

Algorithm	Parameters	Data Set	
		$n = 500$	$n = 1000$
Perceptron w/margin	η	0.005	0.25
Winnnow	α	1.1	1.1
Winnnow w/margin	α	1.1	1.1
	γ	0.006	0.04
AdaGrad	η	1.5	1.5

Algorithm	Parameters	Data Set				
		$n = 40$	$n = 80$	$n = 120$	$n = 160$	$n = 200$
Perceptron w/margin	η					
Winnnow	α					
Winnnow w/margin	α					
	γ					
AdaGrad	η					

Algorithm	Parm & Accy	Data Set		
		$m = 100$	$m = 500$	$m = 1000$
Perceptron	Accy %			
Perceptron w/margin	η			
	Accy%			
Winnnow	α			
	Accy%			
Winnnow w/margin	α			
	γ			
	Accy%			
AdaGrad	η			
	Accy%			