Supplementary material

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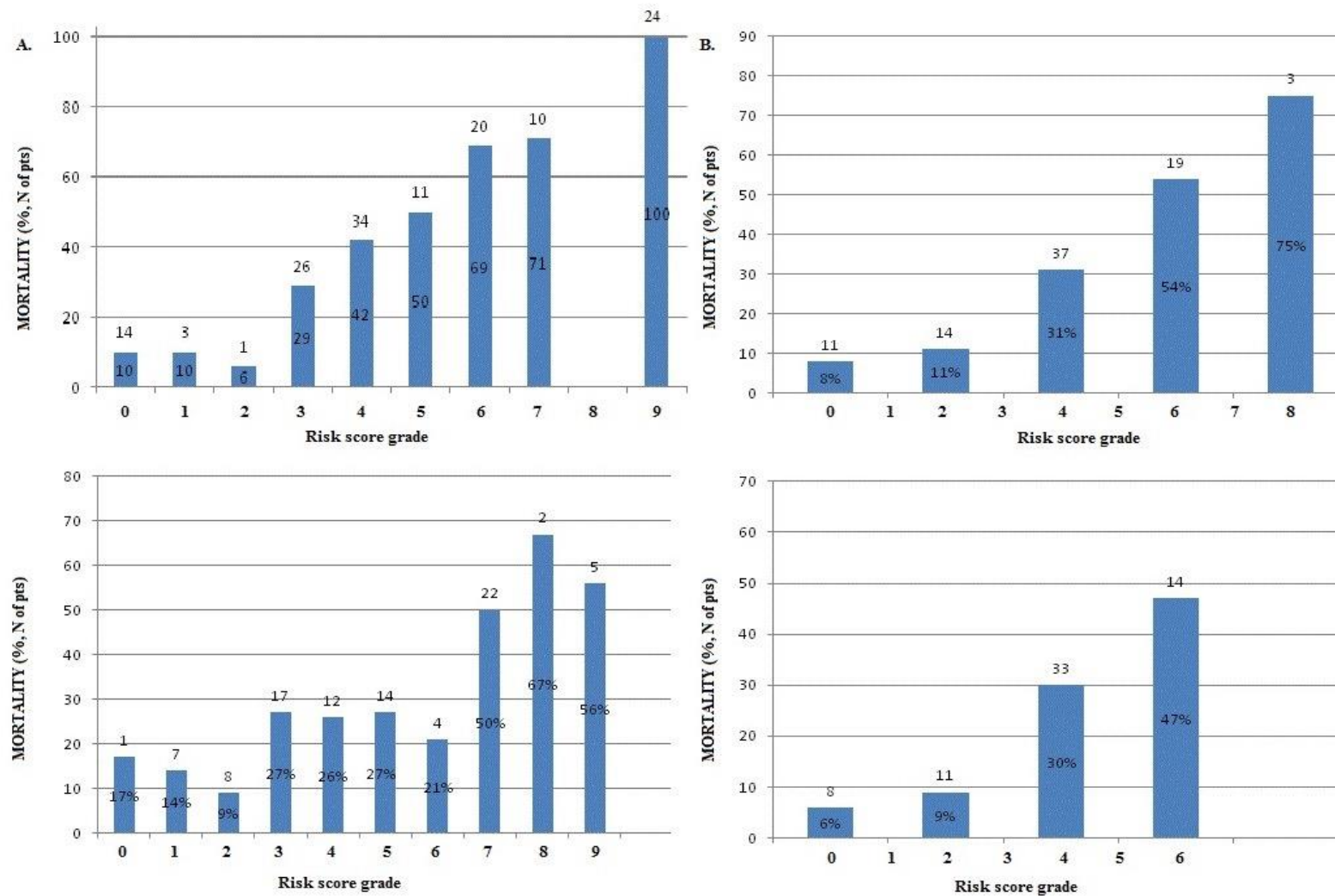
Table S1 Risk score grades with corresponding mortality rates and univariate analysis for long-term all-cause and cardiovascular mortality in the building group

| Parameter | All patients | | | | | | | | Survivors | | | | | | |
| | All-cause mortality (ANIN risk score I) n = 430 | | | | CV mortality (ANIN risk score II) n = 430 | | | | All-cause mortality (ANIN risk score III) n = 381 | | | | CV mortality (ANIN risk score IV) n = 407 | | |
RS grade	PT	Patients n (%)	Mortality n (%)	OR (95% CI); *P* value	PT	Patients n (%)	Mortality n (%)	OR (95% CI); *P* value	PT	Patients n (%)	Mortality n (%)	OR (95% CI); *P* value	PT	Patients n (%)	Mortality n (%)	OR (95% CI); *P* value
Low	0–2	188 (44)	18 (10)	–	0–2	273 (63)	24 (9)	–	0–2	142 (37)	16 (11)	–	0–2	266 (65)	19 (7)	–
Intermediate	3–5	194 (45)	71 (37)	5.4 (3.1–9.5); <0.001	4	118 (28)	37 (31)	4.5 (2.6–7.9); <0.001	3–6	182 (48)	47 (26)	2.7 (1.5–5.1); 0.001	4	111 (27)	33 (30)	4.3 (1.2–8.7); <0.001

	PT	Patients n (%)	Mortality n (%)	OR (95% CI); P value	PT	Patients n (%)	Mortality n (%)	OR (95% CI) P value	PT	Patients n (%)	Mortality n (%)	OR (95% CI) P value	PT	Patients n (%)	Mortality n (%)	OR (95% CI) P value
High	6–9	48 (11)	34 (71)	22.7 (10.3–50); <0.001	6–8	39 (9)	22 (56)	12.8 (6.0–27.1); <0.001	7–9	57 (15)	30 (53)	8.8 (4.2–18.8); 0.007	6–8	30 (7)	14 (47)	11.1 (4.5–23.6); <0.001
AUC (H-L)	0.79 (ns)			–	0.73 (ns)			–	0.69 (ns)			–	0.74 (ns)			–

Abbreviations: AUC, area under curve; H-L, Hosmer–Lemeshow; ns, nonsignificant; others, see Table 2

Table S2 Risk score grades with corresponding mortality rates and univariate analysis for long-term all-cause and cardiovascular mortality in the validation group

	All patients (n = 443)								Survivors of acute phase of STEMI (n = 435)							
	All-cause mortality				CV mortlaity				All-cause mortality				CV mortality			
RS	PT	Patients n (%)	Mortality n (%)	OR (95% CI); P value	PT	Patients n (%)	Mortality n (%)	OR (95% CI) P value	PT	Patients n (%)	Mortality n (%)	OR (95% CI) P value	PT	Patients n (%)	Mortality n (%)	OR (95% CI) P value
Low	0–2	300 (68)	54 (18)	–	0–2	297 (67)	31 (10)	–	0–2	297 (68)	52 (18)	–	0–2	295 (70)	29 (10)	–

Intermediate	3–5	120 (27)	50 (42)	3.2 (2.0–5.1); <0.001	4	104 (23)	26 (25)	2.7 (1.8–4.1); <0.001	3–6	106 (24)	35 (33)	1.3 (1.1–1.8); 0.001	4	97 (23)	19 (20)	2.7 (2.5–4.9); 0.001
High	6–9	23 (5)	13 (57)	5.2 (2.3–11.9); <0.001	6–8	42 (10)	21 (50)	3.2 (2.1–4.9); <0.001	7–11	32 (7)	12 (38)	1.1 (1.0–1.3); 0.23	6–8	29 (7)	9 (31)	3.7 (1.2–11.3); 0.02
AUC (H-L)	0.75 (ns)			–	0.73 (ns)			–	0.69 (ns)			–	0.62 (ns)			–

Abbreviations: see Table 2 and Table 3

Figure S1 Mortality rate according to each score for: **A** – ANIN risk score I; **B** – ANIN risk score II; **C** – ANIN risk score III; **D** – ANIN risk score

Abbreviations: N, number; pts, patients