```
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)
0.6976744186046512
[0.72368421 0.67505721]
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)
0.7025703794369645
[0.72774869 0.68045977]
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)
0.7135862913096696
[0.72932331 0.69856459]
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)
0.7246022031823746
[0.73762376 0.71186441]
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)
0.7111383108935129
[0.7314578  0.69248826]
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)
0.7111383108935129
[0.71912833 0.7029703 ]
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)
0.7001223990208079
[0.70772947 0.69230769]
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)
0.6952264381884945
[0.7        0.69017632]
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)
0.6866585067319462
[0.69876543 0.67475728]
Trained and tested with 5.000% of the cleaned data set(163336 images)
```

Confusion matrix

Confusion matrix

Confusion matrix

Confusion matrix

Confusion matrix

Confusion matrix

Confusion matrix

Confusion matrix

Confusion matrix