**Supplemental Table 2: Simplified Multivariable Predictive Algorithm of 30-Day Mortality**

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| **Simplified Multivariable Predictive Algorithm of 30-Day Mortality** |
|  | **Low Intrinsic Surgical Risk (RQ1/RQ2)** | **High Intrinsic Surgical Risk (RQ3/RQ4)** |
| **Number of Risk Factors** | **Number of Cases** | **Number of Mortalities (%)** | **Model-based Risk of Mortality** | **Number of Cases** | **Number of Mortalities (%)** | **Model-based Risk of Mortality** |
| **5** | 4 | 0 (0.00%) | 5.22% | 340 | 133 (39.12%) | 39.32% |
| **4** | 47 | 3 (6.38%) | 2.20% | 1,297 | 264 (20.35%) | 20.95% |
| **3** | 359 | 1 (0.28%) | 0.59% | 5,322 | 348 (6.54%) | 6.56% |
| **2** | 6,063 | 3 (0.05%) | 0.12% | 16,818 | 244 (1.45%) | 1.45% |
| **1** | 62,501 | 18 (0.03%) | 0.04% | 38,173 | 173 (0.45%) | 0.45% |
| **0** | 205,085 | 4 (0.00%) | 0.00% | 30,164 | 18 (0.06%) | 0.05% |