

Supplementary Table 4. Binary logistic regression analysis for factors associated with clinically relevant anastomotic leakage (CR-AL) or clinically relevant postoperative pancreatic fistula (CR-POPF) in the subgroup with intermediate to high risk of CR-POPF

	CR-POPF		CR-AL	
	Odds ratio (95% CI)	<i>P</i> -value	Odds ratio (95% CI)	<i>P</i> -value
NSAIDs use	1.10 (0.73–1.68)	0.643	1.22 (0.82–1.83)	0.328
Female (vs. male)	0.46 (0.34–0.63)	<0.001	0.53 (0.39–0.71)	<0.001
Age, years	1.01 (1.00–1.02)	0.216	1.01 (1.00–1.02)	0.109
Body-mass index, kg/m ²	1.09 (1.05–1.14)	<0.001	1.09 (1.04–1.13)	<0.001
Smoking	0.78 (0.52–1.16)	0.217	0.82 (0.55–1.21)	0.310
ASA physical status III	0.81 (0.47–1.42)	0.465	0.87 (0.51–1.47)	0.594
Neoadjuvant chemotherapy	0.11 (0.02–0.71)	0.021	0.10 (0.02–0.65)	0.016
Neoadjuvant radiation therapy	1.60 (0.12–22.36)	0.725	1.46 (0.11–20.29)	0.779
Pancreatic adenocarcinoma or pancreatitis (vs. all others)	0.36 (0.23–0.58)	<0.001	0.44 (0.29–0.68)	<0.001
Robotic-assisted surgery (vs. open)	0.76 (0.45–1.28)	0.299	0.78 (0.48–1.29)	0.339
Pancreatic stent				
External stent	Reference		Reference	
None	0.73 (0.33–1.63)	0.447	0.68 (0.31–1.50)	0.335
Internal stent	0.59 (0.43–0.81)	0.001	0.64 (0.47–0.87)	0.004
Soft pancreatic texture (vs. firm)	2.10 (1.41–3.14)	<0.001	1.99 (1.36–2.92)	<0.001
Pancreatic duct diameter, mm	0.87 (0.79–0.96)	0.004	0.89 (0.82 – 0.97)	0.011
Surgical time, hour	1.01 (0.89–1.15)	0.861	1.03 (0.91 – 1.16)	0.645
Estimated blood loss				
≤400 mL	Reference		Reference	
401–700 mL	0.85 (0.61–1.19)	0.341	0.85 (0.62–1.18)	0.341
701–1000 mL	1.25 (0.75–2.08)	0.401	1.23 (0.75–2.02)	0.421
>1000 mL	0.99 (0.53–1.84)	0.964	0.92 (0.50–1.69)	0.786
Intraoperative vasopressor use	1.11 (0.78–1.59)	0.559	1.06 (0.75–1.49)	0.753
Intraoperative transfusion	0.94 (0.60–1.50)	0.807	0.95 (0.61–1.49)	0.836
Crystalloid per 100 mL	1.02 (1.00–1.04)	0.029	1.02 (1.00–1.04)	0.017
6% hydroxyethyl starch per 100 mL	1.17 (1.06–1.28)	0.001	1.18 (1.07–1.29)	<0.001
Crystalloid per 100 mL * 6% hydroxyethyl starch per 100 mL	1.00 (0.99–1.00)	0.016	1.00 (0.99–1.00)	0.009

ASA, American Society of Anesthesiologists; BMI, body mass index; CI, confidence interval; NSAIDs, non-steroidal anti-inflammatory drugs.