Table 1

Algorithm	Training Set						
	100	200	300	400	500	600	700
LDA	0.539±0.048	0.580±0.044	0.611±0.030	0.646±0.027	0.644±0.025	0.662±0.028	0.663±0.032
Ye-LDA	0.644±0.100	0.657±0.124	0.688±0.071	0.678±0.057	0.698±0.035	0.698±0.035	0.712±0.027
SDA	0.696±0.021	0.716±0.021	0.719±0.024	0.725±0.018	0.721±0.015	0.733±0.021	0.734±0.016
$\mathcal{DBSDA}$	0.690±0.028	0.708±0.027	**0.722±0.024**	**0.729±0.018**	**0.727±0.0118**	**0.736±0.018**	**0.734±0.022**
Decision Tree	0.626±0.120	0.671±0.074	0.675±0.088	0.703±0.032	0.695±0.034	0.676±0.078	0.690±0.097
Linear SVM	0.616±0.031	0.627±0.041	0.651±0.026	0.675±0.031	0.675±0.026	0.680±0.035	0.690±0.031
Kernel SVM	**0.701±0.063**	**0.723±0.022**	0.702±0.115	0.726±0.016	0.681±0.115	0.734±0.019	0.715±0.071
AdaBoost	0.560±0.081	0.533±0.107	0.498±0.065	0.503±0.078	0.500±0.080	0.482±0.066	0.503±0.070
Random Forest	0.419±0.126	0.509±0.102	0.613±0.067	0.509±0.110	0.661±0.036	0.640±0.058	0.603±0.063