

```
SVC(C=10, cache_size=500, class_weight='balanced', coef0=0.0,
    decision_function_shape='ovr', degree=1, gamma=0.0001, kernel='rbf',
    max_iter=-1, probability=False, random_state=2, shrinking=True, tol=0.9,
    verbose=False)
0.687041564792176
[0.70422535 0.66836735]
SVC(C=10, cache_size=500, class_weight='balanced', coef0=0.0,
    decision_function_shape='ovr', degree=1, gamma=0.0002, kernel='rbf',
    max_iter=-1, probability=False, random_state=2, shrinking=True, tol=0.9,
    verbose=False)
0.7286063569682152
[0.73853211 0.71727749]
SVC(C=10, cache_size=500, class_weight='balanced', coef0=0.0,
    decision_function_shape='ovr', degree=1, gamma=0.0003, kernel='rbf',
    max_iter=-1, probability=False, random_state=2, shrinking=True, tol=0.9,
    verbose=False)
0.7334963325183375
[0.74311927 0.72251309]
SVC(C=10, cache_size=500, class_weight='balanced', coef0=0.0,
    decision_function_shape='ovr', degree=1, gamma=0.0004, kernel='rbf',
    max_iter=-1, probability=False, random_state=2, shrinking=True, tol=0.9,
    verbose=False)
0.7163814180929096
[0.71806167 0.71428571]
SVC(C=10, cache_size=500, class_weight='balanced', coef0=0.0,
    decision_function_shape='ovr', degree=1, gamma=0.0005, kernel='rbf',
    max_iter=-1, probability=False, random_state=2, shrinking=True, tol=0.9,
    verbose=False)
0.7286063569682152
[0.7300885 0.72677596]
SVC(C=10, cache_size=500, class_weight='balanced', coef0=0.0,
    decision_function_shape='ovr', degree=1, gamma=0.0006, kernel='rbf',
    max_iter=-1, probability=False, random_state=2, shrinking=True, tol=0.9,
    verbose=False)
0.7359413202933985
[0.72765957 0.74712644]
SVC(C=10, cache_size=500, class_weight='balanced', coef0=0.0,
    decision_function_shape='ovr', degree=1, gamma=0.0007, kernel='rbf',
    max_iter=-1, probability=False, random_state=2, shrinking=True, tol=0.9,
    verbose=False)
0.7237163814180929
[0.71982759 0.72881356]
SVC(C=10, cache_size=500, class_weight='balanced', coef0=0.0,
    decision_function_shape='ovr', degree=1, gamma=0.0008, kernel='rbf',
    max_iter=-1, probability=False, random_state=2, shrinking=True, tol=0.9,
    verbose=False)
0.7114914425427873
[0.71179039 0.71111111]
SVC(C=10, cache_size=500, class_weight='balanced', coef0=0.0,
    decision_function_shape='ovr', degree=1, gamma=0.0009, kernel='rbf',
    max_iter=-1, probability=False, random_state=2, shrinking=True, tol=0.9,
    verbose=False)
0.7041564792176039
[0.70258621 0.70621469]
Trained and tested with 2.500% of the cleaned data set(163336 images)
```









