Table S2. Variables included in propensity score, with definitions

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| **Variable** | **Codes** |
| **Demographic and socioeconomic characteristics** |  |
| Age |  |
| **Comorbidities** | *ICD-10 code* |
| Angina pectoris | I20.0 |
| Other ischemic heart disease | I11.x(not I11.0), I20.x(not I20.0), I24.x, I25.x |
| Cardiomyopathy | I42.x, I43.x |
| Valve disorders | I34.x - I37.x |
| Other cerebrovascular disease | G45.x(not G45.0), G46.x, I65.x - I69.x |
| Atrial fibrillation | I48.x |
| Other arrhythmia | I44.x - I47.x, I49.x |
| Diabetic complications | E11.0, E11.1, E11.3, E11.4, E11.6-E11.8, E13.0, E13.1, E13.3, E13.4, E13.6-E13.8, E14.0, E14.1, E14.3, E14.4, E14.6-E14.8, E16.0-E16.2, G59.0, G63.2, G99.0, H28.0, H35.8, H36.0, L98.4, M14.2, M14.6, M90.8 |
| COPD | J44.x |
| Other lung disease | E66.2, J27.x, J40.x-J43.x, J45.x-J47.x, J60.x-J70.x, J84.x, J92.x, J96.x, J98.2, J98.3, R09.2, Z99.x |
| Venous thromboembolism | I26.x, I80.x (not I80.0), I81.x, I82.0, I82.2 - I82.9 |
| Cancer | C00.x-C97.x (not C61-) |
| Liver disease | B18.x, I85.0, I85.9, I98.2, K70.x-K77.x |
| Rheumatic disease | M05.x-M09.x, M30.x.-M34.x, M35.1, M35.3, M45.x |
| Psychiatric disorder | F04.x-F10.x, F20.x-F99.x |
| Fracture | M48.4, M48.5, M84.3, S02.x (not S02.5), S12.x, S22.x, S32.x, S42.x, S52.x, S62.x, S72.x, S82.x, S92.x, T02.x, T08.x, T10.x, T12.x |
| Arterial disease (including amputation) | E11.5, E13.5, E14.5, I65.x, I70.x, I72.x-I74.x, I77.x, K55.0, K55.1 |
| Renal disease | E11.2, E13.2, E14.2, I12.x, I13.x, N00.x-N08.x, N17.x-N19.x, N25.x-N27.x |
| **Diabetes drugs** | *ATC code* |
| Metformin | A10J1, A10K3, A10N3 |
| SGLT2 inhibitor | A10P1, A10P5 |
| Sulphonylureas | A10H-, A10K2 |
| Insulin | A10C1, A10C2, A10C3, A10C5, A10C9 |
| GLP1 receptor agonists | A10S- |
| DPP-4 inhibitor | A10N1, A10N3, A10P5, A10N9 |
| Other antidiabetics (glitazones, glinides, acarbose) | A10K1, A10K2, A10K3, A10L-, A10M1, A10M9, A10X9 |
| **Hypertensive drugs** |  |
| ARB/ACE-I | C09A-, C09C-, C09D1, C09D3, C09D9, C09X- |
| Calcium-channel blocker | C08A-, C09D3 |
| Loop diuretic | C03A2 |
| Other diuretic | C02D-, C03A1, C03A3, C03A7, C03A9 |
| Beta-blocker | C07A- |
| **Other drugs** |  |
| Nitrate | C01E- |
| Platelet inhibitors | B01C1, B01C2, B01C4, B01C5, B01C9 |
| Anticoagulant | B01A-, B01F-, B01E-, B01X- |
| Lipid lowering drug | C10A1, C10A2, C10A3, C10A4, C10A9, C10B-, C10C-, C11A1 |
| Antidepressant | N06A3, N06A4, N06A5, N06A9 |
| Antipsychotic | N05A1, N05A9 |
| Anxiolytic, hypnotic, or sedative | N05B1,N05B3, N05C- |
| Beta-2 agonist inhalant | R03A3, R03A4, R03L2, R03L3 |
| Anticholinergic inhalant | R03K1, R03K2, R03L2, R03L3 |
| Glucocorticoid inhalant | R03D1, R03F1 |
| NSAID | M01A1, M01A3 |
| Opioid | N02A- |