

Supplementary Table 3. Comparison of the primary and secondary outcomes between patients with and without postoperative non-steroidal anti-inflammatory drugs (NSAIDs) use after pancreaticoduodenectomy before and after inverse probability of treatment weighting (IPTW) in the subgroup with intermediate to high risk of clinically relevant postoperative pancreatic fistula (CR-POPF)

	Before weighting				After weighting			
	No NSAID group (n=1,585)	NSAID group (n=175)	<i>P</i> -value	Odds ratio (95% CI)	No NSAID group (n=1,760)	NSAID group (n=1,546)	<i>P</i> -value	Odds ratio (95% CI)
CR-AL	261 (16.6)	38 (19.9)	0.258	1.25 (0.85, 1.82)	294 (16.7)	319 (20.6)	0.004	1.30 (1.09, 1.54)
CR-POPF	249 (15.9)	34 (17.8)	0.493	1.15 (0.77, 1.70)	281 (16.0)	280 (18.1)	0.099	1.17 (0.97, 1.40)
CR-HL	17 (1.1)	6 (3.1)	0.024	2.96 (1.15, 7.60)	19 (1.1)	52 (3.4)	< 0.001	3.20 (1.89, 5.44)
Any POPF	986 (62.8)	124 (64.9)	0.574	1.09 (0.80, 1.50)	1,108 (62.9)	966 (62.5)	0.796	0.98 (0.85, 1.13)
Any HL	20 (1.3)	6 (3.1)	0.051	2.51 (1.00, 6.33)	22 (1.3)	52 (3.4)	< 0.001	2.71 (1.65, 4.47)
Acute kidney injury	4 (0.3)	1 (0.5)	0.519	2.06 (0.23, 18.52)	5 (0.3)	10 (0.6)	0.106	2.51 (0.82, 7.63)
Wound problem	153 (9.8)	19 (9.9)	0.931	1.02 (0.62, 1.69)	173 (9.8)	157 (10.2)	0.717	1.04 (0.83, 1.31)
Postoperative bleeding	38 (2.4)	6 (3.1)	0.549	1.31 (0.55, 3.13)	43 (2.4)	49 (3.2)	0.212	1.30 (0.86, 1.98)
Delayed gastric emptying	78 (5.0)	13 (6.8)	0.282	1.40 (0.76, 2.56)	88 (5.0)	126 (8.1)	< 0.001	1.69 (1.28, 2.24)
Prolonged postoperative hospitalization	402 (25.6)	60 (31.4)	0.087	1.33 (0.96, 1.84)	452 (25.7)	507 (32.8)	< 0.001	1.41 (1.22, 1.64)
Reoperation within 30days after surgery	14 (0.9)	4 (2.1)	0.131	2.38 (0.77, 7.29)	16 (0.9)	20 (1.3)	0.315	1.41 (0.72, 2.74)
Unplanned readmission within 30days after surgery	90 (5.7)	16 (8.4)	0.150	1.50 (0.86, 2.62)	101 (5.7)	127 (8.2)	0.005	1.48 (1.13, 1.93)

The values are presented as the number (%). CI, confidence interval; CR-AL, clinically relevant anastomotic leakage; CR-HL, clinically relevant hepaticojejunostomy leakage