**Supplementary Material 1.** Binary Logistic Regression for 30-Day Combined Outcome and 365-Day Mortality of Non-MethHF Group (n = 1,554)

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| **Variables** | **30-Day Combined Outcome** | | **365-Day Mortality** | |
| **OR (95% CI)** | **P-value** | **OR (95% CI)** | **P-value** |
| LVEF (per 1%) | 1.00 (0.99-1.01) | 0.40 | 0.99 (0.99-1.01) | 0.66 |
| LVIDd/BSA (per cm/m2) | 1.1 (0.91-1.33) | 0.34 | 1.11 (0.93-1.33) | 0.26 |
| LVIDs/BSA (per cm/m2) | 1.1 (0.93-1.31) | 0.25 | 1.09 (0.93-1.29) | 0.28 |
| EDV/BSA (per ml/m2) | 1.00 (0.99-1.01) | 0.86 | 0.99 (0.99-1.01) | 0.52 |
| ESV/BSA (per ml/m2) | 1.00 (0.99-1.01) | 0.50 | 1.00 (0.99-1.01) | 0.88 |
| LA diameter (per cm) | 0.97 (0.89-1.05) | 0.45 | 1.01 (0.96-1.05) | 0.79 |
| E/A ratio | 1.05 (0.98-1.11) | 0.12 | 1.04 (0.98-1.10) | 0.16 |
| TR velocity (per m/s) | 1.10 (0.85-1.43) | 0.47 | 1.26 (0.98-1.62) | 0.06 |
| ≥Moderate TR | 1.03 (0.80-1.33) | 0.80 | 1.28 (1.01-1.62) | 0.04 |
| ≥Moderate MR | 1.12 (0.9-1.50) | 0.24 | 1.44 (1.13-1.83) | < 0.01 |
| ≥Moderate RV systolic dysfunction | 1.11 (0.87-1.42) | 0.39 | 1.06 (0.84-1.34) | 0.61 |

BSA: Body surface area, CI: Confidence interval, E/A: peak velocity blood flow from early diastole to peak velocity flow in late diastole caused by atrial contraction, IVSD: Interventricular septal diameter, LA: Left atrium, LVEDV: Left ventricular end-diastolic volume, LVESV: Left ventricular end-systolic volume, LVIDd: Left ventricular internal diameter end diastole, LVIDs: Left ventricular internal diameter end systole, LVPWd: Left ventricular posterior wall diameter, LVEF: Left ventricular ejection fraction, MethHF: Methamphetamine-associated heart failure, MR: Mitral valve regurgitation, Na: Sodium, SBP: Systolic blood pressure, OR: Odd ratio, RV: Right ventricle, TR: Tricuspid valve regurgitation.