Supplementary Table 1. Comparison of Patient Characteristics between Low CA19-9 and High CA19-9 Groups

	Low CA19-9 (n=20)	High CA19-9 (n=21)	*p* value
Age (yr)			0.162
<70	9 (45.0)	14 (66.7)	
≥70	11 (55.0)	7 (33.3)	
Sex			0.162
Male	9 (45.0)	14 (66.7)	
Female	11 (55.0)	7 (33.3)	
Location			0.393
Head/uncinated process	14 (70.0)	12 (57.1)	
Body/tail	6 (30.0)	9 (42.9)	
Tumor size (clinical, cm)	2.8 (1.0–4.6)	3 (1.0–8.0)	0.283
CEA (ng/mL)	2.4 (0.8–14.4)	3.9 (0.8–144.8)	0.141
LVI			0.155
No	13 (65.0)	9 (42.9)	
Yes	7 (35.0)	12 (57.1)	
PNI			0.067
No	5 (25.0)	1 (4.8)	
Yes	15 (75.0)	20 (95.2)	
pT stage			0.037
T1–2	15 (75.0)	9 (42.9)	
T3	5 (25.0)	12 (57.1)	
pN stage			0.658
N0	8 (40.0)	7 (33.3)	
N1–2	12 (60.0)	14 (66.7)	
Margin status			0.929
Negative	15 (75.0)	16 (76.2)	
Positive	5 (25.0)	5 (23.8)	
Degree of resection			0.719
Wide R0	16 (80.0)	15 (71.4)	
Narrow R0/R1	4 (20.0)	6 (28.6)	

CA19-9, carbohydrate antigen 19-9; CEA, carcinoembryonic antigen; LVI, lymphovascular invasion; PNI, perineural invasion.
Data are presented as median (range) or n (%).