

Supplementary Table S1. Sensitivity analysis for the predictors associated with different time intervals during door-to-balloon time in ED STEMI patients

	Door-to-Balloon Time > 90 min	Door-to-ECG > 10 min	ECG-to-Consultation > 10 min	Consultation-to-Activation > 10 min	Activation-to-Cath Lab- Arrival > 30 min	Cath Lab-Arrival-to- Balloon Time > 30 min
Parameters	aOR (95% CI) <i>P</i> value	aOR (95% CI) <i>P</i> value	aOR (95% CI) <i>P</i> value	aOR (95% CI) <i>P</i> value	aOR (95% CI) <i>P</i> value	aOR (95% CI) <i>P</i> value
Age		1.03 (1.00–1.06) 0.030				
Female sex	2.83 (1.56–5.13) <0.001	3.23 (1.63–6.39) <0.001				
Weekend					2.08 (1.40–3.07) <0.001	
Year						
2013	Reference		Reference	Reference	Reference	Reference
2014	1.32 (0.56–3.12) 0.526		0.54 (0.26–1.12) 0.096	3.29 (0.66–16.37) 0.145	2.20 (0.78–6.20) 0.137	1.55 (0.79–3.05) 0.200
2015	0.60 (0.22–1.65) 0.320		0.77 (0.37–1.59) 0.475	4.17 (0.84–20.83) 0.082	2.83 (0.98–8.15) 0.054	1.85 (0.92–3.73) 0.084
2016	0.41 (0.14–1.19) 0.102		0.37 (0.16–0.81) 0.014	4.05 (0.83–19.72) 0.083	3.26 (1.18–8.98) 0.023	0.75 (0.36–1.56) 0.438
2017	0.49 (0.17–1.37) 0.174		0.52 (0.24–1.09) 0.081	6.25 (1.35–28.98) 0.019	2.70 (0.97–7.49) 0.057	0.61 (0.28–1.32) 0.208
2018	0.17 (0.04–0.65) 0.010		0.26 (0.11–0.63) 0.003	2.97 (0.58–15.22) 0.191	3.81 (1.39–10.45) 0.009	0.65 (0.30–1.38) 0.257
2019	0.58 (0.23–1.47) 0.249		0.92 (0.47–1.80) 0.804	6.42 (1.41–29.29) 0.016	4.69 (1.75–12.61) 0.002	0.67 (0.22–1.02) 0.055
2020	0.28 (0.09–0.90) 0.032		0.57 (0.27–1.20) 0.139	8.19 (1.79–37.41) 0.007	10.68 (4.00–28.50) <0.001	0.37 (0.16–0.88) 0.024
2021	0.42 (0.14–1.30) 0.131		0.83 (0.40–1.72) 0.613	8.411 (1.82–38.83) 0.006	17.36 (6.40–47.07) <0.001	0.59 (0.27–1.32) 0.201
Triage level						
1	Reference	Reference				
2	0.72 (0.34–1.56) 0.407	0.44 (0.19–0.99) 0.049				

3	3.20 (1.23–8.34) 0.017	3.05 (1.17–7.95) 0.023				
Lateral wall						
STEMI						
ED visit time						
08:00–15:59	Reference	Reference	Reference	Reference	Reference	Reference
16:00–23:59	1.71 (0.92–3.16) 0.088	1.02 (0.51–2.03) 0.956	0.35 (0.21–0.60) 0.477	0.88 (0.51–1.51) 0.639	3.84 (2.44–6.04) <0.001	0.89 (0.60–1.34) 0.578
00:00–07:59	2.95 (1.51–5.78) 0.002	1.38 (0.63–3.01) 0.425	1.17 (0.77–1.77) 0.028	1.45 (0.80–2.61) 0.217	6.45 (3.84–10.82) <0.001	0.88 (0.53–1.45) 0.613

OR: odds ratio; aOR: adjusted odds ratio; CI: confidence interval; ED: emergency department; STEMI: ST-segment elevation myocardial infarction.