

Supplementary Table 1. Covariate balance before and after matching for coronary heart disease

	Coronary heart disease					
	Unmatched			Matched		
	Mean Infected	Non- infected	Standardized mean differences	Mean Infected	Non- infected	Standardized mean differences
Age	77.84	68.41	0.48	77.08	77.03	0.0043
Sex	0.48	0.60	0.25	0.49	0.49	0.00
Hospital admission	0.79	0.02	5.58	0.70	0.70	0.00
Myocardial infarction	0.01	0.01	0.02	0.00	0.00	0.00
Congestive heart failure	0.20	0.06	0.60	0.11	0.11	0.00
Peripheral vascular disease	0.08	0.05	0.14	0.03	0.03	0.00
Cerebrovascular disease	0.25	0.12	0.43	0.14	0.14	0.00
Dementia	0.21	0.05	0.68	0.14	0.14	0.00
Chronic pulmonary disease	0.37	0.10	0.89	0.29	0.29	0.00
Rheumatic disease	0.06	0.02	0.32	0.01	0.01	0.00
Peptic ulcer disease	0.13	0.04	0.40	0.07	0.07	0.00
Mild liver disease	0.20	0.12	0.25	0.16	0.16	0.00
Diabetes without chronic complications	0.06	0.01	0.68	0.01	0.01	0.00
Diabetes with chronic complications	0.05	0.03	0.12	0.03	0.03	0.00
Hemiplegia or paraplegia	0.02	0.01	0.19	0.00	0.00	0.00
Renal disease	0.07	0.03	0.26	0.01	0.01	0.00
Malignancy	0.15	0.05	0.42	0.08	0.08	0.00
Moderate or severe liver disease	0.00	0.00	0.05	0.00	0.00	0.00
Metastatic solid tumor	0.03	0.01	0.25	0.02	0.02	0.00
HIV/AIDS	0.00	0.00	0.01	0.00	0.00	0.00

Supplementary Table 2. Covariate balance before and after matching for heart failure

	Heart failure					
	Unmatched			Matched		
	Mean Infected	Non- infected	Standardized mean differences	Mean Infected	Non- infected	Standardized mean differences
Age	77.08	68.42	0.45	75.56	75.36	0.016
Sex	0.43	0.59	0.34	0.45	0.45	0.00
Hospital admission	0.78	0.02	5.40	0.66	0.66	0.00
Myocardial infarction	0.02	0.01	0.13	0.01	0.01	0.00
Congestive heart failure	0.10	0.05	0.22	0.02	0.02	0.00
Peripheral vascular disease	0.12	0.05	0.29	0.03	0.03	0.00
Cerebrovascular disease	0.25	0.12	0.42	0.12	0.12	0.00
Dementia	0.19	0.05	0.64	0.11	0.11	0.00
Chronic pulmonary disease	0.39	0.10	0.95	0.32	0.32	0.00
Rheumatic disease	0.06	0.02	0.31	0.03	0.03	0.00
Peptic ulcer disease	0.15	0.05	0.51	0.08	0.08	0.00
Mild liver disease	0.23	0.12	0.33	0.17	0.17	0.00
Diabetes without chronic complications	0.06	0.01	0.65	0.01	0.01	0.00
Diabetes with chronic complications	0.06	0.03	0.18	0.04	0.04	0.00
Hemiplegia or paraplegia	0.02	0.01	0.18	0.00	0.00	0.00
Renal disease	0.08	0.03	0.33	0.01	0.01	0.00
Malignancy	0.18	0.05	0.54	0.11	0.11	0.00
Moderate or severe liver disease	0.01	0.00	0.09	0.00	0.00	0.00
Metastatic solid tumor	0.02	0.01	0.11	0.02	0.02	0.00
HIV/AIDS	0.00	0.00	0.01	0.00	0.00	0.00

Supplementary Table 3. Covariate balance before and after matching for stroke

	Stroke					
	Unmatched			Matched		
	Mean Infected	Mean Non- infected	Standardized mean differences	Mean Infected	Mean Non- infected	Standardized mean differences
Age	78.20	68.57	0.50	77.66	77.53	0.011
Sex	0.46	0.60	0.29	0.49	0.49	0.00
Hospital admission	0.80	0.02	5.41	0.71	0.71	0.00
Myocardial infarction	0.03	0.01	0.11	0.00	0.00	0.00
Congestive heart failure	0.20	0.07	0.52	0.09	0.09	0.00
Peripheral vascular disease	0.11	0.05	0.24	0.03	0.03	0.00
Cerebrovascular disease	0.20	0.10	0.31	0.10	0.10	0.00
Dementia	0.17	0.05	0.53	0.12	0.12	0.00
Chronic pulmonary disease	0.37	0.11	0.88	0.29	0.29	0.00
Rheumatic disease	0.05	0.02	0.28	0.02	0.02	0.00
Peptic ulcer disease	0.11	0.05	0.31	0.06	0.06	0.00
Mild liver disease	0.19	0.12	0.21	0.15	0.15	0.00
Diabetes without chronic complications	0.04	0.01	0.42	0.01	0.01	0.00
Diabetes with chronic complications	0.05	0.03	0.16	0.03	0.03	0.00
Hemiplegia or paraplegia	0.02	0.01	0.18	0.00	0.00	0.00
Renal disease	0.10	0.03	0.39	0.02	0.02	0.00
Malignancy	0.15	0.06	0.41	0.09	0.09	0.00
Moderate or severe liver disease	0.00	0.00	0.05	0.00	0.00	0.00
Metastatic solid tumor	0.01	0.01	0.07	0.01	0.01	0.00
HIV/AIDS	0.00	0.00	0.01	0.00	0.00	0.00

Supplementary Table 4. Covariate balance before and after matching for atrial fibrillation

	Atrial fibrillation					
	Unmatched			Matched		
	Mean Non- infected	Infected	Standardized mean differences	Mean Non- infected	Infected	Standardized mean differences
Age	78.70	68.92	0.51	77.67	77.52	0.012
Sex	0.45	0.60	0.29	0.48	0.48	0.00
Hospital admission	0.83	0.02	5.42	0.74	0.74	0.00
Myocardial infarction	0.02	0.01	0.09	0.00	0.00	0.00
Congestive heart failure	0.20	0.07	0.52	0.11	0.11	0.00
Peripheral vascular disease	0.10	0.05	0.21	0.03	0.03	0.00
Cerebrovascular disease	0.26	0.12	0.42	0.13	0.13	0.00
Dementia	0.19	0.06	0.55	0.12	0.12	0.00
Chronic pulmonary disease	0.38	0.11	0.90	0.28	0.28	0.00
Rheumatic disease	0.06	0.02	0.32	0.02	0.02	0.00
Peptic ulcer disease	0.12	0.05	0.36	0.05	0.05	0.00
Mild liver disease	0.18	0.12	0.18	0.12	0.12	0.00
Diabetes without chronic complications	0.05	0.01	0.53	0.01	0.01	0.00
Diabetes with chronic complications	0.06	0.03	0.19	0.03	0.03	0.00
Hemiplegia or paraplegia	0.02	0.01	0.16	0.00	0.00	0.00
Renal disease	0.10	0.03	0.41	0.02	0.02	0.00
Malignancy	0.17	0.06	0.50	0.08	0.08	0.00
Moderate or severe liver disease	0.01	0.00	0.05	0.00	0.00	0.00
Metastatic solid tumor	0.02	0.01	0.17	0.02	0.02	0.00
HIV/AIDS	0.00	0.00	0.01	0.00	0.00	0.00
Atrial fibrillation	0.03	0.03	0.02	0.01	0.01	0.00