

**Table S1.** Histopathological results according to tumor histology.

	PDAC (N. 123)			Ampullary cancer (N. 29)			Distal cholangioK (N. 16)		
	Group A (N. 55)	Group B (N. 68)	P	Group A (N. 20)	Group B (N. 9)	p	Group A (N. 9)	Group B (N. 7)	p
Tumor size, main cm (range)	3.09 (3.0– 3.2)	3.11 (3.0– 3.2)	> 0.05	2 (1.8–2.2)	2.2 (1.9– 2.5)	> 0.05	1.57 (1.3– 1.8)	2.6 (2.1–3)	< 0.05
T status:			>			>			> 0.05
- Tis, n. (%)	0 (0%)	0 (0%)	0.05	0 (0%)	0 (0%)	0.05	1 (11.1%)	0 (0%)	
- T1, n. (%)	0 (0%)	0 (1.5%)		2 (10%)	1 (11.1%)		0 (%)	1 (14.3%)	
- T2, n. (%)	0 (0%)	0 (0%)		10 (50%)	2 (22.2%)		0 (0%)	0 (0%)	
- T3, n. (%)	53 (96.4%)	67 (97.0%)		4 (20%)	2 (22.2%)		8 (88.9%)	6 (85.7%)	
- T4, n. (%)	2 (3.6%)	1 (1.5%)		4 (20%)	4 (44.4%)		0 (0%)	0 (0%)	
Nodal involvement, n. (%)	48 (87.2%)	53 (77.9%)	> 0.05	14 (70.0%)	4 (44.4%)	> 0.05	7 (77.7%)	6 (85.7%)	> 0.05
Grading:			>			>			> 0.05
- Gx, n. (%)	5 (9.1%)	6 (8.8%)	0.05	0 (0%)	0 (0%)	0.05	0 (0%)	0 (0%)	
- G1, n. (%)	0 (0%)	2 (2.9%)		1 (5%)	3 (33.3%)		2 (22.2%)	1 (14.3%)	
- G2, n. (%)	29 (52.7%)	35 (51.5%)		6 (30%)	2 (22.2%)		5 (55.5%)	2 (28.6%)	
- G3, n. (%)	20 (36.4%)	24 (35.3%)		13 (65%)	4 (44.4%)		2 (22.2%)	3 (42.0%)	
- G4, n. (%)	1 (1.9%)	6 (8.8%)		0 (0%)	0 (0%)		0 (0%)	1 (14.3%)	
Vascular invasion, n. (%)	29 (52.7%)	41 (60.2%)	> 0.05	12 (60%)	4 (44.4%)	> 0.05	3 (33.3%)	3 (42.8%)	> 0.05
Lymphatic invasion, n. (%)	21 (38.1%)	25 (36.7%)	> 0.05	9 (45.0%)	3 (33.3%)	> 0.05	2 (22.2%)	4 (57.4%)	> 0.05
Perineural invasion, n. (%)	53 (96.3%)	59 (86.7%)	> 0.05	7 (35.0%)	2 (22.2%)	> 0.05	7 (77.7%)	5 (71.4%)	> 0.05
N. of retrieved LN*, mean (range)	43.1 (12– 97)	30.6 (5–97)	<.001	32.5 (17– 50)	24.7 (14– 39)	< 0.05	34.7 (21–48)	25.8 (18– 38)	< 0.05
N. of metastatic LN*, mean (range)	5.5 (0–29)	4.9 (0–25)	> 0.05	3.6 (0–16)	0.8 (0–3)	> 0.05	1.8 (0–4)	3.7 (0–12)	> 0.05
N. of blocks, mean (range)	49.2 (20– 95)	37.0 (13– 109)	< 0.01	49 (25–77)	29.6 (15– 70)	< 0.01	53.8 (33–70)	34 (16–83)	< 0.05
Adjuvant	47 (85.4%)	49 (73.1%)	>	13 (65.0%)	2 (22.2%)	<	7 (77.7%)	7 (100%)	> 0.05

treatment, <i>n.</i> (%)			0.05			0.05			
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\*LN: lymphnode