|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Univariable analysis for**  **30-day mortality** | | **Multivariable analysis for 30-day mortality** | | | | | |
|  |  | | | | | |
|  |  | | **Model 1** | | **Model 2** | | **Model 3** | |
|  | **HR (95% CI)** | **P-value** | **HR (95% CI)** | **P-value** | **HR (95% CI)** | **P-value** | **HR (95% CI)** | **P-value** |
| **Hs-cTnT (ng/L) Quartiles** |  | 0.58 |  | 0.70 |  | 0.78 |  | 0.93 |
| Quartile 1 (Reference group) | 1.0 |  | 1.0 |  | 1.0 |  | 1.0 |  |
| Quartile 2 | 1.56 (0.75 – 3.25) | 0.23 | 1.14 (0.54 – 2.41) | 0.72 | 0.87 (0.40 - 1.92) | 0.73 | 0.83 (0.37 - 1.87) | 0.65 |
| Quartile 3 | 1.20 (0.57 – 2.53) | 0.64 | 0.87 (0.40 – 1.88) | 0.72 | 0.68 (0.30 - 1.54) | 0.35 | 0.78 (0.32 - 1.85) | 0.57 |
| Quartile 4 | 1.04 (0.48 – 2.21) | 0.93 | 0.77 (0.35 – 1.68) | 0.51 | 0.74 (0.32 - 1.68) | 0.47 | 0.77 (0.33 - 1.78) | 0.54 |
| **Age (per 10 years)** |  |  | 1.50 (1.20 – 1.86) | < 0.001 | 1.50 (1.20 - 1.88) | < 0.001 | 1.53 (1.21 - 1.93) | < 0.001 |
| **Male gender** |  |  | 1.07 (0.51 – 2.22) | 0.87 | 1.84 (0.88 - 3.87) | 0.11 | 1.23 (0.57 - 2.66) | 0.61 |
| **Loge (creatinine (µmol/L))** |  |  | 1.68 (0.80 – 3.55) | 0.17 | 1.05 (0.45 - 2.44) | 0.92 | 0.86 (0.35 - 2.15) | 0.75 |
| **Witnessed OHCA** |  |  |  |  | 0.22 (0.12 - 0.42) | < 0.001 | 0.30 (0.15 - 0.56) | < 0.001 |
| **Bystander-initiated CPR** |  |  |  |  | 1.31 (0.68 - 2.52) | 0.42 | 1.27 (0.67 - 2.41) | 0.46 |
| **Ventricular fibrillation** |  |  |  |  | 0.10 (0.05 - 0.19) | < 0.001 | 0.07 (0.04 - 0.15) | < 0.001 |
| **Duration of resuscitation (per 10 min)** |  |  |  |  |  |  | 1.25 (1.14 - 1.38) | < 0.001 |

**Supplemental Table 1. Association between hs-cTnT quartiles and 30-day mortality, univariable and multivariable model.**

Model 1; multivariable model adjusting for age, gender and loge-creatinine. Model 2; multivariable model adjusting for age, gender, loge-creatinine, witnessed OHCA, bystander-initiated CPR and VF as first recorded heart rhythm. Model 3; multivariable model adjusting for age, gender, loge-creatinine, witnessed OHCA, bystander-initiated CPR, VF as first recorded heart rhythm and duration of resuscitation.

Abbreviations: OHCA, out-of-hospital cardiac arrest; CPR, cardiopulmonary resuscitation; VF, ventricular fibrillation; HR, hazard ratio; 95% CI, 95% confidence interval.