

accuracy

|    | epoch   | clean_test | noisy_subset | clean_subset        | cleaned_noisy_subset |
|----|---------|------------|--------------|---------------------|----------------------|
| 0  | 500.0   | 0.0676     | 0.00975      | 0.0653              | 0.061                |
| 1  | 1000.0  | 0.1132     | 0.01045      | 0.1105              | 0.10155              |
| 2  | 1500.0  | 0.1573     | 0.0093       | 0.15556666666666666 | 0.14665              |
| 3  | 2000.0  | 0.1953     | 0.01025      | 0.19616666666666666 | 0.185                |
| 4  | 2500.0  | 0.2236     | 0.0098       | 0.22916666666666666 | 0.2104               |
| 5  | 3000.0  | 0.2452     | 0.0099       | 0.2533              | 0.229                |
| 6  | 3500.0  | 0.2702     | 0.00975      | 0.28316666666666667 | 0.25265              |
| 7  | 4000.0  | 0.2992     | 0.0096       | 0.30546666666666666 | 0.27215              |
| 8  | 4500.0  | 0.3169     | 0.00915      | 0.3309              | 0.29525              |
| 9  | 5000.0  | 0.3357     | 0.0088       | 0.34926666666666666 | 0.31235              |
| 10 | 5500.0  | 0.3491     | 0.0102       | 0.37076666666666667 | 0.32215              |
| 11 | 6000.0  | 0.3697     | 0.01005      | 0.39103333333333334 | 0.34385              |
| 12 | 6500.0  | 0.3967     | 0.0085       | 0.4139              | 0.36385              |
| 13 | 7000.0  | 0.4066     | 0.0097       | 0.4329              | 0.38285              |
| 14 | 7500.0  | 0.4201     | 0.0099       | 0.44043333333333334 | 0.3887               |
| 15 | 8000.0  | 0.433      | 0.0092       | 0.46753333333333336 | 0.4088               |
| 16 | 8500.0  | 0.4317     | 0.01065      | 0.46926666666666666 | 0.4062               |
| 17 | 9000.0  | 0.4461     | 0.0112       | 0.48506666666666665 | 0.4147               |
| 18 | 9500.0  | 0.4538     | 0.01125      | 0.4914              | 0.41885              |
| 19 | 10000.0 | 0.4604     | 0.0097       | 0.49713333333333333 | 0.423                |
| 20 | 10500.0 | 0.468      | 0.00975      | 0.51216666666666667 | 0.43435              |
| 21 | 11000.0 | 0.4746     | 0.01005      | 0.51196666666666667 | 0.4346               |
| 22 | 11500.0 | 0.4846     | 0.0105       | 0.52663333333333333 | 0.4426               |
| 23 | 12000.0 | 0.489      | 0.01075      | 0.54013333333333334 | 0.45375              |
| 24 | 12500.0 | 0.4668     | 0.0125       | 0.5131              | 0.43585              |
| 25 | 13000.0 | 0.4916     | 0.0115       | 0.5415              | 0.45335              |
| 26 | 13500.0 | 0.4921     | 0.01125      | 0.54776666666666666 | 0.46225              |
| 27 | 14000.0 | 0.5012     | 0.0118       | 0.54656666666666666 | 0.4597               |
| 28 | 14500.0 | 0.4992     | 0.01195      | 0.55366666666666666 | 0.45935              |
| 29 | 15000.0 | 0.5057     | 0.01115      | 0.56616666666666667 | 0.4712               |
| 30 | 15500.0 | 0.5113     | 0.0123       | 0.5687              | 0.46875              |

|    |         |        |         |                    |         |
|----|---------|--------|---------|--------------------|---------|
| 31 | 16000.0 | 0.5059 | 0.01035 | 0.5545333333333333 | 0.45825 |
| 32 | 16500.0 | 0.5135 | 0.0104  | 0.5747             | 0.4722  |
| 33 | 17000.0 | 0.5082 | 0.01175 | 0.5838666666666666 | 0.4775  |
| 34 | 17500.0 | 0.5139 | 0.0115  | 0.5884333333333334 | 0.47815 |
| 35 | 18000.0 | 0.5129 | 0.0125  | 0.5799             | 0.4736  |
| 36 | 18500.0 | 0.5127 | 0.0116  | 0.5871             | 0.47905 |
| 37 | 19000.0 | 0.5282 | 0.01125 | 0.6028333333333333 | 0.4896  |
| 38 | 19500.0 | 0.5215 | 0.01175 | 0.5971666666666666 | 0.4851  |
| 39 | 20000.0 | 0.5226 | 0.013   | 0.5989             | 0.49075 |
| 40 | 20500.0 | 0.5912 | 0.0134  | 0.6998666666666666 | 0.55925 |
| 41 | 21000.0 | 0.5999 | 0.0157  | 0.7246333333333334 | 0.57065 |
| 42 | 21500.0 | 0.6017 | 0.01755 | 0.7398666666666667 | 0.56985 |
| 43 | 22000.0 | 0.6041 | 0.01675 | 0.7483333333333333 | 0.57375 |
| 44 | 22500.0 | 0.6061 | 0.01955 | 0.7578333333333334 | 0.57275 |
| 45 | 23000.0 | 0.6082 | 0.01975 | 0.7619666666666667 | 0.57355 |
| 46 | 23500.0 | 0.6059 | 0.0215  | 0.7664             | 0.57445 |
| 47 | 24000.0 | 0.6062 | 0.023   | 0.7754             | 0.5713  |
| 48 | 24500.0 | 0.6054 | 0.02295 | 0.7805333333333333 | 0.5701  |
| 49 | 25000.0 | 0.6069 | 0.0249  | 0.7840333333333334 | 0.5702  |
| 50 | 25500.0 | 0.6074 | 0.0269  | 0.7877666666666666 | 0.5708  |
| 51 | 26000.0 | 0.6086 | 0.02655 | 0.7871666666666667 | 0.5742  |
| 52 | 26500.0 | 0.6067 | 0.0269  | 0.7927             | 0.5764  |
| 53 | 27000.0 | 0.6056 | 0.029   | 0.7934666666666667 | 0.57195 |
| 54 | 27500.0 | 0.6078 | 0.02785 | 0.7949666666666667 | 0.5722  |
| 55 | 28000.0 | 0.6072 | 0.0286  | 0.7981             | 0.57215 |
| 56 | 28500.0 | 0.6029 | 0.02975 | 0.7965             | 0.56745 |
| 57 | 29000.0 | 0.6044 | 0.0291  | 0.7961666666666667 | 0.5713  |
| 58 | 29500.0 | 0.6026 | 0.02715 | 0.7944666666666667 | 0.57035 |
| 59 | 30000.0 | 0.6016 | 0.02965 | 0.7962333333333333 | 0.56705 |
| 60 | 30500.0 | 0.614  | 0.03055 | 0.8103333333333333 | 0.57935 |
| 61 | 31000.0 | 0.6163 | 0.03135 | 0.8142666666666667 | 0.58285 |
| 62 | 31500.0 | 0.6163 | 0.0297  | 0.8172333333333334 | 0.58275 |
| 63 | 32000.0 | 0.6163 | 0.0316  | 0.8186666666666667 | 0.58335 |
| 64 | 32500.0 | 0.6182 | 0.03125 | 0.8197             | 0.585   |

|    |         |        |         |                    |         |
|----|---------|--------|---------|--------------------|---------|
| 65 | 33000.0 | 0.6154 | 0.0316  | 0.8175333333333333 | 0.59015 |
| 66 | 33500.0 | 0.6172 | 0.0317  | 0.8210333333333333 | 0.58415 |
| 67 | 34000.0 | 0.6174 | 0.0306  | 0.8214             | 0.5889  |
| 68 | 34500.0 | 0.6163 | 0.03115 | 0.8194             | 0.58865 |
| 69 | 35000.0 | 0.6171 | 0.03105 | 0.8189             | 0.5824  |
| 70 | 35500.0 | 0.6191 | 0.0315  | 0.8199             | 0.5865  |
| 71 | 36000.0 | 0.6194 | 0.03105 | 0.8190333333333333 | 0.5861  |
| 72 | 36500.0 | 0.6192 | 0.0311  | 0.8216333333333333 | 0.5865  |
| 73 | 37000.0 | 0.6193 | 0.0317  | 0.8205666666666667 | 0.5885  |
| 74 | 37500.0 | 0.6186 | 0.0313  | 0.8220333333333333 | 0.5886  |
| 75 | 38000.0 | 0.616  | 0.0319  | 0.8200333333333333 | 0.58455 |
| 76 | 38500.0 | 0.6162 | 0.0324  | 0.8201666666666667 | 0.59015 |
| 77 | 39000.0 | 0.6155 | 0.03145 | 0.8165333333333333 | 0.58805 |

loss

|    | epoch  | clean_test         | noisy_subset       | clean_subset       | cleaned_noisy_subset |
|----|--------|--------------------|--------------------|--------------------|----------------------|
| 0  | 500.0  | 4.185425114631653  | 4.793727144410338  | 4.202454065872451  | 4.217939425118362    |
| 1  | 1000.0 | 3.924353814125061  | 4.843532797656482  | 3.9463161351317066 | 3.9765423732467844   |
| 2  | 1500.0 | 3.661993479728699  | 4.91472506824928   | 3.688086295531968  | 3.7377399794663053   |
| 3  | 2000.0 | 3.488263213634491  | 4.929775974418543  | 3.5260382183527543 | 3.5870274290253845   |
| 4  | 2500.0 | 3.3466752231121064 | 4.972244214408005  | 3.3574027065503396 | 3.450429297700713    |
| 5  | 3000.0 | 3.2046173989772795 | 4.99874276149122   | 3.230653997194969  | 3.335833305045019    |
| 6  | 3500.0 | 3.0987943410873413 | 4.999600519107867  | 3.118345012099056  | 3.242711876012102    |
| 7  | 4000.0 | 3.0124541521072388 | 5.029373036155218  | 3.0109140549675892 | 3.1529640638375582   |
| 8  | 4500.0 | 2.8869104027748107 | 5.022293193430841  | 2.8853022809756004 | 3.041055522387541    |
| 9  | 5000.0 | 2.8094793558120728 | 5.052539505536044  | 2.795053952831333  | 2.9644990027705327   |
| 10 | 5500.0 | 2.746549528837204  | 5.063452853432184  | 2.7214875140432584 | 2.9068225456189505   |
| 11 | 6000.0 | 2.6625126957893372 | 5.0579849134517625 | 2.6391735481003584 | 2.832202313821527    |
| 12 | 6500.0 | 2.555202454328537  | 5.0695705051663555 | 2.5316534628302363 | 2.7446526545512526   |
| 13 | 7000.0 | 2.485819846391678  | 5.105344633512859  | 2.443526098283671  | 2.6623801038235047   |
| 14 | 7500.0 | 2.436003530025482  | 5.110678195953369  | 2.3972375978857783 | 2.6316680606407457   |
| 15 | 8000.0 | 2.380540078878403  | 5.104899889306177  | 2.3131426027265647 | 2.572172095503988    |
| 16 | 8500.0 | 2.3026586747169494 | 5.08384370803833   | 2.30628589048224   | 2.5880034814907025   |

|    |         |                    |                    |                    |                     |
|----|---------|--------------------|--------------------|--------------------|---------------------|
| 16 | 8500.0  | 2.3328388747183434 | 5.09384378883833   | 2.38828388384824   | 2.38888384814387823 |
| 17 | 9000.0  | 2.331752347946167  | 5.093610974806774  | 2.252581163988275  | 2.530947030345096   |
| 18 | 9500.0  | 2.3279592752456666 | 5.118837519537045  | 2.1919604206489303 | 2.48763303817073    |
| 19 | 10000.0 | 2.2614515483379365 | 5.1463409134104285 | 2.154799828084849  | 2.4638201647166964  |
| 20 | 10500.0 | 2.208469122648239  | 5.183816620066196  | 2.0860662298687433 | 2.4192573360249967  |
| 21 | 11000.0 | 2.2227681517601012 | 5.183840425708626  | 2.0830237835140553 | 2.409606505043899   |
| 22 | 11500.0 | 2.1796266704797747 | 5.175713623626323  | 2.0284101468021585 | 2.372787095323394   |
| 23 | 12000.0 | 2.1627720445394516 | 5.171977707102329  | 1.982273747355251  | 2.353279741504524   |
| 24 | 12500.0 | 2.234442415833473  | 5.221217101133322  | 2.0480683152958497 | 2.4015398206590097  |
| 25 | 13000.0 | 2.1040745258331297 | 5.2413130772264696 | 1.9304100759958818 | 2.3182463042343717  |
| 26 | 13500.0 | 2.1011290937662124 | 5.195291175117975  | 1.923772361318944  | 2.301004458077346   |
| 27 | 14000.0 | 2.0639865577220915 | 5.277044078971766  | 1.8857054912437827 | 2.28747528414183    |
| 28 | 14500.0 | 2.0712945014238358 | 5.269828742063498  | 1.8748366903450528 | 2.2812509204767926  |
| 29 | 15000.0 | 2.0651444464921953 | 5.275883215892164  | 1.8266197483418352 | 2.2479756300962426  |
| 30 | 15500.0 | 2.0119916051626205 | 5.325314877908441  | 1.791654006909516  | 2.238761569880232   |
| 31 | 16000.0 | 2.0716404944658278 | 5.323175653626647  | 1.8598996936264685 | 2.2863608251644085  |
| 32 | 16500.0 | 2.0098271280527116 | 5.379311434830291  | 1.752988781969426  | 2.2131851805916316  |
| 33 | 17000.0 | 2.008986833691597  | 5.429302795023858  | 1.7008653990292952 | 2.182343641413918   |
| 34 | 17500.0 | 1.9997436642646789 | 5.423435060283806  | 1.6857985631894257 | 2.168497820443745   |
| 35 | 18000.0 | 2.011057060956955  | 5.5082823173909246 | 1.7126071139917536 | 2.1986597534976426  |
| 36 | 18500.0 | 2.022419047355652  | 5.48114205613921   | 1.6836786320654011 | 2.1832787447337862  |
| 37 | 19000.0 | 1.946743682026863  | 5.54665276370471   | 1.6137617482977398 | 2.1233445662486403  |
| 38 | 19500.0 | 1.9676580637693406 | 5.6288860176183    | 1.6164149247993858 | 2.1423683543748493  |
| 39 | 20000.0 | 1.9603416591882705 | 5.667747636384602  | 1.607822587934591  | 2.1182024222386033  |
| 40 | 20500.0 | 1.655128213763237  | 5.69257994543148   | 1.183408908924814  | 1.8061174184461184  |
| 41 | 21000.0 | 1.638799896836281  | 5.662426568284819  | 1.1058157328831948 | 1.7929631531993044  |
| 42 | 21500.0 | 1.6208841234445572 | 5.662431288369095  | 1.0404283990294247 | 1.782855204389065   |
| 43 | 22000.0 | 1.6282492458820343 | 5.666904564145245  | 0.9986511534553463 | 1.789095327823977   |
| 44 | 22500.0 | 1.637309342622757  | 5.740943643111217  | 0.9708919868630878 | 1.8036244881304004  |
| 45 | 23000.0 | 1.640900206565857  | 5.710100753397882  | 0.9450826377181684 | 1.807873031761073   |
| 46 | 23500.0 | 1.6516313254833221 | 5.772206976443907  | 0.9148390565888357 | 1.811070108715492   |
| 47 | 24000.0 | 1.6609686702489852 | 5.8504410091834735 | 0.8794598382408336 | 1.8370702327052248  |
| 48 | 24500.0 | 1.666669526696205  | 5.918631698511824  | 0.8681800309884347 | 1.8526716232299805  |
| 49 | 25000.0 | 1.694713094830513  | 5.940905715845808  | 0.8565625518055285 | 1.8749919118760507  |

|    |         |                    |                    |                    |                    |
|----|---------|--------------------|--------------------|--------------------|--------------------|
| 50 | 25500.0 | 1.7206839144229888 | 6.0284342645089835 | 0.8450559711052199 | 1.8905422461183765 |
| 51 | 26000.0 | 1.7252980142831802 | 6.04858131650128   | 0.8347785190000372 | 1.8958696760708773 |
| 52 | 26500.0 | 1.7548442274332046 | 6.185087246230886  | 0.8233630147020695 | 1.9144579096685481 |
| 53 | 27000.0 | 1.7714494854211806 | 6.194753182085255  | 0.8297185564445237 | 1.9529695827749711 |
| 54 | 27500.0 | 1.7791346043348313 | 6.329719428774677  | 0.8301940989696374 | 1.9777865274043023 |
| 55 | 28000.0 | 1.8050030916929245 | 6.460500934455968  | 0.8238739156621998 | 2.0122752068917964 |
| 56 | 28500.0 | 1.8519706189632417 | 6.526807084868226  | 0.8359885933035511 | 2.0343092287643048 |
| 57 | 29000.0 | 1.85857974588871   | 6.6356504114368295 | 0.8499183659836397 | 2.0676433074323435 |
| 58 | 29500.0 | 1.8935337394475937 | 6.678122767919226  | 0.8667741033990505 | 2.0847817674467835 |
| 59 | 30000.0 | 1.9014117479324342 | 6.877076571500754  | 0.8744034327692904 | 2.1218129864221886 |
| 60 | 30500.0 | 1.8602785527706147 | 6.838785750956475  | 0.8156071214352624 | 2.0897012632104417 |
| 61 | 31000.0 | 1.852920836210251  | 6.833966484552698  | 0.8041373862553451 | 2.083848829510846  |
| 62 | 31500.0 | 1.8553855001926423 | 6.900697852991804  | 0.7971724610207445 | 2.0990503468090975 |
| 63 | 32000.0 | 1.8633418709039689 | 6.941810861418519  | 0.7899253863399311 | 2.0889030740230896 |
| 64 | 32500.0 | 1.8657887309789658 | 6.976591484456122  | 0.7903968555442358 | 2.0956098309046105 |
| 65 | 33000.0 | 1.8813822478055955 | 7.059301611743396  | 0.7989128421423799 | 2.1069258164755906 |
| 66 | 33500.0 | 1.874772846698761  | 7.0684302607669105 | 0.7966279922905615 | 2.1215265536610084 |
| 67 | 34000.0 | 1.8801781773567199 | 7.1342414300653    | 0.7919877613500014 | 2.125495227077339  |
| 68 | 34500.0 | 1.8965251803398133 | 7.167447078077099  | 0.8092817237316552 | 2.135805732087244  |
| 69 | 35000.0 | 1.89109525680542   | 7.27013673058039   | 0.809119430891538  | 2.169293130500407  |
| 70 | 35500.0 | 1.900344145298004  | 7.27675746966012   | 0.8192245263164326 | 2.1743278880662555 |
| 71 | 36000.0 | 1.9207402348518372 | 7.3563924861859675 | 0.8261755692251658 | 2.1835493196414997 |
| 72 | 36500.0 | 1.9210338741540909 | 7.387083934832223  | 0.8281965806322583 | 2.1921026344540753 |
| 73 | 37000.0 | 1.9345672965049743 | 7.451357280151753  | 0.8337058601743084 | 2.2156488201286217 |
| 74 | 37500.0 | 1.9470146209001542 | 7.4809003540232215 | 0.8290608161586827 | 2.229753332802012  |
| 75 | 38000.0 | 1.9598478615283965 | 7.5782438169551805 | 0.8534329331527322 | 2.2673595826837083 |
| 76 | 38500.0 | 1.9646589428186416 | 7.605186450330517  | 0.855950574248524  | 2.2462812103802645 |
| 77 | 39000.0 | 1.9807804018259048 | 7.674007295053216  | 0.8649799717684924 | 2.2785546764542786 |

normalised\_entropy

|   | epoch  | clean_test         | noisy_subset       | clean_subset       | cleaned_noisy_subset |
|---|--------|--------------------|--------------------|--------------------|----------------------|
| 0 | 500.0  | 0.9461757183074951 | 0.9558407022476196 | 0.9554371391296387 | 0.955899022102356    |
| 1 | 1000.0 | 0.9220321548461914 | 0.935404727268219  | 0.9344958685557048 | 0.9351749256134033   |

|    |         |                    |                    |                    |                    |
|----|---------|--------------------|--------------------|--------------------|--------------------|
| 2  | 1500.0  | 0.8952899815559388 | 0.9110991856575013 | 0.9093956330617269 | 0.910768607711792  |
| 3  | 2000.0  | 0.87826796875      | 0.9002038433074951 | 0.8974730232238769 | 0.9000660642623901 |
| 4  | 2500.0  | 0.8535680628776551 | 0.8781328616142273 | 0.8738719847361247 | 0.8780677394866944 |
| 5  | 3000.0  | 0.8256130100250244 | 0.8623704696655273 | 0.8564880696614583 | 0.8624177059173584 |
| 6  | 3500.0  | 0.8218647979736328 | 0.8557737390518189 | 0.8488396072387695 | 0.8558009429931641 |
| 7  | 4000.0  | 0.8058681599617005 | 0.8385752723693848 | 0.8294916549682617 | 0.8394218376159668 |
| 8  | 4500.0  | 0.7937301897048951 | 0.8312097640991211 | 0.8203523303985596 | 0.8312262993812561 |
| 9  | 5000.0  | 0.7809739653587341 | 0.816840163230896  | 0.8055142232259115 | 0.8177288073539734 |
| 10 | 5500.0  | 0.7715844062805176 | 0.8084717049598694 | 0.796056948598226  | 0.8086285823822021 |
| 11 | 6000.0  | 0.7612845367431641 | 0.805517746925354  | 0.7894954208374023 | 0.8048929798126221 |
| 12 | 6500.0  | 0.7460409308433533 | 0.7899761109352111 | 0.7731200946807861 | 0.7894758060455322 |
| 13 | 7000.0  | 0.7275145257949829 | 0.7775729250907898 | 0.7581228856404623 | 0.7780922132492065 |
| 14 | 7500.0  | 0.7240295684814453 | 0.7675154712677001 | 0.7455651620229086 | 0.7675700594902038 |
| 15 | 8000.0  | 0.709227972316742  | 0.762776819229126  | 0.7361866357167561 | 0.7620137271881103 |
| 16 | 8500.0  | 0.7107492109298706 | 0.7618743743896484 | 0.7339973341623942 | 0.7621320528030395 |
| 17 | 9000.0  | 0.7055690769195556 | 0.7541161170959473 | 0.725830473836263  | 0.7540450705528259 |
| 18 | 9500.0  | 0.6985361275672912 | 0.740407511138916  | 0.708874422454834  | 0.7400020193099975 |
| 19 | 10000.0 | 0.6742171358108521 | 0.7275288695335388 | 0.6943674984614054 | 0.7280692414283753 |
| 20 | 10500.0 | 0.6545172563552857 | 0.7090738981246948 | 0.6721427410125732 | 0.7096154944419861 |
| 21 | 11000.0 | 0.6566378582954406 | 0.7091637964248657 | 0.675665073521932  | 0.7103587432861328 |
| 22 | 11500.0 | 0.655476067829132  | 0.7047036720275879 | 0.6650797158559163 | 0.7036277261734009 |
| 23 | 12000.0 | 0.6480209146499634 | 0.6994581191062927 | 0.6561065427780152 | 0.699056526184082  |
| 24 | 12500.0 | 0.6357807563781739 | 0.68711050491333   | 0.6508814411163331 | 0.6875443917274475 |
| 25 | 13000.0 | 0.6165981128692627 | 0.6754283862113952 | 0.6290820925394695 | 0.6742048862457275 |
| 26 | 13500.0 | 0.618521635723114  | 0.6806256587028503 | 0.6373455714543661 | 0.6796065952301026 |
| 27 | 14000.0 | 0.597083395576477  | 0.6574408359527588 | 0.6098414273579915 | 0.659481265258789  |
| 28 | 14500.0 | 0.5876030926704406 | 0.6538729328155518 | 0.6062059465408325 | 0.6543767519950867 |
| 29 | 15000.0 | 0.6004863443374634 | 0.6499080642700196 | 0.5979310040156046 | 0.651787661743164  |
| 30 | 15500.0 | 0.5613306878089904 | 0.6297740473747253 | 0.5743089805603028 | 0.6298653188705444 |
| 31 | 16000.0 | 0.5732426830291748 | 0.6335077812194824 | 0.5812835014343262 | 0.6340610288619996 |
| 32 | 16500.0 | 0.5501331653594971 | 0.612246507358551  | 0.5563722675323486 | 0.610972647857666  |
| 33 | 17000.0 | 0.524993671131134  | 0.5909199485778809 | 0.5312540550231933 | 0.5912402445793152 |
| 34 | 17500.0 | 0.531112146949768  | 0.58721708984375   | 0.5274274644215902 | 0.5890927825927734 |
| 35 | 18000.0 | 0.5082228008270264 | 0.5602005280028254 | 0.5120600481660108 | 0.5707157180260202 |

|    |         |  |   |  |                    |
|----|---------|--|---|--|--------------------|
| 35 | 18000.0 | 0.5082228008270204   | 0.5093993389938334  | 0.5139000481069108                     | 0.5707157169369202 |
| 36 | 18500.0 | 0.5231390512466431   | 0.57126366853714  | 0.5118161340077718                     | 0.5703899326324463 |
| 37 | 19000.0 | 0.486018967628479  | 0.5510665545463562  | 0.4860814151763916                     | 0.5496696310043335 |
| 38 | 19500.0 | 0.471008699464797950.5280130863189697  | 0.4675533087412516  | 0.5291969117164612                     |                    |
| 39 | 20000.0 | 0.474858940505981430.5221752456665039  | 0.4589984668731689  | 0.5202379954338073                     |                    |
| 40 | 20500.0 | 0.415562091159820570.466171877288818370.3732543840408325                     | 0.46514002885818484                                       |  |                    |
| 41 | 21000.0 | 0.4020242043018341   | 0.4547611228942871  | 0.351640853754679350.45635814943313596 |                    |
| 42 | 21500.0 | 0.391993313884735130.4443322827339172  | 0.3315945037841797  | 0.4446929980278015                     |                    |
| 43 | 22000.0 | 0.3810776986598968   | 0.434160666370391860.315065308761596660.433003382396698   |  |                    |
| 44 | 22500.0 | 0.358171141242980940.411313471317291230.2912913202285767                     | 0.41002977476119995                                       |  |                    |
| 45 | 23000.0 | 0.359016373443603540.410601896095275860.2840746649424235                     | 0.4077349287509918  |  |                    |
| 46 | 23500.0 | 0.338404181814193740.3939188388824463  | 0.264542189407348640.39152836256027224                    |  |                    |
| 47 | 24000.0 | 0.326205002975463840.3729000473022461  | 0.2472032039642334  | 0.3742386565208435                     |                    |
| 48 | 24500.0 | 0.3088278277158737   | 0.357385214614868160.230579063351949050.3573757648468018  |  |                    |
| 49 | 25000.0 | 0.302084342813491840.349324683856964140.2220086059252421                     | 0.34849511818885803                                       |  |                    |
| 50 | 25500.0 | 0.288484402060508740.3298095845222473  | 0.20827147509257  | 0.32934781365394594                    |                    |
| 51 | 26000.0 | 0.2844036069393158   | 0.3240988968849182  | 0.200802866554260250.32456010246276856 |                    |
| 52 | 26500.0 | 0.265334881258010860.302108694601058940.183821879657109580.3027434193611145  |   |  |                    |
| 53 | 27000.0 | 0.265633790922164940.2963005844116211  | 0.179621633052825940.2938723019599915                     |  |                    |
| 54 | 27500.0 | 0.251227946424484260.2788987180709839  | 0.168610615666707350.2782533041000366                     |  |                    |
| 55 | 28000.0 | 0.236770259976387040.261596449279785150.154831336402893070.26120891194343565 |   |  |                    |
| 56 | 28500.0 | 0.234531109142303460.2548886952400208  | 0.155169149764378870.2582034878730774                     |  |                    |
| 57 | 29000.0 | 0.226326092195510860.24089443359375  | 0.1445686733563741  | 0.2423345754623413                     |                    |
| 58 | 29500.0 | 0.223077980637550350.237005892658233630.141622663752237950.23720029435157775 |   |  |                    |
| 59 | 30000.0 | 0.209174661421775820.2184039654493332  | 0.131549800920486460.22104540479183196                    |  |                    |
| 60 | 30500.0 | 0.203747893285751350.213893156147003160.120954863166809080.21336888833045958 |   |  |                    |
| 61 | 31000.0 | 0.203448356246948240.2097316445350647  | 0.118463531510035190.2100666821718216                     |  |                    |
| 62 | 31500.0 | 0.1982180279970169   | 0.2031521457672119  | 0.112330206155776980.20405637822151185 |                    |
| 63 | 32000.0 | 0.192647669720649730.1980330041885376  | 0.108530040756861370.1980042661190033                     |  |                    |
| 64 | 32500.0 | 0.190126254487037650.194217041087150570.106350531911849970.19404712131023408 |   |  |                    |
| 65 | 33000.0 | 0.186992077732086180.187370156240463270.103553838618596390.1854155665397644  |   |  |                    |
| 66 | 33500.0 | 0.1855361592769623   | 0.185708520174026480.101333558130264280.18627514491081237 |  |                    |
| 67 | 34000.0 | 0.1834401002883911   | 0.181436693239212050.098297700246175120.18057480540275575 |  |                    |
| 68 | 34500.0 | 0.180819072902202620.179269253826141370.0965640355904897                     | 0.17766331207752228                                       |  |                    |

|    |         |  |
|----|---------|--|
| 69 | 35000.0 | 0.178054491603374470.170717973423004150.0947304392973582 0.17261851603984832 |
| 70 | 35500.0 | 0.175627133488655080.172089923453331 0.092028289802869160.16938607084751128  |
| 71 | 36000.0 | 0.171557725250720970.164911921501159660.089471587204933170.16581857299804686 |
| 72 | 36500.0 | 0.170340373516082780.162895095467567450.088779876232147210.16352013914585115 |
| 73 | 37000.0 | 0.1678097151517868 0.1575642763376236 0.087049300734202070.15753934531211852 |
| 74 | 37500.0 | 0.166295884382724770.157138076472282420.084181312870979310.15590547642707825 |
| 75 | 38000.0 | 0.162143090403079980.151750234317779540.081451961946487430.1500983882188797  |
| 76 | 38500.0 | 0.161758052611351 0.1485605788946152 0.081410510977109270.14973564009666443  |
| 77 | 39000.0 | 0.158869140076637270.145036413645744320.080743339022000630.14531372561454772 |

max\_p

|    | epoch   | clean_test   | noisy_subset | clean_subset | cleaned_noisy_subset |
|----|---------|--|--------------|--------------|----------------------|
| 0  | 500.0   | 0.046581420791149140.041171206080913540.041469510698318480.04109866049289703 |              |              |                      |
| 1  | 1000.0  | 0.072392122459411620.060359045213460920.061324238705635070.06075642682313919 |              |              |                      |
| 2  | 1500.0  | 0.090881762313842780.0782959422826767 0.079833281437555960.07864566700458527 |              |              |                      |
| 3  | 2000.0  | 0.109310125327110290.090662740612030030.093310305309295650.09069145117998123 |              |              |                      |
| 4  | 2500.0  | 0.135508843135833750.114602244925498960.118796306578318270.11447857151031494 |              |              |                      |
| 5  | 3000.0  | 0.160353787422180180.130088760089874270.1360614731311798 0.1302098149061203  |              |              |                      |
| 6  | 3500.0  | 0.163868269109725960.134359927308559420.141439224179585770.1344477454185486  |              |              |                      |
| 7  | 4000.0  | 0.182120097565650950.153499037122726440.162303076076507570.15207015314102174 |              |              |                      |
| 8  | 4500.0  | 0.198620175051689140.164902646756172170.176074063205719 0.16527210438251497  |              |              |                      |
| 9  | 5000.0  | 0.216332168841362 0.183470966362953180.195071596844991040.18246552720069886  |              |              |                      |
| 10 | 5500.0  | 0.2239555133342743 0.1901258340358734 0.203043968327840160.1898664270877838  |              |              |                      |
| 11 | 6000.0  | 0.2354118273973465 0.1947689754009247 0.211167714277903230.19544637887477875 |              |              |                      |
| 12 | 6500.0  | 0.255796513366699230.215630410480499270.232793488566080730.21576654932498932 |              |              |                      |
| 13 | 7000.0  | 0.271202022027969340.2258615936756134 0.245657904879252130.22499304835796355 |              |              |                      |
| 14 | 7500.0  | 0.277278376865387 0.237573797178268430.260026525243123360.23715694632530213  |              |              |                      |
| 15 | 8000.0  | 0.2972160314559937 0.245525622892379750.273621875762939450.24625374522209167 |              |              |                      |
| 16 | 8500.0  | 0.2993176208496094 0.250675847673416160.2797948513031006 0.2500965903282166  |              |              |                      |
| 17 | 9000.0  | 0.305543873691558830.2572450823545456 0.287741009585062660.2574985518693924  |              |              |                      |
| 18 | 9500.0  | 0.314962377262115460.272694823265075660.305070818678538 0.273228937292099    |              |              |                      |
| 19 | 10000.0 | 0.3353909583091736 0.2837345923423767 0.3181272605895996 0.28327645959854125 |              |              |                      |
| 20 | 10500.0 | 0.359321266412735 0.3052796678304672 0.343291304206848170.3051918412208557   |              |              |                      |



|    |         |  |   |  |
|----|---------|--|---|--|
| 21 | 11000.0 | 0.3533316308021545   | 0.3024425185203552  | 0.336820764096577960.30119096312522886 |
| 22 | 11500.0 | 0.3605271945476532   | 0.3104404365539551  | 0.3518988302866618 0.3112395368099213  |
| 23 | 12000.0 | 0.369044347476959240.318400902938842770.362843064689636230.319099810218811   |   |  |
| 24 | 12500.0 | 0.3774174078941345   | 0.327207681512832640.3636616064707438                     | 0.32724391770362854                    |
| 25 | 13000.0 | 0.396897214841842650.337886179971694960.385905069096883160.33878202691078185 |   |  |
| 26 | 13500.0 | 0.3962401594161987   | 0.3369198663234711  | 0.380733092371622730.33772722806930544 |
| 27 | 14000.0 | 0.4170532066345215   | 0.3569818927764893  | 0.4057770604451497 0.3552750413894653  |
| 28 | 14500.0 | 0.426936709308624260.364526042699813870.4122834266662598                     | 0.36337508087158205                                       |  |
| 29 | 15000.0 | 0.41832583360672   | 0.368917471504211450.421856845601399740.367151623916626   |  |
| 30 | 15500.0 | 0.4525434462547302   | 0.385940399074554460.442467094357808450.3854495909690857  |  |
| 31 | 16000.0 | 0.4441124091148376   | 0.3843161596298218  | 0.4370049884796143 0.3838441711425781  |
| 32 | 16500.0 | 0.465107144975662250.403639595317840550.4602775885899862                     | 0.4054220935821533  |  |
| 33 | 17000.0 | 0.4886122447967529   | 0.426074601125717160.486062966219584170.42548589968681333 |  |
| 34 | 17500.0 | 0.4858666090965271   | 0.431168370008468640.4921340223948161                     | 0.4295994838237762                     |
| 35 | 18000.0 | 0.5041683701515198   | 0.445922082996368430.5014149425506592                     | 0.4436118757247925                     |
| 36 | 18500.0 | 0.4966229203224182   | 0.4472471121788025  | 0.5078886007944743 0.4491242965221405  |
| 37 | 19000.0 | 0.528351649093628  | 0.4671811064720154  | 0.53140911916097 0.4682806203842163    |
| 38 | 19500.0 | 0.5403249271392823   | 0.4854334406375885  | 0.5460433687845866 0.4838650625705719  |
| 39 | 20000.0 | 0.5395130453109741   | 0.4925461566925049  | 0.5551672008514404 0.4950159683227539  |
| 40 | 20500.0 | 0.6002234552383423   | 0.5534484720230103  | 0.6448737251281739 0.554311253452301   |
| 41 | 21000.0 | 0.6165200796127319   | 0.5678743444442749  | 0.6692560529073079 0.565968770313263   |
| 42 | 21500.0 | 0.6258160069465637   | 0.5789210794448852  | 0.688876921081543 0.5783760385513306   |
| 43 | 22000.0 | 0.6358190372467041   | 0.5880193215370179  | 0.7037013370513916 0.5890278369903564  |
| 44 | 22500.0 | 0.6569912635803222   | 0.6082715907096863  | 0.7256177729288737 0.6095442960739136  |
| 45 | 23000.0 | 0.6567934242248535   | 0.6107987043380737  | 0.7337883265177408 0.6136618287086487  |
| 46 | 23500.0 | 0.6752462850570679   | 0.6251001271247864  | 0.7517045375823974 0.6280368627548217  |
| 47 | 24000.0 | 0.6850137477874756   | 0.6439848938941956  | 0.7661161782582601 0.6434850152015686  |
| 48 | 24500.0 | 0.6997327802658081   | 0.65760419921875  | 0.7811389882405599 0.6576119853973389  |
| 49 | 25000.0 | 0.7061574626922608   | 0.6646857357025147  | 0.7891162110646566 0.665568193435669   |
| 50 | 25500.0 | 0.7179720985412598   | 0.6826244764328003  | 0.8009448829650879 0.6837474303245544  |
| 51 | 26000.0 | 0.7223190698623657   | 0.6898030746459961  | 0.8083263792673747 0.6890644995689392  |
| 52 | 26500.0 | 0.7376916257858276   | 0.7086326976776123  | 0.8225794392903646 0.7071805971145629  |
| 53 | 27000.0 | 0.7388076166152954   | 0.7138172059059144  | 0.8273237154642741 0.716770360660553   |

|    |         |                    |                    |                    |                    |
|----|---------|--------------------|--------------------|--------------------|--------------------|
| 54 | 27500.0 | 0.7517687396049499 | 0.7285575378417969 | 0.835770128885905  | 0.7293064357757568 |
| 55 | 28000.0 | 0.7626165399551391 | 0.7436267864227295 | 0.8480789586385091 | 0.7440890739440918 |
| 56 | 28500.0 | 0.7650635852813721 | 0.7510366024017334 | 0.8475034859975179 | 0.7473416793823242 |
| 57 | 29000.0 | 0.773456478023529  | 0.7640802525520325 | 0.8574435462951661 | 0.762736767578125  |
| 58 | 29500.0 | 0.776020781803131  | 0.7675979722976685 | 0.8603943833669027 | 0.7667133033752441 |
| 59 | 30000.0 | 0.7863198734283448 | 0.7825938652038574 | 0.8675410077412923 | 0.7804013904571533 |
| 60 | 30500.0 | 0.7929676683425904 | 0.7879717987060547 | 0.8798520062764486 | 0.7891959554672241 |
| 61 | 31000.0 | 0.7946606504440308 | 0.7938092166900634 | 0.8832610371907552 | 0.7932881285667419 |
| 62 | 31500.0 | 0.7994148628234863 | 0.7997736898422241 | 0.8890981447855631 | 0.798332936668396  |
| 63 | 32000.0 | 0.8041485378265381 | 0.8031911489486694 | 0.8916081670125325 | 0.803444746208191  |
| 64 | 32500.0 | 0.8060980600357056 | 0.8072414855003357 | 0.8940131802876791 | 0.8064475238800048 |
| 65 | 33000.0 | 0.8074975690841675 | 0.8128643261909485 | 0.8954077196756999 | 0.8149281336784363 |
| 66 | 33500.0 | 0.8100037350654602 | 0.8146929799079895 | 0.8980698537190756 | 0.813827638053894  |
| 67 | 34000.0 | 0.8107307165145874 | 0.8186353065490722 | 0.9008099596659342 | 0.819720560836792  |
| 68 | 34500.0 | 0.8130133233070373 | 0.819831696510315  | 0.9026345881144205 | 0.8214144681930542 |
| 69 | 35000.0 | 0.8156726808547974 | 0.8281888993263244 | 0.903107987721761  | 0.8256566598892212 |
| 70 | 35500.0 | 0.8182278343200684 | 0.8268452289581298 | 0.9062566431681315 | 0.8291712747573853 |
| 71 | 36000.0 | 0.8213072595596314 | 0.8328269109725952 | 0.9084526418050131 | 0.8320133554458619 |
| 72 | 36500.0 | 0.8226905318260193 | 0.8345254858016968 | 0.9092792215983073 | 0.8341072186470032 |
| 73 | 37000.0 | 0.824425950050354  | 0.839774012184143  | 0.9100637580871582 | 0.839720414352417  |
| 74 | 37500.0 | 0.8262328113555908 | 0.839899112701416  | 0.9131691314697266 | 0.8405855995178223 |
| 75 | 38000.0 | 0.8293648302078247 | 0.8437536254882813 | 0.915358158493042  | 0.846463127040863  |
| 76 | 38500.0 | 0.8298465383529663 | 0.8471060045242309 | 0.9150540445963542 | 0.8465338760375977 |
| 77 | 39000.0 | 0.8325550790786743 | 0.8508671882629395 | 0.9155935619354248 | 0.850412082862854  |

metadata

|   | epoch  | lr_change_ratio | batch_mean_epsilon   | batch_valid_ratio    | batch_mean_epsilon   |
|---|--------|-----------------|----------------------|----------------------|----------------------|
| 0 | 500.0  | 1.0             | 0.002714507281780243 | 0.019890230149030685 | 0.019890230149030685 |
| 1 | 1000.0 | 1.0             | 0.005129481665790081 | 0.021991297602650533 | 0.021991297602650533 |
| 2 | 1500.0 | 1.0             | 0.007540930528193712 | 0.024308798834680511 | 0.024308798834680511 |
| 3 | 2000.0 | 1.0             | 0.009800593368709087 | 0.026863818988200362 | 0.026863818988200362 |
| 4 | 2500.0 | 1.0             | 0.01323668658733368  | 0.02967922016978064  | 0.02967922016978064  |
| 5 | 3000.0 | 1.0             | 0.015734994783997536 | 0.0327797457575798   | 0.0327797457575798   |

|    |         |     |                      |                                      |
|----|---------|-----|----------------------|--------------------------------------|
| 6  | 3500.0  | 1.0 | 0.016908258199691772 | 0.036192093044519457180997133255     |
| 7  | 4000.0  | 1.0 | 0.02055807039141655  | 0.0399449951946705446595239639282    |
| 8  | 4500.0  | 1.0 | 0.02293514646589756  | 0.0440692529082298204342007637024    |
| 9  | 5000.0  | 1.0 | 0.02798780985176563  | 0.0485977828502655759071111679077    |
| 10 | 5500.0  | 1.0 | 0.03199823200702667  | 0.0535655841231305973654985427856    |
| 11 | 6000.0  | 1.0 | 0.03410918265581131  | 0.0590097047388563780266523361206    |
| 12 | 6500.0  | 1.0 | 0.042001090943813324 | 0.0649691671133001646477222442627    |
| 13 | 7000.0  | 1.0 | 0.04358059540390968  | 0.0714847519993781096488237380981    |
| 14 | 7500.0  | 1.0 | 0.05064493417739868  | 0.0785988420248031644347071647644    |
| 15 | 8000.0  | 1.0 | 0.0558507964015007   | 0.08635507524013619467576026916504   |
| 16 | 8500.0  | 1.0 | 0.06619346141815186  | 0.0947979539632795282583403587341    |
| 17 | 9000.0  | 1.0 | 0.07065071165561676  | 0.1039723455905904579514467716217    |
| 18 | 9500.0  | 1.0 | 0.07763852179050446  | 0.1139228865504264815006732940674    |
| 19 | 10000.0 | 1.0 | 0.09026090800762177  | 0.12469322234392076238638401031494   |
| 20 | 10500.0 | 1.0 | 0.09924452006816864  | 0.13632510602474017279989123344421   |
| 21 | 11000.0 | 1.0 | 0.11350851505994797  | 0.14885754883289337525311613082886   |
| 22 | 11500.0 | 1.0 | 0.12229613959789276  | 0.1623255461454391753400444984436    |
| 23 | 12000.0 | 1.0 | 0.1339857429265976   | 0.17675903439521079580135464668274   |
| 24 | 12500.0 | 1.0 | 0.14201390743255615  | 0.192181453108780548957405090332     |
| 25 | 13000.0 | 1.0 | 0.15994995832443237  | 0.2086085379123687766746997833252    |
| 26 | 13500.0 | 1.0 | 0.16464543342590332  | 0.22604681551456057283687591552734   |
| 27 | 14000.0 | 1.0 | 0.19802401959896088  | 0.24449250102043052099390268325806   |
| 28 | 14500.0 | 1.0 | 0.20462214946746826  | 0.26393005251884067752894163131714   |
| 29 | 15000.0 | 1.0 | 0.22747761011123657  | 0.28433138132095633000439405441284   |
| 30 | 15500.0 | 1.0 | 0.24670279026031494  | 0.305654793977737040712890625        |
| 31 | 16000.0 | 1.0 | 0.26487112045288086  | 0.3278448581695568679161047935486    |
| 32 | 16500.0 | 1.0 | 0.27661776542663574  | 0.3508318960666666666684624004364014 |
| 33 | 17000.0 | 1.0 | 0.3010771870613098   | 0.3745325505733498038746118545532    |
| 34 | 17500.0 | 1.0 | 0.31983837485313416  | 0.3988506495952608019000887870789    |
| 35 | 18000.0 | 1.0 | 0.34243360161781310  | 0.42367810010910034082400560379028   |
| 36 | 18500.0 | 1.0 | 0.36394184827804565  | 0.44889697432518089107469081878662   |
| 37 | 19000.0 | 1.0 | 0.4084235727787018   | 0.4743814170360565609603643417358    |
| 38 | 19500.0 | 1.0 | 0.4290159344673157   | 0.50.8580318689346313                |
| 39 | 20000.0 | 1.0 | 0.44162869453430176  | 0.525618553161620840207576751709     |

|    |         |   |                                    |
|----|---------|---|------------------------------------|
| 40 | 20500.0 | 0.10000000000000000000000416685104370107  | 0.55110299587249078966869711875916 |
| 41 | 21000.0 | 0.10000000000000000000005294995903968810  | 0.5763218402862509187567830085754  |
| 42 | 21500.0 | 0.100000000000000000000052464658737182610 | 0.6011493802070603090349674224854  |
| 43 | 22000.0 | 0.100000000000000000000055688773632049550 | 0.6254674196243289063425064086914  |
| 44 | 22500.0 | 0.10000000000000000000005960388183593750  | 0.6491681337356560181578159332275  |
| 45 | 23000.0 | 0.10000000000000000000006180368661880493  | 0.6721551418304403194854497909546  |
| 46 | 23500.0 | 0.10000000000000000000006383243799209595  | 0.6943451762199402193184971809387  |
| 47 | 24000.0 | 0.10000000000000000000006556466817855835  | 0.7156686186790469161317348480225  |
| 48 | 24500.0 | 0.10000000000000000000006729570031166070  | 0.7360699772834703142568111419678  |
| 49 | 25000.0 | 0.10000000000000000000006840586662292480  | 0.7555075287818909054293632507324  |
| 50 | 25500.0 | 0.10000000000000000000007378849387168884  | 0.7739531993865960533973932266235  |
| 51 | 26000.0 | 0.10000000000000000000007241880297660823  | 0.7913914918899539150819182395935  |
| 52 | 26500.0 | 0.10000000000000000000007576987743377686  | 0.807818531990050337956690788269   |
| 53 | 27000.0 | 0.10000000000000000000007705471515655513  | 0.8232409358024590359922409057617  |
| 54 | 27500.0 | 0.10000000000000000000008060341477394104  | 0.83767449855804049622283577919006 |
| 55 | 28000.0 | 0.10000000000000000000008076608180999756  | 0.8511424660682603489138126373291  |
| 56 | 28500.0 | 0.10000000000000000000008207596540451050  | 0.8636748790740960503109455108643  |
| 57 | 29000.0 | 0.10000000000000000000008261883258819580  | 0.8753068447113030438842535018921  |
| 58 | 29500.0 | 0.10000000000000000000008393746018409729  | 0.88607710599899029472929835319519 |
| 59 | 30000.0 | 0.10000000000000000000008353618383407593  | 0.8960276246070862322947263717651  |
| 60 | 30500.0 | 0.01000000000000000000008609647750854492  | 0.9052020907402039511299729347229  |
| 61 | 31000.0 | 0.010000000000000000000086243871545791626 | 0.9136449098587039460865259170532  |
| 62 | 31500.0 | 0.01000000000000000000008924818634986870  | 0.92140120267868049686137437820435 |
| 63 | 32000.0 | 0.010000000000000000000089763080239295960 | 0.9285152554512024437734484672546  |
| 64 | 32500.0 | 0.01000000000000000000008990406360626220  | 0.9350308775901794518836736679077  |
| 65 | 33000.0 | 0.01000000000000000000009056144356727610  | 0.9409903287887503624056816101074  |
| 66 | 33500.0 | 0.01000000000000000000009022564888000483  | 0.94643443822860072533216953277588 |
| 67 | 34000.0 | 0.01000000000000000000009079083800315850  | 0.9514022469520569542844295501709  |
| 68 | 34500.0 | 0.01000000000000000000009024101657867432  | 0.955930769443510952380895614624   |
| 69 | 35000.0 | 0.010000000000000000000090247014617919922 | 0.9600549936294569527594447135925  |
| 70 | 35500.0 | 0.010000000000000000000090289998412132263 | 0.96380788087844895638848900794983 |
| 71 | 36000.0 | 0.010000000000000000000090210818910598755 | 0.9672201871871908626369476318359  |
| 72 | 36500.0 | 0.010000000000000000000090252897405624390 | 0.97032070159912019638974666595459 |

|    |         |                      |                    |                    |                    |
|----|---------|----------------------|--------------------|--------------------|--------------------|
| 73 | 37000.0 | 0.010000000000000000 | 0.9859536767005920 | 0.9731361865997304 | 0.9617910981178284 |
| 74 | 37500.0 | 0.010000000000000000 | 0.9857417726516724 | 0.9756912589073181 | 0.9693043828010559 |
| 75 | 38000.0 | 0.010000000000000000 | 0.9840406560897827 | 0.9780087471008301 | 0.965268075466156  |
| 76 | 38500.0 | 0.010000000000000000 | 0.9812320756912230 | 0.9801098108291605 | 0.9705362319946289 |
| 77 | 39000.0 | 0.010000000000000000 | 0.9749319243431090 | 0.9820137619972209 | 0.9622390270233154 |