

Table 3 Univariate and multivariate analyses for redox-IDX-apoE in the serum with apoE3/E3

objective variable	explanatory variable	Univariate analysis					Multivariate analysis				
		B	SE	β	t	p	B	SE	β	t	p
roxi/total	HDL-C (mg/dL)	0.0013	0.0004	0.236	3.5693	<0.001			NS		
	non-HDL-C (mg/dL)	-0.0008	0.0002	-0.2749	-4.2028	<0.001			†		
	TG (mg/dL)	-0.0005	0.0001	-0.4832	-8.0926	<0.001	-0.0005	0.0001	-0.4649	-7.7552	<0.001
	TG/HDL-C	0.0499	0.0050	0.5619	10.0053	<0.001			†		
	HbA1c (%)	-0.0181	0.0063	-0.1915	-2.8668	<0.005	-0.0116	0.0057	-0.1222	-2.0381	<0.05
red/roxi	HDL-C (mg/dL)	-0.0047	0.0011	-0.2766	-4.2295	<0.001			NS		
	non-HDL-C (mg/dL)	0.0021	0.0006	0.2470	3.7455	<0.001			†		
	TG (mg/dL)	0.0017	0.0002	0.5421	9.4584	<0.001	0.0014	0.0002	0.472	7.4124	<0.001
	TG/HDL-C	0.0824	0.0053	0.7254	15.5221	<0.001			†		
	HbA1c (%)	0.0534	0.0196	0.1825	2.7287	<0.01	0.0292	0.107	0.0944	0.0994	<0.05
[red + oxi]/roxi	HDL-C (mg/dL)	-0.0077	0.0020	-0.2563	-3.8972	<0.001			NS		
	non-HDL-C (mg/dL)	0.0036	0.001	0.2374	3.5919	<0.001			†		
	TG (mg/dL)	0.0028	0.0003	0.5152	8.8141	<0.001	0.0027	0.0003	0.4991	8.4886	<0.001
	TG/HDL-C	0.1089	0.0111	0.7181	15.2018	<0.001			†		
	HbA1c (%)	0.0949	0.0347	0.1829	2.7341	<0.01	0.0560	0.0305	0.1078	1.8329	<0.05

† Non-HDL-C and TG/HDL-C were excluded from the objective variables of multivariate analysis since they showed a linear combination with HDL-C and TG levels.

NS, not significant.