

Algorithm	Parameters	Data Set	
		$n = 500$	$n = 1000$
Perceptron w/margin	$\eta$	0.005	0.25
Winnnow	$\alpha$	1.1	1.1
Winnnow w/margin	$\alpha$	1.1	1.1
	$\gamma$	0.006	0.04
AdaGrad	$\eta$	1.5	1.5

Algorithm	Parameters	Data Set				
		$n = 40$	$n = 80$	$n = 120$	$n = 160$	$n = 200$
Perceptron w/margin	$\eta$	1.5	1.5	0.03	0.03	0.03
Winnnow	$\alpha$	1.1	1.1	1.1	1.1	1.1
Winnnow w/margin	$\alpha$	1.1	1.1	1.1	1.1	1.1
	$\gamma$	2.0	2.0	2.0	2.0	2.0
AdaGrad	$\eta$	1.5	1.5	1.5	1.5	1.5

Algorithm	Parm & Accy	Data Set		
		$m = 100$	$m = 500$	$m = 1000$
Perceptron	Accy %			
Perceptron w/margin	$\eta$			
	Accy%			
Winnnow	$\alpha$			
	Accy%			
Winnnow w/margin	$\alpha$			
	$\gamma$			
	Accy%			
AdaGrad	$\eta$			
	Accy%			