

```
SVC(C=0.1, cache_size=500, class_weight='balanced', coef0=0.0,
    decision_function_shape='ovr', degree=1, gamma=0.0007, kernel='poly',
    max_iter=-1, probability=False, random_state=2, shrinking=True,
    tol=0.001, verbose=False)
0.655
[0.68539326 0.63063063]
SVC(C=0.1, cache_size=500, class_weight='balanced', coef0=0.0,
    decision_function_shape='ovr', degree=2, gamma=0.0007, kernel='poly',
    max_iter=-1, probability=False, random_state=2, shrinking=True,
    tol=0.001, verbose=False)
0.67
[0.71428571 0.63793103]
SVC(C=0.1, cache_size=500, class_weight='balanced', coef0=0.0,
    decision_function_shape='ovr', degree=3, gamma=0.0007, kernel='poly',
    max_iter=-1, probability=False, random_state=2, shrinking=True,
    tol=0.001, verbose=False)
0.63
[0.65555556 0.60909091]
SVC(C=0.1, cache_size=500, class_weight='balanced', coef0=0.0,
    decision_function_shape='ovr', degree=4, gamma=0.0007, kernel='poly',
    max_iter=-1, probability=False, random_state=2, shrinking=True,
    tol=0.001, verbose=False)
0.615
[0.63736264 0.59633028]
SVC(C=0.1, cache_size=500, class_weight='balanced', coef0=0.0,
    decision_function_shape='ovr', degree=5, gamma=0.0007, kernel='poly',
    max_iter=-1, probability=False, random_state=2, shrinking=True,
    tol=0.001, verbose=False)
0.62
[0.63829787 0.60377358]
SVC(C=0.1, cache_size=500, class_weight='balanced', coef0=0.0,
    decision_function_shape='ovr', degree=6, gamma=0.0007, kernel='poly',
    max_iter=-1, probability=False, random_state=2, shrinking=True,
    tol=0.001, verbose=False)
0.62
[0.63541667 0.60576923]
SVC(C=0.1, cache_size=500, class_weight='balanced', coef0=0.0,
    decision_function_shape='ovr', degree=7, gamma=0.0007, kernel='poly',
    max_iter=-1, probability=False, random_state=2, shrinking=True,
    tol=0.001, verbose=False)
0.62
[0.625      0.61458333]
Trained and tested with 1.018% of the cleaned data set(196464 images)
```







