

Supplement S1. Multinomial Logit Regression Results on the Likelihood that  
Driving Time to the Nearest TC Increases By Less Than 30 Minutes 2001-2007

Reference group: no increase in driving time	% experience <30min increase	Relative Risk Ratio	CI
<b>Baseline vulnerable population characteristics by ZIP code</b>			
<i>Share of population below Federal poverty line</i>			
low share (reference group)	16%	1.00	
medium share	16%	0.83**	[0.72,0.95]
high share	15%	0.74**	[0.61,0.89]
<i>Share of unemployed population</i>			
low share (reference group)	16%	1.00	
medium share	18%	1.00	[0.88,1.14]
high share	15%	0.82*	[0.69,0.97]
<i>Share of African-American population</i>			
low share (reference group)	15%	1.00	
medium share (middle 1/3)	17%	1.33**	[1.17,1.52]
high share (upper 1/3)	18%	1.53**	[1.33,1.76]
<i>Share of Hispanic population</i>			
low share (reference group)	16%	1.00	
medium share	17%	1.18*	[1.02,1.37]
high share	15%	1.35**	[1.08,1.70]
<i>Share of other non-White population</i>			
low share (reference group)	17%	1.00	
medium share	16%	0.70**	[0.60,0.82]
high share	13%	0.67**	[0.53,0.85]
<i>Share of uninsured population<sup>a</sup></i>			
low share (reference group)	17%	1.00	
medium share	17%	1.23**	[1.08,1.40]
high share	14%	1.28**	[1.08,1.50]
<i>Share of elderly population</i>			
low share (reference group)	17%	1.00	
medium share	16%	0.82**	[0.72,0.93]
high share	15%	0.90	[0.79,1.03]
<i>Share of foreign-born population</i>			
low share (reference group)	16%	1.00	
medium share	16%	1.10	[0.96,1.26]
high share	15%	0.85+	[0.70,1.03]
Urban communities (reference group)	19%	1.00	
Rural communities	13%	0.85*	[0.74,0.98]
log(zip-code level population)		1.04	[0.98,1.11]
<b>Baseline hospital market characteristics within 15-mile radius</b>			
presence of at least 1 trauma center		1.00	[0.89,1.13]
presence of for-profit hospitals		1.00	[0.89,1.13]
presence of government hospitals		0.94	[0.84,1.06]
presence of teaching hospitals		1.22**	[1.07,1.38]
Number of observations in the analysis			31475

statistical significance: + 0.10 \* 0.05 \*\* 0.01

a. ZIP codes that belong to the same county share the same percent of uninsured.