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| **Table S7. Sensitivity Analysis: Univariable c-statistics (95% CI) by ASA status** |
|  | **MINS** | **AKI** |
| **Exposures** | **ASA < 3** | **ASA = 3** | **ASA > 3**  | **ASA < 3** | **ASA = 3**  | **ASA > 3** |
|  **(N =5508)** |  **(N = 14456)** | **(N =3176)** |  **(N =5508)** | **(N = 14456)** |  **(N =3176)** |
| **AUC under threshold** |  |  |   |  |  |  |
| SBP < 90 mmHg | 0.623 (0.568, 0.678) | 0.589 (0.568, 0.610) | 0.567 (0.539, 0.595) | 0.552 (0.510, 0.594) | 0.551 (0.533, 0.569) | 0.633 (0.606, 0.659) |
| MAP < 65 mmHg | 0.597 (0.548, 0.647) | 0.589 (0.569, 0.610) | 0.577 (0.550, 0.605) | 0.518 (0.478, 0.559) | 0.554 (0.537, 0.572) | 0.630 (0.604, 0.656) |
| DBP < 50  |  0.593 (0.545, 0.641) |  0.576 (0.555, 0.596) |  0.573 (0.545, 0.600) |  0.522 (0.483, 0.561) |  0.535 (0.517, 0.553) |  0.608 (0.582, 0.635) |
| mmHg |
| PP < 35 mmHg |  0.620 (0.566, 0.674) | 0.568 (0.547, 0.589) | 0.556 (0.528, 0.583) | 0.587 (0.543, 0.631) | 0.554 (0.536, 0.572) | 0.595 (0.569, 0.621) |
| The relationship between each BP component and response was modeled by a restricted cubic spline function with three knots located at 10th, 50th, and 90th percentiles. . Abbreviations: AKI = acute kidney injury; 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. AKI = acute kidney injury; ASA = American society of anesthesiologists, MINS= myocardial injury after non-cardiac surgery. |