**Top 25 Features by Importance** Blood loss missing pancreatic texture Center\_type ASA LDP modalities Center expertise Gastric hanging Past surgical history Anatomical pathology Men Pancreatic approach Cholecystectomy Specimen extraction scar Clinical presentation Panned splenectomy Drainage\_modalities Tumor\_size\_mm Pancreatic\_section\_level pancreatic\_texture\_missing BMI Conversion\_to\_laparotomy Blood loss Age Feature Type Operative\_duration Binary Center\_MIP\_mean Continuous Categorical 0.00 0.05 0.10 0.15 0.20 0.25

Mean |SHAP value|