

## Appendix

**Table SI.** Variables associated with postoperative myocardial infarction in stepwise logistic regression analysis (VQI all-procedures model 2012–2014)

Risk factor	Coefficient	SE <sup>a</sup>	OR	P value <sup>a</sup>
Intercept	−5.82	0.14	—	—
Procedure				
CEA (referent)	0	—	—	—
EVAR	0.17	0.16	1.2	0.2901
INFRA	1.12	0.09	3.1	<0.0001
SUPRA	1.60	0.15	4.9	<0.0001
OAAA	1.91	0.13	6.7	<0.0001
Age				
<60 (referent)	0	—	—	—
60–69	0.44	0.13	1.6	0.0006
70–79	0.64	0.13	1.9	<0.0001
≥80	1.10	0.14	3.0	<0.0001
Creatinine				
<1.8	0	—	—	—
≥1.8	0.76	0.11	2.1	<0.0001
On dialysis	0.64	0.16	1.9	<0.0001
Stress test				
Not performed (referent)	0	—	—	—
Normal	−0.15	0.09	0.9	0.0967
Abnormal	0.46	0.11	1.6	<0.0001
CAD				
None	0	—	—	—
Asymptomatic	0.40	0.09	1.5	<0.0001
Symptomatic	0.76	0.09	2.1	<0.0001
Diabetes				
None (referent)	0	—	—	—
Diet controlled	0.18	0.15	1.2	0.2251
noninsulin medication	0.20	0.08	1.2	0.0152
Insulin	0.39	0.09	1.5	<0.0001
CHF				
None (referent)	0	—	—	—
Asymptomatic	0.44	0.10	1.5	<0.0001
Symptomatic	0.50	0.13	1.7	<0.0001

AUC, area under receiver-operating characteristic curve; OR, odds ratio; SE, standard error; SUPRA, suprainguinal bypass.

AUC: 0.75 (CI: 0.73–0.76), internal validation AUC: 0.75 (CI: 0.73–76), external validation AUC: 0.76 (CI 0.73–0.78).

<sup>a</sup>Standard errors and P values are based on a robust covariance matrix that accounts for clustering of observations on medical center.