | 0.009684 | 0.005083 | 0.005083 | 0.016835 | 0.016835 | 0.023160 | 0.023160 |
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| 0.105383 | 0.07242 | -0.017377 | -0.021692 | -0.021668 | -0.028682 | -0.028682 | -0.039878 | -0.039878 | -0.039997 | -0.039997 | -0.055573 | -0.055573 | -0.034677 | -0.034677 | -0.026614 | -0.026614 | -0.024928 | -0.024928 | -0.022744 | -0.022744 | -0.038475 | -0.038475 | -0.033312 | -0.033312 | -0.021124 | -0.021124 | -0.032836 | -0.032836 | -0.041257 | -0.041257 | -0.020128 | -0.020128 | -0.023336 | -0.023336 | -0.055924 | -0.055924 | -0.036832 | -0.036832 | -0.039249 | -0.039249 | -0.035500 | -0.035500 | -0.032432 | -0.032432 | -0.032758 | -0.032758 | -0.026333 | -0.026333 | -0.013796 | -0.013796 | -0.006722 | -0.006722 | -0.002716 | -0.002716 | 0.008952 | 0.008952 | -0.006405 | -0.006405 | 0.005326 | 0.005326 |
| 0.102816 | 0.072548 | -0.015673 | -0.021940 | -0.023318 | -0.034893 | -0.034893 | -0.038578 | -0.038578 | -0.041731 | -0.041731 | -0.054215 | -0.054215 | -0.046739 | -0.046739 | -0.026603 | -0.026603 | -0.023313 | -0.023313 | -0.024320 | -0.024320 | -0.028600 | -0.028600 | -0.026915 | -0.026915 | -0.032747 | -0.032747 | -0.025957 | -0.025957 | -0.032105 | -0.032105 | -0.022539 | -0.022539 | -0.024268 | -0.024268 | -0.036892 | -0.036892 | -0.033625 | -0.033625 | -0.037903 | -0.037903 | -0.032921 | -0.032921 | -0.030714 | -0.030714 | -0.033631 | -0.033631 | -0.029327 | -0.029327 | -0.013075 | -0.013075 | -0.010820 | -0.010820 | 0.002639 | 0.002639 | 0.001865 | 0.001865 | 0.001065 | 0.001065 | 0.009713 | 0.009713 |
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| 0.097445 | 0.072573 | -0.031135 | -0.022799 | -0.018847 | -0.026504 | -0.026504 | -0.028986 | -0.028986 | -0.039769 | -0.039769 | -0.038434 | -0.038434 | -0.040328 | -0.040328 | -0.028527 | -0.028527 | -0.019555 | -0.019555 | -0.014863 | -0.014863 | -0.013838 | -0.013838 | -0.018336 | -0.018336 | -0.018640 | -0.018640 | -0.024154 | -0.024154 | -0.017124 | -0.017124 | -0.015080 | -0.015080 | -0.008146 | -0.008146 | -0.021233 | -0.021233 | -0.022359 | -0.022359 | -0.010195 | -0.010195 | -0.024824 | -0.024824 | -0.031728 | -0.031728 | -0.027723 | -0.027723 | -0.025795 | -0.025795 | -0.034301 | -0.034301 | -0.017521 | -0.017521 | -0.006502 | -0.006502 | -0.009351 | -0.009351 | -0.001670 | -0.001670 | 0.001761 | 0.001761 |
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| 0.089389 | 0.07261 | 0.000969 | -0.005441 | -0.010933 | -0.027692 | -0.027692 | -0.027909 | -0.027909 | -0.034366 | -0.034366 | -0.029156 | -0.029156 | -0.032384 | -0.032384 | -0.015966 | -0.015966 | -0.016173 | -0.016173 | -0.007016 | -0.007016 | -0.014150 | -0.014150 | -0.010934 | -0.010934 | -0.007591 | -0.007591 | -0.006971 | -0.006971 | -0.002996 | -0.002996 | -0.001166 | -0.001166 | -0.002941 | -0.002941 | 0.003927 | 0.003927 | 0.004315 | 0.004315 | 0.004489 | 0.004489 | -0.001080 | -0.001080 | -0.001017 | -0.001017 | -0.007524 | -0.007524 | -0.010892 | -0.010892 | -0.012886 | -0.012886 | -0.012324 | -0.012324 | -0.015523 | -0.015523 | -0.010456 | -0.010456 | -0.003403 | -0.003403 | -0.001583 | -0.001583 |
| 0.086703 | 0.072622 | 0.004343 | -0.003118 | -0.006479 | -0.017641 | -0.017641 | -0.035042 | -0.035042 | -0.040402 | -0.040402 | -0.035702 | -0.035702 | -0.031799 | -0.031799 | -0.016503 | -0.016503 | -0.015456 | -0.015456 | -0.007023 | -0.007023 | -0.020274 | -0.020274 | -0.005020 | -0.005020 | -0.006106 | -0.006106 | -0.004847 | -0.004847 | -0.000996 | -0.000996 | 0.001088 | 0.001088 | 0.001811 | 0.001811 | 0.002502 | 0.002502 | 0.003132 | 0.003132 | 0.004100 | 0.004100 | 0.002517 | 0.002517 | 0.003130 | 0.003130 | -0.000426 | -0.000426 | -0.001063 | -0.001063 | -0.006580 | -0.006580 | -0.009697 | -0.009697 | -0.007350 | -0.007350 | -0.006417 | -0.006417 | -0.003603 | -0.003603 | -0.000375 | -0.000375 |
| 0.084018 | 0.072634 | 0.011716 | -0.006287 | -0.004872 | -0.012380 | -0.012380 | -0.020954 | -0.020954 | -0.038527 | -0.038527 | -0.025548 | -0.025548 | -0.026733 | -0.026733 | -0.019482 | -0.019482 | -0.012887 | -0.012887 | -0.007900 | -0.007900 | -0.008810 | -0.008810 | -0.003541 | -0.003541 | -0.001629 | -0.001629 | -0.000505 | -0.000505 | 0.002341 | 0.002341 | 0.004194 | 0.004194 | 0.004050 | 0.004050 | 0.003554 | 0.003554 | 0.003405 | 0.003405 | 0.003232 | 0.003232 | 0.004349 | 0.004349 | 0.007532 | 0.007532 | 0.005150 | 0.005150 | 0.008203 | 0.008203 | 0.005974 | 0.005974 | 0.000731 | 0.000731 | 0.005997 | 0.005997 | 0.002314 | 0.002314 | 0.003000 | 0.003000 | 0.004235 | 0.004235 |
| 0.081333 | 0.072647 | -0.009233 | -0.015308 | -0.018639 | -0.022030 | -0.022030 | -0.030059 | -0.030059 | -0.022597 | -0.022597 | -0.024248 | -0.024248 | -0.024767 | -0.024767 | -0.021276 | -0.021276 | -0.014877 | -0.014877 | -0.007797 | -0.007797 | -0.008771 | -0.008771 | -0.002864 | -0.002864 | -0.000610 | -0.000610 | -0.001155 | -0.001155 | 0.001167 | 0.001167 | 0.002211 | 0.002211 | 0.000518 | 0.000518 | 0.001386 | 0.001386 | 0.004068 | 0.004068 | 0.001756 | 0.001756 | 0.003654 | 0.003654 | 0.007367 | 0.007367 | 0.007474 | 0.007474 | 0.014336 | 0.014336 | 0.014097 | 0.014097 | 0.006516 | 0.006516 | 0.008071 | 0.008071 | 0.006409 | 0.006409 | 0.004292 | 0.004292 | 0.006036 | 0.006036 |
| 0.078647 | 0.072659 | 0.034188 | -0.016528 | -0.023352 | -0.033672 | -0.033672 | -0.030033 | -0.030033 | -0.024253 | -0.024253 | -0.018988 | -0.018988 | -0.023573 | -0.023573 | -0.011650 | -0.011650 | -0.017536 | -0.017536 | -0.011028 | -0.011028 | -0.012838 | -0.012838 | -0.006317 | -0.006317 | -0.002307 | -0.002307 | 0.000469 | 0.000469 | 0.000328 | 0.000328 | 0.000271 | 0.000271 | -0.001023 | -0.001023 | 0.001431 | 0.001431 | 0.001485 | 0.001485 | 0.002191 | 0.002191 | 0.002535 | 0.002535 | 0.006774 | 0.006774 | 0.007933 | 0.007933 | 0.006953 | 0.006953 | 0.007904 | 0.007904 | 0.004152 | 0.004152 | 0.004315 | 0.004315 | 0.005366 | 0.005366 | 0.006617 | 0.006617 | 0.007413 | 0.007413 |
| 0.075962 | 0.072672 | -0.002031 | -0.027316 | -0.011742 | -0.030283 | -0.030283 | -0.031868 | -0.031868 | -0.036354 | -0.036354 | -0.023012 | -0.023012 | -0.033365 | -0.033365 | -0.020266 | -0.020266 | -0.022739 | -0.022739 | -0.019503 | -0.019503 | -0.022509 | -0.022509 | -0.014164 | -0.014164 | -0.004445 | -0.004445 | -0.001878 | -0.001878 | 0.001184 | 0.001184 | 0.000387 | 0.000387 | 0.004356 | 0.004356 | 0.003471 | 0.003471 | 0.003855 | 0.003855 | 0.002488 | 0.002488 | 0.002248 | 0.002248 | 0.005092 | 0.005092 | 0.001525 | 0.001525 | -0.000554 | -0.000554 | -0.000013 | -0.000013 | -0.002485 | -0.002485 | -0.002555 | -0.002555 | 0.003179 | 0.003179 | 0.003521 | 0.003521 | 0.004997 | 0.004997 |
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| 0.057164 | 0.072758 | 0.006381 | 0.007341 | -0.002916 | -0.006045 | -0.006045 | -0.014204 | -0.014204 | -0.041311 | -0.041311 | -0.027082 | -0.027082 | -0.041580 | -0.041580 | -0.018619 | -0.018619 | -0.036681 | -0.036681 | -0.028819 | -0.028819 | -0.033351 | -0.033351 | -0.024916 | -0.024916 | -0.033521 | -0.033521 | -0.035678 | -0.035678 | -0.028886 | -0.028886 | -0.023782 | -0.023782 | -0.031059 | -0.031059 | -0.024636 | -0.024636 | -0.025097 | -0.025097 | -0.016578 | -0.016578 | -0.027208 | -0.027208 | -0.035621 | -0.035621 | -0.023869 | -0.023869 | -0.025891 | -0.025891 | -0.015885 | -0.015885 | -0.011557 | -0.011557 | -0.006713 | -0.006713 | 0.004756 | 0.004756 | -0.014396 | -0.014396 | -0.003270 | -0.003270 |
| 0.054479 | 0.07277 | -0.000506 | -0.003017 | -0.004306 | -0.011668 | -0.011668 | -0.019235 | -0.019235 | -0.016990 | -0.016990 | -0.025278 | -0.025278 | -0.040760 | -0.040760 | -0.029742 | -0.029742 | -0.035155 | -0.035155 | -0.043448 | -0.043448 | -0.030775 | -0.030775 | -0.038649 | -0.038649 | -0.032705 | -0.032705 | -0.028591 | -0.028591 | -0.026221 | -0.026221 | -0.021248 | -0.021248 | -0.026180 | -0.026180 | -0.018960 | -0.018960 | -0.027623 | -0.027623 | -0.010867 | -0.010867 | -0.015101 | -0.015101 | -0.032759 | -0.032759 | -0.028625 | -0.028625 | -0.017078 | -0.017078 | -0.009373 | -0.009373 | -0.009761 | -0.009761 | -0.009408 | -0.009408 | 0.000153 | 0.000153 | -0.011657 | -0.011657 | -0.004435 | -0.004435 |
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| 0.049108 | 0.072795 | 0.012490 | -0.010453 | -0.003523 | -0.012679 | -0.012679 | -0.028497 | -0.028497 | -0.008727 | -0.008727 | -0.021813 | -0.021813 | -0.036874 | -0.036874 | -0.034628 | -0.034628 | -0.036872 | -0.036872 | -0.007237 | -0.007237 | -0.023361 | -0.023361 | -0.017644 | -0.017644 | -0.014426 | -0.014426 | -0.020387 | -0.020387 | -0.010681 | -0.010681 | -0.002969 | -0.002969 | -0.000003 | -0.000003 | -0.004068 | -0.004068 | -0.007856 | -0.007856 | -0.004191 | -0.004191 | -0.010159 | -0.010159 | -0.017599 | -0.017599 | -0.011584 | -0.011584 | -0.007823 | -0.007823 | -0.009456 | -0.009456 | -0.016541 | -0.016541 | -0.011655 | -0.011655 | -0.000027 | -0.000027 | -0.008146 | -0.008146 | 0.001147 | 0.001147 |
| 0.046423 | 0.072807 | 0.014232 | 0.002546 | -0.003134 | -0.008356 | -0.008356 | -0.012489 | -0.012489 | -0.007461 | -0.007461 | -0.013924 | -0.013924 | -0.024696 | -0.024696 | -0.024703 | -0.024703 | -0.020493 | -0.020493 | -0.003527 | -0.003527 | -0.014245 | -0.014245 | -0.004404 | -0.004404 | -0.016785 | -0.016785 | -0.011399 | -0.011399 | -0.005367 | -0.005367 | -0.002638 | -0.002638 | 0.008867 | 0.008867 | 0.002341 | 0.002341 | 0.013441 | 0.013441 | 0.005612 | 0.005612 | 0.000351 | 0.000351 | 0.000691 | 0.000691 | -0.009344 | -0.009344 | -0.005972 | -0.005972 | -0.013911 | -0.013911 | -0.010923 | -0.010923 | -0.004590 | -0.004590 | -0.005092 | -0.005092 | -0.006483 | -0.006483 | -0.005173 | -0.005173 |
| 0.043737 | 0.07282 | 0.003005 | -0.002839 | 0.006030 | -0.005531 | -0.005531 | -0.008263 | -0.008263 | -0.013188 | -0.013188 | -0.021248 | -0.021248 | -0.027435 | -0.027435 | -0.029237 | -0.029237 | -0.012646 | -0.012646 | -0.000671 | -0.000671 | -0.000738 | -0.000738 | 0.003375 | 0.003375 | -0.001846 | -0.001846 | 0.000181 | 0.000181 | 0.007161 | 0.007161 | 0.016817 | 0.016817 | 0.006801 | 0.006801 | 0.006121 | 0.006121 | 0.021378 | 0.021378 | 0.022305 | 0.022305 | 0.026206 | 0.026206 | 0.007112 | 0.007112 | 0.002664 | 0.002664 | -0.003906 | -0.003906 | -0.006078 | -0.006078 | -0.008157 | -0.008157 | -0.008643 | -0.008643 | -0.008459 | -0.008459 | -0.009792 | -0.009792 | -0.005005 | -0.005005 |
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| 0.041568 | 0.069674 | 0.002012 | -0.000284 | 0.002901 | 0.000720 | 0.000720 | -0.002455 | -0.002455 | -0.010445 | -0.010445 | -0.025653 | -0.025653 | -0.020520 | -0.020520 | -0.003614 | -0.003614 | 0.000520 | 0.000520 | 0.009637 | 0.009637 | -0.012602 | -0.012602 | 0.009466 | 0.009466 | 0.011676 | 0.011676 | 0.017087 | 0.017087 | 0.015422 | 0.015422 | 0.004476 | 0.004476 | 0.013656 | 0.013656 | 0.015913 | 0.015913 | 0.021092 | 0.021092 | 0.004074 | 0.004074 | 0.004865 | 0.004865 | -0.026739 | -0.026739 | -0.018216 | -0.018216 | -0.024679 | -0.024679 | -0.022051 | -0.022051 | -0.012763 | -0.012763 | -0.010883 | -0.010883 | -0.012719 | -0.012719 | -0.011950 | -0.011950 | -0.019239 | -0.019239 |
| 0.041606 | 0.066988 | -0.001052 | -0.005225 | -0.018211 | -0.014348 | -0.014348 | -0.017422 | -0.017422 | -0.022784 | -0.022784 | -0.025978 | -0.025978 | -0.024514 | -0.024514 | -0.007584 | -0.007584 | -0.016815 | -0.016815 | -0.011701 | -0.011701 | 0.006622 | 0.006622 | 0.000008 | 0.000008 | 0.009614 | 0.009614 | 0.009826 | 0.009826 | 0.003612 | 0.003612 | 0.002531 | 0.002531 | 0.012020 | 0.012020 | 0.000459 | 0.000459 | 0.007596 | 0.007596 | -0.005437 | -0.005437 | -0.009759 | -0.009759 | -0.008556 | -0.008556 | -0.026127 | -0.026127 | -0.020520 | -0.020520 | -0.014394 | -0.014394 | -0.003061 | -0.003061 | -0.012897 | -0.012897 | -0.001834 | -0.001834 | -0.007882 | -0.007882 | -0.014346 | -0.014346 |
| 0.041644 | 0.064303 | -0.012357 | -0.032358 | -0.027453 | -0.025518 | -0.025518 | -0.029225 | -0.029225 | -0.045862 | -0.045862 | -0.023930 | -0.023930 | -0.033374 | -0.033374 | -0.003640 | -0.003640 | -0.033144 | -0.033144 | -0.019441 | -0.019441 | -0.007195 | -0.007195 | -0.007447 | -0.007447 | -0.008708 | -0.008708 | -0.004002 | -0.004002 | 0.000362 | 0.000362 | 0.001441 | 0.001441 | -0.006490 | -0.006490 | -0.013321 | -0.013321 | -0.019791 | -0.019791 | -0.010180 | -0.010180 | -0.008168 | -0.008168 | -0.006273 | -0.006273 | -0.008553 | -0.008553 | -0.003642 | -0.003642 | -0.004743 | -0.004743 | -0.001345 | -0.001345 | -0.014874 | -0.014874 | -0.009531 | -0.009531 | -0.002585 | -0.002585 | -0.011581 | -0.011581 |
| 0.041682 | 0.061618 | 0.006301 | -0.018680 | -0.018104 | -0.028308 | -0.028308 | -0.024292 | -0.024292 | -0.058747 | -0.058747 | -0.034826 | -0.034826 | -0.037266 | -0.037266 | -0.028803 | -0.028803 | -0.035624 | -0.035624 | -0.033415 | -0.033415 | -0.028392 | -0.028392 | -0.018674 | -0.018674 | -0.028789 | -0.028789 | -0.006198 | -0.006198 | -0.004572 | -0.004572 | -0.003328 | -0.003328 | -0.018497 | -0.018497 | -0.015405 | -0.015405 | -0.026062 | -0.026062 | -0.008399 | -0.008399 | -0.002342 | -0.002342 | -0.000858 | -0.000858 | 0.003711 | 0.003711 | -0.004936 | -0.004936 | -0.002909 | -0.002909 | -0.006582 | -0.006582 | -0.021954 | -0.021954 | -0.008438 | -0.008438 | -0.008734 | -0.008734 | -0.013997 | -0.013997 |
| 0.04172 | 0.058933 | 0.011878 | -0.000914 | -0.008638 | -0.016020 | -0.016020 | -0.028359 | -0.028359 | -0.043079 | -0.043079 | -0.035438 | -0.035438 | -0.044940 | -0.044940 | -0.041476 | -0.041476 | -0.042140 | -0.042140 | -0.033804 | -0.033804 | -0.030275 | -0.030275 | -0.017349 | -0.017349 | -0.007255 | -0.007255 | -0.005170 | -0.005170 | -0.008080 | -0.008080 | -0.016538 | -0.016538 | -0.008430 | -0.008430 | -0.015783 | -0.015783 | -0.007723 | -0.007723 | -0.000910 | -0.000910 | 0.004553 | 0.004553 | -0.001531 | -0.001531 | -0.013103 | -0.013103 | -0.010590 | -0.010590 | -0.008048 | -0.008048 | -0.008330 | -0.008330 | -0.014748 | -0.014748 | -0.010119 | -0.010119 | -0.014892 | -0.014892 | -0.014303 | -0.014303 |
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| 0.041796 | 0.053563 | -0.006971 | -0.013216 | -0.017681 | -0.021068 | -0.021068 | -0.025041 | -0.025041 | -0.030191 | -0.030191 | -0.022019 | -0.022019 | -0.030154 | -0.030154 | -0.038147 | -0.038147 | -0.025088 | -0.025088 | -0.019567 | -0.019567 | -0.015377 | -0.015377 | -0.018148 | -0.018148 | -0.011480 | -0.011480 | -0.002353 | -0.002353 | -0.011371 | -0.011371 | 0.000813 | 0.000813 | -0.002367 | -0.002367 | 0.003392 | 0.003392 | -0.000385 | -0.000385 | -0.006594 | -0.006594 | -0.005791 | -0.005791 | -0.011187 | -0.011187 | -0.001014 | -0.001014 | -0.003494 | -0.003494 | -0.009702 | -0.009702 | -0.010398 | -0.010398 | -0.014893 | -0.014893 | -0.015275 | -0.015275 | -0.009975 | -0.009975 | -0.009867 | -0.009867 |
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| 0.056494 | 0.052378 | 0.003842 | -0.004340 | -0.006972 | -0.002670 | -0.002670 | -0.023433 | -0.023433 | -0.016466 | -0.016466 | -0.023944 | -0.023944 | -0.016254 | -0.016254 | -0.008050 | -0.008050 | 0.005193 | 0.005193 | 0.005150 | 0.005150 | 0.005379 | 0.005379 | 0.005399 | 0.005399 | 0.006610 | 0.006610 | 0.005391 | 0.005391 | 0.002373 | 0.002373 | 0.005400 | 0.005400 | 0.005934 | 0.005934 | -0.008297 | -0.008297 | -0.006024 | -0.006024 | -0.002622 | -0.002622 | 0.008249 | 0.008249 | 0.012879 | 0.012879 | 0.016564 | 0.016564 | -0.000979 | -0.000979 | -0.003808 | -0.003808 | -0.013116 | -0.013116 | -0.002423 | -0.002423 | -0.011222 | -0.011222 | -0.029001 | -0.029001 | -0.030011 | -0.030011 |
| 0.059179 | 0.052423 | 0.004135 | 0.007103 | 0.005286 | 0.000999 | 0.000999 | -0.003515 | -0.003515 | -0.001771 | -0.001771 | -0.013018 | -0.013018 | -0.002243 | -0.002243 | 0.000732 | 0.000732 | 0.002011 | 0.002011 | 0.006510 | 0.006510 | 0.002176 | 0.002176 | 0.004675 | 0.004675 | 0.002533 | 0.002533 | 0.001988 | 0.001988 | 0.000009 | 0.000009 | -0.001912 | -0.001912 | -0.013781 | -0.013781 | -0.009744 | -0.009744 | -0.007300 | -0.007300 | 0.000583 | 0.000583 | 0.008233 | 0.008233 | 0.020184 | 0.020184 | 0.001256 | 0.001256 | -0.007364 | -0.007364 | 0.001363 | 0.001363 | -0.010868 | -0.010868 | -0.035502 | -0.035502 | -0.028075 | -0.028075 | -0.036555 | -0.036555 | -0.030765 | -0.030765 |
| 0.061864 | 0.052469 | 0.006222 | 0.020067 | 0.004584 | 0.008133 | 0.008133 | 0.001770 | 0.001770 | -0.005013 | -0.005013 | -0.006817 | -0.006817 | -0.000446 | -0.000446 | 0.001389 | 0.001389 | 0.002669 | 0.002669 | 0.007748 | 0.007748 | 0.002178 | 0.002178 | -0.000838 | -0.000838 | 0.001352 | 0.001352 | 0.002601 | 0.002601 | 0.002219 | 0.002219 | 0.001557 | 0.001557 | -0.002247 | -0.002247 | -0.002102 | -0.002102 | 0.001757 | 0.001757 | 0.002982 | 0.002982 | 0.009592 | 0.009592 | 0.017749 | 0.017749 | 0.000182 | 0.000182 | -0.006123 | -0.006123 | -0.024243 | -0.024243 | -0.025979 | -0.025979 | -0.023485 | -0.023485 | -0.042192 | -0.042192 | -0.047218 | -0.047218 | -0.032562 | -0.032562 |
| 0.064549 | 0.052514 | 0.011632 | 0.031049 | 0.019255 | 0.015856 | 0.015856 | 0.007140 | 0.007140 | 0.001234 | 0.001234 | 0.005144 | 0.005144 | 0.004402 | 0.004402 | -0.003962 | -0.003962 | 0.004773 | 0.004773 | 0.006340 | 0.006340 | -0.000230 | -0.000230 | -0.000547 | -0.000547 | -0.007020 | -0.007020 | -0.004788 | -0.004788 | 0.000456 | 0.000456 | 0.006166 | 0.006166 | -0.004036 | -0.004036 | -0.000057 | -0.000057 | 0.000096 | 0.000096 | 0.002044 | 0.002044 | 0.008753 | 0.008753 | 0.009986 | 0.009986 | 0.004039 | 0.004039 | -0.000881 | -0.000881 | -0.022964 | -0.022964 | -0.028283 | -0.028283 | -0.033233 | -0.033233 | -0.036128 | -0.036128 | -0.024425 | -0.024425 | -0.033364 | -0.033364 |
| 0.067234 | 0.05256 | 0.015884 | 0.028565 | 0.026372 | 0.019939 | 0.019939 | 0.011616 | 0.011616 | 0.005264 | 0.005264 | 0.004760 | 0.004760 | 0.000485 | 0.000485 | -0.003909 | -0.003909 | 0.000763 | 0.000763 | 0.003018 | 0.003018 | -0.007927 | -0.007927 | -0.003582 | -0.003582 | -0.006501 | -0.006501 | -0.003324 | -0.003324 | 0.005828 | 0.005828 | 0.002735 | 0.002735 | 0.000394 | 0.000394 | -0.003091 | -0.003091 | -0.000058 | -0.000058 | 0.001655 | 0.001655 | -0.000058 | -0.000058 | 0.002045 | 0.002045 | 0.000202 | 0.000202 | -0.014742 | -0.014742 | -0.023348 | -0.023348 | -0.034009 | -0.034009 | -0.037450 | -0.037450 | -0.028207 | -0.028207 | -0.021061 | -0.021061 | -0.029907 | -0.029907 |
| 0.069919 | 0.052605 | 0.016233 | 0.023295 | 0.029423 | 0.016463 | 0.016463 | 0.008763 | 0.008763 | 0.001053 | 0.001053 | 0.006696 | 0.006696 | -0.000644 | -0.000644 | -0.013226 | -0.013226 | -0.005723 | -0.005723 | -0.015681 | -0.015681 | -0.016442 | -0.016442 | -0.017995 | -0.017995 | -0.013523 | -0.013523 | -0.017486 | -0.017486 | -0.004702 | -0.004702 | 0.007208 | 0.007208 | 0.001949 | 0.001949 | -0.006273 | -0.006273 | -0.001179 | -0.001179 | 0.002208 | 0.002208 | -0.001809 | -0.001809 | -0.000409 | -0.000409 | -0.012184 | -0.012184 | -0.019081 | -0.019081 | -0.018965 | -0.018965 | -0.025148 | -0.025148 | -0.029245 | -0.029245 | -0.034265 | -0.034265 | -0.022391 | -0.022391 | -0.026201 | -0.026201 |
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| 0.075289 | 0.052696 | 0.013981 | 0.009292 | 0.003489 | -0.000037 | -0.000037 | -0.000317 | -0.000317 | -0.012858 | -0.012858 | -0.011661 | -0.011661 | -0.019108 | -0.019108 | -0.030130 | -0.030130 | -0.024075 | -0.024075 | -0.036634 | -0.036634 | -0.030090 | -0.030090 | -0.034743 | -0.034743 | -0.022127 | -0.022127 | -0.032840 | -0.032840 | -0.029179 | -0.029179 | -0.021342 | -0.021342 | -0.026976 | -0.026976 | -0.015539 | -0.015539 | -0.003684 | -0.003684 | -0.001030 | -0.001030 | 0.005263 | 0.005263 | 0.006189 | 0.006189 | -0.008499 | -0.008499 | -0.011996 | -0.011996 | -0.007428 | -0.007428 | -0.014473 | -0.014473 | -0.018488 | -0.018488 | -0.010955 | -0.010955 | -0.018564 | -0.018564 | -0.005260 | -0.005260 |
| 0.077974 | 0.052741 | -0.003543 | -0.003932 | -0.002194 | -0.007600 | -0.007600 | -0.006058 | -0.006058 | -0.023373 | -0.023373 | -0.017881 | -0.017881 | -0.010627 | -0.010627 | -0.040092 | -0.040092 | -0.033840 | -0.033840 | -0.024340 | -0.024340 | -0.022032 | -0.022032 | -0.024378 | -0.024378 | -0.026503 | -0.026503 | -0.030564 | -0.030564 | -0.031812 | -0.031812 | -0.033120 | -0.033120 | -0.034014 | -0.034014 | -0.021902 | -0.021902 | -0.010398 | -0.010398 | -0.013637 | -0.013637 | -0.006672 | -0.006672 | -0.006562 | -0.006562 | -0.010144 | -0.010144 | -0.010378 | -0.010378 | -0.011171 | -0.011171 | -0.011994 | -0.011994 | -0.018458 | -0.018458 | -0.016065 | -0.016065 | -0.014346 | -0.014346 | -0.005704 | -0.005704 |
| 0.080659 | 0.052786 | -0.005751 | -0.016590 | -0.009769 | -0.012547 | -0.012547 | -0.008526 | -0.008526 | -0.022014 | -0.022014 | -0.038820 | -0.038820 | -0.049433 | -0.049433 | -0.045542 | -0.045542 | -0.028142 | -0.028142 | -0.027217 | -0.027217 | -0.021966 | -0.021966 | -0.028095 | -0.028095 | -0.027596 | -0.027596 | -0.035637 | -0.035637 | -0.030220 | -0.030220 | -0.031189 | -0.031189 | -0.025306 | -0.025306 | -0.022371 | -0.022371 | -0.018287 | -0.018287 | -0.018900 | -0.018900 | -0.016199 | -0.016199 | -0.014794 | -0.014794 | -0.010917 | -0.010917 | -0.014739 | -0.014739 | -0.015540 | -0.015540 | -0.009415 | -0.009415 | -0.012615 | -0.012615 | -0.012160 | -0.012160 | -0.013899 | -0.013899 | -0.018543 | -0.018543 |
| 0.083344 | 0.052832 | -0.007635 | -0.014595 | -0.008199 | -0.012917 | -0.012917 | -0.027941 | -0.027941 | -0.032453 | -0.032453 | -0.033328 | -0.033328 | -0.055340 | -0.055340 | -0.033869 | -0.033869 | -0.029981 | -0.029981 | -0.031200 | -0.031200 | -0.025556 | -0.025556 | -0.029791 | -0.029791 | -0.038878 | -0.038878 | -0.035936 | -0.035936 | -0.028786 | -0.028786 | -0.026057 | -0.026057 | -0.021985 | -0.021985 | -0.022434 | -0.022434 | -0.019522 | -0.019522 | -0.014618 | -0.014618 | -0.019341 | -0.019341 | -0.013987 | -0.013987 | -0.012333 | -0.012333 | -0.014397 | -0.014397 | -0.011823 | -0.011823 | -0.011561 | -0.011561 | -0.010217 | -0.010217 | -0.000878 | -0.000878 | -0.006243 | -0.006243 | -0.006943 | -0.006943 |
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| 0.094365 | 0.061207 | -0.003552 | -0.014539 | -0.014721 | -0.018338 | -0.018338 | -0.036824 | -0.036824 | -0.046042 | -0.046042 | -0.029412 | -0.029412 | -0.049975 | -0.049975 | -0.018400 | -0.018400 | -0.024535 | -0.024535 | -0.023331 | -0.023331 | -0.030019 | -0.030019 | -0.029924 | -0.029924 | -0.020898 | -0.020898 | -0.030645 | -0.030645 | -0.020816 | -0.020816 | -0.002418 | -0.002418 | -0.006388 | -0.006388 | -0.010905 | -0.010905 | -0.006567 | -0.006567 | -0.003005 | -0.003005 | 0.000820 | 0.000820 | 0.002947 | 0.002947 | 0.001017 | 0.001017 | -0.004454 | -0.004454 | -0.000182 | -0.000182 | -0.003306 | -0.003306 | -0.002898 | -0.002898 | -0.006858 | -0.006858 | -0.007379 | -0.007379 | -0.009428 | -0.009428 |
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| 0.083823 | 0.061995 | -0.012957 | -0.015916 | -0.016860 | -0.025898 | -0.025898 | -0.023098 | -0.023098 | -0.027436 | -0.027436 | -0.042558 | -0.042558 | -0.035622 | -0.035622 | -0.037261 | -0.037261 | -0.033526 | -0.033526 | -0.024754 | -0.024754 | -0.025231 | -0.025231 | -0.019701 | -0.019701 | -0.010134 | -0.010134 | -0.007059 | -0.007059 | -0.005476 | -0.005476 | -0.010452 | -0.010452 | -0.000894 | -0.000894 | 0.002477 | 0.002477 | -0.001709 | -0.001709 | 0.005006 | 0.005006 | 0.006114 | 0.006114 | 0.003019 | 0.003019 | 0.002883 | 0.002883 | 0.003955 | 0.003955 | 0.003399 | 0.003399 | 0.001316 | 0.001316 | -0.006135 | -0.006135 | 0.001541 | 0.001541 | 0.003111 | 0.003111 | 0.001735 | 0.001735 |
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| 0.078461 | 0.062308 | -0.006226 | -0.015087 | -0.015479 | -0.030097 | -0.030097 | -0.023822 | -0.023822 | -0.037525 | -0.037525 | -0.028080 | -0.028080 | -0.032425 | -0.032425 | -0.030918 | -0.030918 | -0.023362 | -0.023362 | -0.032554 | -0.032554 | -0.045320 | -0.045320 | -0.032364 | -0.032364 | -0.031496 | -0.031496 | -0.027311 | -0.027311 | -0.025152 | -0.025152 | -0.020004 | -0.020004 | -0.010721 | -0.010721 | -0.004530 | -0.004530 | -0.001879 | -0.001879 | -0.000383 | -0.000383 | -0.005588 | -0.005588 | -0.007408 | -0.007408 | -0.009960 | -0.009960 | -0.010305 | -0.010305 | -0.014580 | -0.014580 | -0.008338 | -0.008338 | -0.016476 | -0.016476 | -0.007869 | -0.007869 | -0.009136 | -0.009136 | -0.010630 | -0.010630 |
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| 0.067738 | 0.062935 | -0.003161 | -0.010085 | -0.010631 | -0.017831 | -0.017831 | -0.012225 | -0.012225 | -0.038696 | -0.038696 | -0.022229 | -0.022229 | -0.020506 | -0.020506 | -0.039603 | -0.039603 | -0.033614 | -0.033614 | -0.035024 | -0.035024 | -0.034974 | -0.034974 | -0.043474 | -0.043474 | -0.030423 | -0.030423 | -0.023991 | -0.023991 | -0.039000 | -0.039000 | -0.028304 | -0.028304 | -0.049153 | -0.049153 | -0.042843 | -0.042843 | -0.046142 | -0.046142 | -0.036737 | -0.036737 | -0.026217 | -0.026217 | -0.001086 | -0.001086 | 0.004856 | 0.004856 | -0.002272 | -0.002272 | 0.001875 | 0.001875 | 0.001654 | 0.001654 | -0.006356 | -0.006356 | -0.018042 | -0.018042 | -0.023088 | -0.023088 | -0.022277 | -0.022277 |
| 0.065057 | 0.063092 | -0.004920 | -0.005726 | -0.014939 | -0.010463 | -0.010463 | -0.004822 | -0.004822 | -0.021203 | -0.021203 | -0.003243 | -0.003243 | -0.021742 | -0.021742 | -0.040477 | -0.040477 | -0.027278 | -0.027278 | -0.034297 | -0.034297 | -0.036507 | -0.036507 | -0.039758 | -0.039758 | -0.027987 | -0.027987 | -0.026233 | -0.026233 | -0.047516 | -0.047516 | -0.027182 | -0.027182 | -0.043550 | -0.043550 | -0.039143 | -0.039143 | -0.043792 | -0.043792 | -0.031958 | -0.031958 | -0.011798 | -0.011798 | -0.002876 | -0.002876 | 0.007024 | 0.007024 | 0.001711 | 0.001711 | 0.006336 | 0.006336 | 0.007226 | 0.007226 | 0.002146 | 0.002146 | -0.016537 | -0.016537 | -0.028060 | -0.028060 | -0.019225 | -0.019225 |
| 0.062376 | 0.063248 | -0.004446 | -0.008279 | -0.016180 | -0.006532 | -0.006532 | -0.002191 | -0.002191 | -0.007809 | -0.007809 | -0.006389 | -0.006389 | -0.009556 | -0.009556 | -0.012556 | -0.012556 | -0.033854 | -0.033854 | -0.029277 | -0.029277 | -0.037892 | -0.037892 | -0.051475 | -0.051475 | -0.041999 | -0.041999 | -0.043778 | -0.043778 | -0.040230 | -0.040230 | -0.027026 | -0.027026 | -0.015074 | -0.015074 | -0.019947 | -0.019947 | -0.016668 | -0.016668 | -0.015203 | -0.015203 | -0.000037 | -0.000037 | -0.000029 | -0.000029 | 0.002122 | 0.002122 | 0.005041 | 0.005041 | 0.004497 | 0.004497 | 0.005808 | 0.005808 | 0.002627 | 0.002627 | -0.006537 | -0.006537 | -0.011366 | -0.011366 | -0.029238 | -0.029238 |
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