|  |
| --- |
|  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |
| **Supplemental Table 1** Univariate and multivariate COX regression analyses for predicting MACEs |
| **Variable** | **Univariate analysis** | **Multivariate analysis** |
|  | **HR (95%CI)** | ***P* value** | **HR (95%CI)** | ***P* value** |
| Age (per 10-year increase) | 1.52 (1.25-1.85) | <0.001 | 1.36 (1.05-1.68) | 0.017 |
| Male | 1.32 (0.82-2.12) | 0.253 |  |  |
| BMI | 0.95 (0.89-1.02) | 0.135 |  |  |
| Hypertension | 1.04 (0.68-1.59) | 0.853 |  |  |
| Diabetes mellitus | 0.84 (0.52-1.35) | 0.462 |  |  |
| Dyslipidemia | 1.08 (0.70-1.67) | 0.721 |  |  |
| Smoking | 1.08 (0.72-1.62) | 0.720 |  |  |
| Drinking | 0.83 (0.47-1.46) | 0.514 |  |  |
| Previous PCI | 1.32 (0.58-3.01) | 0.513 |  |  |
| Laboratory parameters |  |  |  |  |
| Leukocyte | 1.11 (1.06-1.18) | <0.001 |  |  |
| Neutrophil | 1.14 (1.08-1.20) | <0.001 |  |  |
| Lymphocyte | 0.54 (0.38-0.76) | 0.001 |  |  |
| NLR | 1.14 (1.09-1.18) | <0.001 | 1.11 (1.05-1.17) | <0.001 |
| D-dimer (per 0.1µg/mL increase) | 1.02 (1.01-1.03) | <0.001 | 1.01 (1.00-1.03) | 0.005 |
| Total cholesterol | 1.03 (0.88-1.21) | 0.707 |  |  |
| Triglycerides | 0.91 (0.73-1.15) | 0.441 |  |  |
| LDL-C | 1.06 (0.86-1.30) | 0.599 |  |  |
| HDL-C | 0.53 (0.23-1.24) | 0.145 | 0.49 (0.14-0.85) | 0.021 |
| eGFR (per 10ml/min/1.73 m2 increase) | 0.83 (0.74-0.94) | 0.003 |  |  |
| Log peak cTnT | 1.51 (1.29-1.78) | <0.001 |  |  |
| Ejection fraction (per 10% increase) | 0.51 (0.42-0.63) | <0.001 | 0.66 (0.50-0.82) | <0.001 |
| Medical treatment |  |  |  |  |
| Antiplatelet | 0.32 (0.05-2.33) | 0.263 |  |  |
| Antihypertensive | 0.95 (0.57-1.61) | 0.860 |  |  |
| Lipid-lowering medications | 0.63 (0.16-2.56) | 0.519 |  |  |
| Procedural data |  |  |  |  |
| Three-vessel or left main disease | 1.67 (1.12-2.49) | 0.012 |  |  |
| Number of implanted stents | 1.09 (0.92-1.30) | 0.334 |  |  |
| Total stent length | 1.00 (1.00-1.01) | 0.241 |  |  |
| Total stent diameter | 1.02 (0.96-1.09) | 0.484 |  |  |
| BMI, body mass index; PCI, percutaneous coronary intervention; NLR, neutrophil to lymphocyte ratio; LDL-C, low-density lipoprotein cholesterol; HDL-C, high-density lipoprotein cholesterol; eGFR, estimated glomerular filtration rate; cTnT, cardiac troponin T. |