Table, Supplemental Digital Content 12: Multilevel model performance characteristics using RSI and HCC patient scores

Inpatient Population	C-Statistic		Akaike Information Criteria		Bayesian Information Criteria	
	RSI	HCC	RSI	HCC	RSI	HCC
All Inpatient (3,504 hospitals)	0.85	0.8	677307	744478	677363	744528
Surgical Stays (3,478 hospitals)	0.86	0.81	905673	1006763	905728	1006819
Non-surgical (3,502 hospitals)	0.84	0.79	251868	726706	251923	726756

Legend: Comparative model performance only using patient scores derived from full regressions, applied to holdout samples of 1.5 million (All Inpatients) 2 million (Surgical) and 1.5 million (Non-surgical) patients. AIC = Akaike Information Criteria, BIC = Bayesian Information Criteria, RSI = Risk Stratification Index, HCC = Hierarchical Conditions Categories