

Outcome of Percutaneous Coronary Intervention in Old Patients Presenting with Acute Coronary Syndrome

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Supplementary file 1

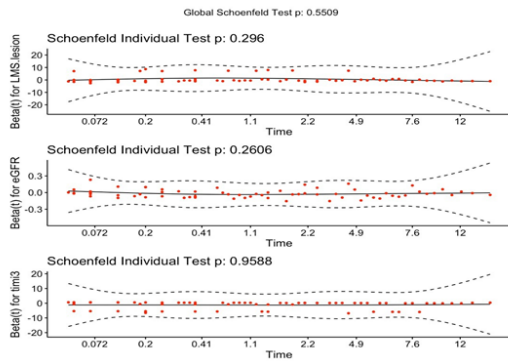
Predictors	STEMI		NSTEMI/UA	
	HR (95% CI)	P	HR (95% CI)	P
Age	1.04 (0.99–1.09)	0.107	1.02 (0.94–1.12)	0.560
BMI (Kg/m ²)	1.034 (0.98–1.08)	0.185	0.97 (0.91–1.04)	0.458
Family history	1.08 (0.47–2.48)	0.863	0.74 (0.26–2.08)	0.569
Dyslipidemia	0.99 (0.62–1.56)	0.955	0.45 (0.24–0.85)	0.014
Female	0.967 (0.61–1.54)	0.884	0.84 (0.44–1.60)	0.590
Hypertension	0.98 (0.62–1.55)	0.919	1.01 (0.56–1.88)	0.965
Diabetes mellitus	1.63 (1.04–2.56)	0.033	1.39 (0.77–2.51)	0.280
Smoking	0.94 (0.67–1.34)	0.751	1.16 (0.78–1.72)	0.478
Opium consumption	0.76 (0.30–1.96)	0.671	0.36 (0.06–2.38)	0.292
Cerebrovascular disease	1.04 (0.42–2.56)	0.941	0.54 (0.13–2.28)	0.405
COPD	0.31 (0.04–2.21)	0.241	2.60 (0.62–10.89)	0.191
LVEF	0.98 (0.96–1.00)	0.285	0.92 (0.97–1.01)	0.223
eGFR (mL/min)	0.98 (0.96–0.99)	0.034	0.97 (0.95–0.99)	0.007
Multivessel disease	1.05 (0.64–1.74)	0.840	1.80 (0.81–4.01)	0.150
Left main stenosis	1.85 (1.04–3.31)	0.037	2.27 (1.11–4.67)	0.025
Stent length (mm)	0.99 (0.97–1.03)	0.948	1.00 (0.96–1.04)	0.943
Preprocedural TIMI flow 3	0.58 (0.28–1.22)	0.153	0.65 (0.28–1.48)	0.303
Postprocedural TIMI flow 3	0.35 (0.16–0.76)	0.008	0.29 (0.11–0.80)	0.016
ACC/AHA type C	1.14 (0.78–1.69)	0.493	1.16 (0.63–2.14)	0.636

Yellow highlight: Candidate to enter the multivariable analysis
 Diabetes in STEMI: HR 1.45 (95%CI: 0.89–2.34), $P = 0.128$: All mentioned predictors in the multivariate analysis were hypothetically associated with MACCE; hence, diabetes in ST-elevated patients did not have a significant p-value ($P = 0.128$), and did not cause more than 10% change in the final model. Accordingly, it was excluded from the final predictors.

Predictors	STEMI**		NSTEMI/UA***	
	HR (95% CI)	P	HR (95% CI)	P
eGFR	0.98(0.96–0.99)	0.029	0.97 (0.95–0.99)	0.006
Left main stenosis*	1.84 (0.92–3.66)	0.081	2.50 (1.17–5.34)	0.018
Postprocedural TIMI flow 3	0.29 (0.16–0.53)	<0.001	0.22 (0.10–0.49)	<0.001
Dyslipidemia	—	—	0.37 (0.19–0.72)	0.003

*Left main stenosis: mentioned variable, did not have significant p-value in the multivariate analysis, yet it caused more than 10% alteration in the final model, thus, “Left main stenosis” considered as the independent predictor.
 **PH assumption: P -value = 0.550
 ***PH assumption: P -value = 0.982

STEMI



NSTEMI

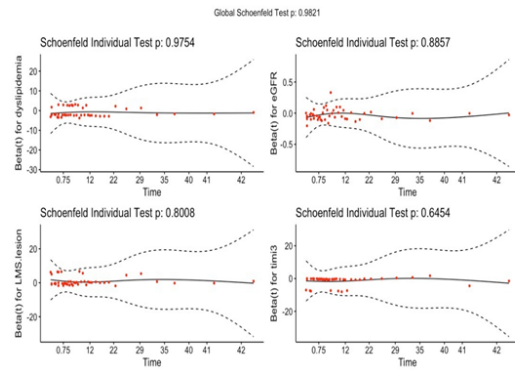


Figure S1. Assessment of proportional hazard assumption for Figure 4.