

**Table S1** Univariate/multivariate logistics regression analysis of the significant factors of J waves (n=273)

Variables	Univariate model		Multivariate model	
	OR (95% CI)	P value	OR (95% CI)	P value
Cardiac compression by tumor				
No	Reference			
Yes	7.33 (4.21–12.74)	<0.001	7.15 (4.09–12.48)	<0.001
Severe cardiac events				
No	Reference			
Yes	2.84 (1.22–6.63)	0.02	2.52 (0.99–6.36)	0.05
Segment of the esophagus				
Upper-thoracic	Reference			
Upper-middle thoracic	0.69 (0.25–1.94)	0.48		
Middle-thoracic	0.89 (0.36–2.20)	0.80		
Middle-lower thoracic	0.79 (0.33–1.89)	0.60		
Lower-thoracic	0.60 (0.22–1.63)	0.32		
Surgery history				
No	Reference			
Yes	0.86 (0.53–1.40)	0.55		
Gender				
Male	Reference			
Female	0.70 (0.37–1.33)	0.28		
Age				
<60 years	Reference			
≥60 years	1.08 (0.63–1.87)	0.78		

Upper-middle thoracic means that the tumor crossed the upper and middle thoracic segments; middle-lower thoracic means that the tumor crossed the middle and lower thoracic segments. OR, odds ratio; CI, confidence interval.