

**S2 Table.** Cox proportional hazards model after propensity score match (n=335, PMRT [-] n=222, PMRT [+] n=113)

Variable	LRRFS				DFS				OS			
	Univariable		Multivariable (0.1)		Univariable		Multivariable (0.1)		Univariable		Multivariable (0.1)	
	HR (95% CI) (n=335)	p-value (event=12)	HR (95% CI) (n=335)	p-value (event=12)	HR (95% CI) (n=335)	p-value (event=28)	HR (95% CI) (n=316)	p-value (event=25)	HR (95% CI) (n=335)	p-value (event=11)	HR (95% CI) (n=316)	p-value (event=11)
PMRT												
Negative vs positive	1.09 (0.33-3.62)	0.891	-	-	0.72 (0.31-1.71)	0.460	0.88 (0.37-2.11)	0.768	1.91 (0.58-6.29)	0.285	1.75 (0.53-5.78)	0.357
Age												
< 40 yr vs. ≥ 40 yr	0.49 (0.15-1.61)	0.238	-	-	0.37 (0.17-0.79)	0.010	0.34 (0.15-0.75)	0.008	0.47 (0.14-1.61)	0.228	-	-
T classification												
1 vs. 2	0.90 (0.28-2.82)	0.851	-	-	1.19 (0.55-2.57)	0.664	-	-	1.14 (0.33-3.88)	0.840	-	-
Lymphatic and vascular invasion												
Negative vs. positive	2.45 (0.66-9.05)	0.179	-	-	2.51 (1.07-5.90)	0.035	-	-	1.41 (0.41-4.81)	0.586	-	-
Histologic grade												
1-2 vs. 3	1.95 (0.63-6.06)	0.246	-	-	1.25 (0.59-2.68)	0.562	-	-	1.01 (0.29-3.48)	0.984	-	-
Molecular subtype												
Luminal A vs. others	1.90 (0.60-5.99)	0.273	-	-	1.06 (0.47-2.40)	0.897	-	-	0.57 (0.12-2.66)	0.478	-	-
Ki-67												
≤ 15% vs. > 15%	2.06 (0.55-7.68)	0.281	-	-	2.69 (1.21-6.01)	0.016	2.61 (1.17-5.83)	0.019	3.31 (0.96-11.43)	0.058	3.15 (0.91-10.89)	0.069
Positive lymph node number												
1 vs. 2-3	0.79 (0.26-2.46)	0.689	-	-	1.26 (0.59-2.69)	0.550	-	-	1.45 (0.42-4.95)	0.554	-	-
Extracapsular extension												
Negative vs positive	1.80 (0.51-6.39)	0.365	-	-	3.45 (1.43-8.34)	0.006	-	-	3.45 (0.86-13.89)	0.081	-	-

Multivariable analysis by backward selection with alpha 0.1. PMRT, post-mastectomy radiotherapy; LRRFS, locoregional recur-free survival; DFS, disease-free survival; OS, overall survival; HR, hazard ratio; CI, confidence interval.