ONLINE SUPPLEMENT
Supplementary Tables
S 1. Definition of Risk-Adjustment Variables Used in Statistical Models

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Risk-Adjustment Variable	HCC Code
History of heart failure	HCC 80
History of acute myocardial infarction	HCC 81
Unstable angina	HCC 82
Chronic atherosclerosis	HCC 83-84
Cardiopulmonary-respiratory failure and shock	HCC 79
Hypertension	HCC 89, 91
Cerebrovascular disease	HCC 97-99, 103
Renal failure	HCC 131
Chronic obstructive pulmonary disease	HCC 108
Pneumonia	HCC 111-113
Diabetes	HCC 15-20, 120
Protein-calorie malnutrition	HCC 21
Dementia	HCC 49-50
Hemiplegia, paraplegia, paralysis, functional disability	HCC 100-102, 68-69, 177-178
Peripheral vascular disease	HCC 104-105
Metastatic cancer	HCC 7-8
Trauma in last year	HCC 154-156, 158-162
Major psychiatric disorders	HCC 54-56
Chronic liver disease	HCC 25-27
Severe hematological	HCC 44
Depression	HCC 58
Parkinson's or Huntington's disease	HCC 73
Anemia	HCC 47
Seizure disorder	HCC 74
Asthma	HCC 110
Chronic fibrosis	HCC 109
Vertebral fractures	HCC 157

Abbreviations: HCC = hierarchical condition categories