Supplementary Table 1. Diabetes prediction modelling candidate variables

	62 Variables	27 Variables
Physical examination	Age, sex	Age, sex
	Weight, height, BMI	Weight, height, BMI
	Systolic BP, diastolic BP, pulse rate	Systolic BP, diastolic BP
	Ideal body weight	
	Muscle mass, fat mass	
	Muscle/fat ratio	
	Body fat percent	
	Waist-hip ratio, waist circumference	
	FVC, FEV1, FEV/FVC, FEF 25%–75%	
Laboratory findings	Fasting glucose, HbA1c	Fasting glucose
	TC, triglyceride, HDL-C, LDL-C	HDL-C, LDL-C
	WBC count, RBC count, platelet count	
	Hemoglobin, hematocrit	Hemoglobin
	MCV, MCH, MCHC	
	Total protein, albumin	AST, ALT
	AST, ALT	γ-GTP
	Alkaline phosphatase, amylase, γ-GTP	
	Globulin, albumin/globulin ratio	Creatinine
	BUN, creatinine	
	Sodium, potassium, chloride	
	Total calcium, phosphorus	
	TSH, free T4	Urine pH
	Urine pH	
Family history	Cardiovascular disease, cerebrovascular disease, diabetes mellitus, hypertension, hepatic disease, cancer	
Patent history	Cerebrovascular disease, hypertension, dyslipidemia, smoking, smoking amount	

Full models: 62 variables from health checkups at the health promotion center of a tertiary university hospital; Simplified models: 27 variables assessed in the national routine health checkups. BMI, body mass index; BP, blood pressure; FVC, forced vital capacity; FEV1, forced expiratory volume in 1 second; FEF, forced expiratory flow; HbA1c, glycosylated hemoglobin; TC, total cholesterol; HDL-C, high-density lipoprotein cholesterol; LDL-C, low-density lipoprotein cholesterol; WBC, white blood cell; RBC, red blood cell; MCV, mean corpuscle volume; MCH, mean corpuscle hemoglobin; MCHC, mean corpuscle hemoglobin concentration; AST, aspartate transaminase; ALT, alanine aminotransferase; GTP, glutamyl transpeptidase; BUN, blood urea nitrogen; TSH, thyroid stimulating hormone; T4, thyroxine.