**Supplemental Table 4A. Association between total duration of intraoperative hypotension MAP < 65 mmHg, preoperative comorbidities (excluding Society of Thoracic Surgeons risk score) and composite primary outcome \***

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables** | **OR** | **95% CI** | ***P* value** |
| Age | 1.02  | 1.01  | 1.04 | <0.001 |
| Female | 1.18  | 0.89  | 1.57 | 0.247 |
| Hypertension | 1.53  | 1.04  | 2.30 | 0.036 |
| Chronic Lung Disease | 1.25 | 0.87  | 1.77 | 0.213 |
| Congestive Heart Failure | 2.01  | 1.51  | 2.68 | <0.001 |
| Diabetes | 1.32  | 0.97  | 1.78 | 0.072 |
| Dialysis | 0.69  | 0.25  | 1.60 | 0.433 |
| Preoperative medications |  |  |  |  |
|  Aspirin | 0.78  | 0.54  | 1.14 | 0.199 |
|  Beta blockers | 0.98  | 0.71  | 1.36 | 0.887 |
|  Inotropes  | 4.88  | 2.22  | 10.11 | <0.001 |
|  Statins | 0.97  | 0.67 | 1.36 | 0.761 |
|  Steroids | 1.56  | 0.89  | 2.61 | 0.102 |
|  Previous Myocardial Infarction | 1.51  | 1.11  | 2.05 | 0.008 |
| Category |  |  |  |  |
|  CABG + Valve  | 1.32  | 0.90  | 1.94 | 0.150 |
|  Valve  | 1.39  | 0.93  | 2.06 | 0.108 |
| Delta Hematocrit  | 0.98  | 0.97  | 1.00 | 0.071 |
| Ejection fraction | 1.00  | 0.99  | 1.01 | 0.708 |
| Duration of surgery | 1.00  | 1.00  | 1.01 | 0.049 |
| Duration of CPB | 1.00  | 1.00  | 1.01 | 0.152 |
| Duration MAP < 65 mmHgc | 1.00  | 1.00  | 1.01 | 0.002 |
| Vasopressor-inotrope dose | 1.00 | 1.00 | 1.00 | 0.282 |
| Milrinone dose | 1.00 | 0 | 1.00 | 0.636 |
| *\*composite of acute kidney injury, stroke and mortality**Abbreviations: OR, Odds Ratio; CI, Confidence Intervals; CABG- Coronary Artery Bypass Grafting;* *MAP, Mean arterial Pressure* |

**Supplemental Table 4B. Association between intraoperative hypotension area under the curve-MAP < 65 mmHg, preoperative comorbidities (excluding Society of Thoracic Surgeons risk score) and composite primary outcome \***

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables** | **OR** | **95% CI** | ***P* value** |
| Age | 1.02  | 1.01  | 1.04 | <0.001 |
| Female | 1.18  | 0.88  | 1.57 | 0.260 |
| Hypertension | 1.51  | 1.03  | 2.27 | 0.041 |
| Chronic Lung Disease | 1.28  | 0.89  | 1.80 | 0.173 |
| Congestive Heart Failure | 2.07  | 1.56  | 2.76 | <0.001 |
| Diabetes | 1.32  | 0.97  | 1.78 | 0.073 |
| Dialysis | 0.74  | 0.27  | 1.70 | 0.512 |
| Preoperative medications |  |  |  |  |
|  Aspirin | 0.79  | 0.55  | 1.16 | 0.224 |
|  Beta blockers | 0.97  | 0.70  | 1.35 | 0.855 |
|  Inotropes  | 4.98  | 2.27 | 10.31 | < 0.001 |
|  Statins | 0.94  | 0.67  | 1.35 | 0.750 |
|  Steroids | 1.56  | 0.89  | 2.60 | 0.101 |
|  Previous Myocardial Infarction  | 1.54  | 1.13  | 2.08 | 0.006 |
| Category |  |  |  |  |
|  CABG + Valve  | 1.34  | 0.92  | 1.97 | 0.128 |
|  Valve  | 1.38  | 0.92  | 2.05 | 0.114 |
| Delta Hematocrit | 0.98  | 0.97  | 1.00 | 0.065 |
| Ejection fraction | 1.00  | 0.99  | 1.01 | 0.730 |
| Duration of surgery | 1.00  | 1.00  | 1.01 | 0.012 |
| Duration of CPB | 1.00  | 1.00  | 1.01 | 0.098 |
| Area under the curve-MAP < 65 mmHg | 1.00  | 1.00  | 1.00 | 0.017 |
| Vasopressor-inotrope dose | 1.00 | 1.00 | 1.00 | 0.301 |
| Milrinone dose | 1.00 | 0 | 1.00 | 0.650 |
| *\*composite of acute kidney injury, stroke and mortality**Abbreviations; OR, Odds Ratio; CI, Confidence Intervals; CABG- Coronary Artery Bypass Grafting;* *MAP, Mean arterial Pressure* |