

**Table, Supplemental Digital Content 10: General Hospitals 30-day Mortality: RSI vs HCC Performance**

Inpatient Population	Akaike Information Criteria				Bayesian Information Criteria			
	RSI		HCC		RSI		HCC	
	Without Case-Mix Factors	With Case-Mix Factors	Without Case-Mix Factors	With Case-Mix Factors	Without Case-Mix Factors	With Case-Mix Factors	Without Case-Mix Factors	With Case-Mix Factors
All Inpatient (3,504 hospitals)	636028	635951	715082	715061	638683	638662	715563	715597
Surgical Stays (3,478 hospitals)	846134	845949	963250	963118	849641	849524	963748	963684
Non-surgical (3,502 hospitals)	628421	628246	700569	700405	631372	631234	701099	700972

Legend: Model performance characteristics across 3 inpatient populations. RSI = Risk

Stratification Index, HCC = Hierarchical Conditions Categories