```
0.4
                                                                   -0.73
                                         AGE(BIN#1):-1.0-30.0
                                         AGE(BIN#2):30.0-48.0
                                         AGE(BIN#3):48.0-55.0
                                         AGE(BIN#4):55.0-60.0
                                         AGE(BIN#5):60.0-78.0
                     MOST RECENT PRA CL1(BIN#1):0.0-4.0
                   MOST_RECENT_PRA_CL1(BIN#2):4.0-100.0
                                   CREATININE(BIN#1):0.1-0.8
                                   CREATININE(BIN#2):0.8-1.0
                                  CREATININE(BIN#3):1.0-1.29
                                  CREATININE(BIN#4):1.29-1.6
                                  CREATININE(BIN#5):1.6-50.0
                                 AGE_DONER(BIN#1):0.0-17.0
                                AGE DONER(BIN#2):17.0-22.0
                                AGE DONER(BIN#3):22.0-31.0
                                AGE DONER(BIN#4):31.0-41.0
                                AGE_DONER(BIN#5):41.0-73.0
                     MOST_RECENT_PRA_CL2(BIN#1):0.0-1.0
                   MOST_RECENT_PRA_CL2(BIN#2):1.0-100.0
                                HEIGHT_CM(BIN#1):33.0-160.0
                               HEIGHT_CM(BIN#2):160.0-170.0
                               HEIGHT_CM(BIN#3):170.0-175.3
                               HEIGHT_CM(BIN#4):175.3-180.3
                               HEIGHT CM(BIN#5):180.3-218.0
                                            DIABETES type I
                                            DIABETES_type_II
                                        DIABETES_type_other
                                     DIABETES type unknown
                                 PREVIOUS_TRANSPLANT_N
PREVIOUS_TRANSPLANT_Y
                                         LVAD_AT_LISTING_1
                       HEIGHT_CM_DONER(BIN#1):30.5-162.6
                      HEIGHT CM DONER(BIN#2):162.6-170.0
                      HEIGHT_CM_DONER(BIN#3):170.0-177.8
                      HEIGHT_CM_DONER(BIN#4):177.8-182.9
                      HEIGHT CM_DONER(BIN#5):182.9-223.5
                                BMI DONER(BIN#1):7.16-20.64
                               BMI DONER(BIN#2):20.64-23.31
                              BMI_DONER(BIN#3):23.31-25.75
                              BMI_DONER(BIN#4):25.75-29.21
                              BMI DONER(BIN#5):29.21-70.44
                                       DIALYSIS HISTORY N
                                       DIALYSIS_HISTORY_U
                                       DIALYSIS HISTORY Y
                                    PEAK_PRA(BIN#1):0.0-5.0
                                  PEAK PRA(BIN#2):5.0-100.0
                                          BMI(BIN#1):7.1-20.6
                                         BMI(BIN#2):20.6-23.8
                                         BMI(BIN#3):23.8-26.4
                                         BMI(BIN#4):26.4-29.6
                                         BMI(BIN#5):29.6-68.0
                          MOST_RECENT_PRA(BIN#1):0.0-2.0
                        MOST_RECENT_PRA(BIN#2):2.0-100.0
                                          BLOOD_GROUP_A1
BLOOD_GROUP_A1
                                        BLOOD_GROUP A1B
                                          BLOOD_GROUP_A2
                                        BLOOD GROUP A2B
                                          BLOOD_GROUP AB
                                           BLOOD GROUP B
                                           BLOOD GROUP O
                        DAYS IN STATUS 1A(BIN#1):0.0-20.0
                     DAYS_IN_STATUS_1A(BIN#2):20.0-1767.0
                               PEAK_PRA_CL1(BIN#1):0.0-5.0
                              PEAK_PRA_CL1(BIN#2):5.0-13.0
                             PEAK_PRA_CL1(BIN#3):13.0-28.0
                             PEAK_PRA_CL1(BIN#4):28.0-60.0
                            PEAK PRA CL1(BIN#5):60.0-100.0
                        LV EJECT FRACTION(BIN#1):1.0-55.0
                       LV_EJECT_FRACTION(BIN#2):55.0-60.0
                       LV EJECT_FRACTION(BIN#3):60.0-65.0
                       LV_EJECT_FRACTION(BIN#4):65.0-68.0
LV_EJECT_FRACTION(BIN#5):68.0-99.0
                        INFECTION_REQUIRING_IV_DRUG_N
                        INFECTION REQUIRING IV DRUG U
                        INFECTION_REQUIRING_IV_DRUG_Y
                                      LVAD WHILE LISTED 1
                              A LOCUS MISMATCH LEVEL 0
                              A LOCUS_MISMATCH_LEVEL_1
                              A_LOCUS_MISMATCH_LEVEL_2
                                  WEIGHT_KG(BIN#1):1.9-58.1
                                 WEIGHT_KG(BIN#2):58.1-70.8
WEIGHT_KG(BIN#3):70.8-80.0
                                 WEIGHT KG(BIN#4):80.0-91.0
                               WEIGHT_KG(BIN#5):91.0-195.0
                                                DIABETES no
                           DAYS IN STATUS 1(BIN#1):0.0-3.0
                        DAYS IN STATUS 1(BIN#2):3.0-805.0
                                                      IABP 0
                                                      IABP 1
                         WEIGHT_KG_DONER(BIN#1):1.8-59.0
                        WEIGHT_KG_DONER(BIN#2):59.0-70.0
                        WEIGHT_KG_DONER(BIN#3):70.0-78.9
                        WEIGHT KG DONER(BIN#4):78.9-90.0
                       WEIGHT KG DONER(BIN#5):90.0-200.0
                                               INOTROPIC N
                                               INOTROPIC Y
        DONOR_TERMINAL_TOTAL_BILIRUBIN(BIN#1):0.1-0.5
DONOR_TERMINAL_TOTAL_BILIRUBIN(BIN#2):0.5-0.7
DONOR_TERMINAL_TOTAL_BILIRUBIN(BIN#3):0.7-0.9
DONOR_TERMINAL_TOTAL_BILIRUBIN(BIN#4):0.9-1.4
DONOR_TERMINAL_TOTAL_BILIRUBIN(BIN#5):1.4-87.0
                              B LOCUS MISMATCH LEVEL 0
                              B LOCUS MISMATCH LEVEL 1
                              B_LOCUS_MISMATCH_LEVEL_2
 DONOR TERMINAL TOTAL BILIRUBIN DONER(BIN#1):0.1-0.4
DONOR_TERMINAL_TOTAL_BILIRUBIN_DONER(BIN#2):0.4-0.7
DONOR_TERMINAL_TOTAL_BILIRUBIN_DONER(BIN#3):0.7-0.9
DONOR_TERMINAL_TOTAL_BILIRUBIN_DONER(BIN#4):0.9-1.4
DONOR_TERMINAL_TOTAL_BILIRUBIN_DONER(BIN#5):1.4-81.2
                          DIABETES_diabetes_status_unknown
                                          TRANSFUSIONS N
                                          TRANSFUSIONS U
                                           TRANSFUSIONS Y
                                                     ECMO_0
                                                     ECMO
                            DONER DIABETES HISTORY NO
                    DONER DIABETES HISTORY UNKNOWN
                               PEAK PRA CL2(BIN#1):0.0-4.0
                              PEAK PRA CL2(BIN#2):4.0-15.0
                             PEAK PRA CL2(BIN#3):15.0-34.0
                             PEAK PRA CL2(BIN#4):34.0-69.0
                            PEAK_PRA_CL2(BIN#5):69.0-100.0
                           DAYS IN STATUS 2(BIN#1):0.0-9.0
                         DAYS_IN_STATUS_2(BIN#2):9.0-130.0
                     DAYS_IN_STATUS_2(BIN#3):130.0-3325.0
                                      HEP_C_ANTI_DONER_I
                                     HEP C ANTI DONER N
                                    HEP_C_ANTI_DONER_ND
                                      HEP C ANTI DONER P
                                    HEP C ANTI DONER PD
                                     HEP C_ANTI_DONER_U
                            DR_LOCUS_MĪSMATCH LEVEL 0
                            DR_LOCUS_MISMATCH_LEVEL_
                            DR_LOCUS_MISMATCH_LEVEL
                            VAD_TAH_VAD_type_not_specified
                                                  GENDER F
                                                  GENDER M
                        DAYS IN STATUS 1B(BIN#1):0.0-40.0
                     DAYS IN STATUS 1B(BIN#2):40.0-2315.0
                                  BLOOD GROUP DONER A
                                 BLOOD_GROUP DONER A1
                                BLOOD GROUP DONER A1B
                                 BLOOD GROUP DONER A2
                                BLOOD_GROUP_DONER_A2B
                                 BLOOD GROUP DONER AB
                                  BLOOD GROUP DONER B
                                  BLOOD GROUP DONER O
                          CREATININE DONER(BIN#1):0.1-0.7
                          CREATININE DONER(BIN#2):0.7-0.9
                          CREATININE_DONER(BIN#3):0.9-1.0
CREATININE_DONER(BIN#4):1.0-1.4
                         CREATININE_DONER(BIN#5):1.4-50.0
                       HLA_MISMATCH_LEVEL(BIN#1):0.0-4.0
                       HLA_MISMATCH_LEVEL(BIN#2):4.0-5.0
                       HLA MISMATCH LEVEL(BIN#3):5.0-6.0
                       HLA_MISMATCH_LEVEL(BIN#4):6.0-6.0
                             DONER_CLINICAL_INFECTION_N
                            DONER_CLINICAL_INFECTION_U
DONER_CLINICAL_INFECTION_Y
                                           VAD_TAH_Abiomed
                                       VAD_TAH Cardio West
                                         VAD TAH Heartmate
                                                VAD_TAH_No
                                           VAD TAH Novacor
                                           VAD TAH Thoratec
                      ISCHEMIC TIME HOURS(BIN#1):0.2-2.1
                     ISCHEMIC_TIME_HOURS(BIN#2):2.1-2.8
ISCHEMIC_TIME_HOURS(BIN#3):2.8-3.3
ISCHEMIC_TIME_HOURS(BIN#4):3.3-3.9
ISCHEMIC_TIME_HOURS(BIN#5):3.9-12.0
                  BLOOD GROUP MATCH LEVEL Compatible
                     BLOOD GROUP MATCH LEVEL Identical
                 BLOOD GROUP MATCH LEVEL Incompatible
                                              VENTILATOR 0
                                              VENTILATOR 1
   DONER_DIABETES_HISTORY_YES_DURATION_UNKNOWN
             VAD_TAH_Other_VAD_specify
DONER_DIABETES_HISTORY_YES_>10_YEARS
DONER_DIABETES_HISTORY_YES_6-10_YEARS
                                          GENDER DONER F
                                         GENDER DONER M
               DONER DIABETES HISTORY YES 0-5 YEARS
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1.80

1.65

1.50

1.35

1.20

1.05