

Table 4. Factors associated with mediators and cardiovascular events outcome: multivariate GSEMs

Model	Factors	OR	SE	Z	P-value	95% CI
T2DM	BMI \geq 23	1.685	0.165	5.33	<0.001	1.391, 2.041
	Age \geq 60	1.811	0.258	4.17	<0.001	1.370, 2.395
	Male	1.343	0.169	2.33	0.020	1.048, 1.719
	Ex or Current smoke	1.342	0.127	3.10	0.002	1.114, 1.616
	Triglyceride	1.002	0.0003	7.40	<0.001	1.002, 1.003
HT	BMI \geq 23	1.759	0.101	9.86	<0.001	1.572, 1.968
	T2DM	2.484	0.219	10.34	<0.001	2.090, 2.951
	Age \geq 60	1.718	0.171	5.45	<0.001	1.414, 2.088
	Male	1.813	0.132	8.15	<0.001	1.571, 2.092
	Ex or Current drinker	1.154	0.066	2.53	0.011	1.033, 1.290
	Triglyceride	1.002	0.0002	8.18	<0.001	1.001, 1.002
CKD	BMI \geq 23	1.091	0.084	1.13	0.257	0.938, 1.269
	T2DM	1.106	0.140	0.79	0.427	0.863, 1.418
	HT	1.588	0.122	6.00	<0.001	1.365, 1.847
	Age \geq 60	4.558	0.479	14.42	<0.001	3.709, 5.601
	Ex or Current smoke	1.343	0.106	3.74	<0.001	1.151, 1.568
	Ex or Current drinker	0.589	0.047	-6.69	<0.001	0.505, 0.688
	LDL cholesterol	1.004	0.001	3.94	<0.001	1.002, 1.005
CVEs	BMI \geq 23	1.336	0.132	2.94	0.003	1.101, 1.621
	T2DM	2.512	0.296	7.83	<0.001	1.995, 3.164
	HT	2.217	0.198	8.91	<0.001	1.860, 2.641
	CKD	2.010	0.219	6.41	<0.001	1.624, 2.488
	Age \geq 60	2.787	0.354	8.06	<0.001	2.172, 3.576
	Male	1.895	0.273	4.43	<0.001	1.428, 2.514
	Ex or Current smoke	1.424	0.140	3.59	<0.001	1.174, 1.728
	Ex or Current drinker	0.678	0.065	-4.05	<0.001	0.562, 0.818
	HDL cholesterol	0.992	0.004	-2.08	0.038	0.984, 1.000

BMI: body mass index, CKD: chronic kidney disease, CVEs: cardiovascular events, HDL: high-density lipoprotein, HT: hypertension, LDL: low-density lipoprotein, OR: odds ratio, SE: standard error, T2DM: diabetes mellitus