

Table S2 Univariate and multivariate analysis of clinic pathological factors for overall survival

Variables	Univariate Analysis	P value	Multivariate Analysis	
	HR (95% CI)		HR (95% CI)	P value
circHAS2 (low vs. high)	0.58(0.35-0.95)	0.03*		
Age (≥ 60 vs. < 60)	0.72(0.44-1.15)	0.17		
Gender (male vs. female)	1.04(0.64-1.69)	0.87		
Pathological stage (I-II vs. III-IV)	0.40(0.22-0.70)	$<0.001^*$		
T stage (T1-2 vs. T3-4)	0.49(0.26-0.92)	0.03*		
Lymph node metastasis (N0 vs. N1-2)	0.38(0.22-0.65)	$<0.001^*$		
Distant metastasis (M0 vs. M1)	0.49(0.31-0.80)	$<0.001^*$	0.47(0.25-0.90)	0.02

*p < 0.05 (chi-square test).