

**Supplementary table S1.** Univariate and multivariate analysis of predictive factors of distant recurrence (for patients with recurrence only).

	Univariate analysis		Multivariate analysis	
	OR (95 IC)	p value	OR (95 IC)	p value
Pre-op CA 19.9 > 70.5 UI/L	0.94 (0.51-1.75)	0.852		
Post-op CA-19.9 > 15 UI/L	1.26 (0.67-2.39)	0.472		
T3-T4	1.01 (0.43-2.38)	0.979		
Nodal metastases (N+)	1.25 (0.57-2.77)	0.580		
G3-G4	<b>2.00 (1.06-3.75)</b>	<b>0.031</b>	1.82 (0.96-3.46)	0.067
R1 resection	1.46 (0.82-2.58)	0.198		
Lymphovascular invasion	<b>1.86 (1.03-3.35)</b>	<b>0.039</b>	1.70 (0.93-3.10)	0.083
Perineural invasion	1.55 (0.45-5.32)	0.487		

OR: odds ratio; IC: interval confidence; BMI: body mass index; CRP: C-reactive protein; NLR: neutrophil/lymphocyte ratio; PLR: platelet/lymphocyte ratio; PD: Pancreatoduodenectomy; DP: distal pancreatectomy; TP: total pancreatectomy; POPF: post-operative pancreatic fistula.