

Table 2 Univariate logistic regression analysis for association between selected risk factors and having had DM

Parameter	DM yes (+)		Univariate logistic regression	
	n	N (%)	OR (95% CI)	P value
Age	990	105 (10.6)	1.04 (1.02–1.06)	< 0.001
BMI	990	105 (10.6)	1.05 (1.01–1.10)	0.018
Gender				
Female	496	48 (9.67)	1	0.230
Male	494	57 (11.54)	0.77 (0.51–1.18)	
Residence				
Urban	593	75 (12.65)	2.21 (1.40–3.47)	0.001
Rural ^a	397	30 (7.56)	1	
Uncontrolled HTN				
Yes	98	18 (18.4)	1.29 (0.74–2.25)	0.376
No ^a	585	87 (14.9)	1	
Raised TC >200 mg/dl				
Yes	205	36 (17.56)	1.37 (0.87–2.13)	0.169
No ^a	476	64 (13.44)	1	
Positive family history of T2DM				
Yes	160	34 (21.25)	2.67 (1.67–4.26)	< 0.001
No ^a	830	71 (8.55)	1	
Controlled HTN				
Yes	150	30 (20.0)	1.94 (1.20–3.11)	0.006
No ^a	840	75 (8.93)	1	
Current smoking				
Yes	160	22 (13.75)	1.60 (0.95–2.72)	0.076
No ^a	830	83 (10.0)	1	

^aReference category.

BMI = body mass index; CI = confidence interval; T2DM = Type 2 diabetes mellitus; HTN = hypertension; OR = odds ratio; TC = total cholesterol.