STS Risk Model Variables – v 2.81 (Sequence Number in Parentheses)

CABG	Operative Mortality	Permanent Stroke	Renal Failure	Prolonged Ventilation	Deep Sternal Wound Infection	Reoperation	Major Morbidity/ Operative Mortality	Length of Stay>14	Length of Stay<6
B. Demographics									
Age (70)	X	X	X	X	X	X	X	X	X
Gender (75)	X	X	X	X	X	X	X	X	X
RaceBlack (160)		X	X	X	X	X	X	X	X
RaceAsian (165)		X	X	X	X	X	X	X	X
Ethnicity (185)		X	X	X	X	X	X	X	X
D. Risk Factors									
HeightCm (330)	X	X	X	X	X	X	X	X	X
WeightKg (335)	X	X	X	X	X	X	X	X	X
Diabetes (360)	X	X	X	X	X	X	X	X	X
DiabCtrl (365)	X	X	X	X	X	X	X	X	X
Dialysis (375)	X	X	NA	X	X	X	X	X	X
Hypertn (380)		X	X	X			X	X	X
InfEndTy (390)									
ChrLungD (405)	X		X	X	X	X	X	X	X
ImmSupp (450)	X		X	X			X	X	X
PVD (505)	X	X	X	X	X	X	X	X	X
CVD (525)	X	X	X	X		X	X	X	X
CVA (530)	X	X	X	X		X	X	X	X
CreatLst (585)	X	X	X	X	X	X	X	X	X
E. Previous Interventions									
PrCAB (670)	X	X	X	X	X	X	X	X	X
PrValve (675)	X	X	X	X	X	X	X	X	X
POCPCIIn (800)	X		X	X		X	X	X	X
F. Preoperative Cardiac Status									
MIWhen (890)	X	X	X	X			X	X	X
CHF (910)	X		X	X	X	X	X	X	X
ClassNYH (915)	X		X	X	X	X	X	X	X
CardSympTimeofAdm (895)	X		X	X					

	1	2	3	4	5	6	7	8	9
CardSympTimeofSurg (900)	X		X	X					
CarShock (930)	X	X	X	X		X	X	X	X
Resusc (935)	X	X	X	X	X	X	X	X	X
ArrhythAfib (980)	X	X	X	X		X	X	X	X
G. Preoperative Medications									
MedInotr (1095)	X		X	X		X	X	X	X
H. Hemodynamics and Cath									
NumDisV (1170)	X	X	X	X	X	X	X	X	X
PctStenLMain (1195)				X			X		
HDEF (1545)	X	X	X	X	X	X	X	X	X
VDInsufA (1590)									X
VDStenA (1600)				X			X	X	X
VDInsufM (1680)	X			X		X	X	X	X
VDStenM (1690)									
VDInsufT (1775)			X	X			X		X
I. Operative									
Incidenc (1970)	X	X	X	X	X	X	X	X	X
Status (1975)	X	X	X	X	X	X	X	X	X
L. Mechanical Cardiac Assist Devices									
IABPWhen (3730)	X		X	X		X	X	X	X

Valve (AVRepl, MVRepl, MVRepr)	Operative Mortality	Permanent Stroke	Renal Failure	Prolonged Ventilation	Deep Sternal Wound Infection	Reoperation	Major Morbidity/ Operative Mortality	Length of Stay>14	Length of Stay<6
B. Demographics									
Age (70)	X	X	X	X	X	X	X	X	X
Gender (75)	X	X	X	X	X	X	X	X	X
RaceBlack (160)		X	X	X		X	X	X	X
RaceAsian (165)									
Ethnicity (185)		X	X	X		X	X	X	X
D. Risk Factors									
HeightCm (330)	X	X	X	X	X	X	X	X	X
WeightKg (335)	X	X	X	X	X	X	X	X	X
Diabetes (360)	X		X	X	X	X	X	X	X
DiabCtrl (365)	X		X	X	X	X	X	X	X
Dialysis (375)	X	X	NA	X	X	X	X	X	X
Hypertn (380)	X	X	X	X			X		X
InfEndTy (390)	X	X	X	X		X	X	X	X
ChrLungD (405)	X		X	X	X	X	X	X	X
ImmSupp (450)	X		X				X	X	
PVD (505)	X	X				X	X	X	X
CVD (525)		X	X	X		X	X	X	X
CVA (530)		X	X	X		X	X	X	X
CreatLst (585)	X	X	X	X		X	X	X	X
E. Previous Interventions									
PrCAB (670)	X	X	X	X	X	X	X	X	X
PrValve (675)	X	X	X	X	X	X	X	X	X
POCPCIIn (800)									
F. Preoperative Cardiac Status									
MIWhen (890)	X			X		X	X	X	X
CHF (910)	X		X	X		X	X	X	X
ClassNYH (915)	X		X	X		X	X	X	X
CardSympTimeofAdm (895)	X								

CardSympTimeofSurg (900)	X								
CarShock (930)	X	X		X		X	X	X	
Resusc (935)	X	X	X	X		X	X	X	X
ArrhythAfib (980)	X	X		X		X	X	X	X
G. Preoperative Medications									
MedInotr (1095)	X		X	X	X	X	X	X	X
H. Hemodynamics and Cath									
NumDisV (1170)		X		X			X	X	X
PctStenLMain (1195)	X		X		X				
HDEF (1545)	X		X	X	X	X	X	X	X
VDInsufA (1590)									
VDStenA (1600)				X		X	X	X	X
VDInsufM (1680)		X							
VDStenM (1690)	X								
VDInsufT (1775)			X	X		X	X	X	X
I. Operative									
Incidenc (1970)	X	X	X	X	X	X	X	X	X
Status (1975)	X	X	X	X	X	X	X	X	X
L. Mechanical Cardiac Assist Devices									
IABPWhen (3730)	X		X	X	X	X	X	X	X

Valve+CABG (AVRepl+CABG, MVRepl+CABG, MVRepr+CABG)	Operative Mortality	Permanent Stroke	Renal Failure	Prolonged Ventilation	Deep Sternal Wound Infection	Reoperation	Major Morbidity/ Operative Mortality	Length of Stay>14	Length of Stay<6
B. Demographics									
Age (70)	X	X	X	X	X	X	X	X	X
Gender (75)	X	X	X	X	X	X	X	X	X
RaceBlack (160)			X	X		X	X	X	X
RaceAsian (165)									
Ethnicity (185)			X	X		X	X	X	X
D. Risk Factors									
HeightCm (330)	X	X	X	X	X	X	X	X	X
WeightKg (335)	X	X	X	X	X	X	X	X	X
Diabetes (360)	X	X	X	X	X		X	X	X
DiabCtrl (365)	X	X	X	X	X		X	X	X
Dialysis (375)	X	X	NA	X	X	X	X	X	X
Hypertn (380)		X	X	X	X		X	X	X
InfEndTy (390)	X	X	X	X		X	X	X	X
ChrLungD (405)	X		X	X	X	X	X	X	X
ImmSupp (450)	X		X	X		X	X	X	X
PVD (505)	X	X	X	X		X	X	X	
CVD (525)	X	X	X	X	X	X	X	X	X
CVA (530)	X	X	X	X	X	X	X	X	X
CreatLst (585)	X	X	X	X	X	X	X	X	X
E. Previous Interventions									
PrCAB (670)	X	X	X	X	X	X	X	X	X
PrValve (675)	X	X	X	X	X	X	X	X	X
POCPCIIn (800)									
F. Preoperative Cardiac Status									
MIWhen (890)	X	X	X	X		X	X	X	
CHF (910)	X	X	X	X		X	X	X	X

ClassNYH (915)	X	X	X	X		X	X	X	X	X
CardSympTimeofAdm (895)	X	X	X	X						
CardSympTimeofSurg (900)	X	X	X	X						
CarShock (930)	X	X	X	X		X	X	X		
Resusc (935)	X	X	X	X		X	X	X	X	X
ArrhythAfib (980)	X	X	X	X		X	X	X	X	X
G. Preoperative Medications										
MedInotr (1095)	X		X	X		X	X	X	X	X
H. Hemodynamics and Cath										
NumDisV (1170)	X	X	X	X	X	X	X	X	X	X
PctStenLMain (1195)	X			X						
HDEF (1545)	X		X	X		X	X	X	X	X
VDInsufA (1590)										
VDStenA (1600)										
VDInsufM (1680)								X		
VDStenM (1690)	X								X	
VDInsufT (1775)	X		X	X				X		X
I. Operative										
Incidenc (1970)	X	X	X	X	X	X	X	X	X	X
Status (1975)	X	X	X	X	X	X	X	X	X	X
L. Mechanical Cardiac Assist Devices										
IABPWhen (3730)	X		X	X		X	X	X	X	X