

### Morning

	1 layer	2 layers	3 layers	4 layers	5 layers
Average	1.119	2.12206724	2.97430846	2.31538965	2.27400629
Smallest	0.426	1.18199311	1.25748033	1.38811789	1.41231887

### RUNS

4.94479398	5.76570004	5.88552621	1.80477413
2.57690566	5.18477786	1.99327034	2.94182557
2.49258251	4.25905563	1.87421539	2.90599829
1.78324672	4.29387058	2.62987824	2.17870445
1.84598524	1.51132479	1.86855815	2.84587665
1.54433359	2.01776981	1.38811789	2.02847317
1.68607207	1.84600951	1.75220572	2.05317492
1.18199311	1.25748033	1.75494804	2.52229969
1.70461358	1.85623385	2.38609172	1.41231887
1.46014599	1.75086219	1.62108483	2.04661718

### Night

	1 layer	2 layers	3 layers	4 layers	5 layers
Average	0.796	1.88781822	1.77798434	1.82663917	1.84345829
Smallest	0.404	1.10621348	1.08571599	1.10440334	1.31160918

### RUNS

3.11489672	3.94515494	3.0054709	3.08482742
2.66507411	2.28448238	2.67859685	2.08691013
2.25527458	2.39226522	2.10243853	2.03743199
1.96497373	1.63657017	2.09386119	1.99201133
1.78172936	1.54845678	1.73948079	1.90083403
1.89261617	1.21900542	1.36253837	1.55351786
1.67549592	1.2385037	1.59755533	1.57874068
1.21107761	1.299645	1.10440334	1.50641606
1.10621348	1.08571599	1.20074305	1.31160918
1.21083047	1.13004376	1.38130332	1.38228422



## Afternoon

1 layer	2 layers	3 layers	4 layers	5 layers
2.135	5.05347988	2.70645425	3.37696448	3.54880516
1.321	2.60619136	1.64728742	2.73635069	1.94671478

7.54525482	4.1504578	3.00483809	7.64496337
6.08269864	4.0192178	4.42054739	6.78969392
8.28929289	3.74695648	2.77620015	4.11332765
7.29748031	1.75310966	3.99923087	2.54555338
4.86991989	2.87707787	4.25619396	1.94671478
2.97582085	2.25200843	3.78718705	2.41908039
4.18665876	1.64728742	3.02363077	2.41760273
2.60619136	2.49703003	2.94253876	3.10473185
2.64914387	2.12318726	2.73635069	2.23019351
4.03233743	1.99820972	2.82292705	2.27618999

## Evening

1 layer
0.999
0.579

## All

1 layer	2 layers	3 layers	4 layers	5 layers
1.884	3.14516858	5.28124714	3.65139679	2.9833286
1.421	2.04338283	2.79052256	2.39375901	2.2638258

6.21490059	5.70874792	6.52446682	6.05083951
5.15244924	5.54130043	4.84357597	3.08937356
2.93439519	6.33651304	4.39372852	2.98679641
2.39933987	6.05494762	4.74174548	2.84767094
2.54041573	5.4421533	3.18596237	2.36470256
2.61958146	5.9009504	2.39375901	2.57703799
2.66839328	5.83622423	2.67450061	2.66468446
2.28695527	5.35994445	2.69117946	2.65985287
2.5918723	3.84116749	2.59262478	2.32850191
2.04338283	2.79052256	2.47242487	2.2638258



2 layers	3 layers	4 layers	5 layers
2.50031856	1.98718889	1.96114828	2.98776287
1.4878643	1.56366857	1.34935274	1.50667519

5.00963543	2.82760575	3.80307269	5.12914065
4.78604381	2.38594928	2.65194638	4.9447926
2.1937562	2.46115927	2.53095684	5.00927814
2.18590016	1.79664921	1.63525813	3.26914582
1.83756964	1.87460978	1.82365514	2.41638768
1.93225297	1.7343317	1.55546972	2.36128037
1.76393788	1.56366857	1.39765467	1.90115841
1.89926214	1.75536804	1.34935274	1.73606291
1.90696305	1.68767769	1.43837067	1.50667519
1.4878643	1.7848696	1.42574586	1.60370696

#### SETTINGS

- Num of nodes per hidden layer: 100
- Same set of inputs that Peter Kok suggested.

#### COMMENT

- One layer wins in all cases.
- More hidden layers does not give a better result.

#### WHY?

- Not enough training time? ( $10^7$  epoches already (?!), compared to  $10^5$  when using only one layer)  
=> Having more layers creates more noises?
- Learning rate ( $10^{-6}$ ) was still too big? Probably. The graphs jumped up and down a lot.

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