

<b>Location-representation</b>						
	Pain duration			Pain intensity		
	Avg. Accuracy	$\pm$ SD	Chosen parameter	Avg Accuracy	$\pm$ SD	Chosen parameter
<b>Learning rate:</b>						
0.1	56.08	13.35		63.92	12.37	
0.01	56.08	13.35	X	63.92	12.37	X
0.001	56.08	13.35		63.92	12.37	
<b>Kernal inintializer:</b>						
normal	56.08	13.35		63.92	12.37	
glorot_normal	56.08	13.35		63.92	12.37	
glorot_uniform	56.08	13.35	X	63.92	12.37	X
<b>Neurons:</b>						
8	56.08	13.35		63.92	12.37	
16	56.08	13.35	X	63.92	12.37	X
32	56.08	13.35		63.92	12.37	
<b>Epochs, Batch size:</b>						
100, 10	56.08	13.35		63.92	12.37	
100, 20	56.08	13.35		63.92	12.37	
100, 30	56.08	13.35		63.92	12.37	
120, 10	56.08	13.35		63.92	12.37	
120, 20	56.08	13.35	X	63.92	12.37	X
120, 30	56.08	13.35		63.92	12.37	
140, 10	52.12	11.02		63.92	12.37	
140, 20	56.08	13.35		63.92	12.37	
140, 30	56.08	13.35		63.92	12.37	

Table 1: Results from the grid search for the LR

<b>Location-representation</b>						
	Pain duration			Pain intensity		
	Avg. Accuracy	$\pm$ SD	Chosen parameter	Avg Accuracy	$\pm$ SD	Chosen parameter
<b>Learning rate:</b>						
0.1	58.50	10.50		68.07	9.27	X
0.01	60.50	7.22	X	60.24	10.10	
0.001	56.00	8.00		64.46	9.20	
<b>Kernal inintializer:</b>						
normal	45.00	7.75		62.65	9.74	
glorot_normal	48.50	9.50		62.65	9.74	X
glorot_uniform	58.50	5.50	X	62.04	7.97	
<b>Neurons:</b>						
16	54.50	13.87		64.46	8.61	X
32	60.50	8.20	X	62.05	8.89	
64	60.50	2.69		60.24	9.29	
<b>Epochs, Batch size:</b>						
100, 10	XX	XX		64.46	8.19	
100, 20	XX	XX		62.65	9.74	
100, 30	XX	XX		62.65	9.74	
120, 10	XX	XX		65.06	8.81	
120, 20	XX	XX		62.65	9.74	
120, 30	XX	XX		62.65	9.74	
140, 10	XX	XX		69.88	9.49	X
140, 20	XX	XX		59.64	9.54	
140, 30	XX	XX		62.65	9.74	

Table 2: Results from the grid search for the MR

<b>Location-representation</b>						
	Pain duration			Pain intensity		
	Avg. Accuracy	$\pm$ SD	Chosen parameter	Avg Accuracy	$\pm$ SD	Chosen parameter
<b>Learning rate:</b>						
0.1	66.16	8.52	X	60.98	14.67	
0.01	52.02	9.79		60.98	15.13	
0.001	54.04	10.67		62.80	14.35	X
<b>Kernal inintializer:</b>						
normal	62.63	8.45		61.59	15.35	
glorot_normal	63.63	6.45		61.59	15.35	
glorot_uniform	70.20	8.49	X	61.59	15.35	X
<b>Neurons:</b>						
8	67.17	6.49	X	61.59	15.35	X
16	60.10	10.03		61.59	15.35	
32	62.12	10.92		61.59	15.35	
<b>Epochs, Batch size:</b>						
100, 10	61.11	4.85		61.59	15.35	
100, 20	58.08	8.81		61.59	15.35	
100, 30	61.61	4.32		61.59	15.35	
120, 10	63.13	5.48		61.59	15.35	
120, 20	62.12	10.57		61.59	15.35	X
120, 30	68.68	6.90	X	61.59	15.35	
140, 10	60.61	10.30		61.59	15.35	
140, 20	64.65	8.75		61.59	15.35	
140, 30	64.65	8.34		61.59	15.35	

Table 3: Results from the grid search for the CR