

Cardiac Risk & Regression Lab (synthetic demo)

Generated: 2026-02-01T15:20:18

Rows: 8000 Seed: 42

Test fraction: 0.25 Threshold: 0.5

Training summary

Rows: 8,000 | Seed: 42 | Test fraction: 0.25

Logistic Regression (event_30d):

Threshold: 0.50

Accuracy: 0.693

ROC AUC: 0.714

Confusion matrix: $\begin{bmatrix} 1147 & 125 \\ 490 & 238 \end{bmatrix}$

Ridge Regression (ntprobnp):

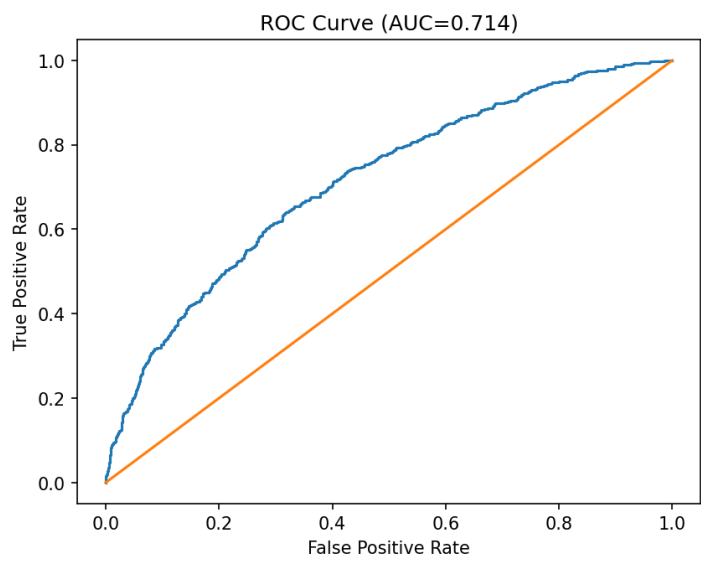
MAE: 82.1

RMSE: 94.9

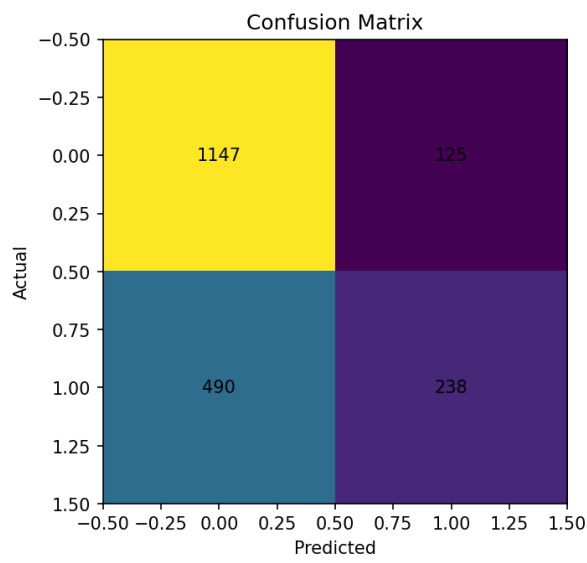
R²: 0.773

Plots

ROC Curve



Confusion Matrix



Regression: Predicted vs Actual NT-proBNP

