



Figure S1 The effect of the risk factors for CSM of TNBC on CSM. 1 refers to the CSM of TNBC, and 2 refers to death from other causes. (A) Race. (B) Marital status. (C) Primary tumor site (C50.4 refers to upper-outer quadrant breast, C50.2 refers to upper-inner quadrant of breast, C50.5 refers to lower-outer quadrant of breast, C50.3 refers to lower-inner quadrant of breast, C50.8 refers to overlapping lesion of breast, C50.9 refers to breast, NOS). (D) Histological grade. (E) TNM stage. (F) T stage. (G) N stage (the previous 1, 2, 3, 4 refer to N0, N1, N2, and N3 stages respectively). (H) Surgical methods (surgery 1 refers to partial mastectomy, and surgery 2 refers to total (simple) mastectomy, surgery 3 refers to radical mastectomy). (I) Chemotherapy (Yes means the patient received chemotherapy, No means the patient did not receive chemotherapy). (J) The number of metastasized axillary lymph node. CSM, cancer-specific mortality; TNBC, triple-negative breast cancer; NOS, not otherwise specified; TNM, tumor-node-metastasis.

Table S1 C-index of training and testing set

Group	C-index	Se (C)
Training set	0.801	0.001
Testing set	0.799	0.002

Table S2 The model's specificity and sensitivity at 1, 3, and 5 years in the training and testing sets

Group	Specificity			Sensitivity		
	1 year	3 years	5 years	1 year	3 years	5 years
Training set	0.780	0.683	0.665	0.805	0.782	0.759
Testing set	0.695	0.682	0.691	0.817	0.767	0.722