

Table S2 Random-Effects Regression - The Relationship Between the U.S.-Mexico Border Location (and Other Factors without CMI multiple imputations) and Readmission Rates in Texas

	HF 30-Day Readmission rate		PN 30-Day Readmission Rate	
	Coef.	Std. Err.	Coef.	Std. Err.
U.S.-Mexico border location (i.e., being in a border county)	0.067**	0.0212	0.031*	0.0152
Ownership (reference: private for-profit)				
Private not-for-profit	-0.013	0.0096	0.001	0.0062
Public, non-federal	0.010	0.0131	-0.007	0.0097
Hospital size	-0.000	0.0000	-0.000	0.0000
Square bed	0.000	0.0000	-0.000	0.0000
System affiliation	0.013	0.0094	0.002	0.0070
Teaching hospital status	0.008	0.0078	0.003	0.0051
Occupancy rate	0.017	0.0313	0.038*	0.0183
Case mix index†	-0.064***	0.0169	-0.035**	0.0120
RN-to-Patient ratio	-0.001	0.0010	-0.001*	0.0004
LPNs-to-Patient ratio	0.001	0.0012	-0.000	0.0007
RN skill mix	0.018	0.0379	-0.037	0.0253
Full-Time RN ratio	0.015	0.0218	-0.024°	0.0136
Per capita income	0.000	0.0005	-0.000	0.0002
Urban location	0.000	0.0118	-0.003	0.0088
% Hispanic population	-0.084**	0.0301	-0.039°	0.0205
Primary care physician resource	-0.022	0.0204	-0.015	0.0174
Specialist resource	0.013°	0.0070	0.011°	0.0057
Medicare HMO penetration	0.147*	0.0604	-0.012	0.0380
Change in unemployment rates	-0.017	0.0258	0.032*	0.0150
Market concentration	0.024	0.0178	0.014	0.0124
Year				
2014	-0.036***	0.0048	-0.012***	0.0030
2015	-0.042***	0.0062	-0.015***	0.0040
2016	-0.055***	0.0070	-0.016***	0.0043
Wald Chi2	190.62***		90.03***	

Note: Case mix index†: The CMI is computed by adding the DRG weights for all Medicare discharges divided by the number of discharges for transfer-adjusted and unadjusted cases. °p < 0.10; *p < 0.05; **p < 0.01; ***p < 0.001; when interpreting the results, the coefficients need to be computed because of the log-transformed dependent variables.