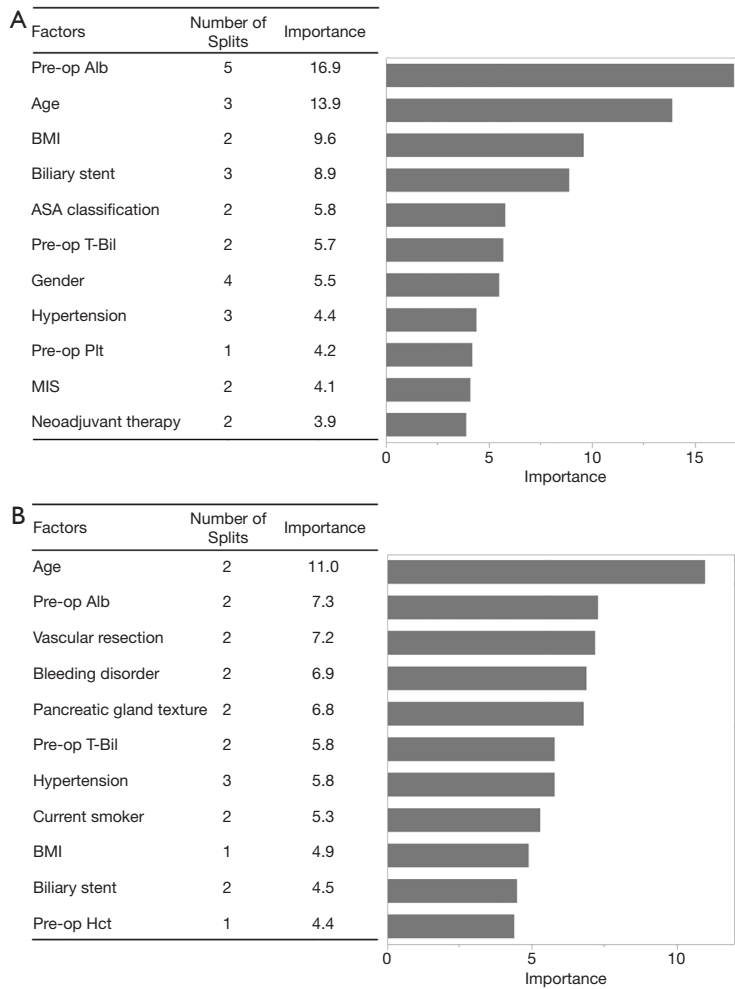


**Figure S1** Analytical sample of the patients included from the ACS NSQIP database.



**Figure S2** Relative effect of each factor to predict 30-day mortality based on the classification tree model among patients undergoing: (A) hepatectomy and (B) pancreatectomy.

**Table S1** Primary current procedural terminology (CPT) codes to identify cases

Procedures	CPT codes
Hepatectomy	
Hepatectomy, resection of liver; partial lobectomy	47120
Hepatectomy, resection of liver; trisegmentectomy	47122
Hepatectomy, resection of liver; total left lobectomy	47125
Hepatectomy, resection of liver; total right lobectomy	47130
Pancreatectomy	
Excision of lesion of pancreas (e.g., cyst, adenoma)	48120
Pancreatectomy, distal subtotal, with or without splenectomy; without pancreaticojejunostomy	48140
Pancreatectomy, distal subtotal, with or without splenectomy; with pancreaticojejunostomy	48145
Pancreatectomy, distal, near-total with preservation of duodenum (Child-type procedure)	48146
Pancreatectomy, proximal subtotal with total duodenectomy, partial gastrectomy, choledochoenterostomy and gastrojejunostomy (Whipple-type procedure); with pancreaticojejunostomy	48150
Pancreatectomy, proximal subtotal with total duodenectomy, partial gastrectomy, choledochoenterostomy and gastrojejunostomy (Whipple-type procedure); without pancreaticojejunostomy	48152
Pancreatectomy, proximal subtotal with near-total duodenectomy, choledochoenterostomy and duodenojejunostomy (pylorus-sparing, Whipple-type procedure); with pancreaticojejunostomy	48153
Pancreatectomy, proximal subtotal with near-total duodenectomy, choledochoenterostomy and duodenojejunostomy (pylorus-sparing, Whipple-type procedure); without pancreaticojejunostomy	48154
Pancreatectomy, total	48155