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SUPPLEMENTARY DATA

Table 1

Risk factors for in-hospital mortality and cardiac readmission: multilevel adjustment

	1-y mortality				1-y readmission			
	Odds ratio	*P*	[95% CI]		Odds ratio	*P*	[95% CI]	
Sex (male)	1.06	.008	1.02	1.11				
Age	1.05	< .001	1.04	1.05				
History of PTCA					1.21	< .001	1.12	1.30
History of CABG					1.22	< .001	1.11	1.34
DM and DM complications					1.25	< .001	1.21	1.30
Acute myocardial infarction	1.87	< .001	1.42	2.46	1.17	.013	1.03	1.32
Other acute/subacute forms of ischemic heart disease	1.51	< .001	1.29	1.76				
Valvular and rheumatic heart disease					1.43	< .001	1.38	1.49
Cardio-respiratory failure and shock	1.84	< .001	1.76	1.92				
Specified arrhythmias					1.23	< .001	1.19	1.27
Stroke	3.90	< .001	3.09	4.91				

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Renal failure	2.10	< .001	2.01	2.19	1.42	< .001	1.37	1.47
Pneumonia	1.30	< .001	1.24	1.36				
Protein-caloric malnutrition	1.37	< .001	1.17	1.60				
Severe hematological disorders					1.19	.002	1.07	1.32
Iron deficiency and other anemias and blood disease					1.07	.001	1.03	1.11
Dementia and senility	1.17	< .001	1.11	1.22				
Hemiplegia, paraplegia, paralysis, functional disability	1.31	< .001	1.18	1.46				
Metastatic cancer, acute leukemia, and other severe cancers	2.51	< .001	2.24	2.81				
Trauma in last year	1.18	.008	1.04	1.34				

CABG, coronary artery bypass grafting; CI, confidence interval; DM, diabetes mellitus; PTCA, percutaneous transluminal coronary angioplasty.

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Table 2

Risk standardized in-hospital mortality and cardiovascular readmission rates according to cardiovascular resources

	In-hospital mortality		30-d mortality		1-y in-hospital mortality		30-d cardiovascular readmission		1-y cardiovascular readmission	
	Odds ratio (95% CI)	*P*	Odds ratio (95% CI)	*P*	Odds ratio (95% CI)	*P*	Odds ratio (9% CI)	*P*	Odds ratio (95% CI)	*P*
Hemodynamic unit	0.97 (0.90-1.04)	.326	0.97 (0.91-1.03)	.379	0.96 (0.91-1.02)	.166	1.00 (0.93-1.08)	.995	1.02 (0.97-1.07)	.434
Cardiac surgery	0.91 (0.87-0.96)	.001	0.93 (0.89-0.98)	.004	0.92 (0.88-0.96)	< .001	0.99 (0.95-1.05)	.914	1.04 (1.01-1.08)	.010
Heart transplant program	0.88 (0.81-0.95)	.002	0.9 (0.84-0.98)	.009	0.95 (0.89-1.01)	.141	1.02 (0.95-1.10)	.549	1.08 (1.03-1.13)	.002

CI, confidence interval.

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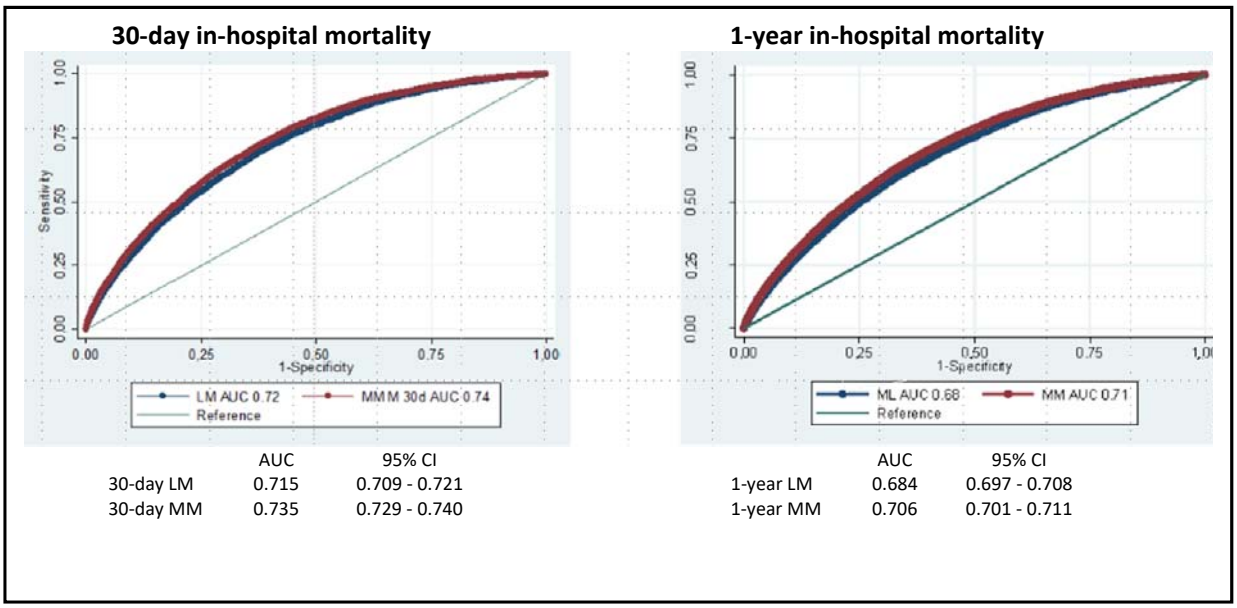
Figure 1

ROC curve for in-hospital mortality at 30-day and 1-year. Multilevel adjustment



	AUC	95% CI
30-day LM	0.715	0.709 - 0.721
30-day MM	0.735	0.729 - 0.740

	AUC	95% CI
1-year LM	0.684	0.697 - 0.708
1-year MM	0.706	0.701 - 0.711

AUC, area under ROC curve; CI, confidence interval; LM, logistic model; MM, multilevel model;

ROC: receiver operating characteristic