

Supplementary Table S4. Univariate and multivariate logistic regression for variables associated with coordinated care, in the year 2018–2019

	Univariate		Multivariate	
	OR (95% CI)	Wald p-value	OR (95% CI)	p-value
Age (continuous variable)	1.010 (1.009–1.010)	< 0.0001	1.009 (1.008–1.009)	< 0.001
Sex		< 0.0001		
Female (vs. male)	0.69 (0.68–0.70)		0.72 (0.71–0.73)	< 0.001
Area of residence category		< 0.0001		
Metropolitan	1 (Reference)		1 (Reference)	
Urban	0.96 (0.94–0.97)		0.91 (0.90–0.93)	< 0.001
Rural	0.92 (0.89–0.96)		0.89 (0.85–0.93)	< 0.001
Race		< 0.0001		
White	1 (Reference)		1 (Reference)	
Black	1.31 (1.29–1.33)		1.31 (1.28–1.33)	< 0.001
Native American	0.86 (0.79–0.93)		1.04 (0.95–1.15)	0.375
Asian/Pacific islander	0.83 (0.81–0.86)		1.01 (0.98–1.04)	0.655
Other/unrecorded	1.07 (1.03–1.11)		1.08 (1.04–1.13)	< 0.001
Location treated		< 0.0001		
New England (CT, MA, ME, NH, RI, VT)	1 (Reference)		1 (Reference)	
Middle Atlantic (NJ, NY, PA)	1.47 (1.43–1.50)		1.53 (1.49–1.57)	< 0.001
South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV)	0.99 (0.97–1.01)		1.00 (0.98–1.03)	0.929
East North Central (IL, IN, MI, OH, WI)	1.58 (1.54–1.62)		1.81 (1.76–1.86)	< 0.001
East South Central (AL, KY, MS, TN)	1.14 (1.11–1.18)		1.24 (1.20–1.28)	< 0.001
West North Central (IA, KS, MN, MO, ND, SD)	1.06 (1.03–1.09)		1.18 (1.15–1.22)	< 0.001
West South Central (AR, LA, OK, TX)	0.72 (0.71–0.74)		0.77 (0.75–0.79)	< 0.001
Mountain (AZ, CO, ID, MT, NM, NV, UT, WY)	1.30 (1.26–1.35)		1.54 (1.48–1.60)	< 0.001
Pacific (AK, CA, HI, OR, WA)	0.74 (0.73–0.76)		0.80 (0.78–0.82)	< 0.001
Average income of area of residence (US dollars)		< 0.0001		
< 50,353	1 (Reference)		1 (Reference)	
> 50,353	0.91 (0.90–0.92)		0.93 (0.92–0.94)	< 0.001
Insurance		< 0.0001		
Not insured	1 (Reference)		1 (Reference)	
Private insurance/managed care	0.86 (0.83–0.89)		0.83 (0.80–0.87)	< 0.001
Medicaid	0.97 (0.94–1.01)		0.88 (0.84–0.93)	< 0.001
Medicare	1.03 (1.00–1.07)		0.84 (0.81–0.88)	< 0.001
Other government	1.40 (1.33–1.47)		1.18 (1.11–1.25)	< 0.001
Insurance status unknown	1.26 (1.18–1.34)		1.08 (1.00–1.16)	0.042
Type of diagnosing facility		< 0.0001		
Community cancer program	1 (Reference)		1 (Reference)	
Comprehensive community cancer program	1.36 (1.33–1.39)		1.39 (1.36–1.42)	< 0.001
Academic/research program (includes NCI designated CCC)	1.66 (1.63–1.69)		1.62 (1.57–1.66)	< 0.001
Integrated network cancer program ^{a)}	1.04 (1.02–1.06)		0.95 (0.93–0.98)	< 0.001
Stage		< 0.0001		
Stage 0	0.92 (0.89–0.94)		0.99 (0.97–1.02)	0.579
Stage I	1 (Reference)		1 (Reference)	
Stage II	1.20 (1.18–1.21)		1.05 (1.03–1.07)	< 0.001
Stage III	1.01 (1.00–1.03)		0.88 (0.87–0.90)	< 0.001
Stage IV	1.23 (1.21–1.25)		1.03 (1.01–1.05)	0.002
Occult (lung only)	1.12 (0.61–2.04)		0.99 (0.49–2.02)	0.988
AJCC staging not applicable	0.83 (0.80–0.85)		0.88 (0.86–0.90)	< 0.001
AJCC stage group unknown	0.92 (0.90–0.94)		0.73 (0.71–0.76)	< 0.001

(Continued to the next page)

Supplementary Table S4. Continued

	Univariate		Multivariate	
	OR (95% CI)	Wald p-value	OR (95% CI)	p-value
Comorbidity score		< 0.0001		
0	1 (Reference)		1 (Reference)	
1	1.05 (1.03–1.06)		0.99 (0.98–1.01)	0.446
2	1.12 (1.10–1.15)		1.04 (1.01–1.07)	0.010
≥ 3	1.19 (1.16–1.22)		1.05 (1.02–1.08)	0.003

NCI, National Cancer Institute; CCC, comprehensive cancer center; AJCC, American Joint Committee on Cancer; OR, odds ratio; CI, confidence interval.

^aFacilities belonging to an organization that owns a group of facilities that offer integrated and comprehensive cancer care services and is overseen by a centralized governance structure/board and CEO.