The model has been trained over the dataset of 300 observations, using cross validation with 5 folds.

The results on the tests folds for each iteration are:

Started fold 0

{'accuracy': 0.8166666666666667, 'f1\_score': 0.8196721311475409, 'precision': 0.8620689655172413, 'recall': 0.78125, 'auc': 0.9012276785714285, 'aurpc': 0.8154770936035765, 'accuracy\_ci\_95': 0.0979092172107142}

Started fold 1

{'accuracy': 0.8, 'f1\_score': 0.8378378378378377, 'precision': 0.8611111111111112, 'recall': 0.8157894736842105, 'auc': 0.8821770334928232, 'aurpc': 0.7585050616409663, 'accuracy\_ci\_95': 0.10121396478088715}

Started fold 2

{'accuracy': 0.8, 'f1\_score': 0.8064516129032258, 'precision': 0.7575757575757576, 'recall': 0.8620689655172413, 'auc': 0.9054505005561734, 'aurpc': 0.6222898995983253, 'accuracy\_ci\_95': 0.10121396478088715}

Started fold 3

{'accuracy': 0.75, 'f1\_score': 0.7887323943661971, 'precision': 0.717948717948718, 'recall': 0.875, 'auc': 0.802455357142857, 'aurpc': 0.7482978389337215, 'accuracy\_ci\_95': 0.10956733089748968}

Started fold 4

{'accuracy': 0.8333333333333334, 'f1\_score': 0.84375, 'precision': 0.84375, 'recall': 0.84375, 'auc': 0.9263392857142857, 'aurpc': 0.9039122294857906, 'accuracy\_ci\_95': 0.09430054396763886}

Average metrics for 5 folds:

{'accuracy': 0.8, 'f1\_score': 0.8192887952509602, 'precision': 0.8084909104305655, 'recall': 0.8355716878402903, 'auc': 0.8835299710955136, 'aurpc': 0.7696964246524761, 'accuracy\_ci\_95': 0.10084100432752341}