

MIMIC 기반 기존 연구 리뷰 및 재현 보고서 // Appendix

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1 Pneumothorax

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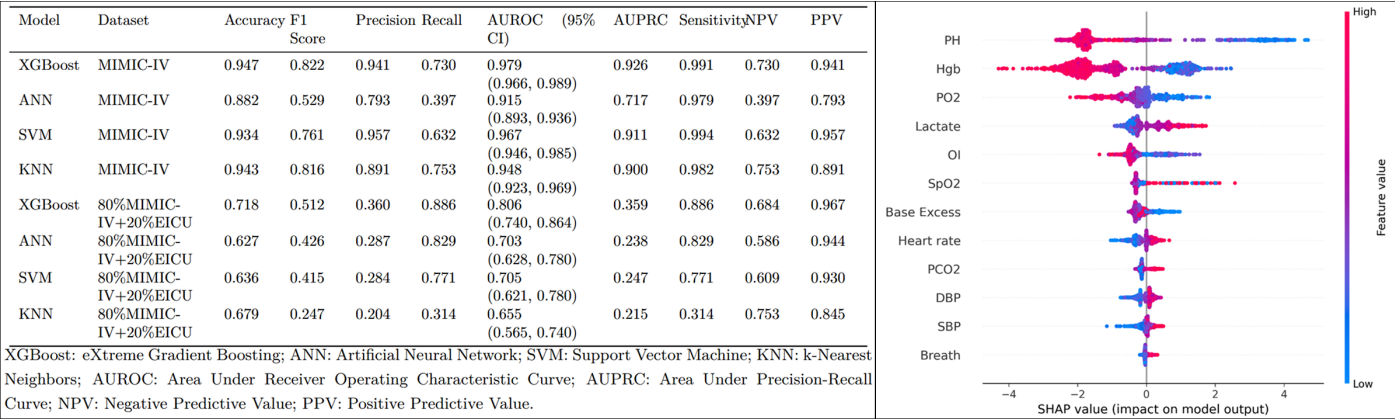


Figure 1: Original Research Performance Evaluation and SHAP Analysis Results. (Left) Model Performance Comparison Table for MIMIC-IV Internal Validation and EICU External Validation. (Right) SHAP Summary Plot for XGBoost Model, showing pH, Hgb, PO2 as the most influential factors in prediction.

Table 1: Environment and Key Library Versions

Software / Library	Version
Python	3.12.12
CUDA	13.0
XGBoost	3.1.2
Scikit-learn	1.7.2
SHAP	0.48.0
Pandas	2.3.3
NumPy	2.3.4
SciPy	1.16.3