Supplementary Tables

Table 1S. ICD-9-CM secondary diagnostics codes for diabetes mellitus.

	ICD-9-CM secondary diagnostics codes
Diabetes mellitus	249.00; 249.01; 249.10; 249.11; 249.20; 249.21; 249.30; 249.31; 249.50; 249.51; 249.90; 249.91; 250.00; 250.01; 250.02; 250.03; 250.10; 250.11; 250.12; 250.13; 250.20; 250.21; 250.22; 250.23; 250.30; 250.31; 250.32; 250.33; 250.50; 250.51; 250.52; 250.53; 250.90; 250.91; 250.92; 250.93; y V58.67

ICD-9-CM: International Classification of Diseases, Ninth Revision, Clinical Modification.

Table 2S. RECALCAR criteria for classifying the different types of centers.

Hospital group	Characteristics
Group 1	No structured cardiac unit: < 1500 "cardiac disease" discharges a year. No specific coding for cardiac unit discharges or < 500 cases coded for cardiology each year.
Group 2	Structured cardiac unit without catheterization laboratory: > 1500 cardiac disease cases a year and that encodes > 500 discharges to cardiology. Or that even encoding > 1500 cases do not perform > 200 PCI a year.
Group 3	Structured cardiac unit with catheterization laboratory. But without cardiac surgery: > 1500 discharges of cardiac diseases per year. encoding > 500 cases to cardiology. Performing > 200 PCI and < 50 CABG.
Group 4	Structured cardiac unit with catheterization laboratory and cardiac surgery: > 1500 discharges of cardiac disease per year. Encoding > 500 cases to cardiology. Performing > 200 PCI and > 50 CABG a year.
Group 5	Availability of catheterization laboratory and cardiac surgery without a structured cardiac unit: performing > 200 PCI and > 50 CABG a year. But encoding < 500 cases to cardiology.

CABG: coronary artery bypass grafting; PCI: percutaneous coronary interventionism.

Table 3S. In-hospital mortality adjustment model.

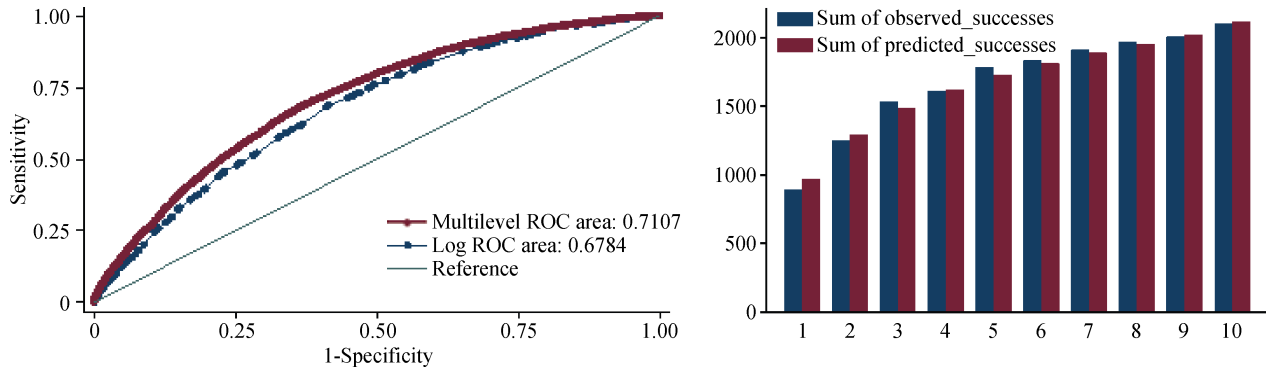| In-hospital mortality	Odds ratio	P-value	95% Confidence interval	
Age, yrs				
18–34	1.01	0.91	0.83	1.24
35–54	1.63	0.00	1.35	1.97
55–64	2.62	0.00	2.18	3.15
65–74	4.56	0.00	3.79	5.49
75–84	7.23	0.00	5.89	8.87
85–94	8.35	0.00	5.26	13.28
Woman	1.19	0.00	1.11	1.27
Metastatic cancer, acute leukemia and other severe cancers	1.94	0.00	1.40	2.69
Diabetes mellitus or diabetes mellitus complications except proliferative retinopathy	1.17	0.00	1.10	1.25
Chronic liver disease	1.84	0.00	1.38	2.44
Heart failure except cardiogenic shock	1.57	0.00	1.46	1.68
Vascular disease and complications	1.21	0.00	1.08	1.36
Renal failure	1.30	0.00	1.22	1.40

Supplementary Figure

Figure 1S. Discrimination (AUROC) and calibration for the in-hospital mortality adjustment model. AUROC: area under the receiver operating characteristic curve; ROC: receiver operating characteristic.