

Supplemental Table – Ordinary least squares regression of ln(costs) regressed on all variables in table; Quantile regression of ln(costs) at the 10th, 25th, 50th, 75th, and 90th percentiles. Kids' Inpatient Database, 2009^a

	OLS Regression		Quantile Regression			
	Exp(β) (SE) ^b	10 th Exp(β) (SE) ^b	25 th Exp(β) (SE) ^b	50 th Exp(β) (SE) ^b	75 th Exp(β) (SE) ^b	90 th Exp(β) (SE) ^b
Length of Stay	1.04 (1.00)**	1.04 (1.00)	1.05 (1.00)**	1.05 (1.00)**	1.05 (1.00)**	1.05 (1.00)**
Age group						
< 1 year	0.58 (1.03)**	0.42 (1.02)**	0.46 (1.01)**	0.59 (1.02)**	0.71 (1.01)**	0.75 (1.01)**
1-10 years	0.96 (1.02)*	1.00 (1.02)	1.00 (1.02)	0.95 (1.02)*	0.92 (1.01)**	0.91 (1.02)**
11-20 years	Ref	Ref	Ref	Ref	Ref	Ref
Critical CHD ^c						
No	Ref	Ref	Ref	Ref	Ref	Ref
Yes	1.81 (1.02)**	1.77 (1.02)**	1.91 (1.01)**	1.82 (1.01)**	1.62 (1.01)**	1.46 (1.01)**
Gender						
Female	1.10 (1.01)**	1.18 (1.01)**	1.14 (1.01)**	1.08 (1.01)**	1.04 (1.01)**	1.01 (1.01)
Male	Ref	Ref	Ref	Ref	Ref	Ref
Expected Payer						
Public	1.05 (1.02)	1.06 (1.01)**	1.09 (1.01)**	1.04 (1.01)**	0.99 (1.01)	0.99 (1.01)
Private	Ref	Ref	Ref	Ref	Ref	Ref
Other ^d	1.07 (1.05)	1.06 (1.03)*	1.09 (1.02)**	1.08 (1.02)**	1.05 (1.01)**	1.06 (1.02)**
Mixed	1.17 (1.06)*	1.20 (1.02)**	1.23 (1.01)**	1.14 (1.01)**	1.06 (1.01)**	1.05 (1.01)**
Race						
Non-Hispanic White	Ref	Ref	Ref	Ref	Ref	Ref
Non-Hispanic Black	0.91 (1.02)**	0.94 (1.02)**	0.93 (1.01)**	0.90 (1.01)**	0.91 (1.01)**	0.93 (1.01)**
Hispanic	1.05 (1.04)	1.05 (1.01)**	0.99 (1.01)	1.05 (1.01)**	1.07 (1.01)**	1.08 (1.01)**
Other	1.06 (1.03)	1.01 (1.02)	1.04 (1.02)*	1.07 (1.01)**	1.08 (1.01)**	1.08 (1.01)**
Median household income by patient zip code						
≤39,999	0.97 (1.04)	0.97 (1.01)*	0.94 (1.01)**	0.97 (1.01)*	0.97 (1.01)*	0.96 (1.01)**
40,000-49,999	0.99 (1.03)	0.98 (1.02)	0.99 (1.02)	1.01 (1.01)	0.99 (1.01)	0.97 (1.01)*
50,000-65,999	0.98 (1.02)	0.99 (1.01)	0.99 (1.01)	0.98 (1.1)	0.98 (1.01)*	0.97 (1.01)*
≥66,000	Ref	Ref	Ref	Ref	Ref	Ref
Discharge Disposition						
Routine ^e	Ref	Ref	Ref	Ref	Ref	Ref
Died	2.39 (1.04)**	1.91 (1.08)**	2.96 (1.04)**	2.55 (1.02)**	2.45 (1.02)**	2.49 (1.03)**
Other ^e	1.24 (1.04)**	1.24 (1.02)**	1.31 (1.01)**	1.23 (1.01)**	1.21 (1.01)**	1.21 (1.01)**
Procedure ^f						
No procedure	Ref	Ref	Ref	Ref	Ref	Ref
Minor procedure	2.17 (1.03)**	1.68 (1.01)**	1.76 (1.01)**	2.50 (1.01)**	2.25 (1.01)**	1.96 (1.01)**
Major procedure	3.87 (1.04)**	2.52 (1.01)**	3.29 (1.01)**	4.79 (1.01)**	4.33 (1.01)**	3.79 (1.01)**

^a Ordinary least squares and quantile regression performed on $\ln(\text{costs})$; $\exp(\beta)$ represents percentage change in costs; quantile regression did not take complex sample design into account

^b SE: Standard error

^c CHD: Congenital heart defect

^d Other includes self-pay, no charge, other

^e Routine: all hospitalizations discharged to home, self-care, or court/law enforcement; Other: all transfers, discharged to home health care, against medical advice, and alive but destination unknown

^f No procedure: no procedure indicated on discharge summary; Minor procedure: non-operating room diagnostic or therapeutic procedure indicated on discharge summary; Major procedure: operating room diagnostic or therapeutic procedure indicated on discharge summary

* $p < 0.05$; ** $p < 0.001$