```
Clasificador:  lda
ROC_AUC:  0.8377525252525253

 {'balancing:strategy': 'weighting',
  'classifier:__choice__': 'lda',
  'data_preprocessor:__choice__': 'feature_type',
  'feature_preprocessor:__choice__': 'select_percentile_classification',
  'classifier:lda:shrinkage': 'auto',
  'classifier:lda:tol': 6.0032858147419916e-05,
  'data_preprocessor:feature_type:numerical_transformer:imputation:strategy': 'median',
  'data_preprocessor:feature_type:numerical_transformer:rescaling:__choice__': 'robust_scaler',
  'feature_preprocessor:select_percentile_classification:percentile': 14.37566755814856,
  'feature_preprocessor:select_percentile_classification:score_func': 'mutual_info',
  'data_preprocessor:feature_type:numerical_transformer:rescaling:robust_scaler:q_max': 0.9463407580961114,
  'data_preprocessor:feature_type:numerical_transformer:rescaling:robust_scaler:q_min': 0.26267480188270903}
```