

Table 2. Results of additive empirical Bayesian model, including prognostic factors for breast cancer among Iranian women (n = 1574), 2002-2012

Variable	Coefficient (difference in hazard rate)	Survival ratio	SE	P	95% CI for survival ratio
Intercept	-4.726	112.84	0.56	6.04e ⁻⁹	
Nodal status 1 (1-3 vs. 0 involved nodes)	0.041	0.96	0.25	0.87	0.59-1.57
Nodal status 2 (> 3 vs 0 involved nodes)	0.640	0.53	0.28	0.02	0.30-0.92
Nuclear grade 1 (poorly differentiated vs well differentiated)	0.049	0.95	0.22	0.83	0.62-1.47
Nuclear grade 2 (undifferentiated vs well differentiated)	-0.093	1.09	0.32	0.77	0.59-2.04
Age at diagnosis (years)	0.015	0.98	0.006	0.015	0.97-1.00
Tumour size (cm)	-0.021	1.02	0.04	0.54	0.94-1.12
Estrogen receptor	-0.015	1.01	0.19	0.42	0.80-1.68
Progesterone receptor	0.525	0.59	0.18	0.004	0.42-0.84
Nipple involvement	-0.335	1.39	0.22	0.12	0.91-2.15
Skin involvement	-0.615	1.85	0.25	0.016	1.12-3.04
LV involvement	-0.236	1.27	0.18	0.18	0.90-1.79
NPI 1(good vs. moderate)	-0.730	2.08	0.30	0.016	0.27-0.87
NPI 2 (good vs. poor)	-1.299	3.67	0.45	0.004	0.11-0.66

SE = standard error of mean.

CI = confidence interval.

LV = lymphatic and vascular.

NPI = Nottingham Prognostic Index.