

**Appendix 1:** Odds ratios from multilevel logistic regression model for 90-day use of beta-blockers, angiotensin modifying agents and statins in 2005/06

Characteristic	-blockers; OR (95% CI)	p value	ACE/ARB; OR (95% CI)	p value	Statins; OR (95% CI)	p value
<b>Patient characteristics</b>						
Age, yr	0.98 (0.97–0.99)	< 0.001	0.97 (0.97–0.98)	< 0.001	0.94 (0.93–0.95)	< 0.001
Female	1.05 (0.94–1.16)	0.409	1.03 (0.92–1.14)	0.614	0.85 (0.76–0.95)	0.005
Shock	0.91 (0.47–1.75)	0.781	1.35 (0.66–2.75)	0.409	1.36 (0.64–2.91)	0.424
Congestive heart failure	0.89 (0.79–1)	0.051	1.13 (1–1.28)	0.053	0.69 (0.61–0.78)	< 0.001
Cancer	0.69 (0.52–0.91)	0.008	0.49 (0.38–0.64)	< 0.001	0.38 (0.29–0.5)	< 0.001
Cerebrovascular disease	0.89 (0.66–1.19)	0.438	0.88 (0.66–1.19)	0.415	0.78 (0.57–1.06)	0.107
Pulmonary edema	0.78 (0.47–1.28)	0.326	1.72 (0.94–3.15)	0.081	0.66 (0.4–1.09)	0.106
Acute renal failure	0.9 (0.72–1.13)	0.381	0.54 (0.44–0.66)	< 0.001	0.74 (0.59–0.93)	0.009
Chronic renal failure	0.87 (0.72–1.06)	0.179	0.39 (0.32–0.46)	< 0.001	0.84 (0.69–1.03)	0.093
Diabetes with complications	1.12 (0.87–1.44)	0.371	1 (0.79–1.26)	0.999	0.94 (0.73–1.21)	0.610
Cardiac dysrhythmias	0.8 (0.71–0.92)	0.001	0.86 (0.75–0.98)	0.027	0.76 (0.66–0.87)	< 0.001
<b>Physician characteristics</b>						
GP/FP vs. cardiologist	0.69 (0.55–0.87)	0.001	0.77 (0.61–0.97)	0.024	0.46 (0.35–0.59)	< 0.001
General internist v. cardiologist	0.77 (0.64–0.92)	0.005	0.82 (0.68–0.98)	0.028	0.7 (0.56–0.86)	0.001
Other specialty v. cardiologist	0.76 (0.61–0.94)	0.011	0.74 (0.6–0.92)	0.007	0.64 (0.5–0.82)	< 0.001
Female physician	1.01 (0.86–1.2)	0.869	1.07 (0.9–1.26)	0.443	0.98 (0.82–1.17)	0.790
1-5 AMI patients/year	0.98 (0.78–1.24)	0.898	0.89 (0.71–1.12)	0.322	0.82 (0.63–1.07)	0.145
6-17 AMI patients/year	1 (0.82–1.22)	1.000	1.04 (0.85–1.27)	0.698	0.94 (0.74–1.19)	0.582
18-32 AMI patients/year	1 (0.83–1.21)	0.999	0.96 (0.8–1.15)	0.654	1.04 (0.83–1.31)	0.723
15-22 years clinical experience	0.98 (0.83–1.15)	0.775	1.01 (0.86–1.18)	0.921	1.13 (0.95–1.36)	0.173
23-28 years clinical experience	0.88 (0.74–1.04)	0.130	1.08 (0.91–1.28)	0.366	0.89 (0.74–1.08)	0.245
29 years clinical experience	0.71 (0.6–0.84)	< 0.001	0.86 (0.74–1.01)	0.074	0.81 (0.67–0.97)	0.019
<b>Hospital characteristics</b>						
Catheterization-only capacity	0.63 (0.47–0.85)	0.002	0.71 (0.54–0.92)	0.011	1 (0.67–1.51)	0.987
Revascularization capacity	0.92 (0.67–1.25)	0.575	0.9 (0.69–1.17)	0.431	1.04 (0.71–1.53)	0.853
Teaching hospital	1.22 (0.88–1.69)	0.241	1.16 (0.88–1.53)	0.283	1.64 (1.14–2.34)	0.007
100 AMI patients per year	0.87 (0.6–1.26)	0.471	0.89 (0.64–1.24)	0.484	1.51 (0.95–2.38)	0.080
101-200 AMI patients per year	0.98 (0.7–1.38)	0.909	0.93 (0.69–1.26)	0.632	1.28 (0.83–1.99)	0.268
201-300 AMI patients per year	1.06 (0.82–1.36)	0.658	0.93 (0.75–1.17)	0.549	1.31 (0.93–1.83)	0.118
<b>Community characteristics</b>						
500,000 – 1,249,999	1.05 (0.5–2.19)	0.894	0.8 (0.49–1.32)	0.388	0.96 (0.6–1.55)	0.875
100,000 – 499,999	0.98 (0.54–1.77)	0.935	0.82 (0.56–1.22)	0.333	0.79 (0.56–1.11)	0.171
< 100,000	0.97 (0.53–1.81)	0.933	0.97 (0.64–1.47)	0.884	0.75 (0.51–1.1)	0.138