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| --- | --- | --- | --- | --- |
| **Table S5B. P-values Comparing blood pressure components on Univariable C-statistics** | | | | |
|  | **MINS** | | **AKI** | |
| **Exposure** | **Difference (95% CI)** | **P value** | **Difference (95% CI)** | **P value** |
| **Lowest blood pressure for cumulative 5 minutes** |  |  |  |  |
| SBP vs MAP | 0.003 (-0.013, 0.016) | 0.685 | 0.004 (-0.009, 0.019) | 0.553 |
| SBP vs DBP | 0.007 (-0.011, 0.025) | 0.443 | 0.018 (0.003, 0.034) | 0.018 |
| SBP vs PP | 0.011 (-0.007, 0.029) | 0.225 | 0.004 (-0.010, 0.018) | 0.596 |
| MAP vs DBP | 0.004 (-0.003, 0.014) | 0.367 | 0.014 (0.005, 0.022) | <0.001\* |
| MAP vs PP | 0.008 (-0.012, 0.028) | 0.451 | 0.000 (-0.019, 0.019) | 0.999 |
| DBP vs PP | 0.004 (-0.019, 0.025) | 0.715 | -0.014 (-0.034, 0.007) | 0.168 |
| **AUC under threshold** |  |  |  |  |
| SBP vs MAP | -0.009 (-0.021, 0.003) | 0.155 | -0.003 (-0.013, 0.009) | 0.573 |
| SBP vs DBP | -0.006 (-0.023, 0.011) | 0.494 | 0.011 (-0.004, 0.025) | 0.132 |
| SBP vs PP | 0.022 (0.009, 0.035) | <0.001\* | 0.010 (-0.002, 0.022) | 0.087 |
| MAP vs DBP | 0.003 (-0.005, 0.011) | 0.468 | 0.014 (0.006, 0.020) | <0.001\* |
| MAP vs PP | 0.031 (0.012, 0.050) | 0.0019\* | 0.013 (-0.004, 0.030) | 0.137 |
| DBP vs PP | 0.028 (0.005, 0.050) | 0.014 | -0.001 (-0.021, 0.019) | 0.921 |
| Using bootstrap resampling with replacement to account for within-subject correlation and estimated 95% confidence interval. \* Differences deemed statistically significant if P< 0.05/6= 0.0083. Abbreviations: AKI = acute kidney injury; AUC = area under curve; CI = confidence interval; DBP = diastolic blood pressure; MAP=mean arterial pressure; MINS = myocardial injury after non-cardiac surgery; PP = pulse pressure; SBP= systolic blood pressure. | | | | |