|  |  |
| --- | --- |
| Feature | Score |
| Age | 0.43207959494707215 |
| TP\_Other | 0.14824013674447145 |
| Date of Discharge | 0.13334475314541436 |
| Drain output in first 4 hours (mL) | 0.030231670108041397 |
| Inotrope >4 hours postoperatively | 0.025441371443920887 |
| Clopidogrel within 7 days of surgery | 0.021879764717636176 |
| Perfusion Time | 0.020008248757368 |
| Length of Intubation (Hours) | 0.018176475764780032 |
| Cross-clamp Time | 0.013688448598390114 |
| NYHA\_I | 0.013641891310913886 |
| Highest Postoperative Creatinine | 0.0130959136512314 |
| DISCHAR\_home | 0.010769930533646402 |
| Lowest Postoperative Haemaglobin | 0.009361014462358513 |
| Length of ICU Stay (Hours) | 0.008466400445339228 |
| Preoperative Creatinine | 0.008252054239309704 |
| Preoperative Haemaglobin | 0.007497890903912064 |
| Congestive Heart Failure at Current Admission | 0.007334115910300193 |
| BMI | 0.006771823039983263 |
| eGFR | 0.004938736845707563 |
| DISCHAR\_rehabilitation unit/hospital | 0.0045727448609376 |
| DISCHAR\_local/referring hospital | 0.00417909828659047 |
| Ejection Fraction | 0.004056432007641742 |
| DISCHAR\_hospital in the home | 0.003467780763390554 |
| Last dose of aspirin | 0.0027672852750962426 |
| Postoperative multisystem failure | 0.0024374751091468952 |
| Minimum intraoperative haemaglobin | 0.0022217808916484747 |
| BSA | 0.0018740197052967726 |
| Height | 0.0018534172274714729 |
| EF\_EST\_ Mod 30-45% | 0.0016783270894885289 |
| Diabetes | 0.0016664651720232234 |
| Units of Platelets Transfused | 0.0015913393191887655 |
| Weight | 0.001396313910895974 |
| Peripheral Vascular Disease | 0.0013852171339585552 |
| Congestive Heart Failure | 0.001376916874081289 |
| MED\_ASP\_9.0 | 0.0013467582714403088 |
| Units of RBC | 0.0013269258875820732 |
| Lung Disease | 0.001197930478141656 |
| Smoking History | 0.0010741008475964164 |
| Units of FFP | 0.0007857766016701105 |
| IABP at any time | 0.0007657034814302941 |
| Cerebrovascular Disease | 0.0006751084322032887 |
| Readmission to ICU | 0.0006605715818375022 |
| Insur\_Medicare | 0.000659488395577594 |
| TP\_Isolated CABG | 0.0006443552475462124 |
| RBC transfusion | 0.0006113485589995684 |
| Reintubation | 0.0005994013915243925 |
| Units of Cryoprecipitate | 0.0005304665197774184 |
| Current Smoker | 0.0005185107847916344 |
| MED\_ASP\_No | 0.0005058095875901691 |
| Postoperative cardiac arrest | 0.0005041665058867932 |
| Preoperative Arrhythmia | 0.0004735012274905902 |
| Preoperative AF | 0.00046745940478051416 |
| Hypertension | 0.0004381154916787204 |
| Immunosuppression | 0.0004345501790917825 |
| Previous Myocardial Infarction | 0.00040955937523361283 |
| Peroperative Dialysis Requirement | 0.00040782368799431194 |
| NYHA\_III | 0.00039588302272546276 |
| On-pump | 0.00037682957268088223 |
| Elective Procedure | 0.0003479734176831942 |
| NYHA\_IV | 0.0003404533654952328 |
| Insur\_Private | 0.0003368510262385495 |
| DB\_CON\_Insulin | 0.00032083457757852167 |
| Left main disease | 0.0003094300860022763 |
| Indigenous | 0.00029225379821870725 |
| Postoperative stroke | 0.0002915005952711074 |
| Systemic Steroids <24hours before surgery | 0.00028946178128882967 |
| New postoperative arrhythmia | 0.0002853872411484455 |
| Valve Operation | 0.0002820849467311449 |
| ANTIFIB\_T\_trasylol | 0.0002653197915997026 |
| DB\_CON\_Diet | 0.00026126269485142066 |
| DISVES\_three | 0.0002592876874707689 |
| LD\_T\_Mild | 0.00025700648590775414 |
| Inotrope for low cardiac output | 0.0002475148307723599 |
| MED\_ASP\_Yes | 0.00024065897166782662 |
| Postoperative Chest Infection | 0.00023685157752850486 |
| Preoperative IV Heparin | 0.0002326812556907876 |
| Ticagrelor within 7 days of surgery | 0.00022279882924212653 |
| STAT\_Urgent | 0.00021776329896703849 |
| Return to Theatre | 0.00020935096655304796 |
| Redo operation | 0.00020605709575766392 |
| Carotid Stenosis (>50%) | 0.00020243332648900742 |
| Postoperative Shock | 0.00019932598900514967 |
| MI\_W\_>21 days | 0.00019703475581786374 |
| TP\_Valve(s) + CABG | 0.00019600799366717797 |
| Preoperative AF Type | 0.000178268118360344 |
| Sex | 0.0001760597579499176 |
| New postoperative AF | 0.00017593161303584073 |
| High Cholesterol | 0.00017177638245433716 |
| STAT\_Elective | 0.0001696019017719651 |
| EF\_EST\_ Severe <30% | 0.00016697874712060773 |
| DB\_CON\_Oral | 0.00016512133586102793 |
| CBVD\_T\_RIND/TIA | 0.0001626996848959989 |
| Previous Angiography | 0.00016225385409442364 |
| Anticoagulants <24hours before surgery | 0.00016201989574732447 |
| ANTIFIB\_yes | 0.00015462356116799318 |
| Previous Myocardial Infarction Type | 0.00014986464121631162 |
| Preoperative Heparanoids | 0.00014774931026811648 |
| Previous PTCA or Stent | 0.00014293647656935603 |
| ANTIFIB\_no | 0.00013841195585693236 |
| ANTIFIB\_T\_tranexamic acid | 0.00013722042675510602 |
| CBVD\_T\_Coma | 0.0001362907453037962 |
| EF\_EST\_Normal >60% | 0.00013517781032737654 |
| Other blood products transfused | 0.00013406524899088826 |
| Milligrams of Novo7 | 0.00013142326997699037 |
| DISVES\_none | 0.00012929049294256419 |
| CBVD\_T\_CVA | 0.00012920577960504824 |
| EF\_EST\_Mild 46-60% | 0.00012876921874924424 |
| DISVES\_two | 0.00012322376584125393 |
| MI\_W\_1-7 days | 0.00012202838798412629 |
| ANTIFIB\_T\_other | 0.00011910992495112936 |
| Preoperative Nitrates on day of surgery | 0.00011661129616593845 |
| MI\_W\_>6 hours - <24 hours | 0.00011562709771563434 |
| CBVD\_T\_Carotid Test | 0.00011418681586522056 |
| Glycoprotein inhibtor within 7 days of surgery | 0.00011151162278788392 |
| Preoperative IV GTN | 0.0001056006631907305 |
| Vasopressor for low SVR | 0.00010485022884402679 |
| STAT\_Emergency | 0.0001042350770653668 |
| Other Procedure | 0.00010289416803540298 |
| MI\_W\_>7 - 21 days | 0.0001023840973138545 |
| NYHA\_II | 0.0001017322282477887 |
| Preoperative PPM | 0.00010113226734179321 |
| Preoperative Heart Block | 0.00010034545363815558 |
| LD\_T\_Moderate | 9.970807428510688e-05 |
| Postoperative Coma | 9.941614899585469e-05 |
| Previous CTS intervention | 9.515514064136644e-05 |
| Postoperative GIT complication | 9.450108585772312e-05 |
| Insur\_Overseas | 9.412564045772128e-05 |
| Preoperative Resuscitation | 9.059260994719115e-05 |
| Insur\_DVA | 9.05264613483107e-05 |
| Other antiplatelet within 7 days of surgery | 8.960467098710967e-05 |
| Postoperative AKI | 8.561142620624925e-05 |
| Cardioplegia | 8.452424965903481e-05 |
| CAGB | 8.349392003037436e-05 |
| Preoperative Inotropes on day of surgery | 8.055456633148243e-05 |
| Transluminal coronary intervention before surgery | 7.749830649656052e-05 |
| Deep sternal wound infection | 7.624863827290833e-05 |
| Infective Endocarditis | 7.621837592303606e-05 |
| New postoperative ventricular arrhythmia | 7.400286198902149e-05 |
| INFSP | 7.335235226155444e-05 |
| ECMO at any time | 7.309472395582647e-05 |
| Preoperative Shock | 7.190539308449999e-05 |
| Superficial skin infection | 6.865652653002463e-05 |
| Transplant | 6.391639593389745e-05 |
| TP\_Valve(s) only | 6.208200763750764e-05 |
| ANTIFIB\_9.0 | 6.164868728396978e-05 |
| DISVES\_one | 6.0097128556151405e-05 |
| Preoperative Ventricular Arrhythmia | 5.459576995760108e-05 |
| New postoperative bradyarrhythmia | 5.356617083298775e-05 |
| Postoperative TIA | 5.0300584268272065e-05 |
| MI\_W\_<=6 hours | 4.5759590292818945e-05 |
| DISCHAR\_6.0 | 4.1127472222661135e-05 |
| STAT\_Salvage | 3.616049503211787e-05 |
| LD\_T\_Severe | 3.442716775869802e-05 |
| Deep Skin Infection | 3.39320943611513e-05 |
| Postoperative Pulmonary Embolism | 3.37628023676226e-05 |
| Preoperative Arrhythmia Other | 3.3020536784362665e-05 |
| Postoperative bleeding | 3.121848366767625e-05 |
| Minimally invasive | 3.063559399157001e-05 |
| DB\_CON\_None | 2.9392840169015986e-05 |
| Postoperative MI | 2.395822045161539e-05 |
| New postoperative heart block | 2.0885131061629347e-05 |
| LISCH\_Yes | 2.042382364836185e-05 |
| Insur\_Self-insured | 1.571211064846476e-05 |
| Congenital or Other | 1.3528470237576693e-05 |
| VAD at any time | 8.464645006214608e-06 |
| History of Renal Transplant | 7.798798608588932e-06 |
| Direct from Cath Lab | 7.359039771082172e-06 |
| LISCH\_No | 6.950857117710131e-06 |
| Insur\_Other | 6.690466490917077e-06 |
| Insur\_7.0 | 0.0 |
| Abciximab within 7 days of surgery | 0.0 |
| Robot Assisted | 0.0 |
| ANTIFIB\_T\_4.0 | 0.0 |
| Thoracotomy infection | 0.0 |
| Postoperative Aortic Dissection | 0.0 |
| LISCH\_2.0 | 0.0 |
| LISCH\_3.0 | 0.0 |