

**S1 Table.** Prognostic factors for disease-free survival in 1,147 patients

Characteristic	5-Yr DFS (%)	p-value		HR (95% CI)
		Univariate	Multivariate	
Age (yr)				
≤ 40	90.8	0.06	-	
> 40	93.5			
Tumor size (mm)				
≤ 20	96.5	< 0.01	< 0.01	2.4 (1.5-3.9)
> 20	89.3			
No. of tumor				
Single	93.0	0.69	-	
Multiple	92.7			
LVI				
Negative	96.6	< 0.01	< 0.01	2.0 (1.2-3.5)
Positive	91.0			
HG				
1, 2	96.2	< 0.01	< 0.01	2.6 (1.6-3.9)
3	87.9			
Molecular subtype				
Luminal A	96.3	< 0.01	-	
Non-luminal A	89.5			
No. of (+) node				
1, 2	93.0	0.98	-	
3	93.1			
Ratio of (+) node <sup>a)</sup>				
≤ 0.1	94.7	< 0.01	< 0.01	1.8 (1.2-2.8)
> 0.1	90.4			
Field of radiotherapy				
WBI	93.1	0.79	-	
WBI+SCNRT	92.6			

DFS, disease-free survival; HR, hazard ratio; CI, confidence interval; LVI, lymphovascular invasion; HG, histologic grade; WBI, whole breast irradiation; WBI+SCNRT, whole breast and supraclavicular lymph node irradiation. <sup>a)</sup> Ratio of positive lymph nodes to total dissected lymph nodes.