Table S3. GEE Logit Models of the Performance of PSIs (1=bad performance, 0=good performance) in Iowa Rural Hospitals (Composite Scores Weighted by Denominators), 1997-2004[+]

	Composite score of 4PSIs		Composite score of 6PSIs	
	A	B	A	B
CAH/CAHmv	-0.55**	-0.78**	-0.42	-0.67
% Medicare days	-0.01	-0.01	0.00	0.00
% Medicaid days	0.02	0.02	0.01	0.00
% of surgical discharges	0.13**	0.13**	0.09**	0.08**
Charlson Index	1.37**	1.35**	2.79**	2.80**
Market concentration (HHI)	-0.29	-0.29	-0.40	-0.40
Per capita income ($1,000)	0.06	0.05	0.11**	0.11**
Population density	0.00	0.00	0.00	0.00
y1998	-0.42	-0.42	-0.18	-0.18
y1999	-0.18	-0.19	-0.19	-0.19
y2000	-0.12	-0.16	-0.01	-0.03
y2001	0.21	0.13	0.10	0.06
y2002	-0.30	-0.33	-0.15	-0.16
y2003	0.00	0.04	0.37	0.40
y2004	-0.61	-0.55	-0.36	-0.30
Intercept	-2.32	-2.27	-5.28**	-5.26**
observations	712	712	594	594

+ Unit of analysis is hospital per year. Y1998 to y2004 were dummy variable for year 1998 to 2004. The year of 1997 is the reference category.

* Statistically significant at 0.10 level.

**Statistically significant at 0.05 level.

A. model using CAH; B. model using CAH moving average