Table S2. Logistic regression of LDL-C/ApoB predicting in-hospital death in ACS patients. \*P<0.05; \*\*P<0.01; \*\*\*P<0.001. Systolic blood pressure (SBP), Creatinine (Cr), Alanine aminotransferase (ALT), Lactate dehydrogenase (LDH), Aspartate aminotransferase (AST), Albumin (ALB), Glucose (GLU), Uric acid (UA), Prothrombin time (PT), Left ventricular ejected fraction (LVEF).

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Parameters | Univariate logistic regression | | Variate logistic regression | | | | |
| HR | 95%CI | | P value | HR | 95%CI | P value |
| Sex (Female) | 1.762 | 1.317-2.359 | | <0.001\*\*\* | 1.838 | 1.320-2.560 | <0.001\*\*\* |
| Age (years) | 1.086 | 1.070-1.102 | | <0.001\*\*\* | 1.068 | 1.050-1.086 | <0.001\*\*\* |
| SBP (<90mmHg ) |  |  | |  |  |  |  |
| 90-140mmHg | 0.122 | 0.068-0.219 | | <0.001\*\*\* | 0.242 | 0.120-0.486 | <0.001\*\*\* |
| ≥140mmHg | 0.078 | 0.041-0.149 | | <0.001\*\*\* | 0.134 | 0.063-0.286 | <0.001\*\*\* |
| ALB (<40g/L) |  |  | |  |  |  |  |
| ≥40g/L | 0.236 | 0.149-0.373 | | <0.001\*\*\* | 0.563 | 0.346-0.914 | 0.020\* |
| Cr (≤81μmol/L ) |  |  | |  |  |  |  |
| >81μmol/L | 6.122 | 4.056-9.240 | | <0.001\*\*\* | 3.602 | 2.318-5.596 | <0.001\*\*\* |
| ALT (U/L) | 1.001 | 1.000-1.002 | | 0.001\*\* | - | - | - |
| LDH (U/L) | 1.000 | 1.000-1.001 | | <0.001\*\*\* | 1.000 | 1.000-1.000 | 0.008\*\* |
| AST (U/L) | 1.000 | 1.000-1.001 | | 0.083 | - | - | - |
| Glu (mmol/L) | 1.077 | 1.051-1.104 | | <0.001\*\*\* | 1.054 | 1.025-1.083 | <0.001\*\*\* |
| UA (μmol/L) | 1.003 | 1.002-1.004 | | <0.001\*\*\* | - | - | - |
| PT (s) | 1.023 | 1.010-1.037 | | 0.001\*\* | - | - | - |
| LDL-C/ApoB | 0.629 | 0.434-0.912 | | 0.014\* | - | - | - |
| LVEF | 0.005 | 0.002-0.014 | | <0.001\*\*\* | 0.038 | 0.010-0.145 | <0.001\*\*\* |
| Cardiac arrest | 0.000 | 0.000-0.000 | | 0.974 | - | - | - |
| Killip (≥II) | 2.645 | 1.955-3.579 | | <0.001\*\*\* | - | - | - |
| PCI treatment | 1.351 | 0.898-2.034 | | 0.149 | - | - | - |
| Antidiabetic drugs | 1.106 | 0.786-1.556 | | 0.564 | - | - | - |
| Antihypertensive drugs | 0.541 | 0.402-0.727 | | <0.001\*\*\* | - | - | - |
| Antiplatelet drugs | 0.424 | 0.228-0.790 | | 0.007\*\* | 0.454 | 0.228-0.904 | 0.025\* |
| β-blocker drugs | 0.610 | 0.441-0.844 | | 0.003\*\* | - | - | - |
| Statins | 0.665 | 0.384-1.152 | | 0.146 | - | - | - |
| Nitrates | 0.804 | 0.582-1.113 | | 0.189 | - | - | - |