Table S3. Generalized R^2 values for independently fit models and full model using the Cox proportional hazard regression. Results are presented for the entire population and by female early-onset CRC hot spot classification.

Variable / Model	Generalized R^2 [a]		
	Overall	Early-Onset CRC Hot Spot Patients	Early-Onset CRC Non-Hot Spot Patients
Early-onset CRC hot spot	0.03	-	-
Age at diagnosis (years)	0.09	0.30	0.09
Race/Ethnicity	0.55	1.37	0.47
Tumor site	0.54	0.48	0.55
AJCC stage	29.87	29.30	29.96
Histopathology	0.92	2.07	0.80
Surgery	8.26	6.60	8.59
Radiation treatment	0.06	0.03	0.07
Chemotherapy	5.86	5.28	5.93
% Non-Hispanic Black population	0.13	0.67	0.11
% Physical inactivity	0.04	0.06	0.06
% Women age 15-50 years with a live birth in last year	0.02	0.11	0.01
% Household income <$20,000/year	0.36	0.75	0.31
All Factors[b]	**34.00**	**33.76**	**34.09**

[a]R-square values represent the variance explained by each independent factor.
[b]R-square value for all factors combined within model. $R^2 = 1 - e^{-(LRT/n)}$, where LRT = likelihood ratio statistic and n = population.