**Supplemental Table 5A. Association between total duration of intraoperative hypotension MAP < 65 mmHg, vasopressor-inotrope dose, milrinone and composite primary outcome excluding top 5% of the patients from the final cohort**

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables** | **OR** | **95% CIa** | **P value** |
| Age | 1.00  | 0.99 | 1.02 | 0.774 |
| Female | 1.11  | 0.81  | 1.51 | 0.513 |
| Category |  |  |  |  |
|  CABG + Valve  | 1.08  | 0.72  | 1.62 | 0.709 |
|  Valve  | 1.19  | 0.83  | 1.72 | 0.342 |
| Delta Hematocrit | 0.99  | 0.97  | 1.00 | 0.147 |
| Ejection fraction | 1.00  | 0.99  | 1.01 | 0.623 |
| Duration of surgery | 1.00  | 1.00  | 1.01 | < 0.001 |
| Aortic cross clamp time | 1.00  | 0.99  | 1.00 | 0.273 |
| Society of Thoracic Surgeons risk scoreb |  |  |  |  |
|  T1 | reference |
|  T2 | 1.53  | 0.93  | 2.55 | 0.098 |
|  T3 | 4.34  | 2.58  | 7.45 | < 0.001 |
| Duration MAP < 65 mmHg  | 1.01  | 1.00  | 1.01 | < 0.001 |
| Vasopressor-inotrope dose | 1.00  | 1.00  | 1.00 | 0.530 |
| Milrinone dose | 1.00  | 0  | 1.00 | 0.747 |
| *\** *composite of acute kidney injury, stroke and mortality**Abbreviations: OR, Odds Ratio; CI, Confidence Intervals; CABG- Coronary Artery Bypass Grafting;* *T, Tertile; MAP, Mean arterial Pressure;* *aAdjusted for age, sex, type of surgery, Society of Thoracic Surgeons risk score, left ventricular ejection fraction, delta Haematocrit percentage, duration of surgery, cross clamp time**b* *Society of Thoracic Surgeons risk score categorized into tertiles: < 0.01, 0.01-0.02 and 0.02-0.52.*  |

**Supplemental Table 5B. Association between intraoperative hypotension area under the curve-MAP < 65 mmHg, vasopressor-inotrope dose, milrinone and composite primary outcome excluding top 5% of the patients from the final cohort**

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables** | **OR** | **95% CIa** | **P value** |
| Age | 1.00  | 0.99 | 1.02 | 0.655 |
| Female | 0.98  | 0.70  | 1.36 | 0.558 |
| Category |  |  |  |  |
|  CABG + Valve  | 1.08  | 0.70  | 1.67 | 0.661 |
|  Valve  | 1.26  | 0.86  | 1.84 | 0.408 |
| Delta Hematocrit | 0.99  | 0.97  | 1.01 | 0.151 |
| Ejection fraction | 1.00  | 0.99  | 1.01 | 0.625 |
| Duration of surgery | 1.00  | 1.00  | 1.01 | 0.002 |
| Aortic cross clamp time | 1.00  | 0.99  | 1.00 | 0.467 |
| Society of Thoracic Surgeons risk scoreb |  |  |  |  |
|  T1 | reference |
|  T2 | 1.59  | 0.98  | 2.61 | 0.078 |
|  T3 | 3.63  | 2.16  | 6.18 | < 0.001 |
| Area under the curve-MAP < 65 mmHg  | 1.00  | 1.00  | 1.00 | 0.002 |
| Vasopressor-inotrope dose | 1.00 | 1.00 | 1.00 | 0.475 |
| Milrinone dose | 1.00 | 0 | 1.00 | 0.756 |
| *\** *composite of acute kidney injury, stroke and mortality**Abbreviations: OR, Odds Ratio; CI, Confidence Intervals; CABG- Coronary Artery Bypass Grafting;* *T, Tertile; MAP, Mean arterial Pressure**aAdjusted for age, sex, type of surgery, Society of Thoracic Surgeons risk score, left ventricular ejection fraction, delta Haematocrit percentage, duration of surgery, cross clamp time**b* *Society of Thoracic Surgeons risk score categorized into tertiles: < 0.01, 0.01-0.02 and 0.02-0.52.*  |