

**Supplementary Table 4.** Hazard ratios (HRs) and 95% confidence intervals (CIs) for overall survival in patients underwent lumpectomy with HER2-positive DCIS

Variable	Univariate analysis		Multivariate analysis	
	HR (95% CI)	P-value	HR (95% CI)	P-value
Age	1.073 (1.012–1.138)	0.018	1.018 (0.927–1.118)	0.706
Height	0.770 (0.673–0.880)	<0.001	0.738 (0.625–0.870)	<0.001
Weight	0.905 (0.808–1.014)	0.086		
Body mass index	1.024 (0.819–1.280)	0.835		
Family history of breast cancer		0.155		
No	1			
Yes	3.312 (0.637–17.227)			
Marriage		0.711		
No	1			
Yes	0.672 (0.082–5.513)			
Symptom of breast		0.708		
No	1			
Yes	0.785 (0.221–2.792)			
Multifocality		0.031		0.020
No	1		1	
Yes	6.566 (1.187–36.329)		9.532 (1.418–64.088)	
Tumor size	1.180 (0.876–1.589)	0.277		
Nuclear grade		0.453		
I, II	1			
III	1.410 (0.575–3.460)			
Estrogen receptor		0.057		
Negative	1			
Positive	0.291 (0.082–1.038)			
Progesterone receptor		0.020		0.539
Negative	1		1	
Positive	0.221 (0.062–0.786)		0.544 (0.078–3.809)	
HER2 IHC		0.995		
2+	1			
3+	11344624.77 (0.000–)			
Ki67	0.968 (0.868–1.080)	0.561		
Endocrine therapy		0.499		
Not done	1			
Done	0.567 (0.109–2.937)			

HER2, human epidermal growth factor receptor 2; DCIS, ductal carcinoma *in situ*; IHC, immunohistochemistry.