Supplementary Table 1. Univariate and multivariate analyses for severe complications (Clavien-Dindo grade ≥ III)

Variable	Univariate analysis		Multivariate analysis	
	OR (95% CI)	P-value	OR (95% CI)	P-value
Patient characteristic				
Age	1.033 (0.997–1.033)	0.072	NA	NA
Male sex	2.028 (1.029–3.996)	0.041	1.581 (0.760–3.287)	0.221
Body mass index	1.104 (0.997–1.222)	0.057	NA	NA
ASA PS classification, III vs. I, II	2.044 (0.914–4.567)	0.082	NA	NA
Hypertension	1.541 (0.817–2.905)	0.182	NA	NA
Diabetes mellitus	1.324 (0.698–2.512)	0.391	NA	NA
Cardiac disease	2.133 (0.639–7.122)	0.218	NA	NA
Respiratory disease	2.578 (0.229–29.036)	0.443	NA	NA
Neoadjuvant therapy	0.702 (0.309–1.595)	0.398	NA	NA
Previous major abdominal surgery	1.599 (0.503–5.207)	0.419	NA	NA
Diagnostic and operative factor				
Diagnosis related to pancreas (others)	4.212 (2.104–8.432)	<0.001	4.447 (2.162–9.148)	<0.001
Malignancy	1.972 (0.667–5.831)	0.220	NA	NA
SMV/PV resection	1.730 (0.692–4.325)	0.241	NA	NA
Pancreatic texture (soft vs. firm or hard)	1.339 (0.685–2.617)	0.393	NA	NA
Size of main pancreatic duct	0.788 (0.621–1.002)	0.051	NA	NA
Duration of operation	1.010 (1.004–1.015)	0.001	1.010 (1.004–1.016)	0.001
Estimated blood loss	1.001 (1.000–1.001)	0.102	NA	NA
Type of operation (mBM)	1.599 (0.840–3.045)	0.153	NA	NA

OR, odds ratio; CI, confidence interval; NA, not applicable; ASA, American Society of Anesthesiologists; PS, physical status; SMV, superior mesenteric vein; PV, portal vein; mBM, modified Blumgart method.