

S8 Table. Cox proportional hazards model of survival for patients with and without insulin and/or metformin exposure before the diagnosis of ER-positive breast cancer

< 40	1		1	
≥ 40 and < 50	1.236 (0.149-10.281)	0.845	1.001 (0.200-9.887)	0.999
≥ 50	2.369 (0.325-17.249)	0.394	1.567 (0.380-14.501)	0.584
CCI	1.128 (1.004-1.266)	0.043	1.055 (0.923-1.202)	0.429
Exposure before breast cancer				
Reference: no exposure to either drug	1		1	
Exposure to insulin	2.130 (0.503-9.016)	0.305	3.260 (0.595-11.394)	0.150
Exposure to metformin	1.265 (0.671-2.384)	0.468	1.169 (0.589-2.270)	0.650
Exposure to insulin and metformin	1.691 (0.728-3.927)	0.222	1.505 (0.598-3.384)	0.365

CCI, Charlson comorbidity index; CI, confidence interval; DM, diabetes mellitus; ER, estrogen receptor; IDC, invasive ductal carcinoma; ILC, invasive lobular carcinoma; M, metastasis; N, node; PR, progesterone receptor; T, tumor.