Feature descriptor	Recognition rate of model (%)				
	KNN (k=1)	KNN (k=3)	KNN (k=5)	KNN (k=10)	SVM
Full image	78.33	79.17	71.67	84.17	70.83
Dimensionality reduction	57.92	57.92	49.17	54.58	31.67
Gabor vector	24.58	15.00	83.33	83.33	79.58
HOG vector	52.08	67.50	70.42	75.42	85.42