

S11 Table. Cox proportional hazards model of survival for patients with statin exposure before the diagnosis of breast cancer

Variable	Univariable analysis Hazard ratio (95% CI)	p-value	Multivariable analysis Hazard ratio (95% CI)	p-value
Histologic type				
IDC	1		1	
ILC	0.969 (0.604-1.554)	0.895	1.012 (0.622-1.644)	0.963
Others	0.337 (0.230-0.494)	< 0.001	0.697 (0.450-1.080)	0.106
Stage: T				
T1	1		1	
T0	1.986 (0.489-8.064)	0.337	1.873 (0.458-7.657)	0.382
T2	3.165 (2.485-4.031)	< 0.001	2.132 (1.648-2.759)	< 0.001
T3	8.238 (6.058-11.202)	< 0.001	3.377 (2.372-4.806)	< 0.001
T4	12.839 (8.661-19.032)	< 0.001	3.286 (2.091-5.163)	< 0.001
Tis	0.395 (0.183-0.852)	0.018	0.642 (0.271-1.521)	0.314
Stage: N				
N0	1		1	
N1	1.802 (1.395-2.328)	< 0.001	1.159 (0.886-1.515)	0.282
N2	5.354 (4.137-6.929)	< 0.001	2.783 (2.094-3.698)	< 0.001
N3	11.095 (8.595-14.322)	< 0.001	4.098 (3.011-5.577)	< 0.001
Stage: M				
M0	1		1	
M1	11.588 (7.995-16.796)	< 0.001	3.157 (2.115-4.714)	< 0.001
ER				
Negative	1		1	
Positive	0.371 (0.308-0.448)	< 0.001	0.612 (0.473-0.791)	< 0.001
PR				
Negative	1		1	

Positive	0.349 (0.285-0.427)	< 0.001	0.694 (0.528-0.912)	0.009
Age at diagnosis (yr)				
< 40	1		1	
≥ 40 and < 50	0.498 (0.376-0.660)	< 0.001	0.647 (0.486-0.860)	0.003
≥ 50	0.794 (0.621-1.015)	0.065	0.810 (0.622-1.053)	0.115
CCI	1.182 (1.133-1.233)	< 0.001	1.110 (1.061-1.162)	< 0.001
Exposure before breast cancer				
No	1		1	
Yes	1.444 (1.121-1.860)	0.004	1.227 (0.930-1.620)	0.148

CCI, Charlson comorbidity index; CI, confidence interval; ER, estrogen receptor; IDC, invasive ductal carcinoma; ILC, invasive lobular carcinoma; M, metastasis; N, node; PR, progesterone receptor; T, tumor.