**Supplemental Table 4**. Intraoperative hypotension as an effect modifier in the relationship between patient characteristics and de novo postoperative renal replacement therapy.

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| --- | --- | --- | --- |
| **Risk Factor, n (%)** | **Adjusted OR (95% CI)** | | **Interaction**  ***P* Value** |
| **MAP < 55 mmHg for > 10 min** | |
| **Yes** | **No** |
| **Pre-CPB Hypotension**  Diabetes  Surgery type  CABG  Single valve  Combined valve(s) ± CABG | 2.95 (1.18-7.36)  Reference  2.50 (0.50-12.44)  0.83 (0.22-3.06) | 0.94 (0.67-1.30)  Reference  0.96 (0.53-1.73)  2.03 (1.35-3.05) | 0.0016  Reference  0.515  0.0013 |
| **During CPB Hypotension**  LVEF < 35%  RBC transfusion | * 1. (0.68-1.50)   1.06 (0.99-1.15) | 1.58 (1.00-2.51)  1.30 (1.17-1.44) | 0.0066  0.0053 |
| **Post-CPB Hypotension**  Emergent surgery  Preoperative shock  Lowest hematocrit  0.21-0.25  < 0.21  > 0.25 | 1.97 (0.91-4.30)  2.47 (0.86-7.11)  Reference  0.36 (0.08-1.71)  1.48 (0.81-2.70) | 3.31 (2.13-5.12)  1.29 (0.75-2.22)  Reference  2.11 (1.04-4.26)  1.18 (0.79-1.79) | 0.0008  0.0060  Reference  0.035  0.073 |

MAP = mean arterial pressure; OR = odds ratio; CPB = cardiopulmonary bypass; CABG = coronary artery bypass grafting; LVEF = left ventricular ejection fraction; RBC = red blood cell