**Table S1.** The number and percentage of patients with missing data.

|  |  |  |
| --- | --- | --- |
| Variable | Number of patients with missing data (all patients n=634) | Percentage of patients with missing data |
| Sex | 2 | 0.3 |
| Age | 18 | 2.8 |
| Etiology | 12 | 1.9 |
| Location of OHCA | 2 | 0.3 |
| Witnessed event | 5 | 0.8 |
| Bystander CPR | 2 | 0.3 |
| Symptoms before OHCA | 0 | 0.0 |
| Dyspnoea  | 0 | 0.0 |
| Chest pain  | 0 | 0.0 |
| Weakness  | 0 | 0.0 |
| Previous myocardial infarction | 0 | 0.0 |
| Diabetes | 0 | 0.0 |
| Stroke | 0 | 0.0 |
| CABG/PCI | 0 | 0.0 |
| PM/ICD | 0 | 0.0 |
| Time from emergency call to EMS arrival | 4 | 0.6 |
| Initial shockable rythm | 0 | 0.0 |
| Defibrillation | 9 | 1.4 |
| Epinephrine use | 0 | 0.0 |
| Airway management | 73 | 11.5 |
| Venous access | 84 | 13.2 |
| ROSC | 7 | 1.1 |
| Survival to hospital admission | 0 | 0.0 |
| Survival to discharge | 54 | 8.5 |

**Table S2.** Factors associated with the sitting position of patients with OHCA on EMS arrival. Results of univariate analysis.

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **Odds Ratio** | **95% CI** | **P-value** |
| Sex (male) | 0.51 | 0.27- 0.97 | 0.04 |
| Age (per 1 year increase) | 1.03 | 1.00-1.05 | 0.02 |
| Place of OHCA (street/highway vs. other) | 1.96 | 0.56-6.81 | 0.29 |
| Traumatic OHCA | 2.67 | 0.75-9.53 | 0.13 |
| Witnessed event | 0.59 | 0.22-1.59 | 0.30 |
| Previous MI | 0.89 | 0.31-2.59 | 0.84 |
| Previous stroke | 0.55 | 0.07-4.12 | 0.56 |
| Previous ICD/PM | 3.89 | 1.50-10.11 | 0.01 |
| Chest pain before OHCA | 3.84 | 1.77-8.32 | 0.001 |
| Dyspnea before OHCA | 1.72 | 0.84-3.55 | 0.14 |
| Response time (per 1 minute increase) | 0.94 | 0.86-1.03 | 0.17 |
| Initial shockable rhythm | 1.18 | 0.59-2.37 | 0.64 |

Abbreviations: OHCA – out-of-hospital cardiac arrest; EMS – emergency medical service; MI – myocardial infarction; ICD – implantable cardioverter-defibrillator; PM – pacemaker.