

Effect of Critical Access Hospital Conversion on Patient Safety: Appendix

Table S8. Fixed-effects Panel Data Models⁺ of CAH Conversion on Hospital Inpatient Case-mix

Regression parameters	Hospital-level average number of diagnosis		Hospital-level average number of Elixhauser comorbidities		Hospital-level mean Charlson score	
	Coefficient	Standard. Error	Coefficient	Standard. Error	Coefficient	Standard. Error
CAH	0.0149	0.0627	0.0081	0.0198	0.0073	0.0144
y1998	0.0279	0.0695	0.0343	0.0219	-0.0150	0.0160
y1999	0.1355*	0.0695	0.0850**	0.0219	0.0154	0.0160
y2000	0.1998**	0.0699	0.0925**	0.0220	0.0076	0.0161
y2001	0.4767**	0.0730	0.1927**	0.0230	0.0707**	0.0168
y2002	0.3878**	0.0761	0.1678**	0.0240	0.0061	0.0175
y2003	0.3821**	0.0795	0.1761**	0.0251	0.0010	0.0183
y2004	0.5827**	0.0836	0.2301**	0.0264	-0.0047	0.0192
Intercept	4.8074**	0.0491	1.1990**	0.0155	0.7953	0.0113
Observations	712		712		712	
Groups	89		89		89	
R-squared-within	0.1837		0.2497		0.0585	
F statistic (8, 615)	17.3**		25.58**		4.78**	

* Statistically significant at 0.1 level.

**Statistically significant at 0.05 level.

+ Difference from mean least squares models were used in fixed-effects panel data models (Woolridge 2002). Y1998 to y2004 were dummy variable for year 1998 to 2004. The dummy variable for 1997 was omitted as the reference category.