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

|  |  |  |
| --- | --- | --- |
| **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)Reference2.50 (0.50-12.44)0.83 (0.22-3.06) | 0.94 (0.67-1.30)Reference0.96 (0.53-1.73)2.03 (1.35-3.05) | 0.0016Reference0.5150.0013 |
| **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) | 0.00660.0053 |
| **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)Reference0.36 (0.08-1.71)1.48 (0.81-2.70) | 3.31 (2.13-5.12)1.29 (0.75-2.22)Reference2.11 (1.04-4.26)1.18 (0.79-1.79) | 0.00080.0060Reference0.0350.073 |

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