

Supplementary Table 1. Variables used in each prediction model

Model	Variable
Cox Ls	Age at baseline, sex BMI, SBP, DBP, FBG, TC, hemoglobin, AST, ALT, GGT, proteinuria Smoking, alcohol, exercise Personal history of hypertension, heart disease, stroke, and others (including malignancy), family history of hypertension, heart disease, stroke, DM, and others (including malignancy)
DL	Date of each health examination Age at baseline, sex BMI, SBP, DBP, FBG, TC, hemoglobin, AST, ALT, GGT, proteinuria Smoking, alcohol, exercise Personal history of hypertension, heart disease, stroke, and others (including malignancy), family history of hypertension, heart disease, stroke, DM, and others (including malignancy)

Cox Ls, Cox longitudinal summary; BMI, body mass index; SBP, systolic blood pressure; DBP, diastolic blood pressure; FBG, fasting blood glucose; TC, total cholesterol; AST, aspartate aminotransferase; ALT, alanine aminotransferase; GGT, gamma-glutamyl transferase; DM, diabetes mellitus; DL, deep learning.