

Supplemental Table 2 The 1:1 (academic=89,721 non-academic=89,721) Propensity Score Matched analysis results of overall survival

Variable		Propensity Score Matched Analysis	
		Hazard Ratio (95% CI)	P
Hospital Type	Academic	Ref	
	Community	1.174 (1.162-1.186)	0.001
Sex	Male	Ref	
	Female	0.944 (0.935-0.954)	
Age at diagnosis (continuous)		1.012 (1.011-1.012)	0.001
Race	White	Ref	
	Black	0.996 (0.982-1.011)	0.61
	neither White nor Black	0.879 (0.856-0.904)	0.001
Education	>=13% NHD*	0.984 (0.971-0.996)	0.01
	<13% NHD*	Ref	
Income	>=\$35,000	Ref	
	<\$35,000	1.079 (1.066-1.093)	0.001
Place of Living	Urban	Ref	
	Rural	1.048 (1.001-1.096)	0.04
Insurance Status	Insured	Ref	
	Not insured	1.057 (1.027-1.089)	0.001
Charlson/Deyo Score	0	Ref	
	1	1.117 (1.104-1.131)	0.001

	>=2	1.350 (1.326-1.375)	0.001
Year of Diagnosis	2004-2010	1.200 (1.187-1.212)	0.001
	2011-2016	Ref	
M stage	M0	0.574 (0.567-0.580)	0.001
	M1	Ref	
Chemotherapy	Yes	Ref	
	No	2.043 (2.020-2.066)	0.001
Radiation Therapy	Yes	Ref	
	No	1.102 (1.085-1.119)	0.001
Immunotherapy	Yes	Ref	
	No	1.207 (1.108-1.314)	0.001

\*NHD: No high school degree