

Supplemental Table 1. Independent risk factors for overall survival in central and peripheral type intrahepatic cholangiocarcinoma

Variable	Central type (n = 131)				Peripheral type (n = 187)			
	Univariate analysis		Multivariate analysis		Univariate analysis		Multivariate analysis	
	HR (95% CI)	P-value	HR (95% CI)	P-value	HR (95% CI)	P-value	HR (95% CI)	P-value
Preoperative CEA, >5.0 IU/mL	2.37 (1.46–3.84)	<0.001	1.08 (0.60–1.98)	0.786	2.21 (1.35–3.60)	0.002	1.63 (0.95–2.79)	0.077
Preoperative CA 19-9, >37 ng/mL	2.13 (1.38–3.28)	0.001	1.71 (1.07–2.74)	0.025	2.17 (1.44–3.25)	<0.001	1.86 (1.22–2.86)	0.004
Periductal infiltrative type	1.10 (0.72–1.67)	0.674	NS	NS	1.17 (0.63–2.20)	0.617	NS	NS
Tumor size, >5 cm	2.83 (1.87–4.31)	<0.001	2.76 (1.70–4.45)	<0.001	1.84 (1.24–2.73)	0.003	1.26 (0.80–1.97)	0.317
Vascular invasion, microscopic	2.54 (1.63–3.97)	<0.001	1.76 (1.05–2.93)	0.031	2.09 (1.41–3.11)	<0.001	1.35 (0.87–2.10)	0.176
Multiple tumors	2.62 (1.58–4.42)	0.001	1.36 (0.75–2.46)	0.305	2.79 (1.74–4.50)	<0.001	2.72 (1.59–4.65)	<0.001
T3–4 stage	1.65 (1.10–2.48)	0.017	1.15 (0.73–1.84)	0.546	2.30 (1.43–3.70)	0.001	1.66 (0.98–2.79)	0.059
Lymph node metastasis								
N0	1.0 (Reference)		1.0 (Reference)		1.0 (Reference)		1.0 (Reference)	
N1	2.24 (1.34–3.76)	0.001	2.23 (1.30–3.85)	0.004	4.31 (2.44–7.61)	<0.001	3.21 (1.77–5.83)	<0.001
Nx	0.84 (0.52–1.37)	0.484	1.83 (1.03–3.25)	0.039	1.20 (0.75–1.93)	0.455	1.18 (0.71–1.95)	0.532
R1 resection	1.92 (1.18–3.11)	0.008	1.08 (0.63–1.83)	0.789	2.64 (1.27–5.49)	0.009	2.92 (1.12–7.61)	0.029

HR, hazard ratio; CI, confidence interval; Nx, lymph nodes cannot be assessed; NS, not significant.