Healthcare-ML: Clinical Risk Modeling with API Data

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Abstract

We present a reproducible, API-driven clinical risk pipeline with AUROC/AUPRC evaluation and calibration analysis.

1 Data & Method

We load a public medical dataset via API (fallback to scikit-learn breast cancer), train a calibrated classifier, and evaluate.

2 Results

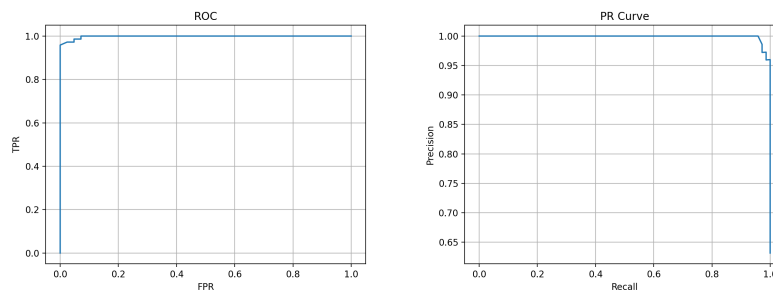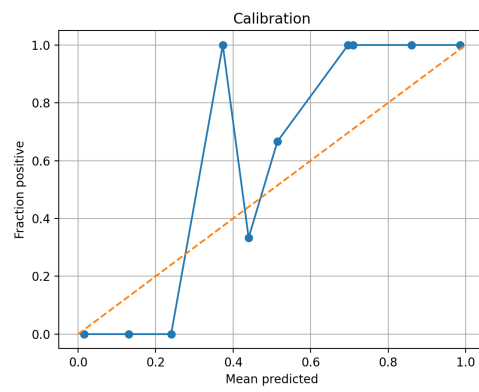| Metric	Value
AUROC	0.9982
AUPRC	0.9989

Figure 1: ROC and PR curves.

Figure 2: Calibration curve.