

Table 2. Univariate and multivariate logistic regression of risk factors for breast cancer event

Variable	Univariate			Multivariate		
	HR	95% CI	p-Value	HR	95% CI	p-Value
Age	0.92	0.84, 1.006	0.067			
BMI	0.95	0.820, 1.094	0.461			
Comorbidity	0.89	0.194, 4.079	0.881			
Histology grade: 2	1.19	0.398, 3.60	0.749	0.358	0.059, 2.174	0.264
Histology grade: 3	2.82	0.841, 9.470	0.093	1.553	0.196, 12.29	0.677
Histology type: ILC	1.42	0.163, 12.377	0.751			
Histology type: Mucinous	0.41	0.052, 3.173	0.390			
Histology type: others	0	0, NA	NA			
LVI	1.86	0.726, 4.762	0.196			
PNI	0	0, NA	NA			
Focality	2.75	0.917, 8.236	0.071	2.372	0.465, 12.107	0.299
ER	0.99	0.972, 1.013	0.449			
PR	0.99	0.973, 0.997	0.014			
Ki-67	146	4.90, 4354	0.004			
mIHC4: intermediate risk	10.72	1.299, 88.50	0.028	10.89	1.083, 109.5	0.043
mIHC4: high risk	24.36	2.487, 238.72	0.006	18.49	1.316, 259.8	0.031
Tumor stage: 2	1.09	0.431, 2.746	0.859			
Tumor stage: 3	3.97	0.699, 22.52	0.120			
LN stage	2.67	0.688, 10.382	0.156			
Addition of GnRH or BSO	1.39	0.589, 3.316	0.448			
Radiotherapy	0.456	0.191, 1.089	0.077	0.319	0.083, 1.230	0.097
Chemotherapy	2.278	0.943, 5.503	0.067	0.829	0.155, 4.422	0.826

ILC: invasive lobular carcinoma, LVI: lymphovascular stromal invasion, PNI: perineural invasion, ER: estrogen receptor; PR: progesterone receptor; mIHC4: modified IHC4; GnRH: gonadotropin releasing hormone; BSO: bilateral salpingo-oophorectomy