Supplementary Table 3. Unmatched univariate analysis for mechanical cardiopulmonary resuscitation of unwitnessed arrest patients.

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| --- | --- | --- | --- |
| **UNMATCHED** | AUTOPULSEN=249 | LUCASN=54 | p-value\* |
| Age, year | 70.0 (57.0-78.0) | 70.0 (56.0-79.0) | 0.800 |
| Male | 166 (66.7 %) | 35 (64.8 %) | 0.919 |
| Place  |  |  | 1.000 |
|  Non-public | 197 (79.1 %) | 43 (79.6 %) |  |
| Public | 52 (20.9 %) | 11 (20.4 %) |  |
| Bystander CPR | 59 (23.7 %) | 23 (42.6 %) | 0.008 |
| Arrest cause |  |  | 0.738 |
|  Cardiac | 232 (93.2 %) | 49 (90.7 %) |  |
|  Non-cardiac | 17 (6.8 %) | 5 (9.3 %) |  |
| Arrest rhythm |  |  | 1.000 |
| Non-shockable | 225 (90.4 %) | 49 (90.7 %) |  |
| Shockable | 24 (9.6 %) | 5 (9.3%) |  |
| PCI | 0 (0.0 %) | 1 (1.9 %) | 0.400 |
| TTM | 10 (4.0 %) | 5 (9.3 %) | 0.206 |
| Pacemaker | 0 (0.0 %) | 1 (1.9 %) | 0.400 |
| ECMO | 3 (1.2 %) | 1 (1.9 %) | 1.000 |
| Sustained ROSC | 49 (19.7 %) | 12 (22.2 %) | 0.814 |
| Survival to discharge | 4 (1.6 %) | 2 (3.7 %) | 0.643 |

Categorical and continuous variables are represented by number (%) and median (interquartile range), respectively.

\*Calculated by Mann-Whitney test for continuous variables, and chi-square or Fisher’s exact test for categorical variables.

CPR, cardiopulmonary resuscitation; PCI, percutaneous coronary intervention; TTM, target temperature management; ECMO, extracorporeal cardiopulmonary support; ROSC, return of spontaneous circulation.