

Table1

	All participants (n = 1973)	Quartile Glycemia1 (n = 482)	Quartile Glycemia2 (n = 500)	Quartile Glycemia3 (n = 496)	Quartile Glycemia4 (n = 495)	p	statistic
sex, n (%)						0.004	13.241
Female	632 (32.0)	135 (28)	144 (28.8)	168 (33.9)	185 (37.4)		
Male	1341 (68.0)	347 (72)	356 (71.2)	328 (66.1)	310 (62.6)		
age	59.9 ±	58.7 ±	59.7 ±	60.6 ±	60.8 ±	0.013	3.592
Mean ± SD	11.1	12.1	11.0	10.9	10.2		
hypertensio n n (%)						0.001	16.082
No	975 (49.4)	264 (54.8)	261 (52.2)	238 (48)	212 (42.8)		
Yes	998 (50.6)	218 (45.2)	239 (47.8)	258 (52)	283 (57.2)		
DM, n (%)						<0.001	492.204
No	1553 (78.7)	448 (92.9)	466 (93.2)	422 (85.1)	217 (43.8)		
Yes	420 (21.3)	34 (7.1)	34 (6.8)	74 (14.9)	278 (56.2)		
smoking, n (%)						0.06	7.398
No	1322 (67.0)	312 (64.7)	319 (63.8)	340 (68.5)	351 (70.9)		
Yes	651 (33.0)	170 (35.3)	181 (36.2)	156 (31.5)	144 (29.1)		
SBP	104.5 ±	108.8 ±	102.5 ±	106.6 ±	100.1 ±	<	9.372
Mean ± SD	28.5	28.1	28.2	29.0	28.0	0.001	
DBP	77.3 ±	78.0 ±	76.0 ±	77.4 ±	78.0 ±	0.031	2.964
Mean ± SD	11.9	11.6	11.6	12.1	12.2		
heart.rate, Mean ± SD	72.1 ± 11.5	69.8 ± 10.8	71.1 ± 10.1	73.0 ± 11.6	74.4 ± 12.9	< 0.001	15.778
Cr	72.0 ±	73.3 ±	72.3 ±	73.0 ±	69.2 ±	0.133	1.867
Mean ± SD	30.2	25.5	20.5	40.1	31.1		
UA	304.2 ±	306.4 ±	308.0 ±	310.4 ±	291.9 ±	0.007	4.034
Mean ± SD	92.5	87.0	84.3	100.5	96.3		
BIL	9.8 ± 7.6	9.4 ±	9.5 ±	10.4 ±	10.0 ±	0.160	1.723
Mean ± SD		4.6	5.2	12.3	5.7		
TC	4.3 ± 1.1	4.1 ±	4.2 ±	4.3 ±	4.4 ±	<	9.736
Mean ± SD		1.0	1.0	1.1	1.1	0.001	
TG	1.9 ± 1.4	1.6 ±	1.8 ±	2.1 ±	2.2 ±	<	14.313
Mean ± SD		0.8	1.2	1.9	1.4	0.001	
HDL,C	1.1 ± 0.3	1.1 ±	1.1 ±	1.1 ±	1.0 ±	0.215	1.493
Mean ± SD		0.3	0.3	0.3	0.3		

LDL.C	2.7 ± 0.9	2.5 ±	2.7 ±	2.7 ±	2.8 ±	<	6.921
Mean ±		0.9	0.9	0.9	1.0	0.001	
SD							
multi-vessel						0.003	13.998
lesion							
n (%)							
No	1499 (76.0)	392 (81.3)	379 (75.8)	376 (75.8)	352 (71.1)		
Yes	474 (24.0)	90 (18.7)	121 (24.2)	120 (24.2)	143 (28.9)		

Data are shown as mean ± standard deviation (SD) or median (IQR) for continuous variables and proportions (%) for categorical variables

Sex,age,hypertension,DM,smoking,SBP,DBP,heart.rate,Cr,UA,BIL,TC,HDL,C,LDL.C,multi-vessel lesion

P values in bold are < 0.05

Table2

	OR(95%CI)	P_value
Sex=female	0.94 (0.75~1.17)	0.56
Age	1.03 (1.02~1.04)	<0.001
Hypertension	1.31 (1.06~1.61)	0.011
DM	1.85 (1.46~2.34)	<0.001
Smoking	0.97 (0.78~1.21)	0.788
SBP	1 (1~1.01)	0.317
DBP	1.01 (1~1.02)	0.012
Heart.rate	1.01 (1~1.02)	0.13
Glycemia	1.04 (1.01~1.08)	0.02
Cr	1 (1~1)	0.358
UA	1 (1~1)	0.023
BIL	1.01 (0.99~1.02)	0.394
TC	1.02 (0.93~1.12)	0.693
TG	1.09 (1.01~1.17)	0.018
HDL.C	1.06 (0.76~1.46)	0.746
LDL.C	1.02 (0.91~1.14)	0.713

OR, odds ratio; CI, confidence interval; SD, standard deviation

Abbreviations as in Table 1

P values in bold are < 0.05

Table3

Variable	Model1	Model2	Model3	Model4
n.total	1973	1973	1973	1973
n.event_%	474 (24)	474 (24)	474 (24)	474 (24)
crude.OR(95%CI)	1.04 (1.01~1.08)	1.04 (1.01~1.08)	1.04 (1.01~1.08)	1.04 (1.01~1.08)
crude.P_value	0.02	0.02	0.02	0.02
adj.OR(95%CI)		1.04 (1~1.07)	1.04 (1~1.07)	1.04 (1~1.07)
adj.P_value		0.024	0.025	0.039

Model1: no adjusted

Model2: Adj: Model1+Sex+age

Model3: Adj: Model2+smoking+hypertension

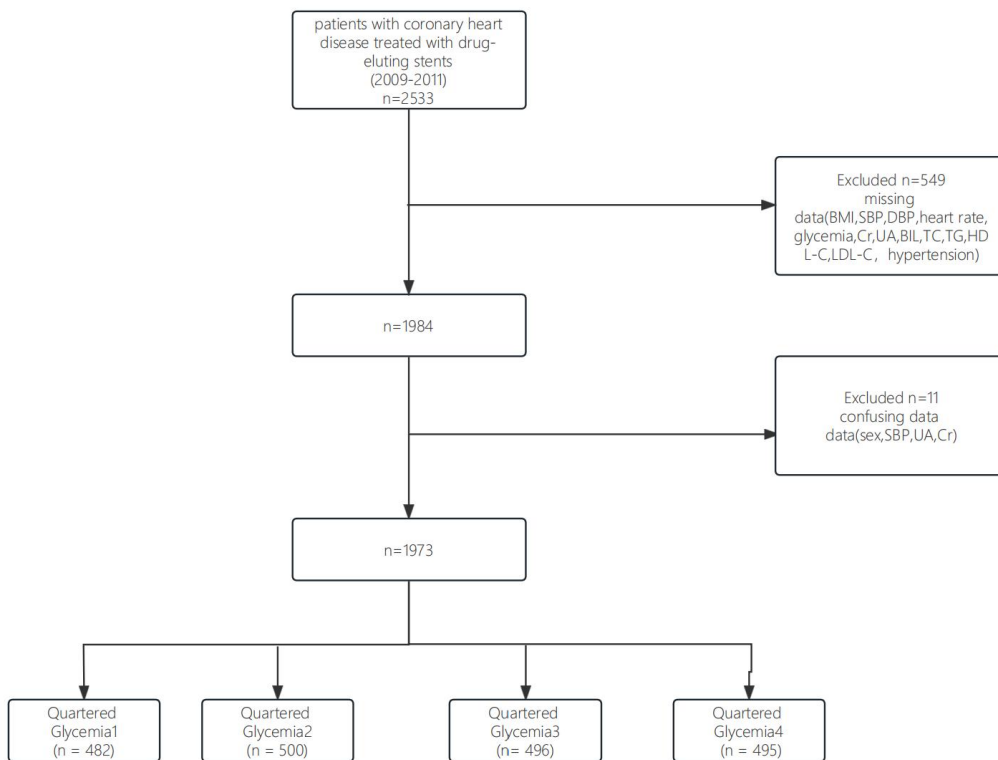
Model4: Adj: Model3+DBP+HR+UA+TG

Table4

Subgroup	n.total	n.event_%	crude.OR_95CI	crude.P_value	P.for.interaction_1	P.for.interaction_2
Sex						
Female	632.0	157 (24.8)	1.02 (0.96~1.09)	0.477	0.581	0.585
Male	1341.0	317 (23.6)	1.05 (1~1.09)	0.031		
Age						
Age<45	199.0	33 (16.6)	0.98 (0.87~1.1)	0.688	0.105	0.208
Age≥45	1774.0	441 (24.9)	1.06 (1.02~1.1)	0.008		
Smoking						
No	1322.0	320 (24.2)	1.03 (1~1.07)	0.085	0.258	0.253
Yes	651.0	154 (23.7)	1.08 (1~1.17)	0.038		

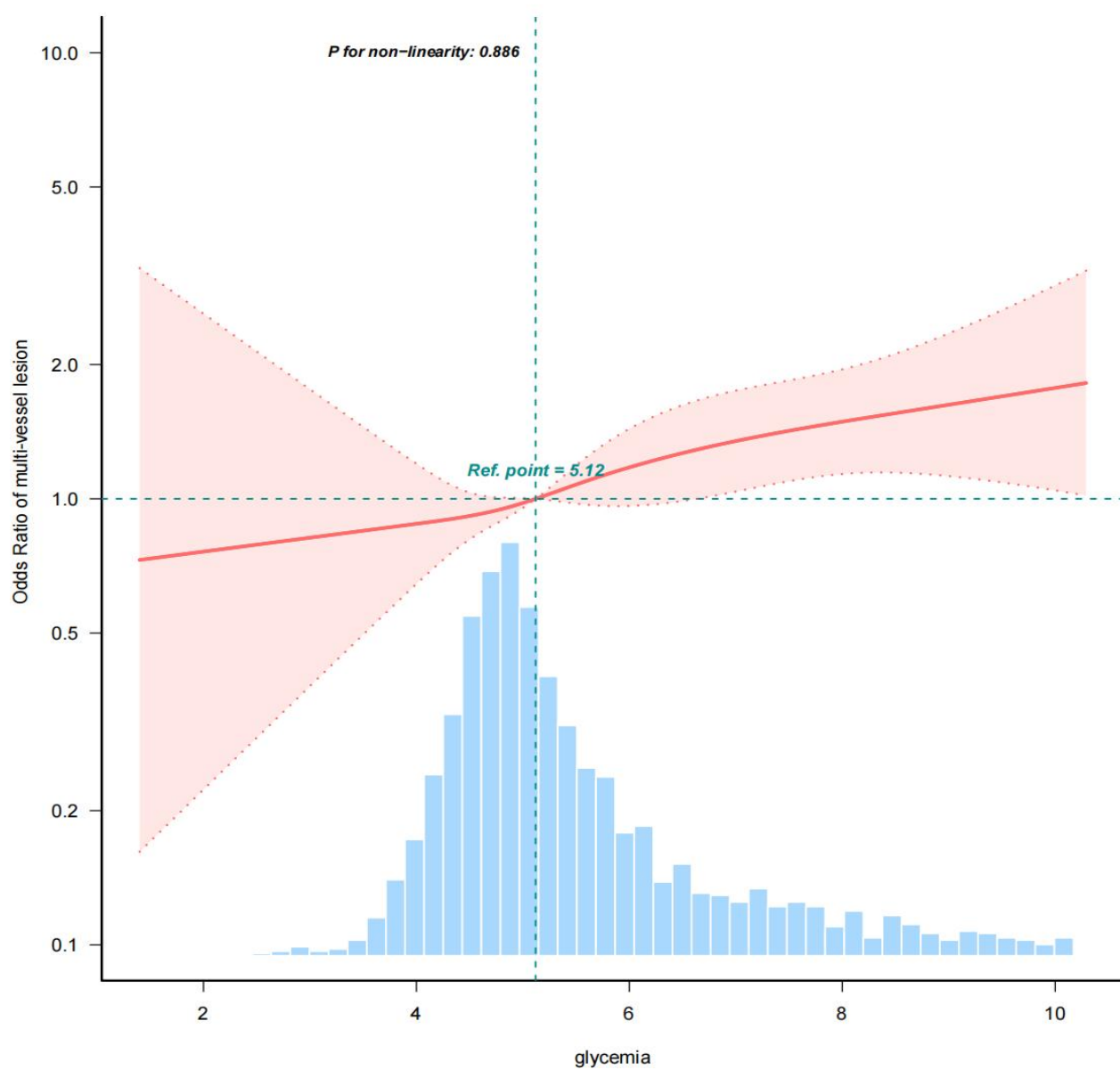
OR, odds ratio; CI, confidence interval; SD, standard deviation; Other abbreviations as in Table 1

Fig 1



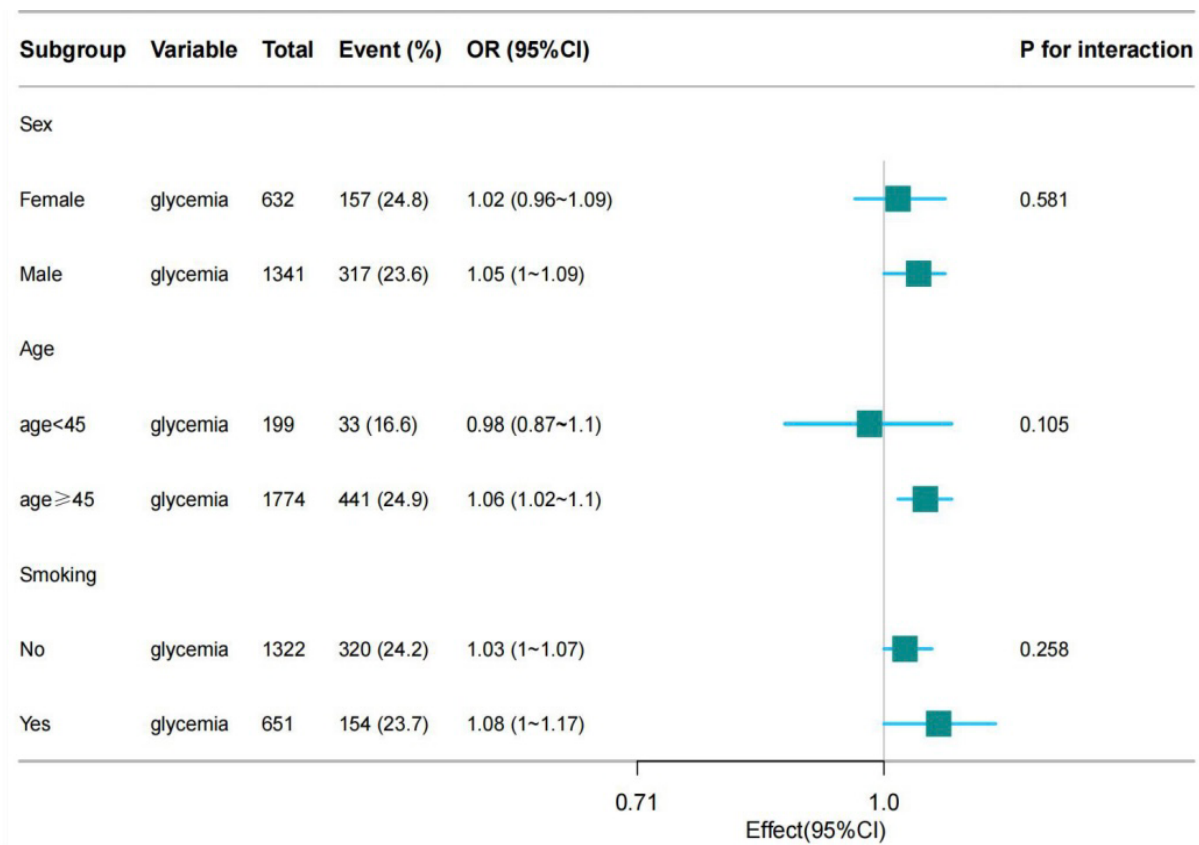
Flowchart of participant selection

Fig 2



a linear relationship between glycemia and multi-vessel lesion

Fig 3



Stratification analysis on the association between glycemia and multi-vessel lesion