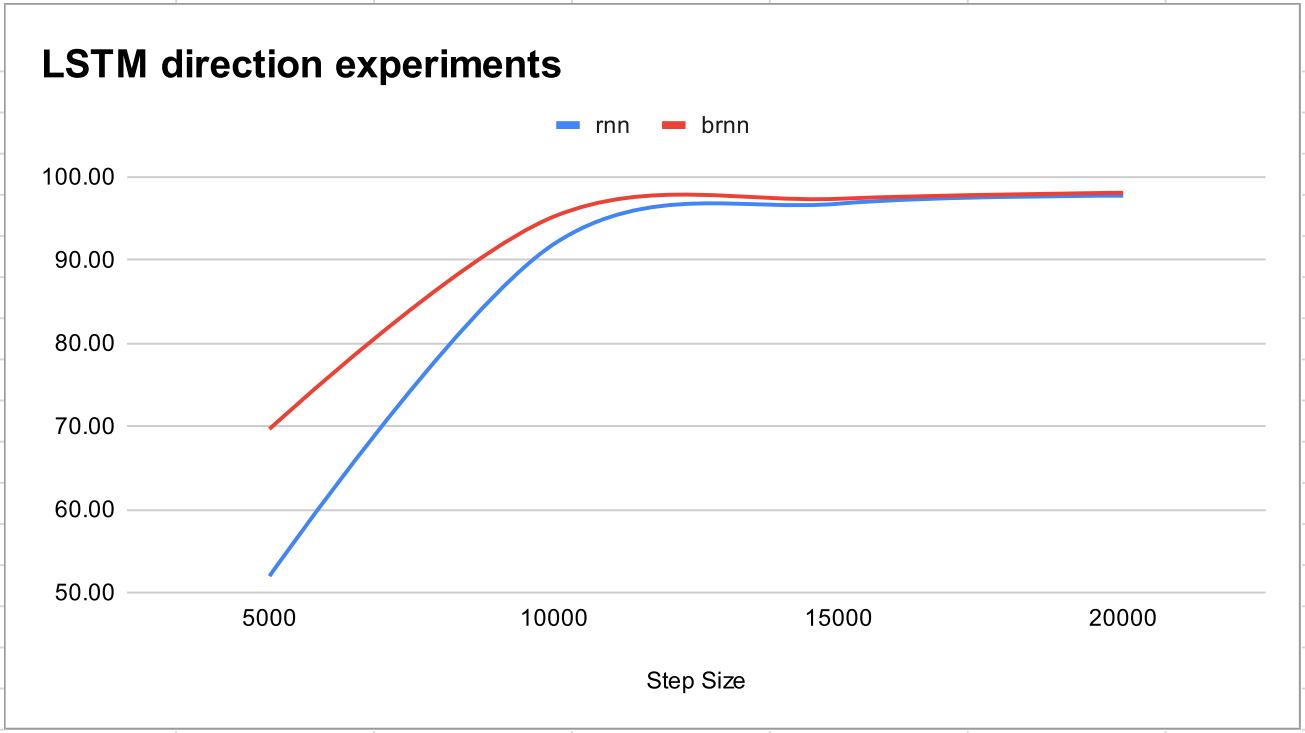
Conclusion:
- Green cells show the highest average accuracy for given step size and hyperparameter. Average accuracy is calculated by taking the accuracies of all other hyperparameters.
- BRNN (Bidirectional LSTM) learns faster and achieves better accuracy than RNN (LSTM).
- 1024 learns faster as well as achieve highest accuracy among other hidden unit sizes i.e 128,256,512,2048.
- After 10000 steps, no impact of embedding size so we can use the minimum size which is 256.
- Up to 10000 steps layer 1 is better. After 10000 steps 2 LSTM layers outperform 1 and 3.

Max average accuarcy	**84.08**	**96.89**	**97.68**	**98.17**	**98.53**	**98.64**	**98.56**	**98.90**	**99.01**	**99.05**	**99.29**	**99.30**	**99.34**	**99.35**	**99.34**	**99.36**	**99.36**	**99.36**	**99.36**	**99.36**
Step Size	**5000**	**10000**	**15000**	**20000**	**25000**	**30000**	**35000**	**40000**	**45000**	**50000**	**55000**	**60000**	**65000**	**70000**	**75000**	**80000**	**85000**	**90000**	**95000**	**100000**
rnn	51.96	91.92	96.76	97.72	98.23	98.44	98.41	98.76	98.88	98.92	99.22	99.23	99.28	99.29	99.29	99.30	99.30	99.30	99.30	99.30
brnn	69.65	95.22	97.35	98.08	98.43	98.63	98.33	98.87	98.95	99.02	99.27	99.27	99.32	99.33	99.32	99.34	99.34	99.35	99.34	99.34
rnn_size_128	46.49	85.76	95.71	97.43	98.00	98.31	98.08	98.65	98.78	98.83	99.15	99.16	99.23	99.23	99.24	99.25	99.25	99.26	99.25	99.25
rnn_size_256	66.13	94.91	97.10	97.91	98.34	98.53	98.20	98.84	98.92	98.99	99.24	99.26	99.30	99.31	99.30	99.32	99.32	99.32	99.32	99.32
rnn_size_512	79.17	96.51	97.65	98.14	98.50	**98.64**	98.55	98.89	98.95	99.03	99.28	99.27	99.32	99.33	99.32	99.33	99.34	99.34	99.34	99.34
rnn_size_1024	**84.08**	**96.89**	**97.68**	**98.17**	**98.53**	**98.64**	98.43	**98.90**	98.97	99.03	**99.29**	**99.30**	**99.34**	**99.35**	**99.34**	**99.36**	**99.36**	**99.36**	**99.36**	**99.36**
rnn_size_2048	30.41	93.91	97.16	97.86	98.29	98.56	**98.56**	98.81	98.95	98.97	99.26	99.27	99.30	99.32	99.32	99.33	99.34	99.34	99.34	99.34
embed_size_256	63.43	94.49	97.06	97.83	98.30	98.47	98.29	98.79	98.92	98.95	99.24	99.25	99.29	99.31	99.30	99.32	99.32	99.32	99.32	99.32
embed_size_512	55.58	94.56	97.07	97.93	98.29	98.57	98.32	98.83	98.91	98.98	99.24	99.25	99.30	99.30	99.30	99.32	99.32	99.32	99.32	99.31
embed_size_1024	62.58	92.40	97.06	97.92	98.39	98.55	98.37	98.84	98.92	99.00	99.26	99.26	99.31	99.32	99.32	99.33	99.33	99.33	99.34	99.33
embed_size_2048	60.64	92.64	97.02	97.94	98.37	98.56	98.51	98.81	98.93	98.97	99.26	99.25	99.29	99.31	99.31	99.32	99.33	99.32	99.33	99.32
Layers_1	80.25	96.62	97.58	97.89	98.36	98.54	98.40	98.80	98.90	98.90	99.24	99.24	99.28	99.29	99.28	99.30	99.30	99.30	99.30	99.29
Layers_2	62.67	96.05	97.44	98.12	98.50	98.64	98.46	**98.90**	**99.01**	**99.05**	**99.29**	99.29	**99.34**	**99.35**	**99.34**	**99.36**	**99.36**	**99.36**	**99.36**	**99.36**
Layers_3	39.50	88.05	96.15	97.69	98.14	98.43	98.24	98.75	98.84	98.96	99.21	99.22	99.28	99.29	99.29	99.30	99.31	99.31	99.31	99.31

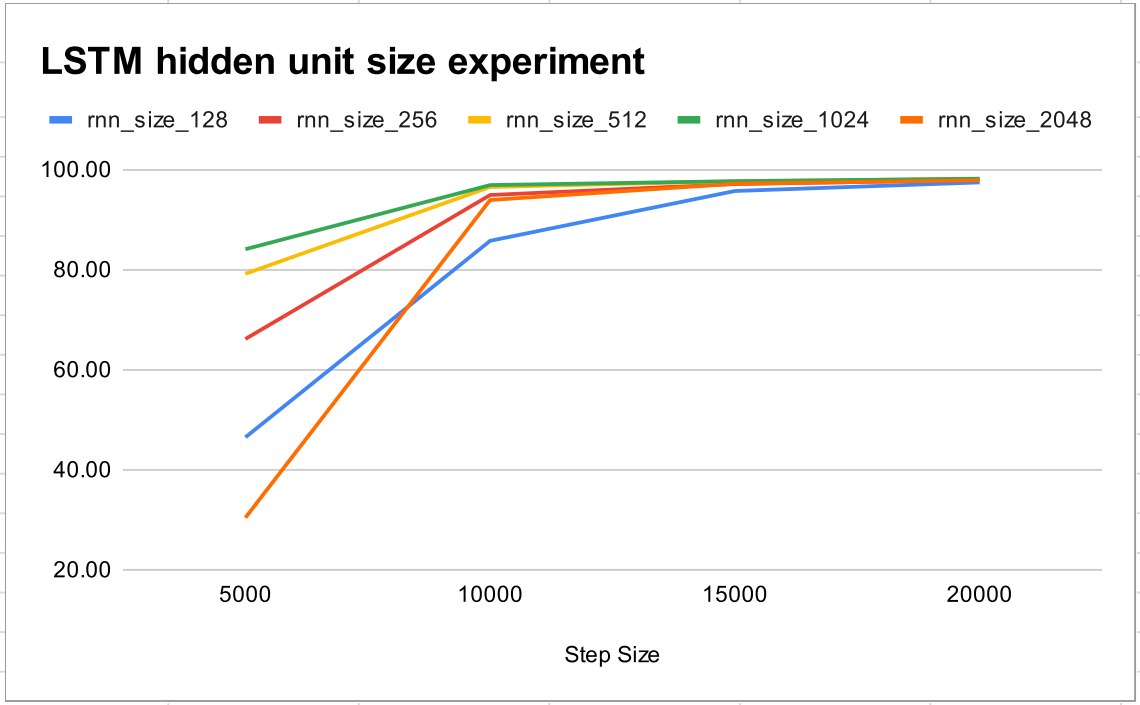
Conclusion:
- BRNN (Bidirectional LSTM) learns faster and achieves better accuracy than RNN (LSTM).

Step Size	rnn	brnn
5000	51.96	69.65
10000	91.92	95.22
15000	96.76	97.35
20000	97.72	98.08
25000	98.23	98.43
30000	98.44	98.63
35000	98.41	98.33
40000	98.76	98.87
45000	98.88	98.95
50000	98.92	99.02
55000	99.22	99.27
60000	99.23	99.27
65000	99.28	99.32
70000	99.29	99.33
75000	99.29	99.32
80000	99.30	99.34
85000	99.30	99.34
90000	99.30	99.35
95000	99.30	99.34
100000	99.30	99.34



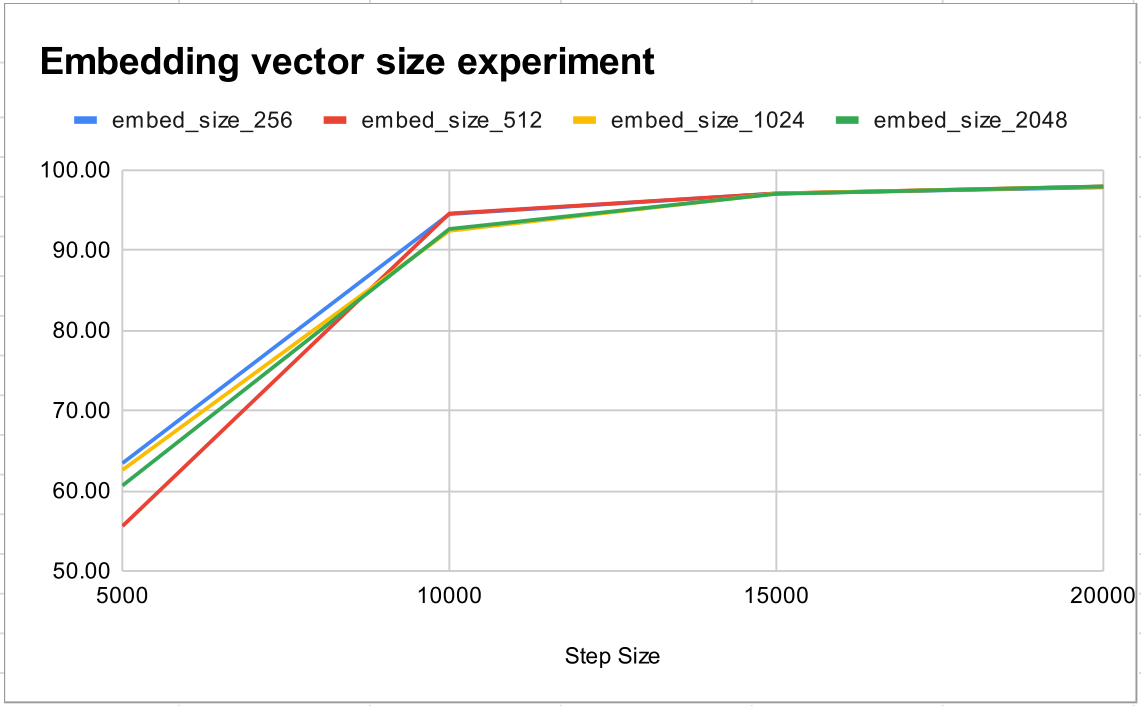
Conclusion :
- 1024 learns faster as well as achieve highest accuracy among other hidden unit sizes i.e 128,256,512,2048.

Step Size	rnn_size_128	rnn_size_256	rnn_size_512	rnn_size_1024	rnn_size_2048
5000	46.49	66.13	79.17	**84.08**	30.41
10000	85.76	94.91	96.51	**96.89**	93.91
15000	95.71	97.10	97.65	**97.68**	97.16
20000	97.43	97.91	98.14	**98.17**	97.86
25000	98.00	98.34	98.50	**98.53**	98.29
30000	98.31	98.53	**98.64**	**98.64**	98.56
35000	98.08	98.20	98.55	98.43	**98.56**
40000	98.65	98.84	98.89	**98.90**	98.81
45000	98.78	98.92	98.95	98.97	98.95
50000	98.83	98.99	99.03	99.03	98.97
55000	99.15	99.24	99.28	**99.29**	99.26
60000	99.16	99.26	99.27	**99.30**	99.27
65000	99.23	99.30	99.32	**99.34**	99.30
70000	99.23	99.31	99.33	**99.35**	99.32
75000	99.24	99.30	99.32	**99.34**	99.32
80000	99.25	99.32	99.33	**99.36**	99.33
85000	99.25	99.32	99.34	**99.36**	99.34
90000	99.26	99.32	99.34	**99.36**	99.34
95000	99.25	99.32	99.34	**99.36**	99.34
100000	99.25	99.32	99.34	**99.36**	99.34



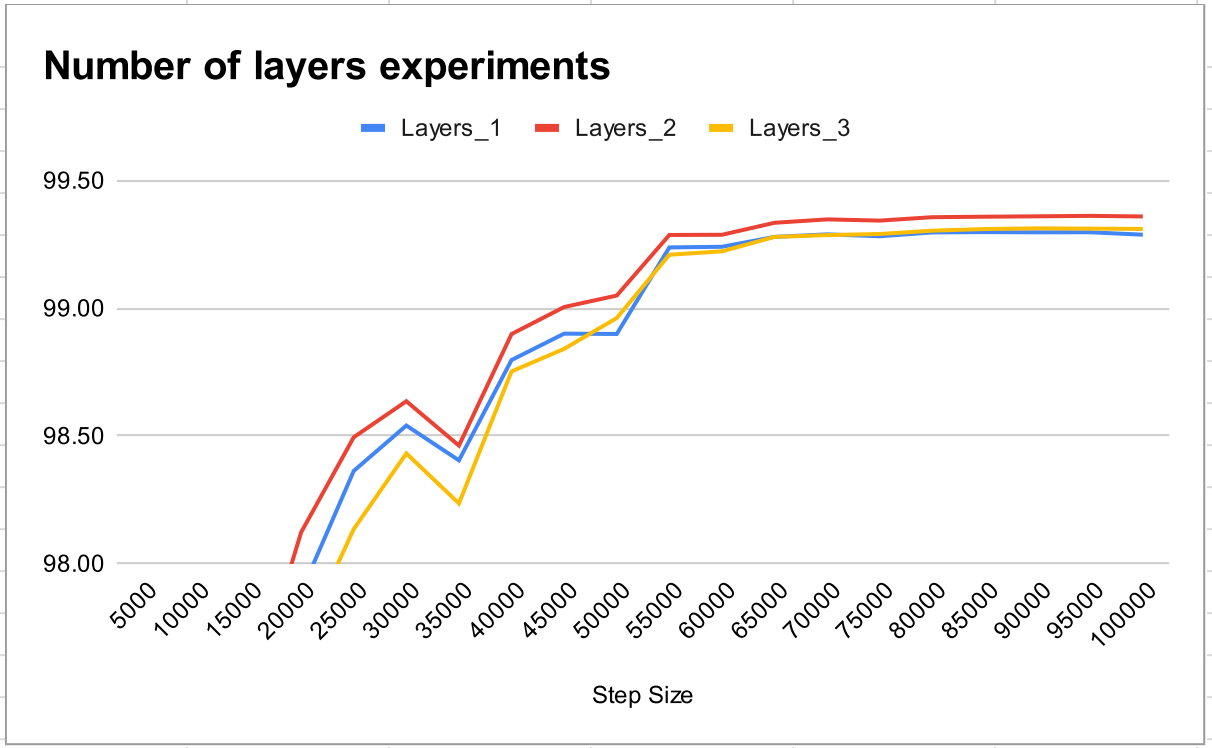
Conclusion :
- After 10000 steps, no impact of embedding size so we can use the minimum size which is 256.

Step Size	embed_size_256	embed_size_512	embed_size_1024	embed_size_2048
5000	63.43	55.58	62.58	60.64
10000	94.49	94.56	92.40	92.64
15000	97.06	97.07	97.06	97.02
20000	97.83	97.93	97.92	97.94
25000	98.30	98.29	98.39	98.37
30000	98.47	98.57	98.55	98.56
35000	98.29	98.32	98.37	98.51
40000	98.79	98.83	98.84	98.81
45000	98.92	98.91	98.92	98.93
50000	98.95	98.98	99.00	98.97
55000	99.24	99.24	99.26	99.26
60000	99.25	99.25	99.26	99.25
65000	99.29	99.30	99.31	99.29
70000	99.31	99.30	99.32	99.31
75000	99.30	99.30	99.32	99.31
80000	99.32	99.32	99.33	99.32
85000	99.32	99.32	99.33	99.33
90000	99.32	99.32	99.33	99.32
95000	99.32	99.32	99.34	99.33
100000	99.32	99.31	99.33	99.32



Conclusion :
- Up to 10000 steps layer 1 is better.
- After 10000 steps 2 LSTM layers outperform 1 and 3.

Step Size	Layers_1	Layers_2	Layers_3
5000	80.25	62.67	39.50
10000	96.62	96.05	88.05
15000	97.58	97.44	96.15
20000	97.89	98.12	97.69
25000	98.36	98.50	98.14
30000	98.54	98.64	98.43
35000	98.40	98.46	98.24
40000	98.80	**98.90**	98.75
45000	98.90	**99.01**	98.84
50000	98.90	**99.05**	98.96
55000	99.24	**99.29**	99.21
60000	99.24	99.29	99.22
65000	99.28	**99.34**	99.28
70000	99.29	**99.35**	99.29
75000	99.28	**99.34**	99.29
80000	99.30	**99.36**	99.30
85000	99.30	**99.36**	99.31
90000	99.30	**99.36**	99.31
95000	99.30	**99.36**	99.31
100000	99.29	**99.36**	99.31



Overall_ max	99.44																													
Max					**92.92**	**97.77**	**98.24**	**98.71**	**98.92**	**98.96**	**99.03**	**99.12**	**99.18**	**99.21**	**99.36**	**99.37**	**99.41**	**99.42**	**99.41**	**99.43**	**99.44**	**99.44**	**99.43**	**99.43**	**100,000.00**	**9,932.00**	**608,887,033.00**	**46.00**	**584.00**	**142.00**	**166,404.03**
Avg					**60.81**	**93.57**	**97.06**	**97.90**	**98.33**	**98.54**	**98.37**	**98.82**	**98.92**	**98.97**	**99.25**	**99.25**	**99.30**	**99.31**	**99.31**	**99.32**	**99.32**	**99.32**	**99.32**	**99.32**	**89,583.33**	**181.27**	**48,016,471.91**	**12.71**	**248.08**	**100.80**	**47,583.37**
Experiment count	**RNN direction**	**RNN size**	**Word embedding size**	**number of LSTM layers**	**5000**	**10000**	**15000**	**20000**	**25000**	**30000**	**35000**	**40000**	**45000**	**50000**	**55000**	**60000**	**65000**	**70000**	**75000**	**80000**	**85000**	**90000**	**95000**	**100000**	**best accuracy on steps**	**Best accuracy**	**number of params**	**Time to train (in Hours)**	**Inference time in secs**	**Inference throughput**	**Training time in secs**
1	brnn	2048	2048	3	14.68	92.81	97.21	97.94	98.39	98.65	98.96	99.07	99.02	99.13	99.36	99.35	99.39	99.36	99.40	99.39	99.41	99.39	99.40	99.40	85000	99.41	198547449	43	584	38	155898.6773
2	brnn	2048	2048	2	36.06	96.55	97.46	98.08	98.42	98.68	98.76	98.89	99.03	99.04	99.31	99.31	99.32	99.34	99.36	99.36	99.36	99.37	99.36	99.36	90000	99.36	139794425	31	513	43	111853.8723
3	brnn	2048	2048	1	65.45	96.44	96.81	98.22	98.53	98.54	98.51	98.83	98.91	98.84	99.22	99.14	99.25	99.28	99.28	99.30	99.32	99.30	99.32	99.28	85000	99.32	81041401	19	327	67	69073.17777
4	brnn	1024	2048	3	85.69	97.18	98.01	98.50	98.72	98.95	98.68	99.06	99.01	99.11	99.31	99.36	99.39	99.42	99.40	99.43	99.44	99.43	99.43	99.41	95000	99.43	58913785	18	282	78	66515.48445
5	brnn	1024	2048	2	91.13	97.77	98.24	98.40	98.57	98.96	98.43	98.95	99.08	99.08	99.33	99.35	99.41	99.42	99.40	99.43	99.44	99.43	99.42	99.42	85000	99.43	44217337	14	242	91	51245.07664
6	brnn	1024	2048	1	90.20	97.01	97.65	97.81	98.59	98.75	98.70	98.69	98.82	98.88	99.34	99.37	99.37	99.40	99.41	99.37	99.39	99.41	99.40	99.42	100000	99.42	29520889	9	215	102	35913.51829
7	brnn	512	2048	3	86.01	96.07	97.36	98.26	98.63	98.58	98.36	99.00	98.95	99.12	99.32	99.29	99.32	99.35	99.36	99.37	99.38	99.38	99.38	99.37	90000	99.37	21340665	10	215	102	37978.01025
8	brnn	512	2048	2	90.73	97.72	98.10	98.71	98.71	98.81	99.03	99.12	99.06	99.11	99.31	99.28	99.36	99.38	99.35	99.38	99.37	99.39	99.40	99.38	95000	99.4	17662457	8	192	115	31104.905
9	brnn	512	2048	1	91.96	97.60	98.16	98.32	98.80	98.79	98.90	98.98	99.14	99.09	99.35	99.26	99.28	99.33	99.29	99.33	99.32	99.33	99.33	99.30	80000	99.33	13984249	6	180	122	23645.19003
10	brnn	256	2048	3	53.55	95.56	97.00	97.97	98.17	98.67	96.32	98.83	98.92	99.02	99.27	99.29	99.32	99.33	99.33	99.35	99.34	99.35	99.34	99.35	100000	99.34	10615033	8	189	116	29244.00456
11	brnn	256	2048	2	82.66	97.43	98.17	98.49	98.59	98.78	98.94	99.02	99.02	99.13	99.30	99.32	99.36	99.40	99.37	99.39	99.39	99.39	99.40	99.38	95000	99.39	9693433	6	183	120	24455.1547
12	brnn	256	2048	1	91.47	97.64	97.94	97.98	98.65	98.56	98.65	98.92	99.01	99.12	99.29	99.35	99.36	99.37	99.36	99.36	99.38	99.37	99.34	99.37	85000	99.38	8771833	5	171	129	19245.45015
13	brnn	128	2048	3	20.43	84.72	94.86	97.50	97.78	98.28	98.29	98.58	98.64	98.95	99.13	99.19	99.16	99.22	99.23	99.22	99.26	99.24	99.26	99.26	100000	99.26	7267449	7	187	118	28141.5762
14	brnn	128	2048	2	37.26	95.16	97.09	98.29	98.37	98.54	98.74	98.78	98.88	98.99	99.25	99.24	99.31	99.31	99.31	99.34	99.33	99.34	99.34	99.33	90000	99.33	7036025	6	193	114	23931.2088
15	brnn	128	2048	1	87.12	95.37	97.60	97.84	98.33	98.22	98.67	98.76	98.80	98.81	99.14	99.10	99.23	99.24	99.19	99.25	99.25	99.24	99.27	99.25	95000	99.26	6804601	5	177	124	18591.8534
101	rnn	2048	2048	3	21.87	93.58	97.06	97.65	98.30	98.54	98.50	98.74	98.85	98.93	99.22	99.18	99.26	99.29	99.29	99.31	99.30	99.30	99.31	99.30	95000	99.3	223713273	46	550	40	166404.0336
102	rnn	2048	2048	2	9.19	94.33	97.21	98.08	98.46	98.01	98.33	98.74	99.08	99.03	99.30	99.28	99.30	99.35	99.33	99.35	99.35	99.36	99.34	99.35	100000	99.35	156571641	33	441	50	119209.7753
103	rnn	2048	2048	1	18.76	95.25	97.01	97.48	98.11	98.59	98.33	98.47	98.98	98.74	99.19	99.18	99.21	99.25	99.20	99.20	99.22	99.21	99.23	99.22	95000	99.23	89430009	20	334	66	72970.62966
104	rnn	1024	2048	3	76.27	96.08	97.58	98.30	98.27	98.60	98.83	98.67	98.94	98.99	99.25	99.30	99.32	99.31	99.34	99.35	99.37	99.39	99.40	99.37	95000	99.37	65205241	17	272	81	62719.5521
105	rnn	1024	2048	2	78.72	97.26	97.80	98.36	98.61	98.38	98.79	98.97	99.18	99.19	99.35	99.33	99.38	99.40	99.40	99.42	99.42	99.42	99.43	99.42	95000	99.42	48411641	13	243	91	48773.7203
106	rnn	1024	2048	1	90.62	96.31	97.27	97.97	98.45	98.77	98.66	98.84	98.86	98.80	99.33	99.29	99.28	99.30	99.31	99.31	99.33	99.30	99.31	99.30	95000	99.31	31618041	9	240	92	35417.9312
107	rnn	512	2048	3	58.42	95.48	97.28	97.59	98.33	98.76	98.90	98.76	98.91	98.94	99.23	99.25	99.24	99.29	99.31	99.29	99.30	99.30	99.30	99.30	95000	99.28	22913529	9	203	108	35231.1785
108	rnn	512	2048	2	82.63	96.18	97.61	97.90	98.58	98.77	98.79	98.94	99.02	99.08	99.31	99.24	99.32	99.34	99.32	99.33	99.33	99.34	99.34	99.34	95000	99.34	18711033	8	195	113	28811.5212
109	rnn	512	2048	1	88.26	96.50	97.70	97.82	98.43	98.52	98.65	98.52	98.83	98.84	99.31	99.21	99.21	99.20	99.21	99.21	99.24	99.24	99.23	99.21	90000	99.24	14508537	6	182	121	22525.37493
110	rnn	256	2048	3	0.00	86.27	96.34	97.47	98.09	98.41	98.38	98.77	98.84	98.98	99.21	99.17	99.24	99.28	99.23	99.27	99.27	99.29	99.29	99.27	95000	99.29	11008249	7	177	124	26877.35746
111	rnn	256	2048	2	59.01	95.89	97.22	98.03	98.50	98.63	98.49	98.88	98.93	99.05	99.26	99.28	99.32	99.33	99.33	99.33	99.34	99.34	99.34	99.34	90000	99.34	9955577	7	169	130	26547
112	rnn	256	2048	1	91.18	96.86	96.91	97.90	98.27	98.59	98.50	98.97	99.02	98.84	99.25	99.20	99.28	99.27	99.24	99.26	99.27	99.27	99.27	99.29	100000	99.29	8902905	5	170	129	21351
113	rnn	128	2048	3	12.29	15.22	88.03	96.50	97.54	97.84	97.82	98.55	98.71	98.80	99.08	99.13	99.18	99.21	99.23	99.22	99.24	99.25	99.24	99.25	90000	99.25	7365753	6	181	122	24654
114	rnn	128	2048	2	25.36	93.26	97.02	97.05	98.31	98.54	98.38	98.63	98.90	98.86	99.19	99.20	99.27	99.27	99.30	99.28	99.29	99.28	99.28	99.29	75000	99.3	7101561	6	159	138	23985
115	rnn	128	2048	1	82.15	95.58	96.74	97.78	97.51	98.25	98.13	98.37	98.65	98.73	99.06	99.11	99.12	99.13	99.11	99.12	99.12	99.12	99.13	99.07	70000	99.13	6837369	4	165	133	17896
201	brnn	2048	1024	3	17.52	74.03	95.59	97.67	97.71	98.60	98.83	98.77	98.89	98.98	99.25	99.27	99.31	99.32	99.33	99.34	99.33	99.34	99.34	99.34	100000	99.33	190034937	42	558	39	152848.0838
202	brnn	2048	1024	2	70.13	96.69	97.80	97.98	98.54	98.73	98.85	98.97	99.10	99.15	99.32	99.33	99.39	99.38	99.39	99.40	99.38	99.40	99.38	99.40	80000	99.39	131281913	30	452	49	108900.8126
203	brnn	2048	1024	1	67.28	96.31	97.50	98.24	98.52	98.65	98.60	98.93	98.98	99.06	99.33	99.33	99.36	99.33	99.34	99.37	99.38	99.37	99.38	99.35	95000	99.38	72528889	18	326	67	65784.22267
204	brnn	1024	1024	3	89.76	97.15	97.85	98.25	98.48	98.70	98.52	98.80	98.93	99.00	99.25	99.22	99.28	99.27	99.27	99.31	99.30	99.30	99.32	99.29	80000	99.31	190034937	18	270	81	65321.0301
205	brnn	1024	1024	2	89.43	97.57	97.00	98.17	98.55	98.88	98.42	99.05	99.04	99.21	99.35	99.37	99.41	99.42	99.41	99.43	99.43	99.44	99.43	99.43	90000	99.43	39899129	13	247	89	49529.5487
206	brnn	1024	1024	1	89.68	97.05	97.55	98.02	98.67	98.65	97.93	98.82	99.05	98.99	99.27	99.25	99.30	99.29	99.29	99.30	99.30	99.33	99.33	99.32	95000	99.32	25202681	9	220	100	34273.56698
207	brnn	512	1024	3	73.71	96.16	98.02	98.38	98.49	98.72	98.04	98.96	98.92	99.13	99.33	99.32	99.37	99.37	99.37	99.39	99.38	99.39	99.38	99.39	100000	99.38	19119609	10	224	98	37907.1184
208	brnn	512	1024	2	91.05	97.63	98.22	98.51	98.92	98.75	98.25	98.98	99.14	99.16	99.35	99.34	99.39	99.40	99.38	99.40	99.40	99.41	99.41	99.40	95000	99.41	15441401	8	205	107	30973.6959
209	brnn	512	1024	1	92.92	97.54	97.73	98.23	98.54	98.73	98.32	98.91	99.04	99.03	99.35	99.31	99.38	99.33	99.36	99.36	99.37	99.36	99.36	99.37	65000	99.37	11763193	6	194	113	23818.36
210	brnn	256	1024	3	62.31	94.77	97.05	97.88	98.24	98.64	98.75	98.78	98.86	98.86	99.21	99.22	99.31	99.27	99.28	99.29	99.29	99.28	99.29	99.30	100000	99.3	9442553	8	208	106	30352.0157
211	brnn	256	1024	2	84.34	96.55	97.66	98.28	98.67	98.76	97.14	99.09	99.09	99.14	99.32	99.33	99.35	99.38	99.37	99.38	99.39	99.38	99.40	99.39	95000	99.39	8520952	6	202	109	25168.01488
212	brnn	256	1024	1	90.92	96.69	97.78	98.02	98.41	98.51	97.38	98.86	99.00	99.06	99.32	99.32	99.34	99.36	99.34	99.37	99.36	99.37	99.36	99.36	95000	99.36	7599353	5	177	124	20525.9317
213	brnn	128	1024	3	20.61	83.90	94.72	97.09	97.81	98.25	97.56	98.59	98.68	98.81	99.11	99.10	99.20	99.19	99.21	99.24	99.25	99.27	99.25	99.27	100000	99.27	6619257	7	186	118	28432.434
214	brnn	128	1024	2	70.25	96.17	97.55	98.18	98.64	98.72	98.75	98.93	98.92	99.03	99.25	99.28	99.31	99.34	99.33	99.33	99.34	99.34	99.34	99.33	90000	99.33	6387833	6	179	123	24122.1411
215	brnn	128	1024	1	80.84	96.33	97.91	98.16	98.55	98.43	98.81	98.72	98.61	98.91	99.22	99.20	99.28	99.28	99.28	99.29	99.29	99.30	99.30	99.28	95000	99.3	6156409	5	159	138	19328.1765
301	rnn	2048	1024	3	6.29	91.33	96.82	97.66	98.35	98.60	98.06	98.84	98.89	98.91	99.20	99.27	99.33	99.32	99.31	99.29	99.33	99.31	99.31	99.31	65000	99.33	215200761	44	578	38	159737.9572
302	rnn	2048	1024	2	2.14	94.83	97.54	97.66	98.28	98.50	98.60	98.76	98.97	99.07	99.31	99.28	99.29	99.32	99.33	99.33	99.33	99.34	99.35	99.34	95000	99.35	148059129	31	506	43	113214.5382
303	rnn	2048	1024	1	18.60	95.80	97.10	97.85	98.06	98.60	98.28	98.89	98.91	98.64	99.18	99.22	99.27	99.29	99.28	99.32	99.30	99.32	99.31	99.30	80000	99.32	80917497	19	328	67	68562.33549
304	rnn	1024	1024	3	80.27	96.84	97.35	98.10	98.48	98.20	98.75	98.81	98.74	98.99	99.30	99.23	99.35	99.33	99.34	99.32	99.29	99.35	99.32	99.34	100000	99.33	608887033	16	276	80	59577.7949
305	rnn	1024	1024	2	88.82	96.79	97.62	97.79	98.78	98.60	98.75	98.93	99.11	99.06	99.28	99.32	99.34	99.37	99.36	99.38	99.36	99.38	99.38	99.39	100000	99.39	44093433	12	251	88	45515.51198
306	rnn	1024	1024	1	92.32	97.35	97.76	97.92	98.53	98.62	98.19	98.86	98.88	98.95	99.22	99.29	99.29	99.33	99.33	99.34	99.34	99.35	99.35	99.35	90000	99.35	27299833	9	217	101	32522.9858
307	rnn	512	1024	3	63.31	95.89	97.12	97.91	98.16	98.43	98.33	98.67	98.79	98.82	99.18	99.18	99.25	99.20	99.26	99.24	99.27	99.29	99.28	99.29	100000	99.28	20692473	9	204	108	33349.1649
308	rnn	512	1024	2	84.86	96.45	97.75	98.37	98.45	98.75	98.54	99.04	99.03	99.06	99.26	99.28	99.34	99.37	99.37	99.38	99.38	99.37	99.38	99.38	100000	99.38	16489977	7	192	115	27463.2857

309	rnn	512	1024	1	86.47	96.84	97.55	98.02	98.54	98.61	98.60	98.74	98.83	99.07	99.26	99.29	99.33	99.31	99.30	99.28	99.30	99.29	99.28	99.28	65000	99.33	12287481	6	179	123	22546.971
310	rnn	256	1024	3	36.20	93.80	96.17	97.84	98.07	98.34	97.83	98.68	98.90	98.92	99.16	99.14	99.24	99.24	99.22	99.26	99.26	99.27	99.27	99.26	90000	99.27	9835769	7	179	123	28355.8428
311	rnn	256	1024	2	20.97	93.84	97.31	98.18	98.47	98.58	98.86	98.91	98.75	98.97	99.32	99.30	99.32	99.33	99.32	99.33	99.35	99.34	99.36	99.36	95000	99.36	8783097	6	177	124	23312.6503
312	rnn	256	1024	1	87.87	97.06	97.62	97.82	98.47	98.23	98.48	98.81	98.90	98.96	99.29	99.24	99.29	99.28	99.29	99.32	99.32	99.30	99.31	99.31	95000	99.31	7730425	5	174	126	20179.4058
313	rnn	128	1024	3	16.80	25.40	90.20	95.96	97.47	97.75	98.18	98.55	98.56	98.81	98.98	99.03	99.14	99.12	99.15	99.17	99.18	99.19	99.18	99.17	90000	99.17	6717561	7	179	123	25807.5439
314	rnn	128	1024	2	22.67	92.32	96.53	97.69	98.09	98.31	98.66	98.53	98.96	98.82	99.16	99.18	99.23	99.29	99.27	99.30	99.28	99.27	99.28	99.27	95000	99.28	6453369	6	170	129	22046.21437
315	rnn	128	1024	1	85.29	96.93	97.63	97.40	97.95	98.45	97.88	98.67	98.61	98.61	99.09	99.17	99.24	99.21	99.22	99.24	99.21	99.22	99.22	99.21	90000	99.22	6189177	5	183	120	18826.4057
401	brnn	2048	512	3	0.00	93.94	96.58	98.00	98.42	98.76	98.58	98.98	98.90	99.14	99.29	99.31	99.36	99.37	99.37	99.40	99.40	99.40	99.40	99.39	80000	99.4	185778681	41	543	41	150409.6986
402	brnn	2048	512	2	28.31	96.23	97.76	98.47	98.47	98.69	98.84	98.99	99.10	99.09	99.34	99.35	99.39	99.40	99.40	99.41	99.42	99.42	99.42	99.41	90000	99.42	127025657	29	422	52	107677.1856
403	brnn	2048	512	1	34.31	95.54	97.21	97.76	98.06	98.61	98.78	98.84	98.95	98.83	99.20	99.20	99.25	99.31	99.29	99.32	99.32	99.32	99.31	99.29	80000	99.32	68272633	17	325	68	64042
404	brnn	1024	512	3	87.47	96.32	97.51	97.92	98.37	98.50	98.55	98.77	98.92	99.03	99.23	99.26	99.26	99.25	99.25	99.26	99.27	99.28	99.25	99.28	100000	99.27	52436473	18	282	78	66939
405	brnn	1024	512	2	91.78	97.43	97.75	98.51	98.79	98.74	98.90	98.96	99.06	99.16	99.31	99.35	99.39	99.38	99.37	99.39	99.39	99.40	99.39	99.39	85000	99.35	37740025	14	248	89	50655.2431
406	brnn	1024	512	1	90.27	97.29	97.93	98.24	98.57	98.77	97.92	98.90	99.04	99.12	99.35	99.37	99.40	99.39	99.38	99.40	99.40	99.40	99.40	99.40	90000	99.4	23043577	9	209	105	33717.4345
407	brnn	512	1024	3	79.77	96.48	97.58	97.70	98.43	98.59	98.85	98.96	98.88	99.13	99.29	99.32	99.34	99.35	99.34	99.36	99.37	99.37	99.37	99.36	90000	99.37	18009081	10	206	107	38559.712
408	brnn	512	512	2	91.46	97.20	97.82	98.10	98.61	98.83	98.52	98.96	99.09	99.13	99.32	99.31	99.35	99.36	99.36	99.40	99.39	99.39	99.40	99.37	80000	99.4	14330873	8	195	113	31003.7721
409	brnn	512	512	1	91.33	97.49	97.98	98.29	98.59	98.62	98.54	98.81	98.81	98.99	99.22	99.20	99.24	99.28	99.27	99.29	99.31	99.30	99.31	99.30	95000	99.3	10652665	6	187	118	23949.7119
410	brnn	256	512	3	48.03	94.41	96.47	97.73	98.19	98.40	98.22	98.77	98.78	98.91	99.17	99.21	99.26	99.28	99.27	99.30	99.29	99.29	99.29	99.28	95000	99.29	8856313	8	199	111	29758.62
411	brnn	256	512	2	85.03	96.24	97.13	98.09	98.31	98.77	98.62	99.04	99.09	99.15	99.32	99.33	99.36	99.36	99.36	99.37	99.38	99.37	99.37	99.36	85000	99.39	7934713	6	192	115	24933.4759
412	brnn	256	512	1	90.59	96.83	97.24	97.94	98.58	98.70	98.76	98.77	98.97	99.00	99.26	99.28	99.32	99.27	99.29	99.29	99.27	99.30	99.28	99.24	90000	99.29	6295161	5	188	117	20397.9079
413	brnn	128	512	3	17.09	88.11	95.67	97.17	98.02	98.49	98.41	98.62	98.82	98.94	99.17	99.18	99.26	99.25	99.27	99.27	99.27	99.29	99.27	99.29	75000	99.26	6295161	7	190	116	27922.681
414	brnn	128	512	2	52.45	94.87	97.07	97.74	97.92	98.26	94.56	98.66	98.96	98.80	99.23	99.18	99.30	99.27	99.31	99.32	99.32	99.32	99.32	99.32	90000	99.32	6063737	6	175	126	23791.79
415	brnn	128	512	1	78.43	96.85	97.67	97.92	98.45	98.37	98.55	98.82	98.91	98.87	99.12	99.15	99.17	99.17	99.17	99.16	99.18	99.18	99.18	99.16	85000	99.18	5832313	5	164	134	19606.81
501	rnn	2048	512	3	0.00	88.89	96.70	97.64	98.14	98.62	98.60	98.81	98.90	99.00	99.23	99.22	99.29	99.29	99.29	99.30	99.31	99.31	99.32	99.29	95000	99.32	210944505	45	542	41	163188.5118
502	rnn	2048	512	2	0.00	93.72	96.93	97.83	98.50	98.83	98.74	98.99	98.89	99.08	99.31	99.25	99.28	99.30	99.30	99.28	99.32	99.32	99.31	99.32	100000	99.32	143802873	31	445	49	114506.8165
503	rnn	2048	512	1	33.70	94.61	97.62	97.68	97.99	98.62	98.39	98.73	98.87	98.97	99.17	99.20	99.27	99.31	99.31	99.31	99.32	99.32	99.32	99.31	95000	99.32	76661241	19	329	67	68672.48521
504	rnn	1024	512	3	32.58	95.27	97.24	98.32	97.67	98.44	98.00	98.83	98.85	99.12	99.32	99.32	99.39	99.36	99.36	99.40	99.41	99.39	99.39	99.38	95000	99.41	58727929	16	272	81	60582.1913
505	rnn	1024	512	2	89.97	97.18	97.96	98.37	98.55	98.70	97.83	98.97	99.06	99.01	99.26	99.26	99.33	99.34	99.31	99.30	99.32	99.32	99.32	99.32	70000	99.34	41934329	12	244	90	45762.14251
506	rnn	1024	512	1	89.84	96.93	97.92	98.18	98.60	98.65	98.70	98.84	98.82	98.92	99.26	99.23	99.32	99.32	99.30	99.32	99.32	99.26	99.26	99.30	65000	99.31	25140729	9	214	103	33068.4345
507	rnn	512	512	3	13.32	94.64	97.23	97.89	98.04	98.58	98.60	98.84	99.00	99.07	99.21	99.27	99.34	99.34	99.33	99.33	99.35	99.35	99.35	99.34	95000	99.35	19581945	9	202	109	33506.3611
508	rnn	512	512	2	81.42	97.02	98.11	98.25	98.52	98.86	98.51	99.03	99.02	99.09	99.32	99.34	99.40	99.39	99.38	99.40	99.40	99.38	99.39	99.41	100000	99.41	15379449	7	189	116	26881.90755
509	rnn	512	512	1	86.74	94.87	97.44	97.65	98.41	98.27	98.62	98.85	98.71	98.99	99.25	99.22	99.28	99.28	99.27	99.31	99.30	99.30	99.30	99.29	80000	99.3	11176953	6	182	121	22081.43249
510	rnn	256	512	3	17.27	90.30	96.43	97.70	97.72	98.21	98.40	98.69	98.80	98.90	99.18	99.18	99.23	99.27	99.27	99.27	99.29	99.28	99.28	99.28	85000	99.28	9249529	7	180	122	27222.94841
511	rnn	256	512	2	74.81	96.12	96.71	98.07	98.48	98.62	98.37	98.88	98.92	99.02	99.23	99.24	99.32	99.30	99.30	99.32	99.31	99.32	99.35	99.34	95000	99.34	8196857	6	172	128	22343.4074
512	rnn	256	512	1	88.71	96.96	97.55	98.02	98.58	98.54	98.28	98.91	98.82	98.94	99.16	99.25	99.29	99.29	99.30	99.29	99.29	99.31	99.30	99.30	90000	99.3	7144185	5	168	131	19735.4032
513	rnn	128	512	3	8.31	77.13	91.75	97.03	97.57	98.02	98.40	98.57	98.57	98.81	99.01	99.12	99.19	99.18	99.21	99.22	99.20	99.20	99.20	99.21	80000	99.22	6393456	7	174	126	25401.9626
514	rnn	128	512	2	23.64	93.79	96.20	97.63	98.32	98.65	97.80	98.80	98.88	98.88	99.24	99.22	99.31	99.29	99.29	99.31	99.32	99.32	99.32	99.32	90000	99.32	6129273	5	163	135	21425.16143
515	rnn	128	512	1	84.85	96.18	97.40	97.82	97.89	98.34	98.16	98.47	98.86	98.39	99.17	99.20	99.21	99.24	99.22	99.25	99.23	99.21	99.21	99.21	70000	99.24	5865081	5	166	133	18940.3761
601	brnn	2048	256	3	21.63	93.86	96.94	97.92	98.41	98.48	98.77	98.92	98.87	99.08	99.31	99.33	99.35	99.37	99.35	99.37	99.38	99.38	99.38	99.37	85000	99.38	183650553	41	537	41	150838.4499
602	brnn	2048	256	2	56.33	95.56	97.50	98.38	98.57	98.62	98.45	98.35	99.04	99.14	99.32	99.33	99.36	99.38	99.37	99.40	99.40	99.41	99.41	99.39	95000	99.41	124897529	29	421	52	107737.2759
603	brnn	2048	256	1	80.37	96.82	97.94	98.03	98.46	98.55	98.31	98.99	98.90	98.78	99.23	99.32	99.32	99.30	99.28	99.34	99.34	99.35	99.34	99.34	90000	99.35	66144505	17	312	71	64133.52252
604	brnn	1024	256	3	86.95	95.59	97.39	98.26	98.61	98.82	96.95	98.96	98.97	98.91	99.24	99.29	99.32	99.33	99.32	99.34	99.35	99.35	99.34	99.35	90000	99.35	51356921	18	275	80	66403.61932
605	brnn	1024	256	2	87.24	97.07	97.71	98.45	98.61	98.75	98.78	99.01	98.95	99.02	99.25	99.26	99.33	99.33	99.31	99.35	99.35	99.36	99.36	99.34	95000	99.36	36660473	13	240	92	49723.65248
606	brnn	1024	256	1	91.94	97.47	98.16	98.24	98.60	98.82	98.84	99.09	99.07	99.09	99.34	99.31	99.37	99.36	99.37	99.39	99.37	99.37	99.38	99.38	90000	99.38	21964025	9	208	106	33627.0677
607	brnn	512	256	3	85.75	96.50	97.63	98.13	98.48	98.64	97.78	98.74	98.79	99.00	99.22	99.28	99.32	99.30	99.29	99.29	99.32	99.32	99.33	99.32	95000	99.32	17453817	10	207	106	39354.0309
608	brnn	512	256	2	91.73	97.43	97.74	98.61	98.45	98.78	98.71	99.06	98.98	99.10	99.35	99.36	99.37	99.37	99.38	99.39	99.39	99.39	99.39	99.39	90000	99.39	13775609	8	199	111	31645.9633
609	brnn	512	256	1	91.75	96.65	97.84	98.01	98.46	98.68	98.62	98.98	98.96	99.13	99.23	99.28	99.34	99.36	99.35	99.34	99.33	99.32	99.32	99.31	70000	99.35	10097401	6	184	120	24593.6462
610	brnn	256	256	3	61.91	94.98	96.61	98.06	98.21	98.48	96.56	98.78	98.89	98.94	99.20	99.26	99.28	99.30	99.31	99.33	99.33	99.31	99.30	99.32	80000	99.32	8563193	8	193	114	29928.9264
611	brnn	256	256	2	82.75	96.30	97.32	97.97	98.38	98.66	98.65	98.95	99.03	99.10	99.25	99.29	99.32	99.35	99.33	99.35	99.35	99.36	99.35	99.35	90000	99.36	7641593	7	190	116	25601.751
612	brnn	256	256	1	90.40	97.26	97.78	98.11	98.51	98.68	97.90	98.77	99.09	98.81	99.29	99.28	99.33	99.33	99.31	99.33	99.32	99.33	99.33	99.33	90000	99.33	6719993	5	180	122	20865.4567
613	brnn	128	256	3	14.03	80.66	94.46	97.18	97.48	98.06	97.49	98.46	98.60	98.86	99.06	99.06	99.13	99.19	99.17	99.23	99.24	99.23	99.22	99.23	95000	99.23	6133113	7	189	116	27777.2969
614	brnn	128	256	2	65.87	95.35	97.40	98.18	98.50	98.63	98.45	98.86	98.89	98.98	99.21	99.24	99.29	99.29	99.31	99.32	99.32	99.33	99.32	99.32	85000	9932	5901689	6	178	124	24256.15134
615	brnn	128	256	1	89.06	96.99	97.69	98.15	98.28	98.53	98.66	98.85	99.00	98.89	99.24	99.15	99.27	99.26	99.27	99.27	99.24	99.26	99.27	99.26	80000	99.26	5311360	5	161	137	19349.36056
701	rnn	2048	256	3	4.41	93.42	96.57	97.49	98.20	98.11	98.62	98.69	98.89	98.86	99.25	99.23	99.28	99.31	99.34	99.35	99.35	99.35	99.36	99.36	100000	99.36	208816377	44	536	41	160634.4558
702	rnn	2048	256	2	20.22	95.63	97.36	98.16	98.40	98.48	98.66	98.78	98.88	99.03	99.26	99.27	99.31	99.34	99.33	99.32	99.33	99.30	99.32	99.32	70000	99.34	141674745	31	430	51	113345.9779
703	rnn	2048	256	1	56.78	95.51	97.29	96.34	97.73	98.29	97.90	98.69	98.87	98.84	99.19	99.27	99.15	99.24	99.22	99.26	99.28	99.27	99.26	99.24	85000	99.28	74533113	18	318	69	67912.70167
704	rnn	1024	256	3	38.12	95.24	97.35	98.14	98.53	98.13	98.50	98.80	98.98	99.07	99.27	99.32	99.36	99.37	99.36	99.37	99.37	99.38	99.38	99.37	85000	99.38	57648377	16	264	83	59319.24899
705	rnn	1024	256	2	89.91	97.42	97.64	98.18	98.43	98.49	98.70	98.90	99.02	99.07	99.30	99.24	99.31	99.32	99.34	99.34	99.34	99.34	99.34	99.34	100000	99.34	40854777	12	229	96	45058.91927
706	rnn	1024	256	1	91.08	97.05	97.90	97.85	98.33	98.44	98.48	98.84	98.98	98.82	99.20	99.22	99.23	99.26	99.27	99.30	99.30	99.32	99.28	99.27	90000	99.31	24061177	8	222	99	31596.7069

707	rnn	512	256	3	28.51	94.98	96.39	98.16	98.46	98.38	98.65	98.60	98.93	98.94	99.27	99.21	99.29	99.31	99.30	99.32	99.34	99.31	99.32	99.31	80000	99.31	19026681	9	201	109	33590.6791
708	rnn	512	256	2	80.87	96.09	97.58	98.40	98.60	98.58	98.77	98.94	99.09	98.98	99.30	99.33	99.33	99.37	99.37	99.38	99.38	99.38	99.38	99.38	100000	99.38	14824185	7	184	120	26844.1401
709	rnn	512	256	1	87.13	96.96	97.72	98.04	98.49	98.44	98.32	98.89	98.93	98.82	99.21	99.20	99.28	99.27	99.27	99.28	99.27	99.28	99.28	99.25	90000	99.28	10621689	6	184	120	22511.502
710	rnn	256	256	3	18.38	82.32	95.05	96.84	97.67	98.11	98.50	98.53	98.66	98.88	99.03	99.04	99.23	99.23	99.22	99.25	99.25	99.24	99.27	99.26	95000	99.26	8956409	7	177	124	27977.9486
711	rnn	256	256	2	79.74	96.42	97.30	97.66	98.54	98.34	98.76	98.93	98.96	99.07	99.27	99.30	99.32	99.34	99.31	99.35	99.34	99.34	99.34	99.34	80000	99.34	7903737	6	176	125	23507.2753
712	rnn	256	256	1	89.06	97.33	97.63	97.84	98.49	98.61	98.18	98.70	98.92	99.04	99.28	99.29	99.31	99.33	99.30	99.31	99.33	99.30	99.31	99.29	95000	99.31	6851065	5	171	129	20122.6243
713	rnn	128	256	3	20.36	76.85	92.69	95.80	97.34	97.94	97.10	98.36	98.70	98.69	99.08	99.04	99.12	99.11	99.15	99.16	99.17	99.18	99.18	99.18	95000	99.17	6231417	7	155	142	25677.05008
714	rnn	128	256	2	16.03	94.38	95.89	97.67	98.37	98.54	98.39	98.79	99.00	98.87	99.25	99.25	99.29	99.31	99.31	99.32	99.33	99.33	99.33	99.33	95000	99.32	5967225	6	171	129	22228.0631
715	rnn	128	256	1	84.47	96.62	97.28	96.64	97.54	98.05	98.12	98.62	98.68	98.80	99.16	99.17	99.18	99.24	99.23	99.22	99.22	99.21	99.21	99.22	85000	99.21	5703033	5	179	123	18641.4392