

Med MNIST Pneumonia Results Training							
Name:		Mike Volchko & Oliver Wilson					
Date:		12/11/2022					
Sample Size	Converged	Epochs	Tolerance	Training Error	Misses	Success Rate	
100	YES	56	0.02	0.0194	2	98	
250	YES	195	0.01	0.0099	2	99.2	
500	YES	193	0.01	0.0099	3	99.4	
750	YES	486	0.01	0.01	6	99.2	
1000	YES	420	0.01	0.01	7	99.3	
2000	YES	772	0.01	0.01	17	99.2	
4000	YES	1073	0.01	0.01	37	99.1	
4708	YES	1363	0.01	0.01	42	99.1	
Med MNIST Pneumonia Results Testing							
Sample Size Training	Hits	Misses	Success Rate				
100	477	147	76.4				
250	478	146	76.6				
500	513	111	82.2				
750	511	113	81.9				
1000	521	103	83.5				
2000	519	105	83.2				
4000	523	101	83.8				
4708	521	103	83.5				

Med MNIST Breast Results Training							
Name:		Mike Volchko & Oliver Wilson					
Date:		12/11/2022					
Sample Size	Converged	Epochs	Tolerance	Training Error	Misses	Success Rate	
50	YES	28	0.01	0.0096	0	100	
100	YES	85	0.01	0.0092	0	100	
200	YES	178	0.01	0.0099	2	99	
300	YES	258	0.01	0.0098	1	99.7	
500	YES	388	0.01	0.01	3	99.4	
546	YES	510	0.01	0.01	4	99.3	
Med MNIST Breast Results Testing							
Sample Size Training	Hits	Misses	Success Rate				
50	119	37	76.3				
100	113	43	72.4				
200	118	38	75.6				
300	112	44	71.8				
500	120	36	76.9				
546	119	37	76.3				

Med MNIST Chest Results Training							
Name:		Mike Volchko & Oliver Wilson					
Date:		12/11/2022					
Sample Size	Converged	Epochs	Tolerance	Training Error	Misses	Success Rate	
100	YES	89	0.01	0.0098	1	100	
250	YES	207	0.01	0.0098	1	99.6	
500	YES	283	0.02	0.02	7	98.6	
750	YES	441	0.02	0.02	13	98.3	
1000	YES	550	0.02	0.02	17	98.3	
2000	NO	1300	0.025	0.0273	47	97.7	
4000	NO	2037	0.025	0.108	430	89.3	
10000	NO	11481	0.01	0.1309	1588	84.1	
Med MNIST Chest Results Testing							
Sample Size Training	Hits	Misses	Success Rate				
100	11936	10497	53.2				
250	12009	10424	53.5				
500	12079	10354	53.8				
750	12137	10296	54.1				
1000	12135	10298	54.1				
2000	NA	NA	NA				
4000	NA	NA	NA				
10000	NA	NA	NA				