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| **Supplemental Table 2. Univariable relationship between blood pressure components and outcomes: all patients versus those with scheduled troponin testing and excluding potential non-ischemic causes of troponin elevation** | | | | | | |
|  | **All patients** | | | **Patients with scheduled troponin testing (N = 4886)** | | |
| **Exposures** | **MINS**  **(N =1411)** | **Non-MINS**  **(N = 21729)** | **P-value\*** | **MINS**  **(N =847)** | **Non-MINS**  **(N = 4039)** | **P-value\*** |
| **SBP (mmHg)** |  |  |  |  |  |  |
| Intraoperative TWA-SBP | 120 ± 15 | 117 ± 14 | <0.001 | 122 ± 14 | 121 ± 13 | 0.032 |
| Lowest SBP (mmHg) for cumulative 5 -minutes | 86 ± 16 | 91 ± 13 | <0.001 | 86 ± 16 | 87 ± 13 | 0.072 |
| Minutes of SBP < 90 | 20 ± 33 | 13 ± 22 | <0.001 | 18 ± 30 | 16 ± 25 | 0.008 |
| AUC of SBP < 90 (mmHg\*minute) | 179 ± 341 | 96 ± 189 | <0.001 | 172 ± 328 | 130 ± 254 | <0.001 |
| **MAP (mmHg)** |  |  |  |  |  |  |
| Intraoperative TWA-MAP | 82 ± 9 | 83 ± 9 | 0.021 | 82 ± 9 | 84 ± 9 | 0.002 |
| Lowest MAP (mmHg) for cumulative 5 -minutes | 59 ± 10 | 61 ± 9 | <0.001 | 59 ± 10 | 60 ± 9 | <0.001 |
| Minutes of MAP < 65 | 34 ± 49 | 25 ± 41 | <0.001 | 33 ± 44 | 27 ± 42 | <0.001 |
| AUC of MAP <65 (mmHg\*minute) | 219 ± 390 | 142 ± 272 | <0.001 | 209 ± 299 | 162 ± 307 | <0.001 |
| **DBP (mmHg)** |  |  |  |  |  |  |
| Intraoperative TWA-DBP | 61 ± 9 | 62 ± 8 | <0.001 | 61 ± 9 | 62 ± 8 | <0.001 |
| Lowest DBP (mmHg) for cumulative 5 -minutes | 43 ± 9 | 46 ± 8 | <0.001 | 43 ± 8 | 45 ± 8 | <0.001 |
| Minutes of DBP <50 | 56 ± 77 | 40 ± 64 | <0.001 | 60 ± 81 | 47 ± 71 | <0.001 |
| AUC of DBP <50 (mmHg\*minute) | 343 ± 622 | 224 ± 460 | <0.001 | 364 ± 577 | 268 ± 540 | <0.001 |
| **PP (mmHg)** |  |  |  |  |  |  |
| Intraoperative TWA-PP | 59 ± 14 | 57 ± 12 | <0.001 | 61 ± 14 | 59 ± 12 | <0.001 |
| Lowest PP (mmHg) for cumulative 5 -minutes | 35 ± 14 | 36 ± 12 | 0.005 | 36 ± 14 | 35 ± 12 | 0.053 |
| Minutes of PP <35 | 21 ± 42 | 14 ± 28 | <0.001 | 17 ± 37 | 16 ± 31 | 0.40 |
| AUC of PP <35 (mmHg\*minute) | 159 ± 469 | 96 ± 252 | <0.001 | 125 ± 310 | 113 ± 276 | 0.30 |
| Data are presented as means ± SDs, medians [25th, 75th percentiles] or n (%). Abbreviations; AUC = area under curve; DBP = diastolic blood pressure; MAP = mean arterial pressure; MINS = myocardial injury after non-cardiac surgery; PP = pulse pressure; SBP=systolic blood pressure; TWA = time weighted average. \* P values from Chi-square test or F-test (analysis of variance) | | | | | | |