**TITLE**

**Prediction of Intraoperative Acquired Pressure Injury in Elderly Cardiac Surgery Patients Using Machine Learning: Model Development with MIMIC-IV and External Validation**

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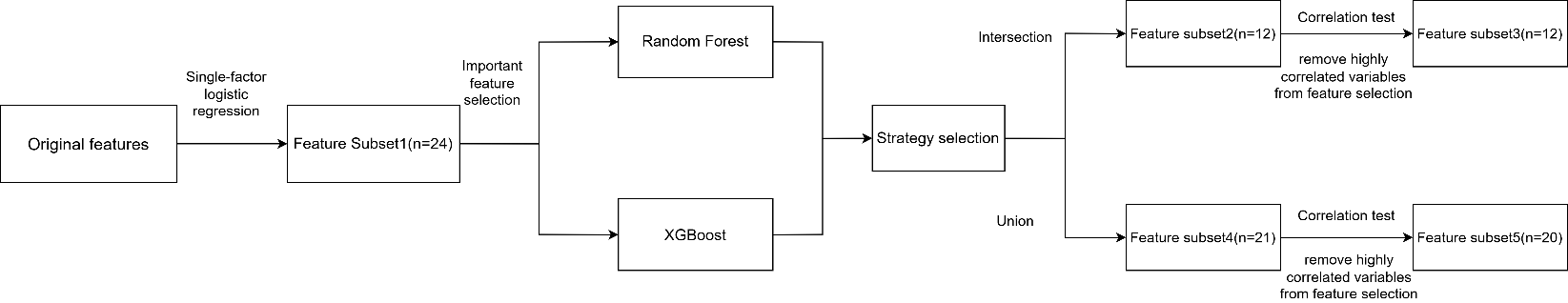
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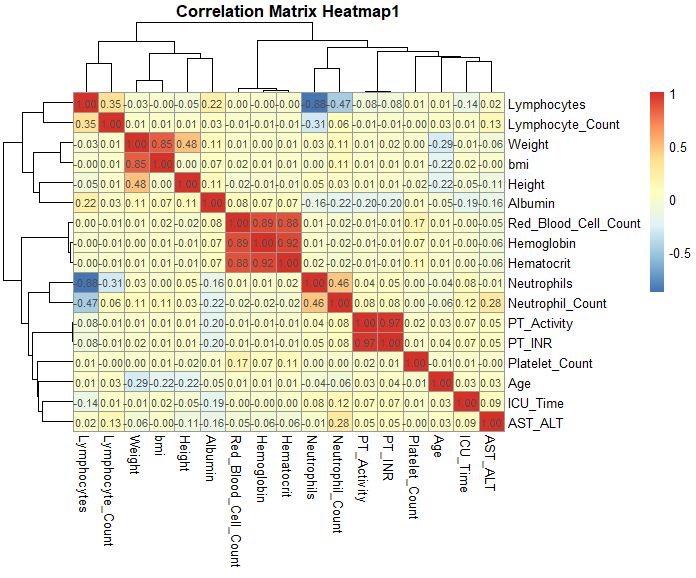
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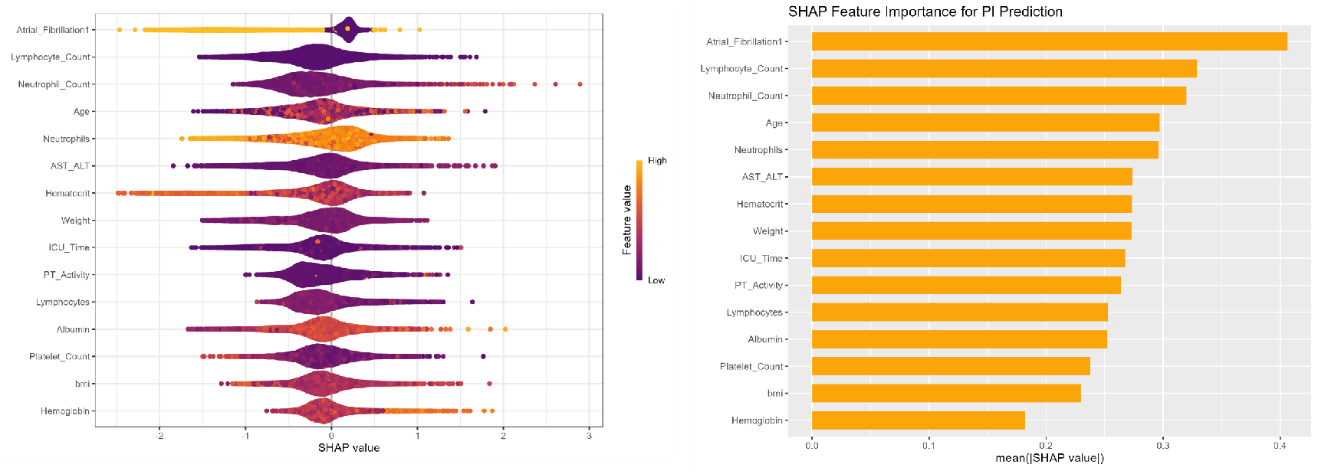
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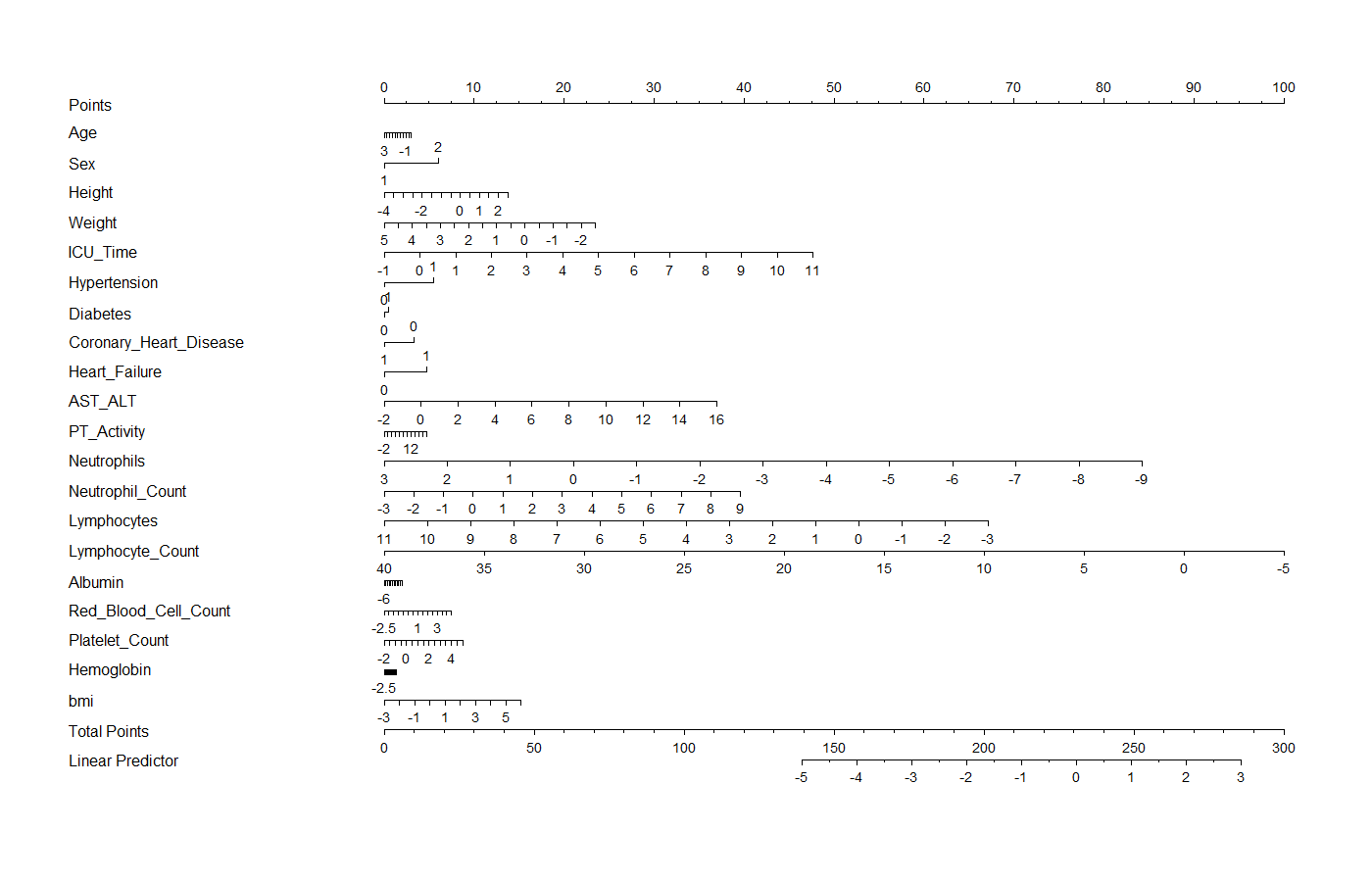
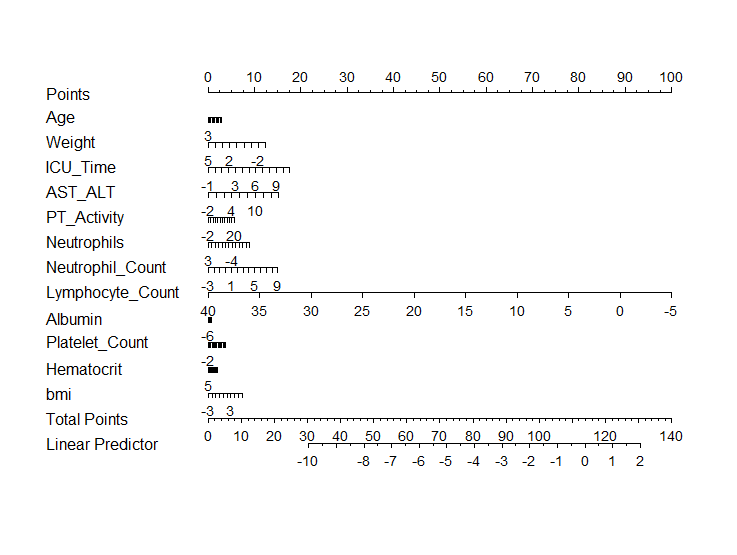
**Figure S1.** Feature selection flowchart.



**Figure S2.** Correlation check results of the feature subset.



**Figure S3.** SHAP Analysis.



A

B

**Fig S4.** LASSO regression nomogram. (a) Feature intersection. (b) Feature union.