### Table S1: Poisson regression model of yearly risk of death and composite death, AMI, and stroke

|                     | Estimate | Std. Error | z value | Pr(>|z|) |
|---------------------|----------|------------|---------|----------|
| **Death**           |          |            |         |          |
| Age                 | 0.071    | 0.004      | 16.295  | <0.001   |
| Female              | 0.100    | 0.105      | 0.955   | 0.340    |
| Follow up time in month | -1.606   | 0.081      | -19.945 | <0.001   |
| Follow up time in month $^2$ | 0.166    | 0.012      | 13.626  | <0.001   |
| Follow up time in month $^3$ | -0.008   | 0.001      | -11.129 | <0.001   |
| Follow up time in month $^4$ | 0.000    | 0.000      | 9.549   | <0.001   |
| Follow up time in month $^5$ | 0.000    | 0.000      | -8.357  | <0.001   |
| **Death, AMI, Stroke** |          |            |         |          |
| Age                 | 0.037    | 0.003      | 12.667  | <0.001   |
| Female              | 0.087    | 0.075      | 1.155   | 0.248    |
| Follow up time in month | -1.423   | 0.055      | -25.77  | <0.001   |
| Follow up time in month $^2$ | 0.139    | 0.008      | 17.016  | <0.001   |
| Follow up time in month $^3$ | -0.006   | 0.000      | -13.422 | <0.001   |
| Follow up time in month $^4$ | 0.000    | 0.000      | 11.164  | <0.001   |
| Follow up time in month $^5$ | 0.000    | 0.000      | -9.518  | <0.001   |
**Figure S1: Selection of eligible enrollees and cohort derivation**

Starting Population
Patients in database who had MI
(n = 23,352)

Acute MI Cohort* (n = 11,676)
Chronic MI Cohort (n = 13,931)

Inclusion criteria:
- At least 18 years old at index
  *Acute (n=11,593); Chronic (n=13,928)*
- Continuously enrolled at least 12 months prior to index date
  *Acute (n=8,707); Chronic (n=11,015)*

Exclusion criteria:
- Stroke, TIA, or bleeding disorder in the baseline period
  *Acute (n=1,523); Chronic (n=2,089)*
- Prior or ongoing anticoagulant therapy
  *Acute (n=539); Chronic (n=754)*

This figure displays the cohort derivation from the initial study population, exclusions, to the final study population. *To avoid overlapping between acute and chronic cohorts, we randomly picked 50% from patients initially meeting acute MI criteria and characterized them as acute MI cohort and the remaining 50% became candidates for chronic MI. † sample size drops to 7921, 7464, 7110 and 5925 for 1-, 2-, 3- and 6-12M windows, respectively in the sensitivity analyses.*
Figure S2: Study design. The Index Period (10/1/06 – 9/30/09) is the period in which a patient experienced an acute MI or for which there was a documented history of recent MI (chronic). The Baseline period is the 12-month period prior to index event in which data on patient medical and medication history are used to define baseline characteristics and does not include index date. The Follow-up period is the post-index date period (5 years maximum) in which patients can experience an outcome (death, ischemic event, or bleeding event).
