

Layers	Type	Output shape	Number of units	Activation function	Parameters 73,924,865
0-1	Fully-connected	(None, 4608)	4608	ReLU	10833408
1-2	Batch Normalization	(None, 4608)			18432
2-3	Dropout (0.01)	(None, 4608)			0
3-4	Fully-connected	(None, 4096)	4096	ReLU	18878464
4-5	Batch Normalization	(None, 4096)			16384
5-6	Dropout (0.01)	(None, 4096)			0
6-7	Fully-connected	(None, 3584)	3584	ReLU	14683648
7-8	Batch Normalization	(None, 3584)			14336
8-9	Dropout (0.01)	(None, 3584)			0
9-10	Fully-connected	(None, 3072)	3072	ReLU	11013120
10-11	Batch Normalization	(None, 3072)			12288
11-12	Dropout (0.01)	(None, 3072)			0
12-13	Fully-connected	(None, 2560)	2560	ReLU	7866880
13-14	Batch Normalization	(None, 2560)			10240
14-15	Dropout (0.01)	(None, 2560)			0
16-17	Fully-connected	(None, 2048)	2048	ReLU	5244928
17-18	Batch Normalization	(None, 2048)			8192
18-19	Dropout (0.01)	(None, 2048)			0
20-21	Fully-connected	(None, 1536)	1536	ReLU	3147264
21-22	Batch Normalization	(None, 1536)			6144
22-23	Dropout (0.01)	(None, 1536)			0
23-24	Fully-connected	(None, 1024)	1024	ReLU	1573888
24-25	Batch Normalization	(None, 1024)			4096
25-26	Dropout (0.01)	(None, 1024)			0
26-27	Fully-connected	(None, 512)	512	ReLU	524800
27-28	Batch Normalization	(None, 512)			2048
28-29	Dropout (0.01)	(None, 512)			0
29-30	Fully-connected	(None, 128)	128	ReLU	656644
30-31	Batch Normalization	(None, 128)			512
31-32	Dropout (0.01)	(None, 128)			0
32-33	Fully-connected	(None, 1)			129
33-34	Activation	(None, 1)	1	Sigmoid	0

Detailed configuration details of deep neural network (DNN)

