

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			1.04 1.06)	(1.02– < 0.001
BMI	990	105 (10.6)	1.05 1.10)	(1.01– 0.018
Gender				
Female	49 6	48 (9.67)	1	0.230
Male	49 4	57 (11.54)	0.77 1.18)	(0.51–
Residence				
Urban	59 3	75 (12.65)	2.21 3.47)	(1.40– 0.001
Rural ^a	39 7	30 (7.56)	1	
Uncontrolled				
HTN				
Yes	98	18 (18.4)	1.29 2.25)	(0.74– 0.376
No ^a	58 5	87 (14.9)	1	
Raised TC				
>200 mg/dl				
Yes	20 5	36 (17.56)	1.37 2.13)	(0.87– 0.169
No ^a	47 6	64 (13.44)	1	

Positive				
family history				
of DM				
Yes	16	34 (21.25)	2.67	(1.67– < 0.001
	0		4.26)	
No ^a	83	71 (8.55)	1	
	0			
Controlled				
HTN				
Yes	15	30 (20.0)	1.94	(1.20– 0.006
	0		3.11)	
No ^a	84	75 (8.93)	1	
	0			
Current				
smoking				
Yes	16	22 (13.75)	1.60	(0.95– 0.076
	0		2.72)	
No ^a	83	83 (10.0)	1	
	0			

^aReference category.

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