

## Back propagation Variations

	magic telescope dataset				
	80-20 dataset split	iterations	50-50 split	iterations	
classic	<b>3257 out of 3804 (85.62%)</b>	50k	<b>8064 out of 9510 (84.79%)</b>	50k	
momentum	3029 out of 3804 (79.62%)	15k	7493 out of 9510(78.79 %)	15k	
quick	2593 out of 3804 (68.17 %)	10k	6295 out of 9510(66.19 %)	10k	
resilient	2862 out of 3804 (75.24%)	3k	7082 out of 9510(74.47 %)	3k	
	breast cancer data				
	70-30 split	iterations	50-50 split	iterations	
classic	165 out of 171 (96.5%)	10k	263 out of 285 (92.28%)	15k	
momentum(m=0.5)	<b>167 out of 171 (97.66 %)</b>	1k	<b>275 out of 285(96.49 %)</b>		
quick	163 out of 171(95.32 %)	500	255 out of 285(89.47 %)	2k	
resilient	161 out of 171(94.15 %)	500	272 out of 285(95.44 %)		