100% 5/5 [19:48<00:00, 208.38s/it]
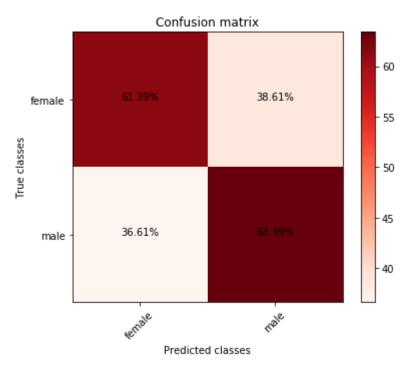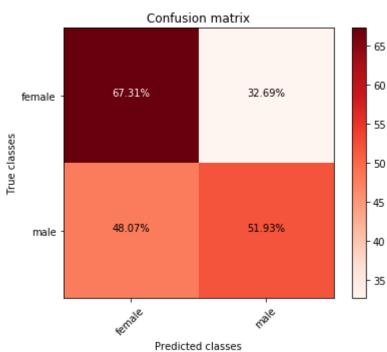
```
LinearDiscriminantAnalysis(n_components=None, priors=None, shrinkage=None,
            solver='svd', store_covariance=False, tol=0.0001)
0.5521628498727735
[0.54925373 0.55520833]
LogisticRegression(C=1.0, class_weight=None, dual=False, fit_intercept=True,
        intercept_scaling=1, max_iter=100, multi_class='ovr',
        n_jobs=None, penalty='l2', random_state=None, solver='saga',
        tol=0.0001, verbose=0, warm_start=False)
0.6239185750636133
[0.62474012 0.62313061]
KNeighborsClassifier(algorithm='auto', leaf_size=30, metric='minkowski',
        metric_params=None, n_jobs=None, n_neighbors=198, p=2,
        weights='uniform')
0.5959287531806616
[0.58164166 0.61538462]
GaussianNB(priors=None, var_smoothing=1e-09)
0.5837150127226464
[0.57615894 0.59251101]
RandomForestClassifier(bootstrap=True, class_weight=None, criterion='gini',
        max_depth=None, max_features='auto', max_leaf_nodes=None,
        min_impurity_decrease=0.0, min_impurity_split=None,
        min_samples_leaf=1, min_samples_split=2,
        min_weight_fraction_leaf=0.0, n_estimators=10, n_jobs=None,
        oob_score=False, random_state=2, verbose=0, warm_start=False)
0.594910941475827
[0.58265583 0.61072261]
```

Trained and tested with 10.000% of the cleaned data set(196464 images)

Confusion matrix

Confusion matrix

Confusion matrix

Confusion matrix

Confusion matrix