			95% CI Lower	95% CI Upper	
Age at Diagnosis	as 1 yr increase	0.988	0.971	1.006	0.181
Year of Diagnosis	2011 vs 2010	0.979	0.677	1.416	0.037
	2012 vs 2010	1.128	0.780	1.631	
	2013 vs 2010	1.081	0.761	1.538	
	2014 vs 2010	1.577	1.109	2.242	
Histology	Lobular no ductal vs	1.409	0.902	2.201	0.085
	Ductal no lobular				
	Lobular and ductal	0.955	0.625	1.46	
	vs Ductal no lobular				
	Inflammatory vs	0.646	0.162	2.571	
	Ductal no lobular				
	Other vs Ductal no	0.253	0.078	0.823	
	lobular				
Grade (219 unk.)	G2 vs G1	1.917	1.053	3.493	0.058
	G3 vs G1	2.037	1.136	3.652	
LN Pos Exact (3 unk.)	Yes vs. No	1.178	0.799	1.739	0.408
Stage (210 unk.)	II vs. I	1.226	0.846	1.778	<0.001
	III vs. I	2.259	1.372	3.72	
Chemotherapy	Yes vs. No	0.969	0.726	1.292	0.829
HER-2 Targeted	Trastuzumab vs.				
	None	0.797	0.551	1.152	0.004
	Trastuzumab+Other				
	vs. None	2.382	1.342	4.231	

**Table S1:** Multivariate Logistic Model for Patients Undergoing Endocrine Treatment Without Ovarian Ablation (Group 1 and Group 2: n=2224) versus With Ovarian Ablation (Group 3 and Group 4: n=516).

All the variables which had univariate p-value significant (p<0.05) were entered into this multivariate model. The Odds Ratio (OR) is modeled for ovarian suppression (OS) = yes. OR>1 means more likely to get OS; OR<1 less likely to get OS; unk., unknown: number of patients in analysis who did not have documentation for this variable. All the unk. were excluded from this model building. The actual number in each group was N=426 vs. N=1893. LN, lymph node

	Group 2 Endocrine Treatment without OS (n=2018)	Group 3 Endocrine Treatment with medical OS (n=282)	Group 4 Endocrine Treatment with BSO (n=234)
Months from Diagnosis to Start Endocrine treatment			
(without OS or BSO)			
Median (Mean)		6.7(6.7)	
Range		0.2-42.3	
IQR		4.3-8.6	
Median (Mean)	6.8(6.8)	6.3(6.5)	6.6(6.4)
Range	0.2-42.3	0.5-33.6	0.6-18.3
IQR	4.4-8.7	3.7-8.3	3.8-8.4
Missing start	107	26	10
date	107	26	19
Patients treated with <u>both</u> , endocrine treatment* and OS or	O(OO())	256	200
BSO Months from Diagnosis to any type of OS	0(0%)	256	208
Median (Mean)		12.4(19.7)	
Range	-	0.76 - 94.0	
IQR	-	6.4-28.4	
Months from Diagnosis to BSO		0.1	20.1
Median (Mean)	_		22.9(27.2)
Range	_		0.9-90.3
IQR	-		13.5-37.7
Endocrine treatment* before medical (group 3) or			
BSO (group 4)	-	135(88.8%)	193(92.8%)
Endocrine treatment* started with medical OS or			
BSO	-	119(80.4%)	4(1.9%)
Medical OS or BSO started before endocrine			
treatment*	-	2(66.7%)	11(5.3%)
Months from Start of Endocrine treatment* to start of me	edical OS or BS		10.0
	-	135	193
Median (Mean)	-	13.6(19.8)	18.3(23.4)
Range	-	0-89.8	0.9-88.2
IQR	-	4-34	9.4-34.7

**Table S2:** Timing of Endocrine Therapy: Medical Ovarian Suppressionand Bilateral Salpingo-oophorectomy Among the Three EndocrineTreatment Groups

\* in this context "endocrine treatment" refers to treatment with either tamoxifen or aromatase inhibitor. OS, ovarian suppression; BSO, bilateral salpingo-oophorectomy; IQR, interquartile range