# Training Costs by Epoch and Step

|  |  |  |
| --- | --- | --- |
| Epoch | Step | Cost |
| 0 | 0 | 3.6563 |
| 0 | 100 | 2.4501 |
| 0 | 200 | 2.4526 |
| 0 | 300 | 1.9577 |
| 0 | 400 | 2.1706 |
| 0 | 500 | 2.1020 |
| 0 | 600 | 2.1119 |
| 0 | 700 | 1.9167 |
| 1 | 0 | 1.9121 |
| 1 | 100 | 1.7996 |
| 1 | 200 | 1.9303 |
| 1 | 300 | 1.4793 |
| 1 | 400 | 1.7379 |
| 1 | 500 | 1.7213 |
| 1 | 600 | 1.6846 |
| 1 | 700 | 1.5051 |
| 2 | 0 | 1.4913 |
| 2 | 100 | 1.3764 |
| 2 | 200 | 1.6657 |
| 2 | 300 | 1.2216 |
| 2 | 400 | 1.3399 |
| 2 | 500 | 1.3187 |
| 2 | 600 | 1.2632 |
| 2 | 700 | 1.2007 |
| 3 | 0 | 1.1828 |
| 3 | 100 | 1.1422 |
| 3 | 200 | 1.3875 |
| 3 | 300 | 1.0757 |
| 3 | 400 | 1.1467 |
| 3 | 500 | 1.0958 |
| 3 | 600 | 1.0945 |
| 3 | 700 | 1.0641 |
| 4 | 0 | 1.0196 |
| 4 | 100 | 1.0779 |
| 4 | 200 | 1.1379 |
| 4 | 300 | 0.9519 |
| 4 | 400 | 1.0801 |
| 4 | 500 | 0.9935 |
| 4 | 600 | 1.0574 |
| 4 | 700 | 0.9736 |
| 5 | 0 | 0.9620 |
| 5 | 100 | 1.0693 |
| 5 | 200 | 1.0412 |
| 5 | 300 | 0.9038 |
| 5 | 400 | 1.0409 |
| 5 | 500 | 0.9361 |
| 5 | 600 | 1.0392 |
| 5 | 700 | 0.9308 |
| 6 | 0 | 0.9362 |
| 6 | 100 | 1.0568 |
| 6 | 200 | 1.0046 |
| 6 | 300 | 0.8970 |
| 6 | 400 | 1.0171 |
| 6 | 500 | 0.9066 |
| 6 | 600 | 1.0279 |
| 6 | 700 | 0.9160 |
| 7 | 0 | 0.9143 |
| 7 | 100 | 1.0392 |
| 7 | 200 | 0.9876 |
| 7 | 300 | 0.8979 |
| 7 | 400 | 1.0032 |
| 7 | 500 | 0.8856 |
| 7 | 600 | 1.0227 |
| 7 | 700 | 0.9122 |
| 8 | 0 | 0.8992 |
| 8 | 100 | 1.0216 |
| 8 | 200 | 0.9822 |
| 8 | 300 | 0.9039 |
| 8 | 400 | 0.9981 |
| 8 | 500 | 0.8700 |
| 8 | 600 | 1.0147 |
| 8 | 700 | 0.9111 |
| 9 | 0 | 0.8859 |
| 9 | 100 | 1.0047 |
| 9 | 200 | 0.9790 |
| 9 | 300 | 0.8979 |
| 9 | 400 | 0.9907 |
| 9 | 500 | 0.8529 |
| 9 | 600 | 1.0061 |
| 9 | 700 | 0.9166 |
| 10 | 0 | 0.8743 |
| 10 | 100 | 0.9916 |
| 10 | 200 | 0.9760 |
| 10 | 300 | 0.8935 |
| 10 | 400 | 0.9906 |
| 10 | 500 | 0.8439 |
| 10 | 600 | 0.9989 |
| 10 | 700 | 0.9168 |
| 11 | 0 | 0.8649 |
| 11 | 100 | 0.9749 |
| 11 | 200 | 0.9764 |
| 11 | 300 | 0.8897 |
| 11 | 400 | 0.9877 |
| 11 | 500 | 0.8376 |
| 11 | 600 | 0.9923 |
| 11 | 700 | 0.9213 |
| 12 | 0 | 0.8584 |
| 12 | 100 | 0.9676 |
| 12 | 200 | 0.9728 |
| 12 | 300 | 0.8840 |
| 12 | 400 | 0.9909 |
| 12 | 500 | 0.8326 |
| 12 | 600 | 0.9874 |
| 12 | 700 | 0.9269 |
| 13 | 0 | 0.8536 |
| 13 | 100 | 0.9619 |
| 13 | 200 | 0.9734 |
| 13 | 300 | 0.8798 |
| 13 | 400 | 0.9913 |
| 13 | 500 | 0.8301 |
| 13 | 600 | 0.9805 |
| 13 | 700 | 0.9287 |
| 14 | 0 | 0.8473 |
| 14 | 100 | 0.9587 |
| 14 | 200 | 0.9723 |
| 14 | 300 | 0.8760 |
| 14 | 400 | 0.9937 |
| 14 | 500 | 0.8305 |
| 14 | 600 | 0.9770 |
| 14 | 700 | 0.9302 |
| 15 | 0 | 0.8430 |
| 15 | 100 | 0.9540 |
| 15 | 200 | 0.9704 |
| 15 | 300 | 0.8742 |
| 15 | 400 | 0.9989 |
| 15 | 500 | 0.8321 |
| 15 | 600 | 0.9761 |
| 15 | 700 | 0.9325 |
| 16 | 0 | 0.8412 |
| 16 | 100 | 0.9505 |
| 16 | 200 | 0.9648 |
| 16 | 300 | 0.8732 |
| 16 | 400 | 1.0046 |
| 16 | 500 | 0.8303 |
| 16 | 600 | 0.9785 |
| 16 | 700 | 0.9322 |
| 17 | 0 | 0.8432 |
| 17 | 100 | 0.9493 |
| 17 | 200 | 0.9595 |
| 17 | 300 | 0.8752 |
| 17 | 400 | 1.0120 |
| 17 | 500 | 0.8315 |
| 17 | 600 | 0.9780 |
| 17 | 700 | 0.9321 |
| 18 | 0 | 0.8468 |
| 18 | 100 | 0.9478 |
| 18 | 200 | 0.9559 |
| 18 | 300 | 0.8795 |
| 18 | 400 | 1.0170 |
| 18 | 500 | 0.8360 |
| 18 | 600 | 0.9767 |
| 18 | 700 | 0.9339 |
| 19 | 0 | 0.8481 |
| 19 | 100 | 0.9486 |
| 19 | 200 | 0.9527 |
| 19 | 300 | 0.8822 |
| 19 | 400 | 1.0232 |
| 19 | 500 | 0.8398 |
| 19 | 600 | 0.9797 |
| 19 | 700 | 0.9325 |
| 20 | 0 | 0.8491 |
| 20 | 100 | 0.9491 |
| 20 | 200 | 0.9508 |
| 20 | 300 | 0.8828 |
| 20 | 400 | 1.0307 |
| 20 | 500 | 0.8430 |
| 20 | 600 | 0.9790 |
| 20 | 700 | 0.9348 |
| 21 | 0 | 0.8526 |
| 21 | 100 | 0.9481 |
| 21 | 200 | 0.9493 |
| 21 | 300 | 0.8847 |
| 21 | 400 | 1.0369 |
| 21 | 500 | 0.8461 |
| 21 | 600 | 0.9783 |
| 21 | 700 | 0.9321 |
| 22 | 0 | 0.8554 |
| 22 | 100 | 0.9470 |
| 22 | 200 | 0.9462 |
| 22 | 300 | 0.8851 |
| 22 | 400 | 1.0404 |
| 22 | 500 | 0.8502 |
| 22 | 600 | 0.9769 |
| 22 | 700 | 0.9318 |
| 23 | 0 | 0.8581 |
| 23 | 100 | 0.9449 |
| 23 | 200 | 0.9444 |
| 23 | 300 | 0.8861 |
| 23 | 400 | 1.0440 |
| 23 | 500 | 0.8543 |
| 23 | 600 | 0.9756 |
| 23 | 700 | 0.9286 |
| 24 | 0 | 0.8624 |
| 24 | 100 | 0.9445 |
| 24 | 200 | 0.9446 |
| 24 | 300 | 0.8895 |
| 24 | 400 | 1.0457 |
| 24 | 500 | 0.8589 |
| 24 | 600 | 0.9744 |
| 24 | 700 | 0.9292 |
| 25 | 0 | 0.8643 |
| 25 | 100 | 0.9453 |
| 25 | 200 | 0.9451 |
| 25 | 300 | 0.8913 |
| 25 | 400 | 1.0493 |
| 25 | 500 | 0.8625 |
| 25 | 600 | 0.9750 |
| 25 | 700 | 0.9285 |
| 26 | 0 | 0.8680 |
| 26 | 100 | 0.9447 |
| 26 | 200 | 0.9451 |
| 26 | 300 | 0.8912 |
| 26 | 400 | 1.0532 |
| 26 | 500 | 0.8686 |
| 26 | 600 | 0.9749 |
| 26 | 700 | 0.9282 |
| 27 | 0 | 0.8722 |
| 27 | 100 | 0.9391 |
| 27 | 200 | 0.9471 |
| 27 | 300 | 0.8940 |
| 27 | 400 | 1.0572 |
| 27 | 500 | 0.8727 |
| 27 | 600 | 0.9776 |
| 27 | 700 | 0.9267 |
| 28 | 0 | 0.8750 |
| 28 | 100 | 0.9407 |
| 28 | 200 | 0.9482 |
| 28 | 300 | 0.8963 |
| 28 | 400 | 1.0611 |
| 28 | 500 | 0.8774 |
| 28 | 600 | 0.9775 |
| 28 | 700 | 0.9266 |
| 29 | 0 | 0.8783 |
| 29 | 100 | 0.9378 |
| 29 | 200 | 0.9499 |
| 29 | 300 | 0.8976 |
| 29 | 400 | 1.0649 |
| 29 | 500 | 0.8820 |
| 29 | 600 | 0.9782 |
| 29 | 700 | 0.9245 |
| 30 | 0 | 0.8797 |
| 30 | 100 | 0.9388 |
| 30 | 200 | 0.9522 |
| 30 | 300 | 0.8984 |
| 30 | 400 | 1.0679 |
| 30 | 500 | 0.8876 |
| 30 | 600 | 0.9773 |
| 30 | 700 | 0.9243 |
| 31 | 0 | 0.8827 |
| 31 | 100 | 0.9416 |
| 31 | 200 | 0.9539 |
| 31 | 300 | 0.9017 |
| 31 | 400 | 1.0709 |
| 31 | 500 | 0.8922 |
| 31 | 600 | 0.9803 |
| 31 | 700 | 0.9247 |
| 32 | 0 | 0.8846 |
| 32 | 100 | 0.9418 |
| 32 | 200 | 0.9558 |
| 32 | 300 | 0.9038 |
| 32 | 400 | 1.0737 |
| 32 | 500 | 0.8986 |
| 32 | 600 | 0.9819 |
| 32 | 700 | 0.9259 |
| 33 | 0 | 0.8870 |
| 33 | 100 | 0.9417 |
| 33 | 200 | 0.9586 |
| 33 | 300 | 0.9065 |
| 33 | 400 | 1.0787 |
| 33 | 500 | 0.9039 |
| 33 | 600 | 0.9840 |
| 33 | 700 | 0.9259 |
| 34 | 0 | 0.8911 |
| 34 | 100 | 0.9421 |
| 34 | 200 | 0.9589 |
| 34 | 300 | 0.9078 |
| 34 | 400 | 1.0839 |
| 34 | 500 | 0.9098 |
| 34 | 600 | 0.9825 |
| 34 | 700 | 0.9259 |
| 35 | 0 | 0.8921 |
| 35 | 100 | 0.9443 |
| 35 | 200 | 0.9586 |
| 35 | 300 | 0.9088 |
| 35 | 400 | 1.0859 |
| 35 | 500 | 0.9133 |
| 35 | 600 | 0.9835 |
| 35 | 700 | 0.9267 |
| 36 | 0 | 0.8954 |
| 36 | 100 | 0.9440 |
| 36 | 200 | 0.9610 |
| 36 | 300 | 0.9106 |
| 36 | 400 | 1.0867 |
| 36 | 500 | 0.9177 |
| 36 | 600 | 0.9840 |
| 36 | 700 | 0.9262 |
| 37 | 0 | 0.8972 |
| 37 | 100 | 0.9451 |
| 37 | 200 | 0.9619 |
| 37 | 300 | 0.9113 |
| 37 | 400 | 1.0892 |
| 37 | 500 | 0.9199 |
| 37 | 600 | 0.9823 |
| 37 | 700 | 0.9277 |
| 38 | 0 | 0.8999 |
| 38 | 100 | 0.9430 |
| 38 | 200 | 0.9621 |
| 38 | 300 | 0.9112 |
| 38 | 400 | 1.0892 |
| 38 | 500 | 0.9238 |
| 38 | 600 | 0.9837 |
| 38 | 700 | 0.9284 |
| 39 | 0 | 0.9023 |
| 39 | 100 | 0.9440 |
| 39 | 200 | 0.9646 |
| 39 | 300 | 0.9136 |
| 39 | 400 | 1.0879 |
| 39 | 500 | 0.9259 |
| 39 | 600 | 0.9839 |
| 39 | 700 | 0.9292 |
| 40 | 0 | 0.9044 |
| 40 | 100 | 0.9429 |
| 40 | 200 | 0.9664 |
| 40 | 300 | 0.9148 |
| 40 | 400 | 1.0892 |
| 40 | 500 | 0.9292 |
| 40 | 600 | 0.9856 |
| 40 | 700 | 0.9320 |
| 41 | 0 | 0.9081 |
| 41 | 100 | 0.9444 |
| 41 | 200 | 0.9693 |
| 41 | 300 | 0.9168 |
| 41 | 400 | 1.0865 |
| 41 | 500 | 0.9311 |
| 41 | 600 | 0.9875 |
| 41 | 700 | 0.9340 |
| 42 | 0 | 0.9098 |
| 42 | 100 | 0.9435 |
| 42 | 200 | 0.9722 |
| 42 | 300 | 0.9179 |
| 42 | 400 | 1.0880 |
| 42 | 500 | 0.9340 |
| 42 | 600 | 0.9875 |
| 42 | 700 | 0.9359 |
| 43 | 0 | 0.9111 |
| 43 | 100 | 0.9439 |
| 43 | 200 | 0.9751 |
| 43 | 300 | 0.9194 |
| 43 | 400 | 1.0891 |
| 43 | 500 | 0.9375 |
| 43 | 600 | 0.9902 |
| 43 | 700 | 0.9363 |
| 44 | 0 | 0.9139 |
| 44 | 100 | 0.9456 |
| 44 | 200 | 0.9786 |
| 44 | 300 | 0.9220 |
| 44 | 400 | 1.0845 |
| 44 | 500 | 0.9416 |
| 44 | 600 | 0.9883 |
| 44 | 700 | 0.9386 |
| 45 | 0 | 0.9146 |
| 45 | 100 | 0.9437 |
| 45 | 200 | 0.9797 |
| 45 | 300 | 0.9253 |
| 45 | 400 | 1.0884 |
| 45 | 500 | 0.9442 |
| 45 | 600 | 0.9891 |
| 45 | 700 | 0.9396 |
| 46 | 0 | 0.9181 |
| 46 | 100 | 0.9450 |
| 46 | 200 | 0.9830 |
| 46 | 300 | 0.9290 |
| 46 | 400 | 1.0866 |
| 46 | 500 | 0.9501 |
| 46 | 600 | 0.9894 |
| 46 | 700 | 0.9409 |
| 47 | 0 | 0.9206 |
| 47 | 100 | 0.9458 |
| 47 | 200 | 0.9848 |
| 47 | 300 | 0.9303 |
| 47 | 400 | 1.0853 |
| 47 | 500 | 0.9512 |
| 47 | 600 | 0.9920 |
| 47 | 700 | 0.9414 |
| 48 | 0 | 0.9243 |
| 48 | 100 | 0.9468 |
| 48 | 200 | 0.9890 |
| 48 | 300 | 0.9323 |
| 48 | 400 | 1.0863 |
| 48 | 500 | 0.9554 |
| 48 | 600 | 0.9929 |
| 48 | 700 | 0.9465 |
| 49 | 0 | 0.9269 |
| 49 | 100 | 0.9465 |
| 49 | 200 | 0.9903 |
| 49 | 300 | 0.9340 |
| 49 | 400 | 1.0880 |
| 49 | 500 | 0.9609 |
| 49 | 600 | 0.9938 |
| 49 | 700 | 0.9476 |
| 50 | 0 | 0.9294 |
| 50 | 100 | 0.9460 |
| 50 | 200 | 0.9949 |
| 50 | 300 | 0.9368 |
| 50 | 400 | 1.0872 |
| 50 | 500 | 0.9627 |
| 50 | 600 | 0.9951 |
| 50 | 700 | 0.9509 |
| 51 | 0 | 0.9345 |
| 51 | 100 | 0.9461 |
| 51 | 200 | 0.9998 |
| 51 | 300 | 0.9394 |
| 51 | 400 | 1.0906 |
| 51 | 500 | 0.9650 |
| 51 | 600 | 0.9954 |
| 51 | 700 | 0.9523 |
| 52 | 0 | 0.9378 |
| 52 | 100 | 0.9483 |
| 52 | 200 | 1.0018 |
| 52 | 300 | 0.9420 |
| 52 | 400 | 1.0872 |
| 52 | 500 | 0.9696 |
| 52 | 600 | 0.9977 |
| 52 | 700 | 0.9551 |
| 53 | 0 | 0.9423 |
| 53 | 100 | 0.9503 |
| 53 | 200 | 1.0048 |
| 53 | 300 | 0.9422 |
| 53 | 400 | 1.0877 |
| 53 | 500 | 0.9721 |
| 53 | 600 | 0.9989 |
| 53 | 700 | 0.9591 |
| 54 | 0 | 0.9467 |
| 54 | 100 | 0.9519 |
| 54 | 200 | 1.0079 |
| 54 | 300 | 0.9452 |
| 54 | 400 | 1.0871 |
| 54 | 500 | 0.9766 |
| 54 | 600 | 1.0034 |
| 54 | 700 | 0.9608 |
| 55 | 0 | 0.9491 |
| 55 | 100 | 0.9517 |
| 55 | 200 | 1.0116 |
| 55 | 300 | 0.9477 |
| 55 | 400 | 1.0874 |
| 55 | 500 | 0.9791 |
| 55 | 600 | 1.0057 |
| 55 | 700 | 0.9634 |
| 56 | 0 | 0.9538 |
| 56 | 100 | 0.9527 |
| 56 | 200 | 1.0130 |
| 56 | 300 | 0.9486 |
| 56 | 400 | 1.0859 |
| 56 | 500 | 0.9819 |
| 56 | 600 | 1.0064 |
| 56 | 700 | 0.9660 |
| 57 | 0 | 0.9569 |
| 57 | 100 | 0.9537 |
| 57 | 200 | 1.0173 |
| 57 | 300 | 0.9503 |
| 57 | 400 | 1.0880 |
| 57 | 500 | 0.9856 |
| 57 | 600 | 1.0094 |
| 57 | 700 | 0.9666 |
| 58 | 0 | 0.9612 |
| 58 | 100 | 0.9543 |
| 58 | 200 | 1.0186 |
| 58 | 300 | 0.9537 |
| 58 | 400 | 1.0871 |
| 58 | 500 | 0.9892 |
| 58 | 600 | 1.0111 |
| 58 | 700 | 0.9682 |
| 59 | 0 | 0.9614 |
| 59 | 100 | 0.9557 |
| 59 | 200 | 1.0216 |
| 59 | 300 | 0.9565 |
| 59 | 400 | 1.0857 |
| 59 | 500 | 0.9932 |
| 59 | 600 | 1.0129 |
| 59 | 700 | 0.9702 |
| 60 | 0 | 0.9656 |
| 60 | 100 | 0.9562 |
| 60 | 200 | 1.0250 |
| 60 | 300 | 0.9608 |
| 60 | 400 | 1.0882 |
| 60 | 500 | 0.9959 |
| 60 | 600 | 1.0155 |
| 60 | 700 | 0.9721 |
| 61 | 0 | 0.9679 |
| 61 | 100 | 0.9599 |
| 61 | 200 | 1.0263 |
| 61 | 300 | 0.9648 |
| 61 | 400 | 1.0852 |
| 61 | 500 | 0.9994 |
| 61 | 600 | 1.0150 |
| 61 | 700 | 0.9767 |
| 62 | 0 | 0.9726 |
| 62 | 100 | 0.9617 |
| 62 | 200 | 1.0292 |
| 62 | 300 | 0.9681 |
| 62 | 400 | 1.0847 |
| 62 | 500 | 1.0014 |
| 62 | 600 | 1.0194 |
| 62 | 700 | 0.9779 |
| 63 | 0 | 0.9738 |
| 63 | 100 | 0.9624 |
| 63 | 200 | 1.0309 |
| 63 | 300 | 0.9714 |
| 63 | 400 | 1.0854 |
| 63 | 500 | 1.0040 |
| 63 | 600 | 1.0221 |
| 63 | 700 | 0.9816 |
| 64 | 0 | 0.9775 |
| 64 | 100 | 0.9669 |
| 64 | 200 | 1.0313 |
| 64 | 300 | 0.9741 |
| 64 | 400 | 1.0839 |
| 64 | 500 | 1.0080 |
| 64 | 600 | 1.0227 |
| 64 | 700 | 0.9831 |
| 65 | 0 | 0.9787 |
| 65 | 100 | 0.9665 |
| 65 | 200 | 1.0341 |
| 65 | 300 | 0.9772 |
| 65 | 400 | 1.0886 |
| 65 | 500 | 1.0098 |
| 65 | 600 | 1.0253 |
| 65 | 700 | 0.9852 |
| 66 | 0 | 0.9835 |
| 66 | 100 | 0.9683 |
| 66 | 200 | 1.0369 |
| 66 | 300 | 0.9811 |
| 66 | 400 | 1.0892 |
| 66 | 500 | 1.0116 |
| 66 | 600 | 1.0233 |
| 66 | 700 | 0.9868 |
| 67 | 0 | 0.9847 |
| 67 | 100 | 0.9708 |
| 67 | 200 | 1.0384 |
| 67 | 300 | 0.9831 |
| 67 | 400 | 1.0904 |
| 67 | 500 | 1.0162 |
| 67 | 600 | 1.0295 |
| 67 | 700 | 0.9885 |
| 68 | 0 | 0.9901 |
| 68 | 100 | 0.9742 |
| 68 | 200 | 1.0430 |
| 68 | 300 | 0.9876 |
| 68 | 400 | 1.0924 |
| 68 | 500 | 1.0162 |
| 68 | 600 | 1.0285 |
| 68 | 700 | 0.9914 |
| 69 | 0 | 0.9912 |
| 69 | 100 | 0.9759 |
| 69 | 200 | 1.0452 |
| 69 | 300 | 0.9909 |
| 69 | 400 | 1.0918 |
| 69 | 500 | 1.0180 |
| 69 | 600 | 1.0307 |
| 69 | 700 | 0.9938 |
| 70 | 0 | 0.9941 |
| 70 | 100 | 0.9780 |
| 70 | 200 | 1.0457 |
| 70 | 300 | 0.9930 |
| 70 | 400 | 1.0935 |
| 70 | 500 | 1.0232 |
| 70 | 600 | 1.0359 |
| 70 | 700 | 0.9959 |
| 71 | 0 | 0.9970 |
| 71 | 100 | 0.9824 |
| 71 | 200 | 1.0483 |
| 71 | 300 | 0.9968 |
| 71 | 400 | 1.0932 |
| 71 | 500 | 1.0246 |
| 71 | 600 | 1.0339 |
| 71 | 700 | 0.9995 |
| 72 | 0 | 1.0006 |
| 72 | 100 | 0.9827 |
| 72 | 200 | 1.0479 |
| 72 | 300 | 0.9991 |
| 72 | 400 | 1.0946 |
| 72 | 500 | 1.0284 |
| 72 | 600 | 1.0367 |
| 72 | 700 | 1.0010 |
| 73 | 0 | 1.0036 |
| 73 | 100 | 0.9871 |
| 73 | 200 | 1.0536 |
| 73 | 300 | 1.0045 |
| 73 | 400 | 1.0953 |
| 73 | 500 | 1.0297 |
| 73 | 600 | 1.0393 |
| 73 | 700 | 1.0031 |
| 74 | 0 | 1.0065 |
| 74 | 100 | 0.9904 |
| 74 | 200 | 1.0536 |
| 74 | 300 | 1.0077 |
| 74 | 400 | 1.0986 |
| 74 | 500 | 1.0318 |
| 74 | 600 | 1.0422 |
| 74 | 700 | 1.0052 |
| 75 | 0 | 1.0089 |
| 75 | 100 | 0.9898 |
| 75 | 200 | 1.0575 |
| 75 | 300 | 1.0070 |
| 75 | 400 | 1.0996 |
| 75 | 500 | 1.0359 |
| 75 | 600 | 1.0458 |
| 75 | 700 | 1.0080 |
| 76 | 0 | 1.0129 |
| 76 | 100 | 0.9953 |
| 76 | 200 | 1.0595 |
| 76 | 300 | 1.0129 |
| 76 | 400 | 1.1022 |
| 76 | 500 | 1.0381 |
| 76 | 600 | 1.0468 |
| 76 | 700 | 1.0099 |
| 77 | 0 | 1.0150 |
| 77 | 100 | 0.9970 |
| 77 | 200 | 1.0614 |
| 77 | 300 | 1.0176 |
| 77 | 400 | 1.1029 |
| 77 | 500 | 1.0400 |
| 77 | 600 | 1.0481 |
| 77 | 700 | 1.0144 |
| 78 | 0 | 1.0197 |
| 78 | 100 | 0.9999 |
| 78 | 200 | 1.0668 |
| 78 | 300 | 1.0195 |
| 78 | 400 | 1.1057 |
| 78 | 500 | 1.0432 |
| 78 | 600 | 1.0472 |
| 78 | 700 | 1.0153 |
| 79 | 0 | 1.0222 |
| 79 | 100 | 1.0027 |
| 79 | 200 | 1.0695 |
| 79 | 300 | 1.0183 |
| 79 | 400 | 1.1045 |
| 79 | 500 | 1.0459 |
| 79 | 600 | 1.0527 |
| 79 | 700 | 1.0178 |
| 80 | 0 | 1.0246 |
| 80 | 100 | 1.0038 |
| 80 | 200 | 1.0710 |
| 80 | 300 | 1.0213 |
| 80 | 400 | 1.1075 |
| 80 | 500 | 1.0481 |
| 80 | 600 | 1.0540 |
| 80 | 700 | 1.0210 |
| 81 | 0 | 1.0264 |
| 81 | 100 | 1.0081 |
| 81 | 200 | 1.0729 |
| 81 | 300 | 1.0276 |
| 81 | 400 | 1.1084 |
| 81 | 500 | 1.0511 |
| 81 | 600 | 1.0566 |
| 81 | 700 | 1.0230 |
| 82 | 0 | 1.0304 |
| 82 | 100 | 1.0132 |
| 82 | 200 | 1.0749 |
| 82 | 300 | 1.0268 |
| 82 | 400 | 1.1117 |
| 82 | 500 | 1.0541 |
| 82 | 600 | 1.0580 |
| 82 | 700 | 1.0242 |
| 83 | 0 | 1.0325 |
| 83 | 100 | 1.0137 |
| 83 | 200 | 1.0814 |
| 83 | 300 | 1.0320 |
| 83 | 400 | 1.1119 |
| 83 | 500 | 1.0581 |
| 83 | 600 | 1.0589 |
| 83 | 700 | 1.0285 |
| 84 | 0 | 1.0336 |
| 84 | 100 | 1.0187 |
| 84 | 200 | 1.0822 |
| 84 | 300 | 1.0344 |
| 84 | 400 | 1.1160 |
| 84 | 500 | 1.0602 |
| 84 | 600 | 1.0619 |
| 84 | 700 | 1.0299 |
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| 85 | 200 | 1.0858 |
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| 85 | 400 | 1.1176 |
| 85 | 500 | 1.0643 |
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| 85 | 700 | 1.0328 |
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| 86 | 300 | 1.0440 |
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| 86 | 700 | 1.0357 |
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| 87 | 300 | 1.0417 |
| 87 | 400 | 1.1210 |
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| 87 | 700 | 1.0368 |
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| 88 | 700 | 1.0395 |
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| 89 | 200 | 1.0997 |
| 89 | 300 | 1.0505 |
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| 90 | 700 | 1.0442 |
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| 91 | 300 | 1.0551 |
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| 91 | 600 | 1.0808 |
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| 92 | 400 | 1.1273 |
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| 92 | 700 | 1.0489 |
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| 93 | 600 | 1.0843 |
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| 94 | 0 | 1.0649 |
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| 94 | 200 | 1.1096 |
| 94 | 300 | 1.0603 |
| 94 | 400 | 1.1326 |
| 94 | 500 | 1.0886 |
| 94 | 600 | 1.0834 |
| 94 | 700 | 1.0543 |
| 95 | 0 | 1.0666 |
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| 111 | 500 | 1.1416 |
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| 117 | 400 | 1.1965 |
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| 123 | 700 | 1.1304 |
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| 124 | 300 | 1.1296 |
| 124 | 400 | 1.2117 |
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| 124 | 600 | 1.1655 |
| 124 | 700 | 1.1330 |
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| 126 | 600 | 1.1714 |
| 126 | 700 | 1.1423 |
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| 127 | 400 | 1.2159 |
| 127 | 500 | 1.1873 |
| 127 | 600 | 1.1717 |
| 127 | 700 | 1.1429 |
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| 128 | 300 | 1.1367 |
| 128 | 400 | 1.2177 |
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| 130 | 500 | 1.1944 |
| 130 | 600 | 1.1820 |
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| 131 | 100 | 1.1569 |
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| 131 | 300 | 1.1447 |
| 131 | 400 | 1.2268 |
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| 131 | 600 | 1.1815 |
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| 132 | 300 | 1.1469 |
| 132 | 400 | 1.2268 |
| 132 | 500 | 1.1993 |
| 132 | 600 | 1.1892 |
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| 133 | 200 | 1.1987 |
| 133 | 300 | 1.1487 |
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| 134 | 0 | 1.1784 |
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| 134 | 200 | 1.2012 |
| 134 | 300 | 1.1526 |
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| 134 | 700 | 1.1635 |
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| 135 | 100 | 1.1709 |
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| 135 | 600 | 1.1994 |
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| 136 | 300 | 1.1592 |
| 136 | 400 | 1.2346 |
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| 136 | 700 | 1.1692 |
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| 137 | 400 | 1.2322 |
| 137 | 500 | 1.2170 |
| 137 | 600 | 1.2004 |
| 137 | 700 | 1.1712 |
| 138 | 0 | 1.1887 |
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| 138 | 400 | 1.2358 |
| 138 | 500 | 1.2207 |
| 138 | 600 | 1.1994 |
| 138 | 700 | 1.1735 |
| 139 | 0 | 1.1902 |
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| 140 | 600 | 1.2067 |
| 140 | 700 | 1.1805 |
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| 141 | 100 | 1.1852 |
| 141 | 200 | 1.2194 |
| 141 | 300 | 1.1713 |
| 141 | 400 | 1.2405 |
| 141 | 500 | 1.2300 |
| 141 | 600 | 1.2103 |
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| 142 | 200 | 1.2231 |
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| 143 | 100 | 1.1943 |
| 143 | 200 | 1.2238 |
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| 144 | 200 | 1.2261 |
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| 144 | 400 | 1.2457 |
| 144 | 500 | 1.2364 |
| 144 | 600 | 1.2185 |
| 144 | 700 | 1.1917 |
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| 145 | 100 | 1.2001 |
| 145 | 200 | 1.2293 |
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| 145 | 500 | 1.2372 |
| 145 | 600 | 1.2193 |
| 145 | 700 | 1.1959 |
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| 146 | 100 | 1.2065 |
| 146 | 200 | 1.2301 |
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| 146 | 400 | 1.2516 |
| 146 | 500 | 1.2412 |
| 146 | 600 | 1.2253 |
| 146 | 700 | 1.1995 |
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| 147 | 100 | 1.2079 |
| 147 | 200 | 1.2354 |
| 147 | 300 | 1.1898 |
| 147 | 400 | 1.2508 |
| 147 | 500 | 1.2411 |
| 147 | 600 | 1.2209 |
| 147 | 700 | 1.2011 |
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| 148 | 300 | 1.1898 |
| 148 | 400 | 1.2550 |
| 148 | 500 | 1.2467 |
| 148 | 600 | 1.2251 |
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| 170 | 100 | 1.2629 |
| 170 | 200 | 1.2937 |
| 170 | 300 | 1.2490 |
| 170 | 400 | 1.3100 |
| 170 | 500 | 1.3082 |
| 170 | 600 | 1.2869 |
| 170 | 700 | 1.2689 |
| 171 | 0 | 1.2754 |
| 171 | 100 | 1.2666 |
| 171 | 200 | 1.2954 |
| 171 | 300 | 1.2525 |
| 171 | 400 | 1.3130 |
| 171 | 500 | 1.3142 |
| 171 | 600 | 1.2836 |
| 171 | 700 | 1.2716 |
| 172 | 0 | 1.2765 |
| 172 | 100 | 1.2706 |
| 172 | 200 | 1.2986 |
| 172 | 300 | 1.2525 |
| 172 | 400 | 1.3186 |
| 172 | 500 | 1.3164 |
| 172 | 600 | 1.2909 |
| 172 | 700 | 1.2770 |
| 173 | 0 | 1.2786 |
| 173 | 100 | 1.2688 |
| 173 | 200 | 1.3006 |
| 173 | 300 | 1.2552 |
| 173 | 400 | 1.3199 |
| 173 | 500 | 1.3157 |
| 173 | 600 | 1.2887 |
| 173 | 700 | 1.2774 |
| 174 | 0 | 1.2802 |
| 174 | 100 | 1.2709 |
| 174 | 200 | 1.3056 |
| 174 | 300 | 1.2560 |
| 174 | 400 | 1.3208 |
| 174 | 500 | 1.3225 |
| 174 | 600 | 1.2940 |
| 174 | 700 | 1.2837 |
| 175 | 0 | 1.2834 |
| 175 | 100 | 1.2735 |
| 175 | 200 | 1.3043 |
| 175 | 300 | 1.2573 |
| 175 | 400 | 1.3252 |
| 175 | 500 | 1.3228 |
| 175 | 600 | 1.2973 |
| 175 | 700 | 1.2858 |