		gradient training		max margin training		initial weights	
		bbinom	bb+doc	bbinom	bb+doc	bbinom	bb+doc
training set	recall	**3/300**	**3/300**	**6/300**	**2/300**	**192/300**	**100/300**
	precision	**3/3**	**3/133**	**6/6**	**2/2**	**192/320**	**100/8390**
testing set	recall	**1/60**	**1/60**	**1/60**	**1/60**	**43/60**	**21/60**
	precision	**1/1**	**1/25**	**1/1**	**1/1**	**43/69**	**21/1714**