Supplementary Figure S1. Regression plot for BMI versus age at onset of hypertension in non-diabetic patients.
**Supplementary Figure S2.** Multiple linear regression models (with introducing an interaction term between sex and BMI) for association between BMI and age at onset of hypertension. Solid lines correspond to models for hypertension in type 2 diabetic patients; dashed lines correspond to models for hypertension in non-diabetic patients. Black lines represent models developed with data on women; red lines represent models developed with data on men.
Supplementary Figure S3. Characteristics of the different data sets considered in the study. The data sets correspond to (A) Onset of hypertension in non-diabetic patients; (B) Onset of hypertension in diabetic patients; and (C) Onset of hypertension in patients destined to become diabetic (i.e. onset of hypertension preceding that of diabetes).

A. Hypertension in non-diabetic patients.

\[ \hat{Y} = 54.34 - [0.18 \times (\text{BMI})] - [(0.44 \times \text{Sex}=\text{male}) \times (\text{BMI})] + [11.72 \times (\text{Sex}=\text{male})]. \]

B. Hypertension in diabetic patients (i.e. Onset of diabetes is prior to that of hypertension).

\[ \hat{Y} = 70.13 - [0.39 \times (\text{BMI})] - [(0.27 \times \text{Sex}=\text{male}) \times (\text{BMI})] + [5.6 \times (\text{Sex}=\text{male})]. \]

C. Diabetes in hypertensive patients (i.e. Onset of hypertension is prior to that of diabetes).

\[ \hat{Y} = 61.64 - [-0.32 \times (\text{BMI})] - [(0.36 \times \text{Sex}=\text{male}) \times (\text{BMI})] + [9.13 \times (\text{Sex}=\text{male})]. \]