

Table 2. Impact of clinical variables on event risk.

Variable	Impact coefficient
Age	0.0040502744
BMI	0.0072390223
Diabetics	0.0066197353
Smoke	0.0131524709
Previous_infarction	0.0814036518
Previous_PTCA	0.0006076540
Previous_CABG	0.1324897847
Vascular disease	0.0563306224
Previous_stroke	0.4619209711
Previous_TIA	0.0456872396
Cancer	0.0300703973
EUROSCORE II	0.1120751035
Hypertension	0.0672182412
Number of bypasses	0.0264609981
Chol_First_control_0	0.0014086978
Chol_3_months	0.0003944460
Chol_Last_Control	0.0001661643
LDLC_First_control_0	0.0014562843
LDLC_3_months	0.0005380014
LDLC_Last_Control	0.0015931742

HDLC_First_control_0	0.0045593010
HDLC_3_months	0.0035853646
HDLC_Last_Control	0.0072897141
Tryg_First_control_0	0.0005259851
Tryg_3_months	0.0004993233
Tryg_Last_Control	0.0008237059
ALT_First_control_0	0.0042528122
ALT_3_months	0.0053184538
ALT_Last_Control	0.0015605045
Group Control	0.0613137202
Gender	0.1041491524

The table presents the impact coefficients of various preoperative and follow-up clinical variables, including demographics, comorbidities, and lipid levels, on the risk of adverse events. (**BMI**: Body Mass Index; **PTCA**: Percutaneous Transluminal Coronary Angioplasty; **CABG**: Coronary Artery Bypass Grafting; **Peripheral_vasc**: Peripheral vascular disease; **TIA**: Transient Ischemic Attack; **Chol_First_control_0 / Chol_3_months / Chol_Last_Control**: Total cholesterol at baseline / after 3 months / at last follow-up; **LDLC_First_control_0 / LDLC_3_months / LDLC_Last_Control**: LDL cholesterol at the same time points; **HDLC_First_control_0 / HDLC_3_months / HDLC_Last_Control**: HDL cholesterol at the same time points; **Tryg_First_control_0 / Tryg_3_months / Tryg_Last_Control**: Triglycerides at baseline / after 3 months / at last follow-up; **ALT_First_control_0 / ALT_3_months / ALT_Last_Control**: Alanine aminotransferase at each time point.)