

Supplemental Online Content

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eTable 1. Full Model Outputs for Fine-Gray Competing Risk Regression With Nonsignificant Variables Removed From the Model

eTable 2. Full Model Outputs for Fine-Gray Competing Risk Regression for Patients Aged 60-69

This supplemental material has been provided by the authors to give readers additional information about their work.

eTable 1. Full Model Outputs for Fine-Gray Competing Risk Regression With Nonsignificant Variables Removed From the Model

SHR = subdistribution hazard ratio. CI = Confidence interval.

Characteristic	Cancer-Specific Mortality sHR (95% CI)	Cancer-Specific Mortality – NHW sHR (95% CI)	Cancer-Specific Mortality – Black sHR (95% CI)
PSA screening rate	0.55 (0.49-0.63)	0.55 (0.47-0.64)	0.57 (0.46-0.72)
Race			
Non-Hispanic White	1.02 (0.93-1.11)	-	-
Non-Hispanic Black	1.00	-	-
Age at Diagnosis	1.03 (1.02-1.04)	1.02 (1.01-1.04)	1.05 (1.03-1.07)
Year of Diagnosis			
2004-2008	2.71 (2.26-3.25)	2.60 (2.08-3.26)	2.94 (2.15-4.03)
2009-2012	1.92 (1.60-2.31)	1.93 (1.54-2.42)	1.90 (1.38-2.60)
2013-2017	1.00	1.00	1.00
Charlson Comorbidity Index Score			
0	1.00	1.00	1.00
1	1.14 (0.99-1.31)	1.14 (0.97-1.35)	1.14 (0.89-1.48)
2+	1.44 (1.33-1.57)	1.36 (1.23-1.50)	1.67 (1.43-1.96)
Employment status			
Employed	1.00	1.00	1.00
Other/Not Employed	1.17 (1.06-1.29)	1.21 (1.07-1.36)	1.08 (0.88-1.32)
Marital Status			
Married	1.00	1.00	1.00
Other/Not Married	1.25 (1.15-1.35)	1.30 (1.18-1.43)	1.12 (0.96-1.30)
Tobacco use			
Yes	1.51 (1.37-1.68)	1.53 (1.35-1.72)	1.49 (1.23-1.80)
No	1.00	1.00	1.00
Unknown	1.11 (0.94-1.31)	1.13 (0.92-1.38)	1.07 (0.80-1.43)

eTable 2. Full Model Outputs for Fine-Gray Competing Risk Regression for Patients Aged 60-69

sHR = Subdistribution hazard ratio. CI = Confidence interval. * = by zip code.

Characteristic	Cancer-Specific Mortality sHR (95% CI)	Cancer-Specific Mortality – NHW sHR (95% CI)	Cancer-Specific Mortality – Black sHR (95% CI)
PSA screening rate	0.54 (0.43-0.67)	0.54 (0.41-0.72)	0.54 (0.37-0.80)
PCP visit rate	1.06 (0.88-1.28)	1.04 (0.82-1.30)	1.13 (0.82-1.57)
Race			
Non-Hispanic White	0.98 (0.88-1.09)	-	-
Non-Hispanic Black	1.00	-	-
Age at Diagnosis	1.03 (1.01-1.05)	1.03 (1.00-1.05)	1.04 (1.01-1.08)
Year of Diagnosis			
2004-2008	2.61 (2.14-3.17)	2.76 (2.16-3.53)	2.36 (1.67-3.32)
2009-2012	1.87 (1.54-2.29)	1.99 (1.56-2.54)	1.67 (1.20-2.38)
2013-2017	1.00	1.00	1.00
Charlson Comorbidity Index Score			
0	1.00	1.00	1.00
1	1.25 (1.07-1.46)	1.25 (1.04-1.50)	1.28 (0.95-1.73)
2+	1.46 (1.33-1.62)	1.37 (1.22-1.54)	1.76 (1.45-2.13)
Employment status			
Employed	1.00	1.00	1.00
Other/Not Employed	1.17 (1.03-1.32)	1.20 (1.04-1.37)	1.09 (0.84-1.39)
Marital Status			
Married	1.00	1.00	1.00
Other/Not Married	1.18 (1.08-1.30)	1.22 (1.09-1.36)	1.09 (0.91-1.31)
Bachelor's degree*			
Top 50%	0.77 (0.58-1.21)	0.72 (0.46-1.22)	0.84 (0.51-1.31)
Bottom 50%	1.00	1.00	1.00
Median Income*			
Top 50%	1.11 (0.71-1.71)	1.31 (0.71-2.11)	1.22 (0.77-1.98)
Bottom 50%	1.00	1.00	1.00
Tobacco use			
Yes	1.46 (1.30-1.64)	1.44 (1.26-1.65)	1.50 (1.19-1.87)
No	1.00	1.00	1.00
Unknown	1.19 (0.94-1.38)	1.14 (0.91-1.42)	1.15 (0.82-1.62)
Agent Orange Exposure			
Yes	0.95 (0.85-1.07)	0.99 (0.87-1.12)	0.82 (0.66-1.03)
No	1.00	1.00	1.00
Unknown	1.09 (0.81-1.46)	1.00 (0.72-1.41)	1.56 (0.85-2.85)