

Model 1							
			Iteration 1				
Results			Best				
param	value	mean	AcFunc	nodes	layers	decrs	mse
AcFunc	relu	0.560147	gelu	60	6	0	0.149923
AcFunc	selu	0.307062	Parameters				
AcFunc	gelu	0.564019	Param	Values Count	Values		
nodes	12	0.614917	AcFunc	3	relu, selu, gelu		
nodes	24	0.488168	Nodes	5	12, 24, 36, 48, 60		
nodes	36	0.440823	Layers	5	2, 4, 6, 8, 10		
nodes	48	0.462548	decrs	2	True, False		
nodes	60	0.378924	Summary				
layers	2	0.933593	K-Folds	Total ANNs Tested		MSE	
layers	4	0.399685	0	150		0.477076	
layers	6	0.376849					
layers	8	0.348089					
layers	10	0.327164					
decrs	1	0.692918					
decrs	0	0.261233					
Iteration 2							
Results			Best				
param	value	mean	AcFunc	nodes	layers	decrs	mse
AcFunc	relu	0.856562	gelu	84	14	0	0.111106
AcFunc	selu	0.211374	Parameters				
AcFunc	gelu	0.311836	Param	Values Count	Values		
nodes	36	0.501295	AcFunc	3	relu, selu, gelu		
nodes	48	0.454847	Nodes	5	36, 48, 60, 72, 84		
nodes	60	0.521009	Layers	5	6, 8, 10, 12, 14		
nodes	72	0.527753	decrs	2	True, False		
nodes	84	0.294716	Summary				
layers	6	0.356599	K-Folds	Total ANNs Tested		MSE	
layers	8	0.267804	0	150		0.459924	
layers	10	0.306931					
layers	12	0.264436					
layers	14	1.103849					
decrs	1	0.715261					
decrs	0	0.204587					
Iteration 3							
Results			Best				
param	value	mean	AcFunc	nodes	layers	decrs	mse
AcFunc	relu	1.325634	selu	72	10	0	0.126905
AcFunc	selu	0.200223	Parameters				
AcFunc	gelu	0.320411	Param	Values Count	Values		
nodes	60	0.291783	AcFunc	3	relu, selu, gelu		
nodes	72	0.883014	Nodes	5	60, 72, 84, 96, 108		
nodes	84	0.502072	Layers	5	8, 10, 12, 14, 16		
nodes	96	0.68947	decrs	2	True, False		
nodes	108	0.710774	Summary				
layers	8	0.228998	K-Folds	Total ANNs Tested		MSE	
layers	10	0.499442	0	150		0.6154226	
layers	12	0.311338					
layers	14	0.929688					
layers	16	1.107647					
decrs	1	1.016233					
decrs	0	0.214612					
Iteration 4							
Results			Best				
param	value	mean	AcFunc	nodes	layers	decrs	mse
AcFunc	selu	0.200925	gelu	66	13	0	0.129754
AcFunc	gelu	0.153331	Parameters				
nodes	60	0.175846	Param	Values Count	Values		
nodes	66	0.179631	AcFunc	2	relu, selu, gelu		
nodes	72	0.165912	Nodes	5	60, 66, 72, 78, 84		
nodes	78	0.186773	Layers	3	11, 12, 13		
nodes	84	0.177479	decrs	1	False		
layers	11	0.199814	Summary				
layers	12	0.175736	K-Folds	Total ANNs Tested		MSE	
layers	13	0.155835	4	120		0.177128	
decrs	0	0.177128					
Iteration 5							
Results			Best				
param	value	mean	AcFunc	nodes	layers	decrs	mse
AcFunc	gelu	0.167263	gelu	72	13	0	0.114256
nodes	60	0.127995	Parameters				
nodes	62	0.13894	Param	Values Count	Values		
nodes	64	0.186538	AcFunc	1	relu		
nodes	66	0.147705	Nodes	13	60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84		
nodes	68	0.172941	Layers	3	12, 13, 14		
nodes	70	0.161163	decrs	1	False		
nodes	72	0.18665	Summary				
nodes	74	0.179901	K-Folds	Total ANNs Tested		MSE	
nodes	76	0.147711	4	156		0.167263	
nodes	78	0.153547					
nodes	80	0.189975					
nodes	82	0.149141					
nodes	84	0.232211					
layers	12	0.165216					
layers	13	0.160745					
layers	14	0.175828					
decrs	0	0.167263					
Iteration 6							
Results			Best				
param	value	mean	AcFunc	nodes	layers	decrs	mse
AcFunc	gelu	0.180603	gelu	73	13	0	0.118071
nodes	60	0.155135	Parameters				
nodes	61	0.125435	Param	Values Count	Values		
nodes	62	0.138224	AcFunc	1	relu		
nodes	63	0.186945	Nodes	26	60 to 85		
nodes	64	0.145538	Layers	1	13		
nodes	65	0.203356	decrs	1	False		
nodes	66	0.138423	Summary				
nodes	67	0.146633	K-Folds	Total ANNs Tested		MSE	
nodes	68	0.204677	4	104			
nodes	69	0.118658					
nodes	70	0.128039					
nodes	71	0.134303					
nodes	72	0.146205					
nodes	73	0.118071					
nodes	74	0.191191					
nodes	75	0.120527					
nodes	76	0.191846					
nodes	77	0.149989					
nodes	78	0.148942					
nodes	79	0.196185					
nodes	80	0.123863					
nodes	81	0.152334					
nodes	82	0.181728					
nodes	83	0.14511					
nodes	84	0.131181					
nodes	85	0.873129					
layers	13	0.180603					
decrs	0	0.180603					

Model 2								
			Iteration 1					
Results			Best					
param	value	mean	AcFunc1	AcFunc2	nodes	layers	decrs	mse
AcFunc1	gelu	0.498598	gelu	tanh	55	12	0	0.114853
AcFunc1	selu	0.298071	Parameters					
AcFunc2	tanh	0.241979	Param	Values Count	Values			
AcFunc2	sigmoid	0.55469	AcFunc1	2	selu, gelu			
nodes	10	0.508751	AcFunc2	2	tanh, sigmoid			
nodes	20	0.647695	Nodes	8	10, 20, 30, 40, 50, 60, 70, 80			
nodes	30	0.389802	Layers	3	6, 10, 14			
nodes	40	0.273538	decrs	2	True, False			
nodes	50	0.259394	Summary					
nodes	60	0.313594	K-Folds	Total ANNs Tested			MSE	
nodes	70	0.362923	0	192			0.3983345	
nodes	80	0.430981						
layers	6	0.2946						
layers	10	0.370473						
layers	14	0.529931						
decrs	0	0.22472						
decrs	1	0.571949						
Iteration 2								
			Best					
param	value	mean	AcFunc1	AcFunc2	nodes	layers	decrs	mse
AcFunc1	gelu	0.155892	gelu	tanh	55	12	0	0.114853
AcFunc1	selu	0.198085	Parameters					
AcFunc2	tanh	0.176988	Param	Values Count	Values			
nodes	30	0.197504	AcFunc1	2	selu, gelu			
nodes	35	0.161164	AcFunc2	1	tanh			
nodes	40	0.193139	Nodes	6	30, 35, 40, 45, 50, 55			
nodes	45	0.158878	Layers	3	8, 12, 16			
nodes	50	0.185593	decrs	2	False			
nodes	55	0.165651	Summary					
layers	8	0.187241	K-Folds	Total ANNs Tested			MSE	
layers	12	0.172669	0	48			0.176988	
layers	16	0.171055						
decrs	0	0.176988						
Iteration 3								
			Best					
param	value	mean	AcFunc1	AcFunc2	nodes	layers	decrs	mse
AcFunc1	gelu	0.178582	gelu	tanh	56	15	0	0.119153
AcFunc2	tanh	0.178582	Parameters					
nodes	40	0.133137	Param	Values Count	Values			
nodes	44	0.169759	AcFunc1	1	gelu			
nodes	48	0.272876	AcFunc2	1	tanh			
nodes	52	0.197694	Nodes	6	40, 44, 48, 52, 56, 60			
nodes	56	0.139875	Layers	3	12, 15, 18			
nodes	60	0.158152	decrs	1	False			
layers	12	0.155148	Summary					
layers	15	0.132514	K-Folds	Total ANNs Tested			MSE	
layers	18	0.248085	4	72			0.178564	
decrs	0	0.178582						
Iteration 4								
			Best					
param	value	mean	AcFunc1	AcFunc2	nodes	layers	decrs	mse
AcFunc1	gelu	0.188148	gelu	tanh	56	13	0	0.131224
AcFunc2	tanh	0.188148	Parameters					
nodes	38	0.169735	Param	Values Count	Values			
nodes	40	0.184865	AcFunc1	1	gelu			
nodes	42	0.203474	AcFunc2	1	tanh			
nodes	54	0.202195	Nodes	6	38, 40, 42, 54, 56, 58			
nodes	56	0.171557	Layers	3	13, 15, 17			
nodes	58	0.197065	decrs	1	False			
layers	13	0.184905	Summary					
layers	15	0.195043	K-Folds	Total ANNs Tested			MSE	
layers	17	0.184497	4	72			0.188148	
decrs	0	0.188148						
Iteration 5								
			Best					
param	value	mean	AcFunc1	AcFunc2	nodes	layers	decrs	mse
AcFunc1	gelu	0.216917	gelu	tanh	56	13	0	0.129168
AcFunc2	tanh	0.216917	Parameters					
nodes	37	0.181299	Param	Values Count	Values			
nodes	38	0.165357	AcFunc1	1	gelu			
nodes	39	0.152448	AcFunc2	1	tanh			
nodes	55	0.25431	Nodes	6	37, 38, 39, 55, 56, 57			
nodes	56	0.317682	Layers	6	12, 13, 14, 17, 19, 18			
nodes	57	0.230405	decrs	1	False			
layers	12	0.17207	Summary					
layers	13	0.153381	K-Folds	Total ANNs Tested			MSE	
layers	14	0.197447	4	144			0.216917	
layers	17	0.243345						
layers	19	0.322063						
layers	18	0.213195						
decrs	0	0.216917						