Supplemental Online Content

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eTable 1. Associations Between Geographic Access to Thoracic Surgeons and Lung Cancer-Specific Mortality Among Patients With Early-Stage Non-Small Cell Lung Cancer, Stratified by Sociodemographic Factors

eTable 2. Associations Between Geographic Access to Radiation Oncologists and Lung Cancer-Specific Mortality Among Patients With Early-Stage Non-Small Cell Lung Cancer, Stratified by Sociodemographic Factors

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

eTable 1. Associations between geographic access to thoracic surgeons and lung cancer-specific mortality among patients with early-stage non-small cell lung cancer, stratified by sociodemographic factors.

	Events	Person-years	HR (95% CI)[c]
Age <70 years			
Less access[a]	4982	57804	1.03 (0.97, 1.08)
Greater access[a]	4430	59306	1.00 (reference)
Age ≥70 years			
Less access[a]	6586	47784	1.06 (1.01, 1.12)
Greater access[a]	6151	50645	1.00 (reference)
			P interaction =0.98
Men			
Less access[a]	6408	49534	1.03 (0.98, 1.08)
Greater access[a]	5721	49368	1.00 (reference)
Women			
Less access[a]	5160	56053	1.09 (1.02, 1.16)
Greater access[a]	4860	60583	1.00 (reference)
			P interaction =0.12
Non-Hispanic white			
Less access[a]	9759	89112	1.05 (1.01, 1.10)
Greater access[a]	7773	81051	1.00 (reference)
Non-Hispanic black			
Less access[a]	846	6715	1.10 (0.98, 1.22)
Greater access[a]	1504	13309	1.00 (reference)
Asian			
Less access[a]	352	4159	1.06 (0.86, 1.30)
Greater access[a]	766	9675	1.00 (reference)
Hispanic			
Less access[a]	559	5011	0.87 (0.72, 1.05)
Greater access[a]	516	5338	1.00 (reference)
			P interaction =0.52
Non-Medicaid insurance			
Less access[a]	9653	92119	1.06 (1.01, 1.11)
Greater access[a]	8833	95515	1.00 (reference)
Medicaid			
Less access[a]	1573	10564	1.06 (0.95, 1.19)
Greater access[a]	1356	10783	1.00 (reference)
No insurance			
Less access[a]	214	1745	0.98 (0.76, 1.26)
Greater access[a]	195	1766	1.00 (reference)
			P interaction =0.38
Metropolitan			
Less access[a]	8313	80305	1.06 (1.01, 1.11)
Greater access[a]	10207	106679	1.00 (reference)
Non-metropolitan			
Less access[a]	3255	25283	1.03 (0.92, 1.15)
Greater access[a]	374	3272	1.00 (reference)
			P interaction =0.75
Less deprived counties[b]			
Less access[a]	4506	48839	1.01 (0.96, 1.06)

Greater access[a]	5667	64565	1.00 (reference)
More deprived counties[b]			
Less access[a]	7062	56748	1.10 (1.02, 1.18)
Greater access[a]	4914	45386	1.00 (reference)
			$P_{interaction} = 0.05$

Abbreviations: HR, hazard ratio; CI, confidence interval.

[a] defined using the median of geographic access index scores.

[b] defined using the median of county-level socioeconomic deprivation index scores.

[c] adjusted for age, race and ethnicity, sex, type of health insurance, non-metropolitan residence, quintiles of county-level socioeconomic deprivation, and cancer stage.

eTable 2. Associations between geographic access to radiation oncologists and lung cancer-specific mortality among patients with early-stage non-small cell lung cancer, stratified by sociodemographic factors.

	Events	Person-years	HR (95% CI)[c]
Age <70 years			
Less access[a]	5306	59988	1.09 (1.03, 1.15)
Greater access[a]	4106	57121	1.00 (reference)
Age ≥70 years			
Less access[a]	6972	50504	1.06 (1.01, 1.11)
Greater access[a]	5765	47925	1.00 (reference)
			P interaction =0.02
Men			
Less access[a]	6885	52670	1.05 (1.00, 1.10)
Greater access[a]	5244	46233	1.00 (reference)
Women			
Less access[a]	5393	57823	1.12 (1.06, 1.18)
Greater access[a]	4627	58813	1.00 (reference)
			P interaction =0.17
Non-Hispanic white			
Less access[a]	9865	88635	1.08 (1.04, 1.13)
Greater access[a]	7667	81529	1.00 (reference)
Non-Hispanic black			
Less access[a]	1085	8507	1.05 (0.94, 1.17)
Greater access[a]	1265	11517	1.00 (reference)
Asian			
Less access[a]	548	6340	1.00 (0.86, 1.18)
Greater access[a]	570	7494	1.00 (reference)
Hispanic			
Less access[a]	734	6436	1.05 (0.89, 1.24)
Greater access[a]	341	3913	1.00 (reference)
			P interaction =0.71
Non-Medicaid insurance			
Less access[a]	10121	95551	1.07 (1.03, 1.12)
Greater access[a]	8365	92083	1.00 (reference)
Medicaid			
Less access[a]	1786	12022	1.12 (1.02, 1.23)
Greater access[a]	1143	9326	1.00 (reference)
No insurance			
Less access[a]	230	1808	1.06 (0.82, 1.36)
Greater access[a]	179	1703	1.00 (reference)
			P interaction =0.85
Metropolitan			
Less access[a]	9187	86742	1.07 (1.02, 1.12)
Greater access[a]	9333	100242	1.00 (reference)
Non-metropolitan			
Less access[a]	3091	23750	1.11 (1.03, 1.19)
Greater access[a]	538	4804	1.00 (reference)
			P interaction =0.41
Less deprived counties[b]			
Less access[a]	4267	44521	1.08 (1.03, 1.13)

Greater access[a]	5906	68884	1.00 (reference)
More deprived counties[b]			
Less access[a]	8011	65972	1.07 (1.00, 1.15)
Greater access[a]	3965	36162	1.00 (reference)
			$P_{interaction} = 0.86$

Abbreviations: HR, hazard ratio; CI, confidence interval.

[a] defined using the median of geospatial accessibility index scores.

[b] defined using the median of county-level socioeconomic deprivation index scores.

[c] adjusted for age, race and ethnicity, sex, type of health insurance, non-metropolitan residence, quintiles of county-level socioeconomic deprivation, and cancer stage.