Supplement table 1. Age subgroup analysis results for the impact of baseline risk factors on people with DM and UDM using age- and sex-adjusted multinomial logistic regression model with the without DM group as reference

Variables	Age <40		Age ≥40	
	Known	Unknown	Known	Unknown
	OR [95% CI]	OR [95% CI]	OR [95% CI]	OR [95% CI]
Demographic characteristics				
Educational attainment				
High school or less	*Reference*	*Reference*	*Reference*	*Reference*
Higher than high school	**0.30 [0.18-0.49]**	**0.63 [0.41-0.97]**	**0.69 [0.61-0.79]**	**0.70 [0.57-0.85]**
Marital status				
Not married	*Reference*	*Reference*	*Reference*	*Reference*
Married	1.05 [0.50-2.20]	0.82 [0.49-1.36]	**0.59 [0.44-0.81]**	**0.58 [0.38-0.90]**
Employment status				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	0.91 [0.52-1.61]	1.05 [0.65-1.69]	**0.76 [0.68-0.84]**	**0.84 [0.70-1.00]**
Income level				
Low	*Reference*	*Reference*	*Reference*	*Reference*
Middle-low	0.66 [0.36-1.22]	0.75 [0.43-1.30]	**0.85 [0.75-0.96]**	**0.73 [0.59-0.89]**
Middle	0.80 [0.42-1.50]	0.61 [0.33-1.16]	**0.72 [0.63-0.82]**	**0.62 [0.51-0.76]**
High	0.55 [0.26-1.18]	1.22 [0.73-2.04]	**0.75 [0.66-0.86]**	**0.60 [0.48-0.74]**
Health status				
Family history of diabetes				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	**4.80 [3.00-7.67]**	**3.19 [2.11-4.83]**	**3.66 [3.23-4.14]**	**1.92 [1.57-2.33]**
Hypertension status				
Normal	*Reference*	*Reference*	*Reference*	*Reference*

At high risk	1.53 [0.79-2.96]	**2.46 [1.44-4.20]**	**1.43 [1.23-1.66]**	**2.40 [1.93-2.99]**
Hypertension	**4.00 [2.06-7.75]**	**5.16 [2.83-9.39]**	**3.10 [2.74-3.51]**	**4.27 [3.47-5.25]**
Obesity				
Underweight	0.38 [0.05-2.79]	**0.12 [0.02-0.96]**	**0.37 [0.26-0.53]**	**0.38 [0.16-0.93]**
Normal	*Reference*	*Reference*	*Reference*	*Reference*
Overweight	1.38 [0.60-3.21]	**2.35 [1.06-5.24]**	**1.30 [1.15-1.47]**	**1.59 [1.27-2.01]**
Obesity	**3.21 [1.56-6.62]**	**9.53 [4.78-18.97]**	**2.42 [2.17-2.70]**	**4.00 [3.30-4.85]**
BMI (kg/m2)	**1.19 [1.12-1.26]**	**1.32 [1.26-1.38]**	**1.18 [1.16-1.20]**	**1.24 [1.22-1.27]**
Waist circumference (cm)	**1.07 [1.04-1.10]**	**1.12 [1.10-1.14]**	**1.08 [1.07-1.08]**	**1.09 [1.08-1.10]**
Self-reported health status				
Very bad	**17.92 [6.81-47.19]**	1.77 [0.24-13.09]	**2.87 [2.39-3.44]**	1.15 [0.77-1.74]
Bad	**4.48 [2.55-7.86]**	**1.74 [1.01-2.99]**	**1.98 [1.76-2.23]**	1.18 [0.96-1.46]
Normal				
Good	**0.32 [0.15-0.71]**	**0.54 [0.31-0.93]**	**0.48 [0.42-0.55]**	**0.60 [0.49-0.73]**
Very good	0.48 [0.11-2.07]	0.15 [0.02-1.07]	**0.36 [0.26-0.49]**	0.76 [0.53-1.09]
EuroQol-5D (EQ-5D) index score	**0.01 [0.00-0.03]**	0.52 [0.02-12.86]	**0.29 [0.21-0.40]**	0.57 [0.29-1.12]
Health determinant				
Current smoking status				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	**1.84 [1.05-3.22]**	1.49 [0.91-2.44]	**1.23 [1.08-1.40]**	**1.33 [1.10-1.61]**
Heavy alcohol consumption				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	1.68 [0.90-3.13]	1.46 [0.88-2.44]	**1.49 [1.25-1.77]**	**1.85 [1.48-2.31]**
Walking				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	1.13 [0.58-2.22]	0.80 [0.43-1.49]	1.03 [0.91-1.17]	0.80 [0.63-1.01]

Muscle training				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	0.74 [0.40-1.37]	0.66 [0.36-1.19]	0.89 [0.79-1.01]	**0.79 [0.65-0.96]**
Healthcare accessibility				
Undergone the national health screening				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	0.65 [0.39-1.07]	**0.61 [0.40-0.94]**	**0.84 [0.76-0.92]**	**0.59 [0.50-0.69]**
Undergone cancer screening test				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	0.62 [0.36-1.08]	0.67 [0.40-1.12]	0.95 [0.86-1.04]	**0.63 [0.54-0.73]**
Outpatient visit				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	**3.82 [1.08-13.52]**	1.17 [0.48-2.84]	**1.51 [1.26-1.81]**	1.06 [0.79-1.41]
Laboratory test				
Total cholesterol (mg/dL)	1.00 [0.99-1.01]	**1.02 [1.01-1.02]**	**0.99 [0.98-0.99]**	**1.01 [1.01-1.01]**
High-density lipoprotein (mg/dL)	**0.97 [0.95-1.00]**	**0.94 [0.92-0.96]**	**0.96 [0.96-0.97]**	**0.97 [0.96-0.98]**
Blood creatinine (mg/dL)	0.10 [0.00-2.07]	**0.02 [0.00-0.20]**	**1.45 [1.04-2.01]**	**0.47 [0.28-0.78]**
Estimated glomerular filtration rate (e-GFR) test	**1.01 [1.00-1.02]**	**1.02 [1.01-1.03]**	**0.99 [0.99-1.00]**	**1.01 [1.00-1.01]**
Blood urea nitrogen (mg/dL)	**1.05 [1.00-1.10]**	1.03 [0.97-1.09]	**1.03 [1.02-1.05]**	**1.01 [1.00-1.03]**
Systolic blood pressure (mmHg)	**1.03 [1.01-1.05]**	**1.05 [1.04-1.07]**	**1.01 [1.01-1.01]**	**1.03 [1.02-1.03]**
Diastolic blood pressure (mmHg)	**1.04 [1.01-1.06]**	**1.05 [1.04-1.07]**	**0.99 [0.99-1.00]**	**1.04 [1.03-1.05]**
Fasting blood glucose (mg/dL)	**1.38 [1.28-1.48]**	**1.39 [1.29-1.49]**	**1.29 [1.26-1.32]**	**1.30 [1.27-1.33]**
Triglyceride concentration (mg/dL)	**1.00 [1.00-1.00]**	**1.00 [1.00-1.00]**	**1.00 [1.00-1.00]**	**1.00 [1.00-1.01]**

OR with 95% CI written in bold style indicates that p-value is less than 0.05

Supplement table 2. Sex subgroup analysis results for the impact of baseline risk factors on people with DM and UDM using age-adjusted multinomial logistic regression model with the without DM group as reference

Variables	Male		Female	
	Known	Unknown	Known	Unknown
	OR [95% CI]	OR [95% CI]	OR [95% CI]	OR [95% CI]
Demographic characteristics				
Educational attainment				
High school or less	*Reference*	*Reference*	*Reference*	*Reference*
Higher than high school	**0.67 [0.57-0.79]**	**0.74 [0.58-0.93]**	**0.45 [0.36-0.58]**	**0.43 [0.31-0.59]**
Marital status				
Not married	*Reference*	*Reference*	*Reference*	*Reference*
Married	**0.98 [0.98-0.98]**	**1.40 [1.40-1.40]**	**1.88 [1.13-3.12]**	**1.87 [1.06-3.29]**
Employment status				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	1.01 [0.87-1.18]	**1.36 [1.08-1.72]**	**0.77 [0.67-0.88]**	0.87 [0.69-1.09]
Income level				
Low	*Reference*	*Reference*	*Reference*	*Reference*
Middle-low	**0.83 [0.70-1.00]**	0.82 [0.63-1.05]	**0.84 [0.70-1.00]**	**0.61 [0.46-0.80]**
Middle	**0.71 [0.59-0.87]**	**0.64 [0.49-0.83]**	**0.73 [0.62-0.87]**	**0.58 [0.44-0.78]**
High	0.83 [0.68-1.01]	**0.76 [0.59-0.99]**	**0.66 [0.55-0.80]**	**0.54 [0.40-0.72]**
Health status				
Family history of diabetes				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	**4.06 [3.42-4.82]**	**2.41 [1.91-3.05]**	**4.00 [3.37-4.74]**	**2.35 [1.84-3.01]**
Hypertension status				
Normal	*Reference*	*Reference*	*Reference*	*Reference*

At high risk	1.21 [0.99-1.48]	**2.19 [1.67-2.89]**	**1.88 [1.51-2.34]**	**3.11 [2.25-4.29]**
Hypertension	**2.61 [2.21-3.08]**	**4.34 [3.29-5.73]**	**4.15 [3.43-5.03]**	**4.57 [3.32-6.28]**
Obesity				
Underweight	**0.23 [0.14-0.39]**	**0.31 [0.11-0.90]**	**0.51 [0.31-0.83]**	**0.24 [0.07-0.82]**
Normal	*Reference*	*Reference*	*Reference*	*Reference*
Overweight	**1.27 [1.06-1.52]**	**1.43 [1.08-1.89]**	**1.39 [1.16-1.65]**	**2.52 [1.73-3.69]**
Obesity	**2.14 [1.81-2.53]**	**3.31 [2.60-4.20]**	**2.97 [2.57-3.44]**	**8.54 [6.26-11.66]**
BMI (kg/m2)	**1.16 [1.14-1.19]**	**1.22 [1.19-1.26]**	**1.20 [1.18-1.22]**	**1.30 [1.26-1.33]**
Waist circumference (cm)	**1.07 [1.06-1.08]**	**1.08 [1.07-1.09]**	**1.08 [1.07-1.09]**	**1.12 [1.11-1.13]**
Self-reported health status				
Very bad	**3.11 [2.22-4.35]**	0.92 [0.45-1.89]	**2.71 [2.17-3.39]**	**1.21 [0.75-1.94]**
Bad	**2.25 [1.87-2.70]**	**1.38 [1.05-1.81]**	**1.89 [1.62-2.20]**	1.02 [0.77-1.37]
Normal				
Good	**0.43 [0.36-0.52]**	**0.52 [0.41-0.67]**	**0.53 [0.43-0.65]**	**0.70 [0.52-0.94]**
Very good	**0.31 [0.22-0.44]**	**0.56 [0.35-0.88]**	**0.45 [0.24-0.82]**	0.81 [0.48-1.34]
EuroQol-5D (EQ-5D) index score	**0.27 [0.15-0.49]**	0.63 [0.22-1.79]	**0.40 [0.26-0.62]**	1.31 [0.56-3.09]
Health determinant				
Current smoking status				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	**1.26 [1.10-1.45]**	**1.41 [1.16-1.72]**	1.25 [0.92-1.69]	1.47 [0.94-2.30]
Heavy alcohol consumption				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	**1.60 [1.33-1.91]**	**1.98 [1.60-2.46]**	1.17 [0.73-1.89]	1.42 [0.82-2.45]
Walking				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	0.98 [0.81-1.20]	**0.66 [0.49-0.90]**	1.08 [0.89-1.33]	0.96 [0.70-1.31]

Muscle training				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	0.99 [0.85-1.14]	**0.79 [0.63-0.98]**	**0.73 [0.59-0.91]**	**0.69 [0.48-0.98]**
Healthcare accessibility				
Undergone the national health screening				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	0.95 [0.82-1.10]	**0.69 [0.56-0.84]**	0.88 [0.78-1.00]	**0.66 [0.53-0.83]**
Undergone cancer screening test				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	**1.20 [1.04-1.38]**	**0.81 [0.67-0.99]**	0.97 [0.85-1.11]	**0.70 [0.56-0.87]**
Outpatient visit				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	**1.68 [1.29-2.20]**	1.34 [0.93-1.93]	**1.41 [1.12-1.78]**	0.68 [0.43-1.06]
Laboratory test				
Total cholesterol (mg/dL)	**0.99 [0.99-0.99]**	**1.01 [1.01-1.01]**	**0.99 [0.98-0.99]**	**1.01 [1.01-1.02]**
High-density lipoprotein (mg/dL)	**0.97 [0.96-0.97]**	**0.97 [0.96-0.98]**	**0.96 [0.95-0.97]**	**0.95 [0.94-0.96]**
Blood creatinine (mg/dL)	**1.24 [1.03-1.50]**	**0.35 [0.19-0.67]**	**1.84 [1.36-2.50]**	**0.22 [0.09-0.54]**
Estimated glomerular filtration rate (e-GFR) test	1.00 [0.99-1.00]	**1.01 [1.00-1.01]**	**0.99 [0.99-1.00]**	**1.01 [1.01-1.02]**
Blood urea nitrogen (mg/dL)	**1.03 [1.01-1.05]**	1.01 [0.99-1.03]	**1.04 [1.03-1.06]**	1.02 [1.00-1.04]
Systolic blood pressure (mmHg)	**1.01 [1.01-1.02]**	**1.03 [1.03-1.04]**	**1.01 [1.01-1.02]**	**1.02 [1.02-1.03]**
Diastolic blood pressure (mmHg)	1.00 [0.99-1.01]	**1.05 [1.04-1.06]**	**0.99 [0.99-1.00]**	**1.04 [1.03-1.05]**
Fasting blood glucose (mg/dL)	**1.29 [1.25-1.32]**	**1.29 [1.26-1.33]**	**1.32 [1.28-1.36]**	**1.32 [1.29-1.36]**
Triglyceride concentration (mg/dL)	**1.00 [1.00-1.00]**	**1.00 [1.00-1.00]**	**1.01 [1.00-1.01]**	**1.01 [1.01-1.01]**

OR with 95% CI written in bold style indicates that p-value is less than 0.05

Supplement table 3. Age and sex subgroup analysis results for the impact of baseline risk factors on people with UDM using multinomial logistic regression model with the with DM group as reference

Variables	Age <40[a]	Age ≥40 [a]	Male[b]	Female[b]
	OR [95% CI]	**OR [95% CI]**	**OR [95% CI]**	**OR [95% CI]**
Demographic characteristics				
Educational attainment				
High school or less	*Reference*	*Reference*	*Reference*	*Reference*
Higher than high school	**2.10 [1.16-3.79]**	1.02 [0.80-1.29]	1.13 [0.86-1.47]	1.07 [0.73-1.57]
Marital status				
Not married	*Reference*	*Reference*	*Reference*	*Reference*
Married	0.79 [0.40-1.54]	1.03 [0.63-1.69]	1.07 [0.67-1.69]	0.97 [0.47-2.04]
Employment status				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	1.11 [0.52-2.37]	1.09 [0.89-1.34]	1.15 [0.88-1.50]	1.08 [0.82-1.41]
Income level				
Low	*Reference*	*Reference*	*Reference*	*Reference*
Middle-low	1.13 [0.52-2.49]	0.87 [0.69-1.10]	0.99 [0.73-1.33]	0.76 [0.54-1.06]
Middle	0.75 [0.32-1.73]	0.93 [0.74-1.16]	0.90 [0.66-1.23]	0.91 [0.66-1.26]
High	2.17 [0.88-5.33]	0.85 [0.67-1.09]	0.91 [0.68-1.24]	0.99 [0.71-1.40]
Health status				
Family history of diabetes				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	0.68 [0.39-1.16]	**0.51 [0.41-0.64]**	**0.54 [0.41-0.71]**	**0.53 [0.39-0.72]**
Hypertension status				

Normal	*Reference*	*Reference*	*Reference*	*Reference*
At high risk	1.61 [0.79-3.25]	**1.66 [1.28-2.15]**	**1.73 [1.24-2.41]**	**1.55 [1.07-2.24]**
Hypertension	1.27 [0.61-2.64]	1.34 [1.06-1.68]	**1.52 [1.13-2.04]**	1.06 [0.75-1.49]
Obesity				
Underweight	0.42 [0.02-7.76]	1.09 [0.43-2.75]	1.64 [0.52-5.17]	0.44 [0.10-2.03]
Normal	*Reference*	*Reference*	*Reference*	*Reference*
Overweight	1.77 [0.66-4.75]	1.18 [0.91-1.52]	1.13 [0.82-1.56]	1.45 [0.95-2.21]
Obesity	**3.11 [1.29-7.48]**	**1.57 [1.26-1.95]**	**1.46 [1.09-1.94]**	**2.13 [1.51-3.00]**
BMI (kg/m2)	**1.11 [1.04-1.18]**	**1.05 [1.02-1.07]**	**1.05 [1.01-1.08]**	**1.07 [1.03-1.11]**
Waist circumference (cm)	**1.05 [1.02-1.08]**	**1.01 [1.00-1.02]**	**1.01 [1.00-1.02]**	**1.02 [1.01-1.04]**
Self-reported health status				
Very bad	**0.10 [0.01-0.93]**	**0.38 [0.25-0.57]**	**0.29 [0.14-0.59]**	**0.41 [0.25-0.67]**
Bad	**0.38 [0.19-0.77]**	**0.55 [0.43-0.69]**	**0.57 [0.42-0.78]**	**0.46 [0.33-0.63]**
Normal				
Good	1.67 [0.65-4.28]	**1.45 [1.15-1.83]**	**1.41 [1.06-1.89]**	**1.57 [1.08-2.28]**
Very good	0.31 [0.02-3.76]	**2.50 [1.53-4.08]**	**2.68 [1.52-4.73]**	**1.71 [0.71-4.13]**
EuroQol-5D (EQ-5D) index score	**156.39 [2.06-11,887.51]**	**2.64 [1.20-5.84]**	2.16 [0.60-7.85]	**4.45 [1.78-11.17]**
Health determinant				
Current smoking status				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	0.80 [0.41-1.56]	1.08 [0.87-1.34]	1.04 [0.83-1.31]	1.19 [0.71-2.00]
Heavy alcohol consumption				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	0.83 [0.40-1.73]	1.25 [0.95-1.64]	1.19 [0.91-1.56]	1.28 [0.62-2.68]
Walking				
No	*Reference*	*Reference*	*Reference*	*Reference*

Yes	0.70 [0.29-1.67]	0.81 [0.62-1.05]	**0.68 [0.47-0.98]**	0.99 [0.68-1.42]
Muscle training				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	0.91 [0.40-2.04]	0.86 [0.69-1.07]	0.84 [0.66-1.07]	0.88 [0.58-1.34]
Healthcare accessibility				
Undergone the national health screening				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	0.96 [0.53-1.73]	**0.71 [0.59-0.86]**	**0.75 [0.59-0.96]**	**0.73 [0.56-0.94]**
Undergone cancer screening test				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	1.08 [0.52-2.24]	**0.69 [0.58-0.82]**	**0.70 [0.56-0.88]**	**0.73 [0.56-0.94]**
Outpatient visit				
No	*Reference*	*Reference*	*Reference*	*Reference*
Yes	0.30 [0.08-1.15]	**0.67 [0.48-0.93]**	0.79 [0.53-1.19]	**0.45 [0.28-0.74]**
Laboratory test				
Total cholesterol (mg/dL)	**1.02 [1.01-1.03]**	**1.02 [1.01-1.02]**	**1.02 [1.01-1.02]**	**1.02 [1.01-1.02]**
High-density lipoprotein (mg/dL)	**0.96 [0.94-0.99]**	**1.01 [1.00-1.02]**	1.01 [1.00-1.02]	1.00 [0.99-1.01]
Blood creatinine (mg/dL)	0.40 [0.05-3.27]	**0.41 [0.28-0.60]**	**0.50 [0.32-0.79]**	**0.23 [0.11-0.46]**
Estimated glomerular filtration rate (e-GFR) test	1.01 [0.99-1.02]	**1.01 [1.00-1.01]**	**1.01 [1.00-1.01]**	**1.01 [1.00-1.01]**
Blood urea nitrogen (mg/dL)	0.98 [0.90-1.06]	**0.97 [0.96-0.99]**	**0.98 [0.96-1.00]**	**0.97 [0.95-0.99]**
Systolic blood pressure (mmHg)	**1.03 [1.00-1.06]**	**1.01 [1.01-1.02]**	**1.02 [1.01-1.03]**	**1.01 [1.00-1.02]**
Diastolic blood pressure (mmHg)	1.02 [0.99-1.05]	**1.04 [1.03-1.05]**	**1.04 [1.03-1.05]**	**1.04 [1.02-1.05]**
Fasting blood glucose (mg/dL)	**1.01 [1.00-1.01]**	**1.01 [1.00-1.01]**	**1.01 [1.00-1.01]**	**1.01 [1.00-1.01]**
Triglyceride concentration (mg/dL)	1.00 [1.00-1.01]	**1.00 [1.00-1.00]**	**1.00 [1.00-1.00]**	**1.00 [1.00-1.00]**

[a] Age- and sex-adjusted logistic regression model was used; [b] Age-adjusted logistic regression model was used; OR with 95% CI written in bold style indicates that p-value is less than 0.05

Supplementary Table 4. Results of the multivariable analysis investigating the association between the baseline risk factors and UDM status using a logistic regression model. The DM group was used as the reference.

Variables	Full model [a,c]	Reduced model [b,c]
	AOR [95% CI]	AOR [95% CI]
Age		
20-29	*Reference*	*Reference*
30-39	0.63 [0.26-1.55]	0.79 [0.34-1.83]
40-49	**0.41 [0.17-0.95]**	0.52 [0.24-1.16]
50-59	**0.23 [0.10-0.54]**	**0.24 [0.11-0.53]**
60-69	**0.16 [0.07-0.38]**	**0.13 [0.06-0.30]**
70≥	**0.14 [0.06-0.34]**	**0.09 [0.04-0.21]**
Sex		
Female	*Reference*	*Reference*
Male	**1.33 [1.08-1.63]**	**1.27 [1.07-1.51]**
Educational attainment		
High school or less	*Reference*	
Higher than high school	1.07 [0.84-1.38]	
Marital status		
Not married	*Reference*	
Married	1.17 [0.73-1.87]	
Family history of diabetes		
No	*Reference*	*Reference*
Yes	**0.51 [0.41-0.64]**	**0.53 [0.43-0.66]**
Hypertension status		
Normal	*Reference*	*Reference*
At high risk	0.95 [0.71-1.27]	**1.53 [1.18-1.97]**
Hypertension	**0.72 [0.54-0.97]**	1.10 [0.87-1.38]
Obesity		
Underweight	0.88 [0.40-1.96]	0.93 [0.38-2.27]
Normal	*Reference*	*Reference*
Overweight	1.17 [0.89-1.54]	1.23 [0.95-1.60]
Obese	**1.51 [1.19-1.91]**	**1.71 [1.36-2.15]**
Current smoking status		
No	*Reference*	
Yes	1.07 [0.85-1.35]	
Heavy alcohol consumption		
No	*Reference*	
Yes	1.07 [0.79-1.46]	
Walking		
No	*Reference*	
Yes	0.83 [0.63-1.1]	
Undergone national health screening		

No	*Reference*	
Yes	1.00 [0.75-1.33]	
Undergone cancer screening test		
No	*Reference*	*Reference*
Yes	0.81 [0.62-1.06]	**0.75 [0.63-0.89]**
Total cholesterol (mg/dL)	**1.02 [1.01-1.02]**	
Systolic blood pressure (mmHg)		
Diastolic blood pressure (mmHg)	**1.03 [1.02-1.05]**	
Fasting blood glucose (mg/dL)	**1.00 [1.00-1.01]**	
Triglyceride concentration (mg/dL)	1.00 [1.00-1.00]	

[a] A multivariable logistic regression model was used for the analysis. Variables that significantly explained the difference of ORs between UDM and DM on univariate analysis were included in the model; [b] Variables that significantly explained the difference in AORs between UDM and DM were retained from the full model. Model reduction was performed using backward stepwise elimination based on the magnitude of the p-value of each variable. Variables for laboratory test results were excluded at the initial step of reducing the model; [c] OR with 95% CIs in bold style indicate a p-value <.05

DM, diabetes mellitus; CI, confidence interval; OR, odds ratio; UDM, undefined diabetes mellitus