

Table 6 Uni- and multivariate analyses of risk factors for survival (n=75).

Variables	n	Univariate	Multivariate		
		<i>P</i> *	HR	95% CI	<i>P</i> **
Male	49	0.685			
Age \geq 75 years	15	0.048	–	–	–
CEA >5 ng/ml	22	0.670			
CA19-9 >37 U/ml	54	0.996			
Operation time \geq 480 min	28	0.982			
Blood loss \geq 1000 ml	14	0.878			
Blood transfusion (+)	18	0.016	–	–	–
T3, 4	8	0.002	2.900	1.308 – 6.428	0.009
LN metastasis (+)	47	0.257			
LN ratio >0.1	31	0.009	2.040	1.147 – 3.628	0.015
Histology (mod, por, or others)	50	0.273			
Lymphatic invasion (+)	60	0.134			
Venous invasion (+)	69	0.569			
Perineural invasion (+)	64	0.624			
Portal vein invasion (+)	8	0.179			

Residual tumor (R1)	8	0.224			
Adjuvant chemotherapy (-)	9	0.002	3.569	1.636 – 7.783	0.001

*Log-rank test **Cox proportional hazard model

CA19-9 carbohydrate antigen 19-9, *CEA* carcinoembryonic antigen, *CI* confidence interval, *HR*

hazard ratio, *LN* lymph node, *Mod* moderately, *Por* poorly.