

**Supplementary Table 1.** Definitions of covariates

Variable	Definition
Heavy alcohol consumption [19]	An average daily alcohol ingestion $\geq 30$ g/day
Regular exercise [20]	High-intensity physical activity causing extreme shortness of breath for >20 minutes/session, $\geq 3$ days/week, and/or moderate-intensity physical activity accompanied by a substantial shortness of breath for >30 minutes/session, $\geq 5$ days/week
Body mass index	Body weight in kilograms divided by the height in meters squared ( $\text{kg}/\text{m}^2$ )
Hypertension [21]	The presence of at least one claim per year under ICD-10 codes I10 or I11 and one or more claims per year for the prescription of antihypertensive agents, or systolic/diastolic BP $\geq 140/90$ mm Hg
Dyslipidemia [21]	The presence of at least one claim per year under ICD-10 code E78 and one or more claims per year for the prescription of a lipid-lowering agent, or total cholesterol $\geq 240$ mg/dL
Chronic kidney disease [22]	An eGFR $< 60$ mL/min/1.73 m <sup>2</sup>
Insulin use [23]	One or more prescriptions of insulin per year and a total of three or more prescriptions of insulin in an outpatient setting
Mental, behavioral and neurodevelopmental disease	The presence of at least one claim per year under ICD-10 F codes.
Cancer	The presence of at least one claim per year under ICD-10 C codes.
Dementia [24]	The prescription of one or more anti-dementia medications and the presence of a claim for Alzheimer's disease (AD), vascular dementia (VD), or another form of dementia (ICD-10 codes F02, F03, G23.1, G31)

ICD-10, International Classification of Diseases-10th Revision; BP, blood pressure; eGFR, estimated glomerular filtration rate.