

Table S1. Univariate and Multivariate Analysis of Post-recurrence Survival after Metachronous Isolated Supraclavicular Lymph Node Metastasis

Variables		No.	Median Survival Time (Months)	95% CI * of Median	<i>p</i> Δ Value	HR	95% CI of HR	<i>p</i> Value
<i>Initial clinical features</i>								
Age (years)	≤40	42	45.3	24.3– 66.3	0.673	–		
	>40	97	44.2	34.2– 54.1				
Tumor size (cm)	≤3	92	46.9	38.6– 55.2	0.397	–		
	>3	47	38.6	15.0– 62.3				
Axillary involvement	Yes	105	41.6	30.9– 52.2	0.118	–		
	No	34	51.4	31.2– 71.6				
Estrogen receptor status	Positive	75	44.2	21.6– 66.7	0.391	–		
	Negative	57	46.5	38.6– 54.3				
Progesterone receptor status	Positive	69	49.0	35.5– 62.5	0.690	–		
	Negative	63	44.6	33.5– 55.7				
HER-2/ neu	Positive	38	46.5	38.2– 54.7	0.987	–		
	Negative	48	51.4	28.1– 74.8				
SBR grade	1	15	68.2	54.3– 82.0	0.367	–		
	2	46	49.7	40.3– 59.0				
	3	48	36.1	29.8– 42.5				
Axillary level II dissection	Yes	118	44.6	38.2– 51.0	0.977	–		
	No	21	32.0	20.4– 43.5				
<i>Adjuvant therapy before relapse</i>								
Chemotherapy	Yes	124	44.6	37.5– 51.7	0.717	–		
	No	15	20.2	7.6– 32.8				
Hormonal therapy	Yes	73	49.0	29.4– 68.6	0.255	–		
	No	66	43.9	34.2–				

Radiotherapy	Yes	32	44.2	53.5 13.5– 74.8	0.588	–			
	No	107	44.6	33.7– 55.5					
Clinical features after relapse									
Age at relapse	≤50	70	41.6	29.1– 54.0	0.670	–			
	>50	69	46.9	35.8– 58.1					
Clinical neck node size (cm)	≤1.3	47	43.3	31.8– 54.7	0.240	–			
	>1.3	46	42.4	32.7– 52.1					
Selective neck dissection	Yes	61	51.7	44.7– 58.7	0.001	1			
	No	78	33.0	24.3– 41.7			1.77	1.22–2.56	.003
Time interval from primary tumor surgery to neck relapse (months)	≤24	64	29.1	21.7– 36.5	<0.0001	2.07	1.44–2.98	<.0001	
	>24	75	51.6	41.0– 62.3					1
Chemotherapy	Yes	113	44.2	34.8– 53.6	0.568	–			
	No	26	44.2	0.1– 88.9					
Hormonal therapy **	Yes	78	52.5	36.5– 68.5	0.053	–			
	No	12	27.7	0.1– 68.9					
Radiotherapy	Yes	57	47.4	40.5– 54.2	0.496	–			
	No	82	41.0	30.1– 52.0					

95% CI: 95% confidence interval; Δlog rank test; *HR: hazard ratio

** Select primary tumor or neck tumor with ER and/or PR (+) cases