Cl\_kmeans:

Accuracy: 0.44795490298898794

Prediction time: 0.0030930042266845703 seconds

Precision: 0.27761435950219016

Recall: 0.44795490298898794

F1 score: 0.31720490586075123

Tuned Cl\_kmeans:

Best parameters:

{'n': 896}

Accuracy: 0.512650760356581

Prediction time: 0.014245271682739258 seconds

Precision: 0.5302458863487508

Recall: 0.512650760356581

F1 score: 0.42971138162110234

Cl\_kmeans with biased classifier:

Accuracy: 0.44795490298898794

Prediction time: 0.02752208709716797 seconds

Precision: 0.27761435950219016

Recall: 0.44795490298898794

F1 score: 0.31720490586075123

Tuned Cl\_kmeans with biased classifier:

Best parameters:

{'n': 108, 'threshold': 0.9833550588797267}

Accuracy: 0.6277530152071317

Prediction time: 0.02047586441040039 seconds

Precision: 0.7026322478783

Recall: 0.6277530152071317

F1 score: 0.5898632881319523