

	Input	Model	A.func	Hidden	Hidden Size	Learning Rate	Batch	Epoch	Accuracy
1	64	MLP	Softmax	-	-	0.01	64	20	%16
1	64	MLP	Sig,Soft	1	1024	0.01	64	20	%26,5
1	64	MLP	Sig,Sig,Soft	2	1024 512	0.01	64	20	%22.54

	Input	Model	A.func	Hidden	Hidden Size	Learning Rate	Batch	Epoch	Accuracy
2	128	MLP	Softmax	-	-	0.01	64	20	%16
2	128	MLP	Sig,Soft	1	1024	0.01	64	20	%29,6
2	128	MLP	Sig,Sig,Soft	2	1024 512	0.01	64	20	%20.125

	Input	Model	A.func	Hidden	Hidden Size	Learning Rate	Batch	Epoch	Accuracy
3	32	MLP	Softmax	-	-	0.01	64	20	%16
3	32	MLP	Sig,Soft	1	1024	0.01	64	20	%25,8
3	32	MLP	Sig,Sig,Soft	2	1024 512	0.01	64	20	%19,8

	Input	Model	A.func	Hidden	Hidden Size	Learning Rate	Batch	Epoch	Accuracy
4	32	MLP	Softmax	-	-	0.01	32	20	%16
4	32	MLP	Sig,Soft	1	1024	0.01	32	20	%23,8
4	32	MLP	Sig,Sig,Soft	2	1024 512	0.01	32	20	%22,9

	Input	Model	A.func	Hidden	Hidden Size	Learning Rate	Batch	Epoch	Accuracy
5	64	MLP	Softmax	-	-	0.01	32	20	%16
5	64	MLP	Sig,Soft	1	1024	0.01	32	20	%26,5
5	64	MLP	Sig,Sig,Soft	2	1024 512	0.01	32	20	%21,75

	Input	Model	A.func	Hidden	Hidden Size	Learning Rate	Batch	Epoch	Accuracy
6	64	MLP	Softmax	-	-	0.01	64	10	%16
6	64	MLP	Sig,Soft	1	1024	0.01	64	10	%22.20
6	64	MLP	Sig,Sig,Soft	2	1024 512	0.01	64	10	%18.25

	Input	Model	A.func	Hidden	Hidden Size	Learning Rate	Batch	Epoch	Accuracy
7	64	MLP	Softmax	-	-	0,005	64	10	%16
7	64	MLP	Sig,Soft	1	1024	0,005	64	10	%22.5
7	64	MLP	Sig,Sig,Soft	2	1024 512	0,005	64	10	%17.8

	Input	Model	A.func	Hidden	Hidden Size	Learning Rate	Batch	Epoch	Accuracy
8	64	MLP	Softmax	-	-	0,02	64	10	%16
8	64	MLP	Sig,Soft	1	1024	0,02	64	10	%22.2
8	64	MLP	Sig,Sig,Soft	2	1024 512	0,02	64	10	%23.9

	Input	Model	A.func	Hidden	Hidden Size	Learning Rate	Batch	Epoch	Accuracy
9	64	MLP	Softmax	-	-	0,01	64	10	%16
9	64	MLP	Relu, Softmax	1	1024	0,01	64	10	%27,75
9	64	MLP	Relu,Relu, Softmax	2	1024 512	0,01	64	10	%27.83

	Input	Model	A.func	Hidden	Hidden Size	Learning Rate	Batch	Epoch	Accuracy
10	64	MLP	Softmax	-	-	0,01	64	20	%16
10	64	MLP	Relu, Softmax	1	1024	0,01	64	20	%28,9
10	64	MLP	Relu,Relu, Softmax	2	1024 512	0,01	64	20	%34.0

	Input	Model	FULLY	Fully A.func	Convol	Convol A.func	Learning Rate	Batch	Epoch	Accuracy
1	64	CNN	1	Relu	1	Relu	0,001	32	10	%38
1	64	CNN	2	Relu	2	Relu	0,001	32	10	%40
1	64	CNN	3	Relu	3	Relu	0,001	32	10	%35

	Input	Model	FULLY	Fully A.func	Convol	Convol A.func	Learning Rate	Batch	Epoch	Accuracy
2	128	CNN	1	Relu	1	Relu	0,001	32	10	%40
2	128	CNN	2	Relu	2	Relu	0,001	32	10	%39
2	128	CNN	3	Relu	3	Relu	0,001	32	10	%38

	Input	Model	FULLY	Fully A.func	Convol	Convol A.func	Learning Rate	Batch	Epoch	Accuracy
3	32	CNN	1	Relu	1	Relu	0,001	32	10	%16
3	32	CNN	2	Relu	2	Relu	0,001	32	10	%34
3	32	CNN	3	Relu	3	Relu	0,001	32	10	%27

	Input	Model	FULLY	Fully A.func	Convol	Convol A.func	Learnin g Rate	Batch	Epoch	Accura cy
4	32	CNN	1	Relu	1	Relu	0,001	64	10	%36,4
4	32	CNN	2	Relu	2	Relu	0,001	64	10	%33,4
4	32	CNN	3	Relu	3	Relu	0,001	64	10	%29,04
	Input	Model	FULLY	Fully A.func	Convol	Convol A.func	Learnin g Rate	Batch	Epoch	Accura cy
5	64	CNN	1	Relu	1	Relu	0,001	64	10	%39,2
5	64	CNN	2	Relu	2	Relu	0,001	64	10	%39,0
5	64	CNN	3	Relu	3	Relu	0,001	64	10	%31,4

	Input	Model	FULLY	Fully A.func	Convol	Convol A.func	Learnin g Rate	Batch	Epoch	Accura cy
6	64	CNN	1	Relu	1	Relu	0,001	64	20	%41,6
6	64	CNN	2	Relu	2	Relu	0,001	64	20	%43,8
6	64	CNN	3	Relu	3	Relu	0,001	64	20	%38,17
	Input	Model	FULLY	Fully A.func	Convol	Convol A.func	Learnin g Rate	Batch	Epoch	Accura cy
7	64	CNN	1	Relu	1	Relu	0,05	64	20	%16,7
7	64	CNN	2	Relu	2	Relu	0,05	64	20	%16,7
7	64	CNN	3	Relu	3	Relu	0,05	64	20	%16,7
	Input	Model	FULLY	Fully A.func	Convol	Convol A.func	Learnin g Rate	Batch	Epoch	Accura cy
8	64	CNN	1	Relu	1	Relu	0,01	64	20	%16,7
8	64	CNN	2	Relu	2	Relu	0,01	64	20	%16,7
8	64	CNN	3	Relu	3	Relu	0,01	64	20	%16,7
	Input	Model	FULLY	Fully A.func	Convol	Convol A.func	Learnin g Rate	Batch	Epoch	Accura cy
9	64	CNN	1	Sig	1	Sig	0,001	64	20	%16,7
9	64	CNN	2	Sig	2	Sig	0,001	64	20	%16,7
9	64	CNN	3	Sig	3	Sig	0,001	64	20	%16,7

	Input	Model	FULLY	Fully A.func	Convol	Convol A.func	Learnin g Rate	Batch	Epoch	Accura cy
10	64	CNN	1	Sig	1	Sig	0,001	64	10	%16,7

	Input	Model	FULLY	Fully A.func	Convol	Convol A.func	Learnin g Rate	Batch	Epoch	Accura cy	
10	64	CNN	2	Sig	2	Sig	0,001	64	10	%16,7	
10	64	CNN	3	Sig	3	Sig	0,001	64	10	%16,7	
	Input	Model	FULLY	Fully A.func	Convo l	Convo l A.func	Learni ng Rate	Batch	Epoch	ERRO R	Accur acy
11	64	CNN	1	Relu	1	Relu	0,001	64	10	SSE	%16,7
11	64	CNN	2	Relu	2	Relu	0,001	64	10	SSE	%16,7
11	64	CNN	3	Relu	3	Relu	0,001	64	10	SSE	%16,7
	Input	Model	FULLY	Fully A.func	Convo l	Convo l A.func	Learni ng Rate	Batch	Epoch	Depth	Accur acy
12	64	CNN	1	Relu	1	Relu	0,001	64	10	64	%16,7
12	64	CNN	2	Relu	2	Relu	0,001	64	10	64	%16,7
12	64	CNN	3	Relu	3	Relu	0,001	64	10	64	%16,7
	Input	Model	FULLY	Fully A.func	Convo l	Convo l A.func	Learni ng Rate	Batch	Epoch	Depth	Accur acy
13	64	CNN	1	Relu	1	Relu	0,001	64	10	32	%32
13	64	CNN	2	Relu	2	Relu	0,001	64	10	32	%39.8
13	64	CNN	3	Relu	3	Relu	0,001	64	10	32	%34,92