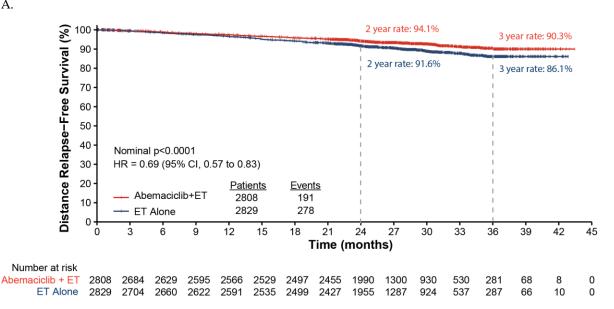
Supplementary Figure S4. (A) Kaplan-Meier curve of distant relapse-free survival (DRFS) in the intent-totreat (ITT) population at AFU1. Abbreviation: CI=confidence interval; ET=endocrine therapy; HR=hazard ratio (B) Forest Plot of DRFS in prespecified subgroups at AFU1. Hazard ratio (HR) estimates are depicted as diamonds, 95% confidence intervals (CIs) are shown by the crossing horizontal lines. Abbreviations: ECOG PS=Eastern Cooperative Oncology Group Performance Status, ET=endocrine therapy, Pos=Positive



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	Abemaciclib + ET		ET Alone		Favors Abemaciclib + ET		
	No.	Events	No.	Events		HR (95% CI)	Interaction p-value
Overall	2808	191	2829	278	· · · · · · · · · · · · · · · · · · ·	0.69 (0.57, 0.83)	
Number of Pos. lymph nodes							0.675
1-3	1118	59	1142	85		0.70 (0.50, 0.98)	
4-9	1107	59	1126	101		0.60 (0.43, 0.82)	
10 or more	575	71	554	92	· · · · · · · · · · · · · · · · · · ·	0.72 (0.53, 0.99)	
Histologic Grade							0.815
Grade 1	209	8	216	10		0.82 (0.32, 2.08)	
Grade 2	1377	84	1395	129		0.66 (0.50, 0.86)	
Grade 3	1086	91	1064	122	' L '	0.73 (0.56 0.96)	
Primary Tumor Size					· · ·		0.026
<2 cm	781	30	767	71		0.41 (0.27, 0.63)	0.020
2-5 cm	1371	104	1419	133		0.81 (0.63, 1.05)	
≥50 mm	607	53	610	71		- 0.74 (0.52, 1.05)	
Prior Chemotherapy	007	55	010	/1		7 0.74 (0.32, 1.00)	0.504
	1020	100	1048	151		0.64 (0.50, 0.82)	0.504
Neoadjuvant chemotherapy	1039	100		154		0.64 (0.50, 0.82)	
Adjuvant chemotherapy	1642	82	1647	113		0.73 (0.55, 0.97)	
Menopausal Status							0.137
Premenopausal	1221	71	1232	119		0.58 (0.43, 0.78)	
Postmenopausal	1587	120	1597	159		0.77 (0.61, 0.98)	
Region							0.908
North America/Europe	1470	90	1479	127		0.72 (0.55, 0.94)	
Asia	574	33	582	47	• • • • • • • • • • • • • • • • • • •	0.68 (0.44, 1.07)	
Other	764	68	768	104		0.66 (0.48, 0.89)	
Age							0.311
<65 years	2371	158	2416	240		0.66 (0.54, 0.81)	
≥65 years	437	33	413	38	· · · · · · · · · · · · · · · · · · ·	0.86 (0.54, 1.37)	
Progesterone Receptor						•	0.498
Negative	298	36	295	46	⊢	0.77 (0.50, 1.19)	
Positive	2426	150	2456	229	' L	0.66 (0.54, 0.81)	
Tumor Stage					· • •		0.506
Stage IIA	324	12	353	22		0.58 (0.29, 1.18)	0.000
Stage IIB	392	23	355	22		1.01 (0.57, 1.80)	
Stage IIIA	1029	23 56	1026	23 83			
						0.68 (0.48, 0.95)	
Stage IIIC	950	88	963	138		0.63 (0.48, 0.82)	0.000
Baseline ECOG PS							0.629
0	2405	160	2369	229	_ F++ +1	0.68 (0.55, 0.83)	
_1	401	31	455	48	• • • • • • • • • • • • • • • • • • •	0.77 (0.49, 1.21)	
Race							0.403
White	1947	136	1978	201	. +++1.	0.68 (0.55, 0.85)	
Asian	675	39	669	59		0.63 (0.42, 0.95)	
All others	146	15	140	14			

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