

Data Set Name: a_base.sas7bdat

Num	Variable	Type	Len	Label
1	HEIGHTIN_BL	Num	8	Height (inches)
2	VLVEF	Num	8	LVEF value
3	EFGT45	Num	8	Baseline LVEF value greater than 45%
4	HFAGE	Num	8	Time from heart failure diagnosis (years)
5	AGEGE65	Num	8	Age greater than or equal to 65
6	HFETIOLOGY	Num	8	Heart failure etiology
7	PATNUMB	Char	6	Patient number
8	TREATMENT	Num	8	Randomized treatment
9	AGE	Num	8	Patient age (years)
10	RACE	Num	8	Patient race using NIH criteria

Data Set Name: a_endpts.sas7bdat

Num	Variable	Type	Len	Label
1	WTLBS_BL	Num	8	Baseline weight (lbs)
2	CONGSCORE_BL	Num	8	Baseline congestion score
3	DYSPVAS_BL	Num	8	Baseline dyspnea relief visual analog scale (VAS)
4	DISCHARGED	Num	8	Patient discharged alive
5	NFL_24	Num	8	24 Hour net fluid loss
6	NFL_2448	Num	8	Net fluid loss from randomization to 48 hours
7	NFL_244872	Num	8	Net fluid loss from randomization to 72 hours
8	NFL_24487296	Num	8	Net fluid loss from randomization to 96 hours
9	SOD_BL24	Num	8	24 Hour sodium change from baseline (mEq/L)
10	POT_BL24	Num	8	24 Hour potassium change from baseline (mEq/L)
11	CHLOR_BL24	Num	8	24 Hour chloride change from baseline (mEq/L)
12	BICARB_BL24	Num	8	24 Hour bicarbonate change from baseline (mEq/L)
13	BUN_BL24	Num	8	24 Hour BUN change from baseline (mg/dL)
14	CREAT_BL24	Num	8	24 Hour creatinine change from baseline (mg/dL)
15	SOD_BL48	Num	8	48 Hour sodium change from baseline (mEq/L)
16	POT_BL48	Num	8	48 Hour potassium change from baseline (mEq/L)
17	CHLOR_BL48	Num	8	48 Hour chloride change from baseline (mEq/L)
18	BICARB_BL48	Num	8	48 Hour bicarbonate change from baseline (mEq/L)
19	BUN_BL48	Num	8	48 Hour BUN change from baseline (mg/dL)
20	CREAT_BL48	Num	8	48 Hour creatinine change from baseline (mg/dL)
21	SOD_BL72	Num	8	72 Hour sodium change from baseline (mEq/L)
22	POT_BL72	Num	8	72 Hour potassium change from baseline (mEq/L)
23	CHLOR_BL72	Num	8	72 Hour chloride change from baseline (mEq/L)
24	BICARB_BL72	Num	8	72 Hour bicarbonate change from baseline (mEq/L)
25	BUN_BL72	Num	8	72 Hour BUN change from baseline (mg/dL)
26	CREAT_BL72	Num	8	72 Hour creatinine change from baseline (mg/dL)
27	SOD_BL96	Num	8	96 Hour sodium change from baseline (mEq/L)
28	POT_BL96	Num	8	96 Hour potassium change from baseline (mEq/L)
29	CHLOR_BL96	Num	8	96 Hour chloride change from baseline (mEq/L)
30	BICARB_BL96	Num	8	96 Hour bicarbonate change from baseline (mEq/L)
31	BUN_BL96	Num	8	96 Hour BUN change from baseline (mg/dL)
32	CREAT_BL96	Num	8	96 Hour creatinine change from baseline (mg/dL)
33	LOG_CL_NTPRO_BL	Num	8	Log of Baseline core lab NT Pro BNP
34	CL_NTPRO_POST	Num	8	Post-baseline core lab NT Pro BNP (pg/mL) to be used in endpoint calculations
35	LOG_CL_NTPRO_POST	Num	8	Log of post-baseline core lab NT Pro
36	LOG_CL_NTPRO_BLPOST	Num	8	Log of ratio of post baseline core lab NT Pro BNP to baseline core lab NT Pro BNP

Num	Variable	Type	Len	Label
37	CONGSCORE_BLPOST	Num	8	Post-baseline congestion score change from baseline
38	DYSPLIK_POST	Num	8	Post-baseline dyspnea likert scale to be used in endpoint calculations
39	DYSPVAS_POST	Num	8	Post-baseline dyspnea relief visual analog scale (VAS) to be used in endpoint calculations
40	DYSPVAS_BLPOST	Num	8	Post-baseline dyspnea relief visual analog scale (VAS) change from baseline
41	WTLBS_POST	Num	8	Post-baseline weight (lbs) to be used in endpoint calculations
42	WTLBS_BLPOST	Num	8	Post-baseline weight (lbs) change from baseline
43	FEDIUR_POCONVERT	Num	8	Patient took oral furosemide-equivalent diuretics between randomization and 96 hours (or earlier if discharged)
44	POFUROEQDS_BL	Num	8	Baseline PO furosemide equivalent dose (mg, period covering up to 24 hours prior to randomization)
45	POFUROEQDS_POST	Num	8	Post-baseline PO furosemide equivalent dose (mg) to be used in endpoint calculations
46	POFUROEQDS_BLPOST	Num	8	Post-baseline PO furosemide equivalent dose (mg) change from baseline
47	WHF_INHOSP96	Num	8	In-hospital worsening heart failure through the 96 hour assessment (or earlier discharge)
48	ANYHOSP	Num	8	Indicator for any all-cause hospitalizations
49	TIME2HOSP	Num	8	Time to first all-cause hospitalizations (days)
50	PTDIED	Num	8	Indicator for patient death (through Day 30)
51	TIME2DTH	Num	8	Time to death (days) (through Day 30)
52	PTDIED60	Num	8	Indicator for patient death (through Day 60)
53	TIME2DTH60	Num	8	Time to death (days) (through Day 60)
54	TIME2DC	Num	8	Time to discharge (days)
55	NTPROBNP_BLPOST_SCORE	Num	8	Post baseline NT pro BNP score based on ordering of timing of death/LVAD and NT pro BNP ratio to baseline
56	NTPROBNP_BLPOST_RANK	Num	8	Post baseline rank of the NT pro BNP score (1 = Worst)
57	WHF_OUTPT30D	Num	8	Outpatient worsening heart failure
58	FEDIURDS_PHD30	Num	8	Change in loop diuretic dose requirement between the pre-hospital dose and 30 days
59	CONGSCORE_96	Num	8	96 Hour congestion score
60	FEDIURDS_D30	Num	8	Day 30 furosemide equivalent dose (including 0 for those not on drug)
61	ANYMRA_D30	Num	8	Day 30 MRA use (spironolactone or eplerenone)
62	FEDIURDS_PH	Num	8	Pre-hospital furosemide equivalent dose (including 0 for those not on drug)
63	PATNUMB	Char	6	Patient number

Data Set Name: a_visitsumm.sas7bdat

Num	Variable	Type	Len	Label
1	PATNUMB	Char	6	Patient number
2	VISIT	Char	8	Visit name
3	WTLBS	Num	8	Weight (lbs)
4	CL_NTPRO	Num	8	Core lab NT pro BNP (pg/mL)

Data Set Name: *assess.sas7bdat*

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	AMTNDRES	Num	8	ASSESSMENT NOT DONE REASON
4	ASSESS	Num	8	ASSESSMENT PERFORMED
5	DCVISYN	Num	8	DISCHARGE VISIT
6	PATNUMB	Char	6	De-identified patient number
7	ASSMTD_D	Num	8	ASSESSMENT DATE TIME SAS DATE
8	ASSMTD_T	Num	8	ASSESSMENT DATE TIME SAS TIME

Data Set Name: day30med.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	ACE1	Num	8	ACE INHIBITOR
4	ALDOS1	Num	8	ALDOSTERONE ANTAGONIST
5	AMIOD1	Num	8	AMIODARONE
6	ANTICAC1	Num	8	ANTICOAG CONTRAINDICATE
7	ANTICAG1	Num	8	ANTICOAGULANTS
8	ANTICDT1	Num	8	ANTICOAGULANT DIRECT THROMBIN
9	ANTICFA1	Num	8	ANTICOAGULANT FACTOR XA
10	ANTICOT1	Num	8	ANTICOAGULANT OTHER
11	ANTICWA1	Num	8	ANTICOAGULANT WARFARIN
12	ANTIPAS1	Num	8	ANTIPLATELET ASPIRIN
13	ANTIPLT1	Num	8	ANTIPLATELETS
14	ANTIPOT1	Num	8	ANTIPLATELET OTHER
15	ANTIPTC1	Num	8	ANTIPLATELET CONTRAINDICATE
16	ANTIPTH1	Num	8	ANTIPLATELET THIENOPYRIDINES
17	ARB1	Num	8	ARB
18	ARBCONT1	Num	8	ARB CONTRAINDICATION
19	BETAB1	Num	8	BETA BLOCKER
20	BETACON1	Num	8	BETA BLOCK CONTRAINDICATION
21	BUMDOSE1	Num	8	BUMETANIDE DOSE
22	BUME1	Num	8	BUMETANIDE
23	CCB1	Num	8	CALCIUM CHANNEL BLOCKER
24	DCECONT1	Num	8	ACE CONTRAINDICATION
25	DIGX1	Num	8	DIGOXIN
26	EPLEDOS1	Num	8	EPLERENONE DOSE
27	EPLEUSE1	Num	8	EPLERENONE USE
28	FURO1	Num	8	FUROSEMIDE
29	FURODOS1	Num	8	FUROSEMIDE DOSE
30	HCTZ1	Num	8	HCTZ
31	HCTZDOS1	Num	8	HCTZ DOSE
32	HYDR1	Num	8	HYDRALAZINE
33	IVINOTR1	Num	8	IV INOTROPES
34	KDOSE1	Num	8	POTASSIUM SUPP DOSE
35	KUSE1	Num	8	POTASSIUM SUPP USE
36	LLIPID1	Num	8	LIPID LOWERING AGENT

Num	Variable	Type	Len	Label
37	METAZ1	Num	8	METOLAZONE
38	METDOS1	Num	8	METOLAZONE DOSE
39	NITR1	Num	8	NITRATES
40	SPIRDOS1	Num	8	SPIRONOLACTONE DOSE
41	SPIROUS1	Num	8	SPIRONOLACTONE USE
42	STATIN1	Num	8	STATIN
43	TORS1	Num	8	TORSEMIDE
44	TORSDOS1	Num	8	TORSEMIDE DOSE
45	PATNUMB	Char	6	De-identified patient number

Data Set Name: dcmeds.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	ACECONTD	Num	8	ACECONTD
4	ACED	Num	8	ACE INHIBITOR
5	ALDOSD	Num	8	ALDOSTERONE ANTAGONIST
6	AMIODD	Num	8	AMIODARONE
7	ANTICACD	Num	8	ANTICOAG CONTRAINDICATE
8	ANTICAGD	Num	8	ANTICOAGULANTS
9	ANTICDTD	Num	8	ANTICOAGULANT DIRECT THROMBIN
10	ANTICFAD	Num	8	ANTICOAGULANT FACTOR XA
11	ANTICOTD	Num	8	ANTICOAGULANT OTHER
12	ANTICWAD	Num	8	ANTICOAGULANT WARFARIN
13	ANTIPASD	Num	8	ANTIPLATELET ASPIRIN
14	ANTIPLTD	Num	8	ANTIPLATELETS
15	ANTIPOTD	Num	8	ANTIPLATELET OTHER
16	ANTIPTCD	Num	8	ANTIPLATELET CONTRAINDICATE
17	ANTIPTHD	Num	8	ANTIPLATELET THIENOPYRIDINES
18	ARBCONTD	Num	8	ARB CONTRAINDICATION
19	ARBD	Num	8	ARB
20	BETABD	Num	8	BETA BLOCKER
21	BETACOND	Num	8	BETA BLOCK CONTRAINDICATION
22	BUMDOSED	Num	8	BUMETANIDE DOSE
23	BUMED	Num	8	BUMETANIDE
24	CCBD	Num	8	CALCIUM CHANNEL BLOCKER
25	DIGXD	Num	8	DIGOXIN
26	EPLEDOSD	Num	8	EPLERENONE DOSE
27	EPLEUSED	Num	8	EPLERENONE USE
28	FUROD	Num	8	FUROSEMIDE
29	FURODOSD	Num	8	FUROSEMIDE DOSE
30	HCTZD	Num	8	HCTZ
31	HCTZDOSD	Num	8	HCTZ DOSE
32	HYDRD	Num	8	HYDRALAZINE
33	IVINOTRD	Num	8	IV INOTROPES
34	KDOSD	Num	8	POTASSIUM SUPP DOSE
35	KUSED	Num	8	POTASSIUM SUPP USE
36	LLIPIDD	Num	8	LIPID LOWERING AGENT

Num	Variable	Type	Len	Label
37	METAZD	Num	8	METOLAZONE
38	METODOSD	Num	8	METOLAZONE DOSE
39	NITRD	Num	8	NITRATES
40	SPIRDOSD	Num	8	SPIRONOLACTONE DOSE
41	SPIROUSD	Num	8	SPIRONOLACTONE USE
42	STATIND	Num	8	STATIN
43	TORSRD	Num	8	TORSEMIDE
44	TORSDOSD	Num	8	TORSEMIDE DOSE
45	PATNUMB	Char	6	De-identified patient number

Data Set Name: dcvisit.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	DCVISDN	Num	8	ASSESSMENT PERFORMED
4	PATNUMB	Char	6	De-identified patient number
5	DCVISD_D	Num	8	ASSESSMENT DATE SAS DATE

Data Set Name: death.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	DEATHLOC	Num	8	DEATH LOCATION
4	DTHCARD	Num	8	CARDIO DEATH TYPE
5	DTHCAUSE	Num	8	CAUSE OF DEATH
6	DTHCVPR	Num	8	DEATH CV PROCEDURE
7	SDNDTHW	Num	8	SUDDEN DEATH WITNESSED
8	PATNUMB	Char	6	De-identified patient number
9	DEATHD_D	Num	8	DEATH DATE SAS DATE

Data Set Name: demog.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	SEX	Num	8	GENDER
4	PATNUMB	Char	6	De-identified patient number
5	CONSDT_D	Num	8	DATE INFD CONSENT SIGNED SAS DATE
6	CONSDT_T	Num	8	DATE INFD CONSENT SIGNED SAS TIME
7	BIORPC_D	Num	8	BIOREPOSITORY CONSENT DATE SAS DATE
8	GENCON_D	Num	8	GENETICS CONSENT DATE SAS DATE
9	ADMITD_D	Num	8	ADMISSION DATE AND TIME SAS DATE
10	ADMITD_T	Num	8	ADMISSION DATE AND TIME SAS TIME
11	IVDDTM_D	Num	8	IV DIURETIC ADMINISTERED SAS DATE
12	IVDDTM_T	Num	8	IV DIURETIC ADMINISTERED SAS TIME
13	BIORPSTY	Num	8	BIOREPOSITORY CONSENT
14	GENETICS	Num	8	GENETICS CONSENT

Data Set Name: diureti2.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	ITMSTNDX	Num	8	ITMSTNDX
4	DIURDOSE	Num	8	DIURETIC DOSE KNOWN
5	DIURDSVL	Num	8	DIURETIC DOSE VALUE
6	DIURETIC	Num	8	DIURETIC
7	DIURTE	Num	8	DIURETIC ROUTE
8	PATNUMB	Char	6	De-identified patient number
9	PODTM_D	Num	8	DIURETIC PO DATE TIME SAS DATE
10	PODTM_T	Num	8	DIURETIC PO DATE TIME SAS TIME

Data Set Name: diuretic.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	DIURAMNI	Num	8	DIURETIC ADMINISTERED?
4	PATNUMB	Char	6	De-identified patient number

Data Set Name: ef.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	EFVAL1	Num	8	EF NUMERIC VALUE
4	EFVALUE	Num	8	EF VALUE
5	PATNUMB	Char	6	De-identified patient number
6	EFDT_D	Num	8	EF MEASUREMENT DATE SAS DATE

Data Set Name: eos.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	CMPLTD	Num	8	SUBJECT COMPLETED THE STUDY
4	PST96HDC	Num	8	POST 96 DISCHARGE
5	PATNUMB	Char	6	De-identified patient number
6	LSTCON_D	Num	8	DATE OF LAST CONTACT SAS DATE
7	PST96H_D	Num	8	POST 96 DISCHARGE DATE SAS DATE

Data Set Name: evntin1b.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	ITMSTNDX	Num	8	ITMSTNDX
4	EVNTTYP1	Num	8	EVENT OF INTEREST TYPE
5	PATNUMB	Char	6	De-identified patient number
6	EVNTDT_D	Num	8	EVENT OF INTEREST DATE SAS DATE

Data Set Name: evntint.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	EVNTINT	Num	8	EVENT OF INTEREST
4	SAEYN	Num	8	SAE OCCURANCE
5	PATNUMB	Char	6	De-identified patient number

Data Set Name: evntint1.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	D30WRSHF	Num	8	DAY 30 WORSENING HF
4	EVNTINT1	Num	8	EVENT OF INTEREST
5	HOSPYN	Num	8	REHOSP OCCURANCE
6	SAEYN1	Num	8	SAE OCCURANCE
7	PATNUMB	Char	6	De-identified patient number

Data Set Name: evntint2.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	ITMSTNDX	Num	8	ITMSTNDX
4	EVNTTYPE	Num	8	EVENT OF INTEREST TYPE
5	PATNUMB	Char	6	De-identified patient number
6	EVNTDT_D	Num	8	EVENT OF INTEREST DATE SAS DATE

Data Set Name: exam.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	ADDLLOOP	Num	8	ADDITONAL LOOP DIURETIC
4	BPDIA	Num	8	DIASTOLIC BLOOD PRESSURE
5	BPDONE	Num	8	BLOOD PRESSURE
6	BPSYS	Num	8	SYSTOLIC BLOOD PRESSURE
7	CCS1	Num	8	CCS DYSPNEA
8	CCS2	Num	8	CCS ORTHOPNEA
9	CCS3	Num	8	CCS FATIGUE
10	CCS4	Num	8	CCS JVD
11	CCS5	Num	8	CCS RALES
12	CCS6	Num	8	CCS EDEMA
13	CIRSUPPT	Num	8	CIRCULATORY SUPPORT
14	DYSANAVL	Num	8	DYSPNEA VAS VALUE
15	DYSLIKRT	Num	8	DYSPNEA LIKERT SCALE
16	DYSVISDN	Num	8	DYSPNEA VAS DONE
17	HRATE	Num	8	HEART RATE DONE
18	HRATEVAL	Num	8	HEART RATE VALUE
19	INODUBUT	Num	8	DOBUTAMINE
20	INOMILIR	Num	8	MILRINONE
21	INOOTHER	Num	8	OTHER INOTROPE
22	MECHRESP	Num	8	RESPIRATORY SUPPORT
23	NYHA	Num	8	NYHA CLASSIFICATION
24	THIMETO	Num	8	THIAZIDE OR METOLAZONE
25	ULTRAFIL	Num	8	ULTRAFILTRATION
26	VASDNPRU	Num	8	NITROPRUSSIDE
27	VASDNYGN	Num	8	NITROGLYCERIN
28	VASDOTH	Num	8	VASODILATOR OTHER
29	VASINOTP	Num	8	INOTROPE
30	VASNOREP	Num	8	NOREPINEPHRINE
31	VASOACTV	Num	8	IV VASOACTIVE AGENT
32	VASODILT	Num	8	VASODILATOR
33	VASOPDOP	Num	8	DOPAMINE
34	VASOPOTH	Num	8	VASOPRESSOR OTHER
35	VASOPRES	Num	8	VASOPRESSOR
36	WHFOTH	Num	8	OTHER WORSENING HF TX

Num	Variable	Type	Len	Label
37	WORSEHF	Num	8	WORSINING HF YN
38	PATNUMB	Char	6	De-identified patient number

Data Set Name: fluid.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	IVIN	Num	8	IV INTAKE DONE
4	IVINVAL	Num	8	IV INTAKE VALUE
5	NONUOTVL	Num	8	NON-URINE OUTPUT VALUE
6	NONUOUT	Num	8	NON-URINE OUTPUT DONE
7	ORALIN	Num	8	ORAL INTAKE DONE
8	ORLINVAL	Num	8	ORAL INTAKE VALUE
9	UROUT	Num	8	URINE OUTPUT DONE
10	UROUTVAL	Num	8	URINE OUTPUT VALUE
11	PATNUMB	Char	6	De-identified patient number

Data Set Name: inhospdc.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	DCALIVE	Num	8	DISCHARGED ALIVE
4	PATNUMB	Char	6	De-identified patient number
5	DCDT_D	Num	8	DISCHARGE DATE SAS DATE

Data Set Name: kcreat.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	CREAT3	Num	8	CREATININE
4	CREATUT3	Num	8	CREATININE UNIT
5	CREATVL3	Num	8	CREATININE VALUE
6	CRRPTYN3	Num	8	CREATININE REPEATED
7	KRPTYN3	Num	8	POTASSIUM REPEATED
8	POTAS3	Num	8	POTASSIUM
9	POTASUT3	Num	8	POTASSIUM UNIT
10	POTASVL3	Num	8	POTASSIUM VALUE
11	PATNUMB	Char	6	De-identified patient number
12	KCRDTM_D	Num	8	LAB DATE TIME SAS DATE
13	KCRDTM_T	Num	8	LAB DATE TIME SAS TIME

Data Set Name: kcreat3.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	ITMSTNDX	Num	8	ITMSTNDX
4	KRPTRLT3	Num	8	POTASSIUM RETEST RESULT
5	KRPTUNT3	Num	8	POTASSIUM RETEST UNIT
6	PATNUMB	Char	6	De-identified patient number
7	KRPT3D_D	Num	8	POTASSIUM RETEST DATE TIME SAS DATE
8	KRPT3D_T	Num	8	POTASSIUM RETEST DATE TIME SAS TIME

Data Set Name: kcreat5.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	ITMSTNDX	Num	8	ITMSTNDX
4	CRPTRLT3	Num	8	CREATININE RETEST RESULT
5	CRPTUNT3	Num	8	CREATININE RETEST UNIT
6	PATNUMB	Char	6	De-identified patient number
7	CRPT3D_D	Num	8	CREATININE RETEST DATE TIME SAS DATE
8	CRPT3D_T	Num	8	CREATININE RETEST DATE TIME SAS TIME

Data Set Name: labs1.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	BNPUNT	Num	8	BNP UNIT
4	BNPVAL	Num	8	BNP VALUE
5	BUNUNT	Num	8	BUN UNIT
6	BUNVAL	Num	8	BUN VALUE
7	CHLORUNT	Num	8	CHLORIDE UNIT
8	CHLORVAL	Num	8	CHLORIDE VALUE
9	CO2UNT	Num	8	CO2 UNIT
10	CO2VAL	Num	8	CO2 VALUE
11	CREATUNT	Num	8	CREATININE UNIT
12	CREATVAL	Num	8	CREATININE VALUE
13	NTBNPUNT	Num	8	NT PROBPNP UNIT
14	NTBNPVAL	Num	8	NT PROBPNP VALUE
15	POTASUNT	Num	8	POTASSIUM UNIT
16	POTASVAL	Num	8	POTASSIUM VALUE
17	SODUNT	Num	8	SODIUM UNIT
18	SODVAL	Num	8	SODIUM VALUE
19	PATNUMB	Char	6	De-identified patient number
20	LABDTM_D	Num	8	LAB DATE TIME SAS DATE
21	LABDTM_T	Num	8	LAB DATE TIME SAS TIME

Data Set Name: labs2.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	BUNUNT2	Num	8	BUN UNIT
4	BUNVAL2	Num	8	BUN VALUE
5	CHLORUN2	Num	8	CHLORIDE UNIT
6	CHLORVA2	Num	8	CHLORIDE VALUE
7	CO2UNT2	Num	8	CO2 UNIT
8	CO2VAL2	Num	8	CO2 VALUE
9	SODUNT2	Num	8	SODIUM UNIT
10	SODVAL2	Num	8	SODIUM VALUE
11	PATNUMB	Char	6	De-identified patient number
12	LABDTM_D	Num	8	LAB DATE TIME SAS DATE
13	LABDTM_T	Num	8	LAB DATE TIME SAS TIME

Data Set Name: medhist1.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	ALCOHOLC	Num	8	ALCOHOLIC
4	CABGHX	Num	8	PREVIOUS CABG
5	CYTOTOX	Num	8	CYTOTOXIC DRUG THERAPY
6	FACTORYN	Num	8	CARDIO CONTRIBUTING FACTORS
7	FAMILIAL	Num	8	FAMILIAL
8	HCM	Num	8	HCM
9	HOSPVAL	Num	8	TOTAL HOSPITALIZATIONS
10	HYPERTN	Num	8	HYPERTENSIVE
11	IDIODIL	Num	8	IDIOPATHIC DILATED
12	IDIORES	Num	8	IDIOPATHIC RESTRICTIVE
13	LTCATH	Num	8	PREVIOUS LEFT HEART CATH
14	LVASSESS	Num	8	LV ASSESSED
15	LVEF	Num	8	VALUE OF LAST LVEF
16	LVEFEF	Num	8	LVEF EF VALUE
17	MI	Num	8	PREVIOUS MI
18	MYOOTH	Num	8	CARDIOMYOPATHY OTHER
19	NUMHFHSP	Num	8	HF HOSPITALIZATIONS
20	PCIHX	Num	8	PREVIOUS PCI
21	PERIPRT	Num	8	PERIPARTUM
22	VALVUL	Num	8	VALVULAR
23	PATNUMB	Char	6	De-identified patient number
24	LVASSD_D	Num	8	DATE OF LAST LVEF SAS DATE

Data Set Name: medhist2.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	AORSURG	Num	8	AORTIC SURGERY
4	AREGURG	Num	8	AORTIC REGURGITATION
5	ARRHUNKO	Num	8	ARRHUNKO
6	ARRHYTHM	Num	8	ARRHYTHMIA
7	ATRIALFB	Num	8	ATRIALFB
8	COPD	Num	8	COPD
9	CRINSUF	Num	8	CHRONIC RENAL INSUFFICIENCY
10	DEPRESS	Num	8	DEPRESSION
11	DIABETES	Num	8	DIABETES
12	HEPATIC	Num	8	HEPATIC DISEASE
13	HYPRLIP	Num	8	HYPERLIPIDEMIA
14	HYPRTESN	Num	8	HYPERTENSION
15	MITSURG	Num	8	MITRAL SURGERY
16	MREGURG	Num	8	MITRAL REGURGITATION
17	OSA	Num	8	OBSTRUCTIVE SLEEP APNEA
18	OSATX	Num	8	OSA TREATMENT
19	PACEICD	Num	8	PACEMAKER OR ICD
20	PACICDTY	Num	8	PACEMAKER OR ICD TYPE
21	PULSURG	Num	8	PULMONIC SURGERY
22	PVALSRG	Num	8	PRIOR VALVULAR SURGERY
23	PVD	Num	8	PERIPHERAL VASCULAR DISEASE
24	SMOKING	Num	8	CIGARETTE SMOKING
25	STROKE	Num	8	STROKE
26	SUSVT	Num	8	SUSVT
27	TIA	Num	8	TIA
28	TREGURG	Num	8	TRICUSPID REGURGITATION
29	TRISURG	Num	8	TRICUSPID SURGERY
30	VALVULAR	Num	8	VALVULAR HEART DISEASE
31	PATNUMB	Char	6	De-identified patient number

Data Set Name: med.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	ACECONTR	Num	8	ACE CONTRAINDICATION
4	ACER	Num	8	ACE INHIBITOR
5	ALDOSR	Num	8	ALDOSTERONE ANTAGONIST
6	AMIODR	Num	8	AMIODARONE
7	ANTICACR	Num	8	ANTICOAG CONTRAINDICATE
8	ANTICAGR	Num	8	ANTICOAGULANTS
9	ANTICDTR	Num	8	ANTICOAGULANT DIRECT THROMBIN
10	ANTICFCR	Num	8	ANTICOAGULANT FACTOR XA
11	ANTICOTR	Num	8	ANTICOAGULANT OTHER
12	ANTICWRR	Num	8	ANTICOAGULANT WARFARIN
13	ANTIPASR	Num	8	ANTIPLATELET ASPIRIN
14	ANTIPLTR	Num	8	ANTIPLATELETS
15	ANTIPOTR	Num	8	ANTIPLATELET OTHER
16	ANTIPTCR	Num	8	ANTIPLATELET CONTRAINDICATE
17	ANTIPTHR	Num	8	ANTIPLATELET THIENOPYRIDINES
18	ARBCONTR	Num	8	ARB CONTRAINDICATION
19	ARBR	Num	8	ARB
20	BETABR	Num	8	BETA BLOCKER
21	BETACONR	Num	8	BETA BLOCK CONTRAINDICATION
22	CCBR	Num	8	CALCIUM CHANNEL BLOCKER
23	DIGXR	Num	8	DIGOXIN
24	EPLEDOSR	Num	8	EPLERENONE DOSE
25	EPLEUSER	Num	8	EPLERENONE USE
26	HYDRR	Num	8	HYDRALAZINE
27	IVINOTRR	Num	8	IV INOTROPES
28	KDOSER	Num	8	POTASSIUM SUPP DOSE
29	KUSER	Num	8	POTASSIUM SUPP USE
30	LLIPIDR	Num	8	LIPID LOWERING AGENT
31	NITRR	Num	8	NITRATES
32	SPIRDOSR	Num	8	SPIRONOLACTONE DOSE
33	SPIROUSR	Num	8	SPIRONOLACTONE USE
34	STATINR	Num	8	STATIN
35	PATNUMB	Char	6	De-identified patient number

Data Set Name: outptvis.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	FORMNDX	Num	8	FORMNDX
4	DECOMP	Num	8	DECOMPENSATED HF
5	EDIVTX	Num	8	ED IV TREATMENT FOR HF
6	OTPTYPE	Num	8	OUTPATIENT VISIT TYPE
7	UNSCREAS	Num	8	UNSCHEDULED VISIT REASON
8	PATNUMB	Char	6	De-identified patient number
9	UNSCHD_D	Num	8	ENCOUNTER DATE SAS DATE

Data Set Name: premeds.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	ACE	Num	8	ACE INHIBITOR
4	ACECONT	Num	8	ACE CONTRAINDICATION
5	ALDOS	Num	8	ALDOSTERONE ANTAGONIST
6	AMIOD	Num	8	AMIODARONE
7	ANTICACI	Num	8	ANTICOAG CONTRAINDICATE
8	ANTICAG	Num	8	ANTICOAGULANTS
9	ANTICDTH	Num	8	ANTICOAGULANT DIRECT THROMBIN
10	ANTICFCX	Num	8	ANTICFCX
11	ANTICOOTH	Num	8	ANTICOAGULANT OTHER
12	ANTICWAR	Num	8	ANTICOAGULANT WARFARIN
13	ANTIPASP	Num	8	ANTIPLATELET ASPIRIN
14	ANTIPLT	Num	8	ANTIPLATELETS
15	ANTIPOTH	Num	8	ANTIPLATELET OTHER
16	ANTIPTCI	Num	8	ANTIPLATELET CONTRAINDICATE
17	ANTIPTHI	Num	8	ANTIPLATELET THIENOPYRIDINES
18	ARB	Num	8	ARB
19	ARBCONT	Num	8	ARB CONTRAINDICATION
20	BETAB	Num	8	BETA BLOCKER
21	BETACONT	Num	8	BETA BLOCK CONTRAINDICATION
22	BUMDOSE	Num	8	BUMETANIDE DOSE
23	BUME	Num	8	BUMETANIDE
24	CCB	Num	8	CALCIUM CHANNEL BLOCKER
25	DIGX	Num	8	DIGOXIN
26	EPLEDOSE	Num	8	EPLERENONE DOSE
27	EPLEUSE	Num	8	EPLERENONE USE
28	FURO	Num	8	FUROSEMIDE
29	FURODOSE	Num	8	FUROSEMIDE DOSE
30	HCTZ	Num	8	HCTZ
31	HCTZDOSE	Num	8	HCTZ DOSE
32	HYDR	Num	8	HYDRALAZINE
33	IVINOTRP	Num	8	IV INOTROPES
34	KDOSE	Num	8	POTASSIUM SUPP DOSE
35	KUSE	Num	8	POTASSIUM SUPP USE
36	LLIPID	Num	8	LIPID LOWERING AGENT

Num	Variable	Type	Len	Label
37	METAZ	Num	8	METOLAZONE
38	METODOSE	Num	8	METOLAZONE DOSE
39	NITR	Num	8	NITRATES
40	SPIRDOSE	Num	8	SPIRONOLACTONE DOSE
41	SPIROUSE	Num	8	SPIRONOLACTONE USE
42	STATIN	Num	8	STATIN
43	TORS	Num	8	TORSEMIDE
44	TORSDOSE	Num	8	TORSEMIDE DOSE
45	PATNUMB	Char	6	De-identified patient number

Data Set Name: rehosp.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	FORMNDX	Num	8	FORMNDX
4	BIOOTH	Num	8	OTHER BIOMARKER EVIDENCE
5	BIOUNK	Num	8	OTHER BIOMARKER UNKNOWN
6	CABG	Num	8	CORONARY ARTER BYPASS GRAFT
7	CONACS	Num	8	CONTRIBUTING ACS
8	CONARRH	Num	8	CONTRIBUTING ATRIAL ARRHYTH
9	CONCVA	Num	8	CONTRIBUTING CVA
10	CONHF	Num	8	CONTRIBUTING HEART FAILURE
11	CONOTHC	Num	8	CONTRIBUTING OTHER CV
12	CONOTHNC	Num	8	CONTRIBUTING OTHER NON-CV
13	CONSDTH	Num	8	CONTRIBUTING SUDDEN DEATH
14	CONVENTA	Num	8	CONTRIBUTING VENT ARRHYTH
15	ELECTAD	Num	8	UNPLANNED HOSPITALIZATION
16	HFDYSP	Num	8	NEW WORSENING DYSPNEA
17	HFEDEMA	Num	8	NEW WORSENING EDEMA
18	HFEVDNCE	Num	8	OTHER CLINICAL EVIDENCE
19	HFGALLOP	Num	8	NEW WORSENING HEART SOUND
20	HFHYPO	Num	8	NEW WORSENING HYPOTENSION
21	HFIMGING	Num	8	WORSENERD PULM CONGESTION
22	HFJVD	Num	8	NEW WORSENING JVD
23	HFNOCDYS	Num	8	NEW WORSENING PND
24	HFORTHOP	Num	8	NEW WORSENING ORTHOPNEA
25	HFOTHR	Num	8	OTHER MANIFESTATIONS
26	HFRALES	Num	8	NEW WORSENING PULM RALES
27	HFUNK	Num	8	OTHER MANIFESTATIONS UNK
28	HOSPICD	Num	8	HOSP PACEMAKER OR ICD
29	HOSPRS	Num	8	HOSPITALIZATION REASON
30	INCBNP	Num	8	INCREASED BNP OR NTPROBNP
31	INITHRPY	Num	8	INITIATION OF THERAPY
32	INREHOSP	Num	8	REHOSPITALIZATION DISCHARGE
33	INTVUNK	Num	8	OTHER INTERVENTION UNKNOWN
34	LCATH	Num	8	LEFT HEART CATH
35	LVAD	Num	8	LVAD
36	MANIFEST	Num	8	CLINICAL MANIFESTATIONS

Num	Variable	Type	Len	Label
37	MECHSURG	Num	8	MECHAN SURG INTERVENTION
38	ORLTHPY	Num	8	HEART FAILURE THERAPY
39	OTHINTVN	Num	8	OTHER INTERVENTION
40	PACTYPE	Num	8	HOSP PACEMAKER OR ICD TYPE
41	PCI	Num	8	PCI
42	PHARMINT	Num	8	PHARMACOLOGIC INTERVENTION
43	PROCATH	Num	8	CATHETERIZATION PERFORMED
44	PROHTRAN	Num	8	HEART TRANSPLANT
45	RADIOEV	Num	8	RADIOGRAPHIC EVIDENCE
46	RCATH	Num	8	RIGHT HEART CATH
47	RENFAIL	Num	8	CONTRIBUTING RENAL FAILURE
48	REVASC	Num	8	REVASCULARIZATION
49	UPTITRTE	Num	8	UP-TITRATION OF IV THERAPY
50	PATNUMB	Char	6	De-identified patient number
51	ADMITD_D	Num	8	ADMISSION DATE SAS DATE
52	LVADDT_D	Num	8	LVAD DATE SAS DATE
53	PRHTRD_D	Num	8	HEART TRANSPLANT DATE SAS DATE
54	REDCHG_D	Num	8	DISCHARGE DATE SAS DATE

Data Set Name: sae.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	FORMNDX	Num	8	FORMNDX
4	AEACN	Num	8	CHANGES REGARDING STDY DRUG
5	AEDIMTD	Num	8	AE DIMINISH AFTER ACTION?
6	AEONGO	Num	8	AE STOP OR ONGOING
7	AEOUT	Num	8	AE OUTCOME
8	AERAPR	Num	8	AE REOCCUR AFTER RESTARTED
9	AEREL	Num	8	RELATIONSHIP TO STUDY DRUG
10	ALTNONE	Num	8	ALT CAUSE NONE
11	CONCOM	Num	8	ALT CAUSE CON MED
12	DCDTAE	Num	8	DISCONTINUED DUE TO AE?
13	INTDTAE	Num	8	INTERRUPTED DUE TO AE?
14	INTERILL	Num	8	ALT CAUSE ILLNESS
15	OKNWN	Num	8	ALT CAUSE OTHER
16	PRIMDIS	Num	8	ALT CAUSE PRIMARY DISEASE
17	SAEANO	Num	8	CONGENITAL OR BIRTH DEFECT
18	SAECMYN	Num	8	RELEVANT MEDICATIONS
19	SAEDEATH	Num	8	DEATH
20	SAEDIS	Num	8	PERSISITANT DISABILITY
21	SAEHOSP	Num	8	PROLONGATION OF HOSP
22	SAEIMPNT	Num	8	OTHER MEDICAL EVENT
23	SAELABYN	Num	8	RELEVANT LABS
24	SAELIFE	Num	8	LIFE-THREATENING
25	SAEUNEX	Num	8	UNEXPECTED PER PRODUCT LABEL
26	SEVERITY	Num	8	AE SEVERITY
27	LLTERM	Char	100	MEDDRA LOW LEVEL TERM TEXT
28	LLTCODE	Char	8	MEDDRA LOW LEVEL TERM CODE
29	PTERM	Char	100	MEDDRA PREFERRED TERM
30	PTCODE	Char	8	MEDDRA PREFERRED TERM CODE
31	HLTERM	Char	100	MEDDRA HIGH LEVEL TERM
32	HLTCODE	Char	8	MEDDRA HIGH LEVEL TERM CODE
33	HLGTERM	Char	100	MEDDRA HIGH LEVEL GROUP TERM
34	HLGTCOD	Char	8	MEDDRA HIGH LEVEL GROUP TERM CODE
35	SOCTERM	Char	100	MEDDRA SYSTEM ORGAN CLASS
36	SOCCODE	Char	8	MEDDRA SYSTEM ORGAN CLASS CODE

Num	Variable	Type	Len	Label
37	PATNUMB	Char	6	De-identified patient number
38	AESPDT_D	Num	8	END DATE OF AE SAS DATE
39	AESPDT_T	Num	8	END DATE OF AE SAS TIME
40	AESTDT_D	Num	8	ONSET DATE OF AE SAS DATE
41	AESTDT_T	Num	8	ONSET DATE OF AE SAS TIME

Data Set Name: samples.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	BIOMNDRS	Num	8	BIOMARKER NOT DONE REASON
4	BIOMRK	Num	8	BIOMARKERS COLLECTED
5	BIOREP	Num	8	BIOREPOSITORY COLLECTION
6	BIORNDRN	Num	8	BIOREP SAMPLES NOT DONE REASON
7	PATNUMB	Char	6	De-identified patient number

Data Set Name: samples2.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	ITMSTNDX	Num	8	ITMSTNDX
4	BIOMEDNM	Num	8	BIOMARKER EDTA VILES
5	BIOMEDTA	Num	8	BIOMARKER EDTA COLLECTED
6	BIOMENUM	Num	8	BIOMARKER EDTA VILES RECD
7	BIOMERCD	Num	8	BIOMARKER EDTA RECEIVED
8	BIOMEUSE	Num	8	NUMBER OF BIOMARK EDTA USABLE
9	BIOMFROZ	Num	8	BIOMARKER SAMPLES FROZEN
10	BIOMSER	Num	8	BIOMARKER SERUM COLLECTED
11	BIOMSNUM	Num	8	BIOMARKER SERUM VILES RECD
12	BIOMSRCD	Num	8	BIOMARKER SERUM RECEIVED
13	BIOMSRNM	Num	8	BIOMARKER SERUM VILES
14	BIOMSUSE	Num	8	NUMBER OF BIOMARK SERUM USABLE
15	PATNUMB	Char	6	De-identified patient number
16	BIOMKD_D	Num	8	BIOMARKER COLLECTION DATE SAS DATE
17	BIOMKD_T	Num	8	BIOMARKER COLLECTION DATE SAS TIME
18	BIOMRC_D	Num	8	DATE BIOMARKERS RECEIVED SAS DATE
19	BIOMST_D	Num	8	DATE BIOMARKERS RECEIVED SAS DATE

Data Set Name: samples4.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	ITMSTNDX	Num	8	ITMSTNDX
4	BIORDNA	Num	8	BIOREP DNA COLLECTED
5	BIORDNUM	Num	8	BIOREP DNA VILES
6	BIORDRCD	Num	8	BIOREP DNA RECEIVED
7	BIORDUSE	Num	8	NUMBER OF BIOREP DNA USABLE
8	BIOREDNM	Num	8	BIOREP EDTA VILES
9	BIOREDTA	Num	8	BIOREP EDTA COLLECTED
10	BIORENUM	Num	8	BIOREP EDTA VILES RECD
11	BIORERCD	Num	8	BIOREP EDTA RECEIVED
12	BIOREUSE	Num	8	NUMBER BIOREP EDTA USABLE
13	BIORFROZ	Num	8	BIOREPOSITORY SAMPLES FROZEN
14	BIORNUM	Num	8	BIOREP DNA VILES RECD
15	BIORSER	Num	8	BIOREP SERUM COLLECTED
16	BIORSNUM	Num	8	BIOREP SERUM VILES RECD
17	BIORSRCD	Num	8	BIOREP SERUM RECEIVED
18	BIORSRNM	Num	8	BIOREP SERUM VILES
19	BIORSUSE	Num	8	NUMBER BIOREP SERUM USABLE
20	PATNUMB	Char	6	De-identified patient number
21	BIORPD_D	Num	8	BIOREP COLLECTION DATE SAS DATE
22	BIORRC_D	Num	8	BIOREP COLLECTION DATE SAS TIME
23	BIORST_D	Num	8	DATE BIOREP SENT TO LAB SAS DATE
24	BIORPD_T	Num	8	BIOREP COLLECTION DATE SAS TIME

Data Set Name: *sdadmin.sas7bdat*

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	DELAYDRS	Num	8	REASON DOSE DELAYED
4	DGADMIN	Num	8	DRUG ADMINISTERED
5	DOSEADM	Num	8	DOSE AMOUNT ADMINISTERED
6	DSTIMING	Num	8	DOSE ADMINISTRATION TIMING
7	NOADRSN	Num	8	DRUG NOT ADMINISTERED REASON
8	RDCEREAS	Num	8	REASON DOSE REDUCED
9	PATNUMB	Char	6	De-identified patient number
10	DRGDTM_D	Num	8	DRUG ADMIN DATE TIME SAS DATE
11	DRGDTM_T	Num	8	DRUG ADMIN DATE TIME SAS TIME

Data Set Name: stratify.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	MRASTRAT	Num	8	MRA STRATA
4	PATNUMB	Char	6	De-identified patient number

Data Set Name: visit.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	STATUS	Num	8	ASSESSMENT PERFORMED
4	VISNDRES	Num	8	VISIT NOT DONE REASON
5	PATNUMB	Char	6	De-identified patient number
6	ASSESS_D	Num	8	ASSESSMENT DATE SAS DATE

Data Set Name: vital.sas7bdat

Num	Variable	Type	Len	Label
1	VISIT	Char	80	VISIT
2	FORM	Char	80	FORM
3	D60VST	Num	8	OUTPATIENT VISIT TYPE
4	PATNUMB	Char	6	De-identified patient number
5	D60CNT_D	Num	8	DAY 60 CONTACT DATE SAS DATE
6	D60DTH_D	Num	8	DAY 60 DEATH DATE SAS DATE