accuracy

	epoch	noisy_train	test
0	100.0	0.4498640893989731	0.4137291280148423
1	200.0	0.4498640893989731	0.4137291280148423
2	300.0	0.4498640893989731	0.4137291280148423
3	400.0	0.4498640893989731	0.4137291280148423
4	500.0	0.4498640893989731	0.4137291280148423
5	600.0	0.4498640893989731	0.4137291280148423
6	700.0	0.4498640893989731	0.4137291280148423
7	800.0	0.4500151011778919	0.4155844155844156
8	900.0	0.5566294170945334	0.5918367346938775
9	1000.0	0.5528541226215645	0.588126159554731
10	1100.0	0.553760193295077	0.588126159554731
11	1200.0	0.5839625490788282	0.6419294990723562
12	1300.0	0.5745998187858653	0.6196660482374768
13	1400.0	0.6046511627906976	0.6790352504638218
14	1500.0	0.6066143159166415	0.6790352504638218
15	1600.0	0.6120507399577167	0.7532467532467533
16	1700.0	0.5916641498036846	0.7569573283858998
17	1800.0	0.6087284808215041	0.7495361781076066
18	1900.0	0.5999697976442162	0.7588126159554731
19	2000.0	0.5977046209604349	0.7606679035250464
20	2100.0	0.5776200543642405	0.725417439703154
21	2200.0	0.5724856538810027	0.7161410018552876
22	2300.0	0.5981576562971912	0.7551020408163265
23	2400.0	0.5880398671096345	0.7346938775510204
24	2500.0	0.5881908788885533	0.7309833024118738
25	2600.0	0.5937783147085473	0.738404452690167
26	2700.0	0.5958924796134099	0.7328385899814471
27	2800.0	0.6066143159166415	0.764378478664193
28	2900.0	0.5969495620658412	0.7346938775510204
29	3000.0	0.6052552099063727	0.7606679035250464
30	3100.0	0.6035940803382663	0.7421150278293135

31	3200.0	0.6146179401993356	0.7717996289424861
32	3300.0	0.632890365448505	0.8181818181818182
33	3400.0	0.6535789791603746	0.8348794063079777
34	3500.0	0.6558441558441559	0.8348794063079777
35	3600.0	0.6852914527333132	0.8923933209647495
36	3700.0	0.6760797342192691	0.8868274582560297
37	3800.0	0.6991845363938387	0.9128014842300557
38	3900.0	0.6982784657203261	0.9165120593692022
39	4000.0	0.6975234068257324	0.8812615955473099
40	4100.0	0.7035638779824827	0.8608534322820037
41	4200.0	0.7197221383267894	0.9183673469387755
42	4300.0	0.7204771972213833	0.9053803339517625
43	4400.0	0.7301419510721836	0.9090909090909091
44	4500.0	0.7168529145273331	0.922077922077922
45	4600.0	0.7298399275143461	0.9016697588126159
46	4700.0	0.741014799154334	0.9072356215213359
47	4800.0	0.7511325883418907	0.8905380333951762
48	4900.0	0.7503775294472969	0.8608534322820037
49	5000.0	0.7588341890667472	0.8961038961038961
50	5100.0	0.7722742373905165	0.8849721706864564
51	5200.0	0.7680459075807913	0.8645640074211502
52	5300.0	0.7748414376321353	0.8738404452690167
53	5400.0	0.779371790999698	0.8812615955473099
54	5500.0	0.7828450619148294	0.8886827458256029
55	5600.0	0.7851102385986107	0.8868274582560297
56	5700.0	0.785563273935367	0.8979591836734694
57	5800.0	0.7885835095137421	0.8701298701298701
58	5900.0	0.7888855330715796	0.8682745825602969
59	6000.0	0.7913017215342797	0.87569573283859
60	6100.0	0.794170945333736	0.8849721706864564
61	6200.0	0.7938689217758985	0.8794063079777366
62	6300.0	0.7979462398067049	0.8923933209647495
63	6400.0	0.7967381455753548	0.8942486085343229
64	6500.0	0.8038356991845363	0.8849721706864564

65	6600.0	0.8027786167321052	0.8515769944341373
66	6700.0	0.8089700996677741	0.8738404452690167
67	6800.0	0.8074599818785865	0.8886827458256029
68	6900.0	0.8138024765931743	0.8645640074211502
69	7000.0	0.8165206886137119	0.8868274582560297
70	7100.0	0.8209000302023558	0.8571428571428571
71	7200.0	0.8234672304439746	0.8664192949907236
72	7300.0	0.8270915131380248	0.8664192949907236
73	7400.0	0.827544548474781	0.87569573283859
74	7500.0	0.83373603141045	0.8608534322820037
75	7600.0	0.8370582905466626	0.8534322820037106
76	7700.0	0.8366052552099064	0.8812615955473099
77	7800.0	0.840531561461794	0.8589981447124304
78	7900.0	0.8430987617034129	0.8831168831168831
79	8000.0	0.8479311386288131	0.8460111317254174
80	8100.0	0.8536695862277257	0.8534322820037106
81	8200.0	0.8482331621866506	0.8423005565862709

loss

	epoch	noisy_train	test
0	100.0	0.7129587266180251	0.7227060584460988
1	200.0	0.7031208898710168	0.7089131895233604
2	300.0	0.6987758382506992	0.7023991171051475
3	400.0	0.6959927004316578	0.697982486556558
4	500.0	0.6945858926012896	0.6956364968243767
5	600.0	0.6938477636535386	0.6943637307952432
6	700.0	0.6933682071413971	0.6935163035112268
7	800.0	0.6931758998096853	0.69316846482894
8	900.0	0.6930538891018301	0.6929431873209336
9	1000.0	0.6930310674335646	0.6928964642917409
10	1100.0	0.6930178245484541	0.6928650000516106
11	1200.0	0.6930315223868918	0.6928833407514235
12	1300.0	0.6930105311859057	0.6928382305537953

13	1400.0	0.6930136513594843	0.6928355448386249
14	1500.0	0.6929991239510872	0.6928001712350285
15	1600.0	0.6930226721049507	0.692834363264196
16	1700.0	0.6930206383483998	0.6928217796718373
17	1800.0	0.692995624265809	0.6927670310525333
18	1900.0	0.6929839112332478	0.6927332878112793
19	2000.0	0.6929647862047389	0.692685909130994
20	2100.0	0.6929560136679865	0.6926538102767047
21	2200.0	0.6929356519150849	0.6926000223440283
22	2300.0	0.6928764837951475	0.6924720757147845
23	2400.0	0.6928477808473191	0.6923964198897866
24	2500.0	0.6927835993144823	0.6922455500153935
25	2600.0	0.6927008240119271	0.6920560984050527
26	2700.0	0.6925612161124962	0.6917392891996047
27	2800.0	0.6923410244609999	0.691257515374352
28	2900.0	0.6920067953026813	0.6904889555538402
29	3000.0	0.6913482016987271	0.688999733504127
30	3100.0	0.6900075705730973	0.6858484604779411
31	3200.0	0.6873926773739322	0.6796604465035831
32	3300.0	0.6787702516081252	0.6592536253087661
33	3400.0	0.6643416777901028	0.625658228116877
34	3500.0	0.629238561299688	0.5381664458443137
35	3600.0	0.5837867817872964	0.4089346037191503
36	3700.0	0.5727068313222	0.3920569551341674
37	3800.0	0.5539168688842064	0.297861425753902
38	3900.0	0.548697967172245	0.31227434119757486
39	4000.0	0.5502051758593407	0.3621106493998976
40	4100.0	0.5470410605919533	0.35958364386768904
41	4200.0	0.5177073711214434	0.27971934790120406
42	4300.0	0.516383699748827	0.2864468961077578
43	4400.0	0.5062401912350586	0.2746168550323037
44	4500.0	0.5187144776905216	0.25852943913025017
45	4600.0	0.5030363796341822	0.2839396990397397

46	4700.0	0.48991783503173053	0.263458693290458
47	4800.0	0.4808545210151281	0.2933942355653819
48	4900.0	0.4787110100693749	0.31000371890909534
49	5000.0	0.47063837722303786	0.2781027818427366
50	5100.0	0.4657523273917788	0.2925564822028665
51	5200.0	0.4651887300581748	0.29924169182777405
52	5300.0	0.4545318930261377	0.28540246363948374
53	5400.0	0.45082346141194374	0.2895231395959854
54	5500.0	0.4458044409247988	0.28168583354529214
55	5600.0	0.44377628505085975	0.2847835198044777
56	5700.0	0.4385112950551337	0.27464887324501486
57	5800.0	0.4397430801809122	0.29153818987748203
58	5900.0	0.43795971943128514	0.29627664606360826
59	6000.0	0.4331196084222644	0.2891287790501819
60	6100.0	0.4286022849452956	0.28177087271914764
61	6200.0	0.427004918816009	0.28293488437638564
62	6300.0	0.4211444970634248	0.27675457561717315
63	6400.0	0.4177121340256670 4	0.2724509085802471
64	6500.0	0.41437262877965897	0.2824758313157979
65	6600.0	0.4232267674040679	0.31483184195616665
66	6700.0	0.40847158046880205	0.28611723267856765
67	6800.0	0.40292117660100335	0.2788042601417093
68	6900.0	0.4034991042625501	0.3056902587413788
69	7000.0	0.39596071279639206	0.2832529413349488
70	7100.0	0.39733357772519046	0.30452924134100184
71	7200.0	0.38994507451996135	0.3036392068161684
72	7300.0	0.38407199905402417	0.3013016382122741
73	7400.0	0.3778155753613958	0.2921644565375412
74	7500.0	0.37421763915082684	0.3065612197798841
75	7600.0	0.37398186005687944	0.3163365901393049
76	7700.0	0.3616859803273194	0.2897573713870609
77	7800.0	0.3622490519810702	0.316479866995531
78	7900.0	0.35106813077981347	0.282974973320961
79	8000.0	0.34927337217158166	0.32282127308494907

	epoch	noisy_train	test
80	8100.0	0.3414085306731111	0.3235609264058225
81	8200.0	0.347470550019528	0.3531865517006201

normalised_entropy

	epoch	noisy_train	test
0	100.0	0.9892445612947446	0.9892452891107393
1	200.0	0.9961795605262289	0.9961790251156837
2	300.0	0.9984950659246972	0.99849474806069
3	400.0	0.9995394712198684	0.9995394159999982
4	500.0	0.9998667442485379	0.9998668465410845
5	600.0	0.999964839920325	0.999964935217806
6	700.0	0.9999955380945831	0.999995587265779
7	800.0	0.999999659834078	0.9999996709027406
8	900.0	0.9999997926168808	0.9999997593697457
9	1000.0	0.9999996552255642	0.9999995930517759
10	1100.0	0.9999995987712706	0.9999995222781718
11	1200.0	0.9999997692862799	0.9999996921348218
12	1300.0	0.9999996606981744	0.9999995505876135
13	1400.0	0.9999997427873257	0.9999996248998978
14	1500.0	0.999999699006445	0.9999995576649738
15	1600.0	0.9999998476310138	0.9999997275216239
16	1700.0	0.9999998363977615	0.9999997062895426
17	1800.0	0.9999997848400138	0.9999996036678166
18	1900.0	0.9999997453796147	0.999999543510253
19	2000.0	0.9999996851809037	0.9999994444272071
20	2100.0	0.9999996088523946	0.999999355960202
21	2200.0	0.9999994930634863	0.9999991754875113
22	2300.0	0.9999993378141789	0.9999988782383736
23	2400.0	0.9999991523215	0.9999986269920788
24	2500.0	0.9999987692387937	0.9999980643419255
25	2600.0	0.9999982519331241	0.9999972716775586
26	2700.0	0.9999971067174545	0.999995636807302
27	2800.0	0.9999950893405556	0.9999927704763324

28	2900.0	0.9999898439877993	0.9999848969128667
29	3000.0	0.9999773007654704	0.9999661206756761
30	3100.0	0.9999309797295628	0.999891592531788
31	3200.0	0.9997784050884149	0.9996405656351008
32	3300.0	0.9986529236508078	0.9977953208399615
33	3400.0	0.9945188209535996	0.9906493171026622
34	3500.0	0.9665005760803499	0.9395424554432036
35	3600.0	0.8866175395489747	0.7927665073486782
36	3700.0	0.8585921177796387	0.7061660126100444
37	3800.0	0.7817726948944617	0.6227065300454899
38	3900.0	0.8092306510662608	0.659026896135263
39	4000.0	0.8497635012701248	0.6706212686032665
40	4100.0	0.8157677002379412	0.6088292408520304
41	4200.0	0.7743520306806412	0.543715576072792
42	4300.0	0.7767367154872875	0.5396588967770947
43	4400.0	0.7663805028960914	0.526727227863885
44	4500.0	0.735745341566818	0.5051533392939807
45	4600.0	0.7644663456162453	0.5249900534776677
46	4700.0	0.7328653409019477	0.48588058103656945
47	4800.0	0.7444206365679226	0.4827764976444846
48	4900.0	0.7036567834956665	0.4281415324485368
49	5000.0	0.746680021934083	0.5023981414610911
50	5100.0	0.7464846861178837	0.48548109942774165
51	5200.0	0.7278239391462855	0.45566175775757967
52	5300.0	0.7135892506993742	0.44377022019564993
53	5400.0	0.7096101213747265	0.4443407952232573
54	5500.0	0.6961486861627292	0.43190423721285165
55	5600.0	0.6984719675640727	0.4310222105546431
56	5700.0	0.6831828348948422	0.42048271954170185
57	5800.0	0.6920083225115445	0.4265298542595971
58	5900.0	0.6864112950062615	0.41795140427428407
59	6000.0	0.6821930959339194	0.41432679960148233
60	6100.0	0.6753803776384156	0.4091432421901894

61	6200.0	0.6731731706571449	0.4095303583233609
62	6300.0	0.6559605746066164	0.3927457920916669
63	6400.0	0.6513173037229151	0.39258387756701524
64	6500.0	0.6566757117466997	0.39588189080827535
65	6600.0	0.6683564621744758	0.4044799229651966
66	6700.0	0.6470181019563251	0.38510419309471006
67	6800.0	0.6339662496289685	0.3838096098466353
68	6900.0	0.6444103585309184	0.3853469151512811
69	7000.0	0.6395563938148934	0.38374222497108473
70	7100.0	0.6356132820415122	0.3767145148898321
71	7200.0	0.629638119573429	0.3760129480945821
72	7300.0	0.6227404237765627	0.37024288407504446
73	7400.0	0.6100707781419261	0.3601962732693702
74	7500.0	0.6141120056053261	0.3655840656089429
75	7600.0	0.6120740108279726	0.36361775946749825
76	7700.0	0.5911788524943369	0.350929796806293
77	7800.0	0.5967280858234854	0.35128762461037716
78	7900.0	0.5725382337826539	0.3365327989015597
79	8000.0	0.5827926092729652	0.34251518859934055
80	8100.0	0.5731326087800731	0.34158706576572057
81	8200.0	0.5795669980151384	0.34681945342522164

max_p

	epoch	noisy_train	test
0	100.0	0.5609776460307129	0.5609756073394379
1	200.0	0.5363715415777162	0.5363741221808326
2	300.0	0.5228338250218112	0.5228361543786326
3	400.0	0.5126326937432089	0.5126334404458806
4	500.0	0.5067951282465505	0.5067926912891622
5	600.0	0.5034896711754461	0.5034852956796622
6	700.0	0.5012400934466492	0.5012319720521266
7	800.0	0.5003282883418575	0.5003163226239093
8	900.0	0.5002447719913853	0.5002610997499031

9	1000.0	0.5003235744083443	0.5003438270158361
10	1100.0	0.5003488927188505	0.5003752752668561
11	1200.0	0.5002460180182934	0.5002774679152112
12	1300.0	0.500305591987649	0.5003412367019229
13	1400.0	0.5002517661310978	0.5002978878693589
14	1500.0	0.5002721801188661	0.5003260044529619
15	1600.0	0.5001706526885037	0.5002351930720907
16	1700.0	0.5001780476248974	0.5002399119021499
17	1800.0	0.5002052277749631	0.5002813392313602
18	1900.0	0.5002236949536996	0.5003035373723131
19	2000.0	0.5002497321923526	0.5003369035880065
20	2100.0	0.5002821190988719	0.5003639851076483
21	2200.0	0.5003228936444521	0.500408530014123
22	2300.0	0.5003657643437134	0.5004845497117193
23	2400.0	0.5004168684408407	0.5005406236383159
24	2500.0	0.5005041401539638	0.5006450624766731
25	2600.0	0.5006023009210078	0.5007673468793257
26	2700.0	0.5007777566889627	0.5009732184472022
27	2800.0	0.5010144204324338	0.5012558422194784
28	2900.0	0.5014382284309021	0.5017788414610118
29	3000.0	0.50213076073898	0.502660101994955
30	3100.0	0.5036361055480717	0.504681143114872
31	3200.0	0.506418675751313	0.5084527923357509
32	3300.0	0.5157341461677056	0.5208585434809244
33	3400.0	0.5318560529712895	0.5429880888873438
34	3500.0	0.5779878321964191	0.609004425869802
35	3600.0	0.6536154820457465	0.7130235909088645
36	3700.0	0.6475025826226329	0.74106232354725
37	3800.0	0.7305158308646139	0.8093038180321178
38	3900.0	0.7124894026073939	0.7894029174974544
39	4000.0	0.64155373822451	0.7531279031332437
40	4100.0	0.6668907993331628	0.7855802546626783
41	4200.0	0.7059337698920044	0.8223879288653938
42	4300.0	0.7021109020195134	0.8201535566397191

43	4400.0	0.7105939908893185	0.8279709683278496
44	4500.0	0.738549082994245	0.8450443819856378
45	4600.0	0.7079511081945569	0.8264618946139136
46	4700.0	0.7316827085651109	0.8436500924416508
47	4800.0	0.7146186802690392	0.8355580862466391
48	4900.0	0.7360053072520089	0.8569396696639193
49	5000.0	0.7227840728898021	0.8337799454443088
50	5100.0	0.7137963972722465	0.8355024794258301
51	5200.0	0.7214699860103034	0.8449806291229871
52	5300.0	0.7329613865051915	0.8517216627584538
53	5400.0	0.7372230767699679	0.8519343763645151
54	5500.0	0.7456709980712632	0.8586582367849261
55	5600.0	0.7428307370526018	0.8567070545203611
56	5700.0	0.7533781843147981	0.8628458472483675
57	5800.0	0.7462845675284968	0.8577786058132193
58	5900.0	0.7485287230528218	0.8604498068786508
59	6000.0	0.7519604819161552	0.8623360366679742
60	6100.0	0.7559328972123174	0.8646703695322012
61	6200.0	0.7575947592460796	0.8652848295024242
62	6300.0	0.7673629281456756	0.873266195322012
63	6400.0	0.7699780526099267	0.8728306297910899
64	6500.0	0.7671766500032333	0.8709063521121562
65	6600.0	0.7591291644788516	0.8641733406647238
66	6700.0	0.7712750770432897	0.8738884863915382
67	6800.0	0.7800972681324924	0.8767504718617738
68	6900.0	0.7730759295478251	0.873804421504486
69	7000.0	0.7769249058029004	0.8755590619315464
70	7100.0	0.7775122018351507	0.8766862377386146
71	7200.0	0.7813004180046411	0.8783386952359513
72	7300.0	0.7846592134379505	0.8798518172000468
73	7400.0	0.7907465641248698	0.883629931589668
74	7500.0	0.7890841672154792	0.8818081907084789
75	7600.0	0.7898615762496851	0.8816787953279457

76	7700.0	0.801146867015289	0.8888808942239227
77	7800.0	0.7976202465047004	0.8880461018691479
78	7900.0	0.8095073311107823	0.8947104098403166
79	8000.0	0.8044216938877135	0.8905219784030667
80	8100.0	0.8099649064096573	0.8912809403796365
81	8200.0	0.8067354532355306	0.8889253754341536

metadata

	epoch	lr_change_ratio	batch_mean_epsilon	batch_valid_ratio	batch_mean_gtrust	batch_mean_e...st
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	1.0	-1.0	-0.03125	-1.0	-1.0
30	3100.0	1.0	-1.0	-0.03125	-1.0	-1.0
31	3200.0	1.0	-1.0	-0.03125	-1.0	-1.0
32	3300.0	1.0	-1.0	-0.03125	-1.0	-1.0
33	3400.0	1.0	-1.0	-0.03125	-1.0	-1.0
34	3500.0	1.0	-1.0	-0.03125	-1.0	-1.0
35	3600.0	1.0	-1.0	-0.03125	-1.0	-1.0
36	3700.0	1.0	-1.0	-0.03125	-1.0	-1.0
37	3800.0	1.0	-1.0	-0.03125	-1.0	-1.0
38	3900.0	1.0	-1.0	-0.03125	-1.0	-1.0
39	4000.0	1.0	-1.0	-0.03125	-1.0	-1.0
40	4100.0	1.0	-1.0	-0.03125	-1.0	-1.0
41	4200.0	1.0	-1.0	-0.03125	-1.0	-1.0
42	4300.0	1.0	-1.0	-0.03125	-1.0	-1.0
43	4400.0	1.0	-1.0	-0.03125	-1.0	-1.0
44	4500.0	1.0	-1.0	-0.03125	-1.0	-1.0
45	4600.0	1.0	-1.0	-0.03125	-1.0	-1.0
46	4700.0	1.0	-1.0	-0.03125	-1.0	-1.0
47	4800.0	1.0	-1.0	-0.03125	-1.0	-1.0
48	4900.0	1.0	-1.0	-0.03125	-1.0	-1.0
49	5000.0	0.1	-1.0	-0.03125	-1.0	-1.0
50	5100.0	0.1	-1.0	-0.03125	-1.0	-1.0
51	5200.0	0.1	-1.0	-0.03125	-1.0	-1.0
52	5300.0	0.1	-1.0	-0.03125	-1.0	-1.0
53	5400.0	0.1	-1.0	-0.03125	-1.0	-1.0
54	5500.0	0.1	-1.0	-0.03125	-1.0	-1.0
55	5600.0	0.1	-1.0	-0.03125	-1.0	-1.0
56	5700.0	0.1	-1.0	-0.03125	-1.0	-1.0
57	5800.0	0.1	-1.0	-0.03125	-1.0	-1.0

58	5900.0	0.1	-1.0	-0.03125	-1.0	-1.0
59	6000.0	0.1	-1.0	-0.03125	-1.0	-1.0
60	6100.0	0.1	-1.0	-0.03125	-1.0	-1.0
61	6200.0	0.1	-1.0	-0.03125	-1.0	-1.0
62	6300.0	0.1	-1.0	-0.03125	-1.0	-1.0
63	6400.0	0.1	-1.0	-0.03125	-1.0	-1.0
64	6500.0	0.1	-1.0	-0.03125	-1.0	-1.0
65	6600.0	0.1	-1.0	-0.03125	-1.0	-1.0
66	6700.0	0.1	-1.0	-0.03125	-1.0	-1.0
67	6800.0	0.1	-1.0	-0.03125	-1.0	-1.0
68	6900.0	0.1	-1.0	-0.03125	-1.0	-1.0
69	7000.0	0.1	-1.0	-0.03125	-1.0	-1.0
70	7100.0	0.1	-1.0	-0.03125	-1.0	-1.0
71	7200.0	0.1	-1.0	-0.03125	-1.0	-1.0
72	7300.0	0.1	-1.0	-0.03125	-1.0	-1.0
73	7400.0	0.1	-1.0	-0.03125	-1.0	-1.0
74	7500.0	0.1	-1.0	-0.03125	-1.0	-1.0
75	7600.0	0.1	-1.0	-0.03125	-1.0	-1.0
76	7700.0	0.1	-1.0	-0.03125	-1.0	-1.0
77	7800.0	0.1	-1.0	-0.03125	-1.0	-1.0
78	7900.0	0.1	-1.0	-0.03125	-1.0	-1.0
79	8000.0	0.1	-1.0	-0.03125	-1.0	-1.0
80	8100.0	0.1	-1.0	-0.03125	-1.0	-1.0
81	8200.0	0.1	-1.0	-0.03125	-1.0	-1.0