

Supplementary Table S6.

Cox model disease specific-survival analysis in the METABRIC set (n=1,848)

Variables	Multivariable Analysis			
	HR	Lower 95%	Upper 95%	p-value
Validation set vs. Training set	0.665	0.551	0.802	<0.001
Tumor size				
T2 vs. T0-1	1.363	1.119	1.659	0.002
T3 vs. T0-1	1.842	1.129	3.004	0.014
Nodal status				
1-3 vs. 0	1.439	1.120	1.847	0.004
>3 vs. 0	2.922	2.236	3.818	<0.001
Grade				
1-3 vs. 0	1.175	0.756	1.827	0.473
>3 vs. 0	1.116	0.706	1.764	0.638
Age	1.021	1.012	1.029	<0.001
PAM50 Subtype				
Luminal A	1.000	-	-	-
Luminal B	1.096	0.767	1.565	0.615
Basal-like	1.309	0.856	2.003	0.214
HER2E	1.448	0.982	2.134	0.062
Normal-like	1.069	0.713	1.602	0.746
Systemic treatment				
Chemo vs. None	1.693	1.140	2.512	0.009
HT vs. None	0.971	0.644	1.462	0.887
Chemo/HT vs. None	0.910	0.689	1.201	0.504
Proliferation 11-gene signature	1.354	0.938	1.953	0.106
miR138 activity signature	0.998	0.997	1.000	0.011