| | Recognition rate of model (%) | | | | |
Feature descriptor	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

| | Recall rate of model (%) | | | | |
Feature descriptor	KNN (k=1)	KNN (k=3)	KNN (k=5)	KNN (k=10)	SVM
Full image	90.00	85.00	80.00	95.00	69.00
Dimensionality reduction	65.50	65.50	55.50	62.00	31.00
Gabor vector	11.00	0.50	100.00	100.00	77.50

| | Precision rate of model (%) | | | | |
Feature descriptor	KNN (k=1)	KNN (k=3)	KNN (k=5)	KNN (k=10)	SVM
Full image	84.91	89.47	85.11	87.16	94.52
Dimensionality reduction	80.37	80.37	77.08	78.98	70.45
Gabor vector	88.00	16.67	83.33	83.33	97.48

| | Specificity rate of model (%) | | | | |
Feature descriptor	KNN (k=1)	KNN (k=3)	KNN (k=5)	KNN (k=10)	SVM
Full image	20.00	50.00	30.00	30.00	80.00
Dimensionality reduction	20.00	20.00	17.50	17.50	35.00
Gabor vector	92.50	87.50	0.00	0.00	90.00

| | F1 rate of model (%) | | | | |
Feature descriptor	KNN (k=1)	KNN (k=3)	KNN (k=5)	KNN (k=10)	SVM
Full image	87.38	87.18	82.47	90.91	79.77
Dimensionality reduction	72.18	72.18	64.53	69.47	43.06
Gabor vector	19.56	97.09	90.91	90.91	86.35

Feature descriptor	False alarm rate of model (%)				
	KNN (k=1)	KNN (k=3)	KNN (k=5)	KNN (k=10)	SVM
Full image	80.00	50.00	70.00	70.00	20.00
Dimensionality reduction	80.00	80.00	82.50	82.50	65.00
Gabor vector	7.50	12.50	100.00	100.00	10.00