

# **SUPPLEMENTAL MATERIAL**

**Table S1. Association between expanded list of variables and MRA prescription at discharge among MRA-eligible STEMI patients.**

	<b>Unadjusted OR (95% CI)</b>	<b>Adjusted* OR (95% CI)</b>	<b>P value</b>
<b>LVEF (per 5% decrease)</b>	<b>1.53 (1.26-1.87)</b>	<b>1.52 (1.23-1.88)</b>	<b>&lt;0.001</b>
<b>Calendar year (per year increase)</b>	<b>1.22 (1.10-1.35)</b>	<b>1.24 (1.12-1.38)</b>	<b>&lt;0.001</b>
Age, per 10-year decrease	1.14 (0.93-1.40)	1.09 (0.85-1.38)	0.500
Male	1.23 (0.63-2.39)	1.37 (0.63-2.96)	0.422
Non-anterior location	0.99 (0.52-1.88)	1.17 (0.58-2.38)	0.656
Non-PCI capable hospital	1.36 (0.78-2.37)	1.39 (0.76-2.53)	0.287
Hospital length-of-stay, per day increase	1.00 (0.98-1.02)	1.00 (0.98-1.02)	0.940
No ACEI/ARB use within 24 hours of presentation	1.58 (0.84-2.99)	1.35 (0.64-2.86)	0.437
Diabetes mellitus	<b>0.50 (0.29-0.86)</b>	0.54 (0.29-1.00)	0.051
Peak creatinine, per 10 µmol/L decrease	1.02 (0.97-1.07)	1.05 (0.98-1.12)	0.182

\*Multivariable adjustment for other covariates listed in this table.

ACEI: Angiotensin converting enzyme inhibitor, ARB: Angiotensin II receptor blocker, CI: Confidence interval; LVEF: Left ventricular ejection fraction, OR: odds ratio, PCI: Percutaneous coronary intervention.

**Table S2. Association between expanded list of variables and MRA prescription at discharge among MRA-eligible STEMI patients with history of diabetes (n=151).**

	<b>Adjusted* OR (95% CI)</b>	<b>P value</b>
<b>LVEF (per 5% decrease)</b>	<b>1.43 (1.01-2.02)</b>	<b>0.046</b>
<b>Calendar year (per year increase)</b>	<b>1.30 (1.09-1.56)</b>	<b>0.004</b>
Age, per 10-year decrease	1.13 (0.74-1.73)	0.560
Male	1.60 (0.44-5.90)	0.478
Non-anterior location	1.76 (0.64-4.88)	0.276
Non-PCI capable hospital	1.86 (0.72-4.82)	0.199
Hospital length-of-stay, per day increase	1.02 (0.96-1.07)	0.565
No ACEI/ARB use within 24 hours of presentation	0.56 (0.07-4.55)	0.590
Peak creatinine, per 10 µmol/L decrease	1.03 (0.93-1.14)	0.548

\*Multivariable adjustment for other covariates listed in this table.

ACEI: Angiotensin converting enzyme inhibitor, ARB: Angiotensin II receptor blocker, CI: Confidence interval; LVEF: Left ventricular ejection fraction, OR: odds ratio, PCI: Percutaneous coronary intervention.