
















accuracy

	epoch	noisy_train	      
0	100.0	0.5946595460614152	0.5862708719851577
1	200.0	0.40534045393858475	0.4137291280148423
2	300.0	0.5946595460614152	0.5862708719851577
3	400.0	0.40534045393858475	0.4137291280148423
4	500.0	0.5946595460614152	0.5862708719851577
5	600.0	0.40534045393858475	0.4137291280148423
6	700.0	0.5946595460614152	0.5862708719851577
7	800.0	0.5449933244325768	0.6307977736549165
8	900.0	0.7303070761014686	0.7569573283858998
9	1000.0	0.7052069425901202	0.7569573283858998
10	1100.0	0.758611481975968	0.8070500927643784
11	1200.0	0.7727636849132177	0.8293135435992579
12	1300.0	0.7823765020026703	0.8367346938775511
13	1400.0	0.8232309746328438	0.8775510204081632
14	1500.0	0.8221628838451268	0.8923933209647495
15	1600.0	0.8488651535380507	0.9016697588126159
16	1700.0	0.8456608811748999	0.9128014842300557
17	1800.0	0.8344459279038718	0.9165120593692022
18	1900.0	0.8566088117489986	0.9128014842300557
19	2000.0	0.8638184245660881	0.9239332096474954
20	2100.0	0.8739652870493992	0.9090909090909091
21	2200.0	0.8811748998664887	0.9165120593692022
22	2300.0	0.8883845126835781	0.9183673469387755
23	2400.0	0.892656875834446	0.9165120593692022
24	2500.0	0.896128170894526	0.9165120593692022
25	2600.0	0.9049399198931909	0.9202226345083488
26	2700.0	0.9169559412550067	0.9183673469387755
27	2800.0	0.9065420560747663	0.8738404452690167
28	2900.0	0.9407209612817089	0.9016697588126159
29	3000.0	0.9551401869158879	0.9035250463821892
30	3100.0	0.9604806408544726	0.9035250463821892








31	3200.0	0.962082777036048	0.8998144712430427
32	3300.0	0.9639519359145527	0.9016697588126159
33	3400.0	0.9644859813084112	0.8961038961038961
34	3500.0	0.9690253671562082	0.9090909090909091
35	3600.0	0.9722296395193591	0.9109461966604824
36	3700.0	0.9706275033377837	0.9090909090909091
37	3800.0	0.9757009345794393	0.9090909090909091
38	3900.0	0.9748998664886516	0.9035250463821892
39	4000.0	0.9773030707610146	0.9016697588126159
40	4100.0	0.9759679572763685	0.8905380333951762
41	4200.0	0.9807743658210948	0.9109461966604824
42	4300.0	0.9850467289719627	0.9053803339517625
43	4400.0	0.9853137516688919	0.9128014842300557
44	4500.0	0.9869158878504672	0.9053803339517625
45	4600.0	0.9882510013351135	0.9090909090909091

loss

	epoch	noisy_train	       
0	100.0	0.6766699709124484	0.678612561786876
1	200.0	0.7014436433881016	0.7008169433649849
2	300.0	0.6893617930048603	0.6896569413297317
3	400.0	0.6946820253032749	0.6945075883584864
4	500.0	0.6910741874727152	0.6911747034858254
5	600.0	0.6938366182779862	0.6936801636920256
6	700.0	0.6923046612133414	0.6922427801524892
7	800.0	0.6928950426942211	0.6927361979204065
8	900.0	0.6924122117333493	0.692222419907065
9	1000.0	0.6920502408076141	0.6917376728618846
10	1100.0	0.6903152440564108	0.6896524359198177
11	1200.0	0.6837841595633555	0.6813878101461074
12	1300.0	0.6501613870515661	0.6389843225479126
13	1400.0	0.4790474651223522	0.43275375225964713








14	1500.0	0.4185277822159104	0.3217219088007422
15	1600.0	0.3870144043180902	0.2837758870685802
16	1700.0	0.4309942330849373	0.3415126853129443
17	1800.0	0.45714213048755115	0.3752901983611724
18	1900.0	0.43299209869514077	0.3529902534449802
19	2000.0	0.3486746893090717	0.2645743581302026
20	2100.0	0.35485422396558824	0.29304620185319114
21	2200.0	0.32200073210869806	0.27038754435146556
22	2300.0	0.2980854419075837	0.25876958668231964
23	2400.0	0.28786100794450714	0.2567349913365701
24	2500.0	0.276221663264905	0.24252132939941742
25	2600.0	0.24463759148019856	0.23677423245766582
26	2700.0	0.2187055329460714	0.23044851685271545
27	2800.0	0.2340307314959118	0.307191863656044
28	2900.0	0.1991327858640481	0.26613009984002395
29	3000.0	0.15914294322542213	0.2812175667461227
30	3100.0	0.14278147038135489	0.2801216323586071
31	3200.0	0.1321462368497909	0.27900272476322513
32	3300.0	0.1266120174363003	0.27887947112321854
33	3400.0	0.12759511802598075	0.29473089996506185
34	3500.0	0.11331316573008643	0.2814386048737694
35	3600.0	0.10556500837585683	0.2776852006859639
36	3700.0	0.10002967655279879	0.282963068169706
37	3800.0	0.09667382051505274	0.29365865535595836
38	3900.0	0.09191327223206981	0.29765640549799977
39	4000.0	0.08888246792258095	0.3113414903773981
40	4100.0	0.09356999870831684	0.3335703729706652
41	4200.0	0.07617422918615452	0.30628595325876684
42	4300.0	0.07151486001656217	0.30591729195678935
43	4400.0	0.06771803844593845	0.3143964203841546
44	4500.0	0.06393312612327479	0.31720056779244366
45	4600.0	0.0596228709239197	0.31786248832941055

normalised_entropy

	epoch	noisy_train	  test     
0	100.0	0.9893461813913964	0.9893582296282993
1	200.0	0.9989213549247252	0.998922061389364
2	300.0	0.999710570588131	0.9997097999133957
3	400.0	0.9999516590574237	0.9999525533757537
4	500.0	0.9999263720136777	0.9999247570427097
5	600.0	0.9999851819351614	0.999986153144341
6	700.0	0.9999935795213575	0.9999925864649615
7	800.0	0.9999990663477512	0.9999991365620289
8	900.0	0.9999984443903924	0.9999976573937014
9	1000.0	0.9999964902811598	0.9999954492572508
10	1100.0	0.9999818541497509	0.9999772285928532
11	1200.0	0.9998081154912432	0.9997665426505519
12	1300.0	0.9953750790040865	0.9942994869706361
13	1400.0	0.8659471212942228	0.8407840941080578
14	1500.0	0.6922768894757065	0.6492867372473892
15	1600.0	0.5485304899941459	0.5162850523260396
16	1700.0	0.7165279039871868	0.712501741738399
17	1800.0	0.7354838403426758	0.6635272038447393
18	1900.0	0.7409960244781025	0.654445845474781
19	2000.0	0.6286730675417209	0.5411257151106514
20	2100.0	0.6390196468546807	0.5281013717014404
21	2200.0	0.5823602142257589	0.46505391929499074
22	2300.0	0.5503369321969546	0.4326952392847065
23	2400.0	0.5357465864182792	0.41953740447262
24	2500.0	0.5438076443442993	0.4400819369724819
25	2600.0	0.4727368762719138	0.37371844484545086
26	2700.0	0.4113772515461187	0.3061729118863815
27	2800.0	0.4430956176508253	0.33428432591992097
28	2900.0	0.4508784019740147	0.3481500869779286
29	3000.0	0.36665626248625793	0.28819185506434963
30	3100.0	0.33905890658796234	0.2705449531604717

31	3200.0	0.3164259340400212	0.2560823176035412
32	3300.0	0.31152864598702684	0.25088965605273983
33	3400.0	0.3140160115124864	0.25074327589187195
34	3500.0	0.28479543376032596	0.22992267414015166
35	3600.0	0.267893799387406	0.2183884658707316
36	3700.0	0.2550253684991829	0.21082473774345553
37	3800.0	0.2548619834857885	0.2095893433452316
38	3900.0	0.24644584269405845	0.20482303127508217
39	4000.0	0.24188484678440322	0.20188349983024242
40	4100.0	0.2474193835091368	0.20521172322678433
41	4200.0	0.21365391305276007	0.18262865547788829
42	4300.0	0.20607755766691607	0.1786349527468708
43	4400.0	0.19692703061531955	0.17401579514505247
44	4500.0	0.19003641665260368	0.16842679831446433
45	4600.0	0.18008932886080684	0.16238339513484976

max_p

	epoch	noisy_train	      
0	100.0	0.5606895555004736	0.5606552700828311
1	200.0	0.5193321218637026	0.5193258933100939
2	300.0	0.5100145516790281	0.510027940286555
3	400.0	0.5040911584256965	0.504052988452239
4	500.0	0.5050485937872302	0.505102911331658
5	600.0	0.5022538641266256	0.5021734892326737
6	700.0	0.5014590069034867	0.5015636578561645
7	800.0	0.5004653262200757	0.5004258235443059
8	900.0	0.5005881460231837	0.5007305499131692
9	1000.0	0.5008822239925451	0.5010199962608889
10	1100.0	0.5020046934744067	0.5023227755346634
11	1200.0	0.5062394499460432	0.5072558832964782
12	1300.0	0.5291752928726187	0.5342448009851912
13	1400.0	0.678595103027028	0.6980986338599493

14	1500.0	0.7945047711657587	0.8144419463092188
15	1600.0	0.8601818563782166	0.8720762716374725
16	1700.0	0.7892044160331043	0.7886999622125572
17	1800.0	0.7093592321283827	0.7549076504963891
18	1900.0	0.7089545290842553	0.7655284223397278
19	2000.0	0.8073072815928185	0.843435305168987
20	2100.0	0.7827630919353348	0.8339747285577495
21	2200.0	0.8127575563811492	0.861180084313444
22	2300.0	0.826258233949562	0.8713483828118206
23	2400.0	0.831398337657684	0.8745434324020357
24	2500.0	0.8358562775861437	0.8725373333593025
25	2600.0	0.8627523787349503	0.8933935749287508
26	2700.0	0.8835398301422517	0.9171001561718659
27	2800.0	0.8617167856091651	0.900059648701344
28	2900.0	0.8628838208711672	0.896524715954386
29	3000.0	0.8949674363925715	0.9158484223601105
30	3100.0	0.90579382058616	0.9226255328403112
31	3200.0	0.9141151646746494	0.9269421281973815
32	3300.0	0.9157989416803632	0.9283567403818106
33	3400.0	0.9140062546061578	0.9281487261430673
34	3500.0	0.9245301712180012	0.9351881625258635
35	3600.0	0.9299596262073644	0.9383842277172988
36	3700.0	0.9339931049238697	0.9407432747241075
37	3800.0	0.9339490801215331	0.9405275390851475
38	3900.0	0.9363949256522633	0.9416224739768289
39	4000.0	0.9380276163525193	0.9425561689047733
40	4100.0	0.9350505395629537	0.941247051854744
41	4200.0	0.9465809513634451	0.9489654371158975
42	4300.0	0.949137609600225	0.9502542916830484
43	4400.0	0.9517239622821477	0.9510405298066714
44	4500.0	0.9538016759505736	0.9532803091357059
45	4600.0	0.9569436396552978	0.9550876015856005

metadata

	epoch	lr_change_ratio	batch_mean_epsilon	batch_valid_ratio	batch_mean_grad_norm	batch_mean_epsilon	list
0	100.0	1.0	-1.0	-0.03125	-1.0	-1.0	
1	200.0	1.0	-1.0	-0.03125	-1.0	-1.0	
2	300.0	1.0	-1.0	-0.03125	-1.0	-1.0	
3	400.0	1.0	-1.0	-0.03125	-1.0	-1.0	
4	500.0	1.0	-1.0	-0.03125	-1.0	-1.0	
5	600.0	1.0	-1.0	-0.03125	-1.0	-1.0	
6	700.0	1.0	-1.0	-0.03125	-1.0	-1.0	
7	800.0	1.0	-1.0	-0.03125	-1.0	-1.0	
8	900.0	1.0	-1.0	-0.03125	-1.0	-1.0	
9	1000.0	1.0	-1.0	-0.03125	-1.0	-1.0	
10	1100.0	1.0	-1.0	-0.03125	-1.0	-1.0	
11	1200.0	1.0	-1.0	-0.03125	-1.0	-1.0	
12	1300.0	1.0	-1.0	-0.03125	-1.0	-1.0	
13	1400.0	1.0	-1.0	-0.03125	-1.0	-1.0	
14	1500.0	1.0	-1.0	-0.03125	-1.0	-1.0	
15	1600.0	1.0	-1.0	-0.03125	-1.0	-1.0	
16	1700.0	1.0	-1.0	-0.03125	-1.0	-1.0	
17	1800.0	1.0	-1.0	-0.03125	-1.0	-1.0	
18	1900.0	1.0	-1.0	-0.03125	-1.0	-1.0	
19	2000.0	1.0	-1.0	-0.03125	-1.0	-1.0	
20	2100.0	1.0	-1.0	-0.03125	-1.0	-1.0	
21	2200.0	1.0	-1.0	-0.03125	-1.0	-1.0	
22	2300.0	1.0	-1.0	-0.03125	-1.0	-1.0	
23	2400.0	1.0	-1.0	-0.03125	-1.0	-1.0	
24	2500.0	1.0	-1.0	-0.03125	-1.0	-1.0	
25	2600.0	1.0	-1.0	-0.03125	-1.0	-1.0	
26	2700.0	1.0	-1.0	-0.03125	-1.0	-1.0	
27	2800.0	1.0	-1.0	-0.03125	-1.0	-1.0	
28	2900.0	1.0	-1.0	-0.03125	-1.0	-1.0	
29	3000.0	0.1	-1.0	-0.03125	-1.0	-1.0	
30	3100.0	0.1	-1.0	-0.03125	-1.0	-1.0	

31	3200.0	0.1	-1.0	-0.03125	-1.0	-1.0	
32	3300.0	0.1	-1.0	-0.03125	-1.0	-1.0	
33	3400.0	0.1	-1.0	-0.03125	-1.0	-1.0	
34	3500.0	0.1	-1.0	-0.03125	-1.0	-1.0	
35	3600.0	0.1	-1.0	-0.03125	-1.0	-1.0	
36	3700.0	0.1	-1.0	-0.03125	-1.0	-1.0	
37	3800.0	0.1	-1.0	-0.03125	-1.0	-1.0	
38	3900.0	0.1	-1.0	-0.03125	-1.0	-1.0	
39	4000.0	0.1	-1.0	-0.03125	-1.0	-1.0	
40	4100.0	0.1	-1.0	-0.03125	-1.0	-1.0	
41	4200.0	0.1	-1.0	-0.03125	-1.0	-1.0	
42	4300.0	0.1	-1.0	-0.03125	-1.0	-1.0	
43	4400.0	0.1	-1.0	-0.03125	-1.0	-1.0	
44	4500.0	0.1	-1.0	-0.03125	-1.0	-1.0	
45	4600.0	0.1	-1.0	-0.03125	-1.0	-1.0	