Correct results on the **test-before.csv** dataset

```
0.0621,0.4999,0.5410,0.2079,0.2594,0.0613,0
0.8073,0.7474,0.6721,0.2634,0.2038,0.0586,0
0.3105,0.6030,0.4187,0.0000,0.0000,0.0900,0
0.3105,0.5618,0.6148,0.3604,0.0000,0.0950,0
0.1863,0.8144,0.6230,0.4990,0.4539,0.1597,1
0.1863,0.6039,0.4754,0.1525,0.1000,0.0655,1
0.6832,0.7114,0.6230,0.0000,0.0000,0.0877,1
0.5589,0.5258,0.6230,0.5129,0.0000,0.0869,0
0.1242,0.4639,0.5574,0.5822,0.0000,0.1009,1
0.2484,0.5722,0.5902,0.6515,0.3835,0.0979,0
```

```
LogR average cross-validation accuracy: 0.6700
NB average cross-validation accuracy: 0.6555
DT average cross-validation accuracy: 0.7702
Bagging average cross-validation accuracy: 0.7514
AdaBoost average cross-validation accuracy: 0.7562
GB average cross-validation accuracy: 0.7464
```

```
KNN best k: 1
KNN best p: 1
KNN cross-validation accuracy: 0.7329
KNN test set accuracy: 0.6415

SVM best C: 5.0000
SVM best gamma: 10.0000
SVM cross-validation accuracy: 0.6858
SVM test set accuracy: 0.5849

RF best n_estimators: 60
RF best max_leaf_nodes: 12
RF cross-validation accuracy: 0.7883
RF test set accuracy: 0.6981
RF test set macro average F1: 0.6845
RF test set weighted average F1: 0.6956
```