Data Set Name: aas.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	AA307A	Char	2		7a Number of sessions at NETT clinic
4	AA307B	Char	2		7b Number of sessions at satellite cent
5	AA308A	Char	2		8a Number of sessions led by NETT staff
6	AA308B	Char	2		8b Number of sessions led by satellite
7	AA309	Char	1		9 Was satellite used for any sessions?
8	AA313	Char	2		13 Number of days from item 12a to 12b
9	AA314	Char	1		14 Count in item 13 is 40-70?
10	AA325A	Char	2		25a Number of exercise sessions complete
11	AA325B	Char	1		25b At least 12 exercise sessions comple
12	AA326A	Char	2		26a Number of pyschosocial sessions done
13	AA326B	Char	1		26b At least 12 pyschosocial sessions do
14	AA327A	Char	1		27a Emphysema education
15	AA327B	Char	1		27b Medications education
16	AA327C	Char	1		27c Collaborative self-management educat
17	AA327D	Char	1		27d Oxygen therapy education
18	AA327E	Char	1		27e Breathing training
19	AA327F	Char	1		27f Secretion clearance and management
20	AA327G	Char	1		27g Stress management
21	AA327H	Char	1		27h Nutrition education
22	AA327I	Char	1		27i Travel and environmental issues
23	AA327J	Char	1		27j Sexuality and COPD
24	AA327K	Char	1		27k Energy conservation and ADL
25	AA327L	Char	1		27l Advanced directives
26	AA327M	Char	1		27m 1st other topic
27	AA327N	Char	1		27n 2nd other topic
28	AA327O	Char	1		27o 3rd other topic
29	AA327P	Char	1		27p 4th other topic
30	AA329	Char	1		29 Reason to declare patient ineligible
31	NEWNETT	Char	5		New NETT patient ID no.
32	FORMDATE	Num	8	BEST12.	#4 cnvrtd to #days from RZ/scr strt
33	AA311	Num	8	BEST12.	#11 cnvrtd to #days from RZ/scr strt
34	AA312A	Num	8	BEST12.	#12a cnvrtd to #days from RZ/scr strt
35	AA312B	Num	8	BEST12.	#12b cnvrtd to #days from RZ/scr strt
36	AA315	Num	8	BEST12.	#15 cnvrtd to #days from RZ/scr strt
37	AA316A	Num	8	BEST12.	#16a cnvrtd to #days from RZ/scr strt

Num	Variable	Type	Len	Format	Label
38	AA316B	Num	8	BEST12.	#16b cnvrtd to #days from RZ/scr strt
39	AA316C	Num	8	BEST12.	#16c cnvrtd to #days from RZ/scr strt
40	AA316D	Num	8	BEST12.	#16d cnvrtd to #days from RZ/scr strt
41	AA317A	Num	8	BEST12.	#17a cnvrtd to #days from RZ/scr strt
42	AA317B	Num	8	BEST12.	#17b cnvrtd to #days from RZ/scr strt
43	AA317C	Num	8	BEST12.	#17c cnvrtd to #days from RZ/scr strt
44	AA317D	Num	8	BEST12.	#17d cnvrtd to #days from RZ/scr strt
45	AA318A	Num	8	BEST12.	#18a cnvrtd to #days from RZ/scr strt
46	AA318B	Num	8	BEST12.	#18b cnvrtd to #days from RZ/scr strt
47	AA318C	Num	8	BEST12.	#18c cnvrtd to #days from RZ/scr strt
48	AA318D	Num	8	BEST12.	#18d cnvrtd to #days from RZ/scr strt
49	AA319A	Num	8	BEST12.	#19a cnvrtd to #days from RZ/scr strt
50	AA319B	Num	8	BEST12.	#19b cnvrtd to #days from RZ/scr strt
51	AA319C	Num	8	BEST12.	#19c cnvrtd to #days from RZ/scr strt
52	AA319D	Num	8	BEST12.	#19d cnvrtd to #days from RZ/scr strt
53	AA320	Num	8	BEST12.	#20 cnvrtd to #days from RZ/scr strt
54	AA321	Num	8	BEST12.	#21 cnvrtd to #days from RZ/scr strt
55	AA322	Num	8	BEST12.	#22 cnvrtd to #days from RZ/scr strt
56	AA323	Num	8	BEST12.	#23 cnvrtd to #days from RZ/scr strt
57	AA324	Num	8	BEST12.	#24 cnvrtd to #days from RZ/scr strt
58	AA325C	Num	8	BEST12.	#25c cnvrtd to #days from RZ/scr strt
59	AA325D	Num	8	BEST12.	#25d cnvrtd to #days from RZ/scr strt
60	AA325E	Num	8	BEST12.	#25e cnvrtd to #days from RZ/scr strt
61	AA325F	Num	8	BEST12.	#25f cnvrtd to #days from RZ/scr strt
62	AA325G	Num	8	BEST12.	#25g cnvrtd to #days from RZ/scr strt
63	AA325H	Num	8	BEST12.	#25h cnvrtd to #days from RZ/scr strt
64	AA325I	Num	8	BEST12.	#25i cnvrtd to #days from RZ/scr strt
65	AA325J	Num	8	BEST12.	#25j cnvrtd to #days from RZ/scr strt
66	AA325K	Num	8	BEST12.	#25k cnvrtd to #days from RZ/scr strt
67	AA325L	Num	8	BEST12.	#25l cnvrtd to #days from RZ/scr strt
68	AA325M	Num	8	BEST12.	#25m cnvrtd to #days from RZ/scr strt
69	AA325N	Num	8	BEST12.	#25n cnvrtd to #days from RZ/scr strt
70	AA325O	Num	8	BEST12.	#25o cnvrtd to #days from RZ/scr strt
71	AA325P	Num	8	BEST12.	#25p cnvrtd to #days from RZ/scr strt
72	AA325Q	Num	8	BEST12.	#25q cnvrtd to #days from RZ/scr strt
73	AA325R	Num	8	BEST12.	#25r cnvrtd to #days from RZ/scr strt
74	AA326C	Num	8	BEST12.	#26c cnvrtd to #days from RZ/scr strt
75	AA326D	Num	8	BEST12.	#26d cnvrtd to #days from RZ/scr strt
76	AA326E	Num	8	BEST12.	#26e cnvrtd to #days from RZ/scr strt

Num	Variable	Type	Len	Format	Label
77	AA326F	Num	8	BEST12.	#26f cnvrtd to #days from RZ/scr strt
78	AA326G	Num	8	BEST12.	#26g cnvrtd to #days from RZ/scr strt
79	AA326H	Num	8	BEST12.	#26h cnvrtd to #days from RZ/scr strt
80	AA326I	Num	8	BEST12.	#26i cnvrtd to #days from RZ/scr strt
81	AA326J	Num	8	BEST12.	#26j cnvrtd to #days from RZ/scr strt
82	AA326K	Num	8	BEST12.	#26k cnvrtd to #days from RZ/scr strt
83	AA326L	Num	8	BEST12.	#26l cnvrtd to #days from RZ/scr strt
84	AA326M	Num	8	BEST12.	#26m cnvrtd to #days from RZ/scr strt
85	AA326N	Num	8	BEST12.	#26n cnvrtd to #days from RZ/scr strt
86	AA326O	Num	8	BEST12.	#26o cnvrtd to #days from RZ/scr strt
87	AA326P	Num	8	BEST12.	#26p cnvrtd to #days from RZ/scr strt
88	AA326Q	Num	8	BEST12.	#26q cnvrtd to #days from RZ/scr strt
89	AA326R	Num	8	BEST12.	#26r cnvrtd to #days from RZ/scr strt
90	AA328	Num	8	BEST12.	#28 cnvrtd to #days from RZ/scr strt

Data Set Name: abs.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	AB207A	Char	2		7a No. of sessions at NETT clinic
4	AB207B	Char	2		7b No. of exercise sessions at satellit
5	AB208A	Char	2		8a No. of education sessions at NETT cl
6	AB208B	Char	2		8b No. of education sessions at satelli
7	AB209	Char	1		9 Satellite center used for rehab
8	AB211	Char	7		#11 cnvrtd to #days from RZ/scr strt
9	AB212	Char	7		#12 cnvrtd to #days from RZ/scr strt
10	AB213	Char	7		#13 cnvrtd to #days from RZ/scr strt
11	AB214A	Char	7		#14a cnvrtd to #days from RZ/scr strt
12	AB214B	Char	7		#14b cnvrtd to #days from RZ/scr strt
13	AB215A	Char	7		#15a cnvrtd to #days from RZ/scr strt
14	AB215B	Char	7		#15b cnvrtd to #days from RZ/scr strt
15	AB216A	Char	7		#16c cnvrtd to #days from RZ/scr strt
16	AB216B	Char	7		#16b cnvrtd to #days from RZ/scr strt
17	AB217A	Char	7		#17a cnvrtd to #days from RZ/scr strt
18	AB217B	Char	7		#17b cnvrtd to #days from RZ/scr strt
19	AB218A	Char	7		#18a cnvrtd to #days from RZ/scr strt
20	AB218B	Char	1		18b Date 1: type of session
21	AB218C	Char	7		#18c cnvrtd to #days from RZ/scr strt
22	AB218D	Char	1		18d Date 2: type of session
23	AB219A	Char	7		#19a cnvrtd to #days from RZ/scr strt
24	AB219B	Char	7		#19b cnvrtd to #days from RZ/scr strt
25	AB219C	Char	7		#19c cnvrtd to #days from RZ/scr strt
26	AB219D	Char	7		#19d cnvrtd to #days from RZ/scr strt
27	AB219E	Char	7		#19e cnvrtd to #days from RZ/scr strt
28	AB219F	Char	7		#19f cnvrtd to #days from RZ/scr strt
29	AB219G	Char	7		#19g cnvrtd to #days from RZ/scr strt
30	AB219H	Char	7		#19h cnvrtd to #days from RZ/scr strt
31	NEWNETT	Char	5		New NETT patient ID no.
32	FORMDATE	Num	8	BEST12.	item 4 cnvrtd to #days from RZ/scr strt

Data Set Name: ats.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	AT307	Char	1		7 Current residence
4	AT308	Char	1		8 Spoke with patient
5	AT312A	Char	1		12a Any endurance exercise past 7 days
6	AT312B	Char	2		12b Number of times exercised in past we
7	AT312C	Char	2		12c Length of exercise session (min)
8	AT313A	Char	1		13a Any flexibility exercise past 7 days
9	AT313B	Char	2		13b Times did flexibility exercise past
10	AT314A	Char	1		14a Upper extremity exercise in past 7 d
11	AT314B	Char	2		14b Times did upper extrem exercise past
12	AT315A	Char	1		15a Strength exercise in past 7 days
13	AT315B	Char	2		15b Times did strength exercise in past
14	AT316	Char	2		16 No. overnight hospital stays in past
15	AT317	Char	2		17 No. overnights in rehab hosp in past
16	AT318	Char	2		18 No. ER visits in past month
17	AT319	Char	2		19 No. visits to MD in past month
18	AT320	Char	2		20 No. visits at home by health profess
19	AT321	Char	2		21 No. visits at home by health care wo
20	AT322	Char	2		22 No. visits at home by health equipme
21	AT323	Char	1		23 Other visits with health care worker
22	AT324	Char	1		24 Illness caused family to restrict ac
23	AT325	Char	3		25 No. hrs family cared for patient in
24	AT326A	Char	1		26a Spoke with patient
25	AT326B	Char	1		26b Spoke with spouse
26	AT326C	Char	1		26c Spoke with other family member
27	AT326D	Char	1		26d Spoke with caregiver (non-family)
28	AT326E	Char	1		26e Spoke with staff at institution
29	AT326F	Char	1		26f Spoke with other
30	AT326G	Char	1		26g Spoke with no one about patient
31	AT327A	Char	1		27a Patient too sick
32	AT327B	Char	1		27b Patient refused
33	AT327C	Char	1		27c Patient temporarily away
34	AT327D	Char	1		27d Missed time window
35	AT327E	Char	1		27e Other
36	NEWNETT	Char	5		New NETT patient ID no.

Num	Variable	Type	Len	Format	Label
37	FORMDATE	Num	8	BEST12.	item 4 cnvrtd to #days from RZ/scr strt

Data Set Name: bus.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	BU207	Char	1		7 Blood collected for hematology
4	BU209A	Char	3		9a WBC
5	BU209B	Char	3		9b Hemoglobin (g/dL)
6	BU209C	Char	4		9c Platelets (10**9/L)
7	BU210A	Char	1		10a Creatinine
8	BU210B	Char	1		10b Total protein
9	BU210C	Char	1		10c Albumin
10	BU210D	Char	1		10d Glucose
11	BU210E	Char	1		10e AST (SGOT)
12	BU210F	Char	1		10f Alk phos
13	BU210G	Char	1		10g Total bilirubin
14	BU211	Char	1		11 Blood collected for plasma cotinine
15	BU213	Char	3		13 Plasma cotinine (ng/ml)
16	BU214	Char	1		14 Blood collected for A1AT testing
17	BU218	Char	1		18 Urine collected for analysis
18	BU220A	Char	1		20a Glucose
19	BU220B	Char	1		20b Protein
20	BU220C	Char	3		20c pH
21	BU220D	Char	4		20d Specific gravity
22	BU221	Char	1		21 s1 or s3 visit?
23	BU222	Char	1		22 Patient ineligible--blood/urine
24	A1ATCONC	Num	8	BEST12.	Concentration level (mg/dL)
25	A1ATPTYP	Char	4		Phenotype
26	NEWNETT	Char	5		New NETT patient ID no.
27	FORMDATE	Num	8	BEST12.	#4 cnvrtd to No. of days from RZ
28	BU208	Num	8	BEST12.	#8 cnvrtd to # of days frm RZ/scr strt
29	BU212	Num	8	BEST12.	#12 cnvrtd to # days frm RZ/scr strt
30	BU215	Num	8	BEST12.	#15 cnvrtd to # of days frm RZ/scr strt
31	BU219	Num	8	BEST12.	#19 cnvrtd to # of days frm RZ/scr strt

Data Set Name: drs.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	DR207	Char	7		#7 cnvrtd to No. of days frm RZ/scr strt
4	DR208A	Char	1		8a Patient's family
5	DR208B	Char	1		8b Friend
6	DR208C	Char	1		8c Health care provider or NETT staff
7	DR208D	Char	1		8d Newspaper
8	DR208E	Char	1		8d Funeral parlor/home
9	DR208F	Char	1		8f Medical record
10	DR208G	Char	1		8g Medical examiner
11	DR208H	Char	1		8h Coroner
12	DR208I	Char	1		8i Other
13	NEWNETT	Char	5		New NETT patient ID no.
14	FORMDATE	Num	8	BEST12.	#4 cnvrtd to No. of days frm RZ/scr strt

Data Set Name: ebs.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	EB207	Char	1		7 Patient suitable for the trial
4	EB208	Char	1		8 Consent form signed?
5	EB210	Char	2		#10: age<=51=00, age>=80=99
6	EB211	Char	1		11 Gender
7	EB213	Char	1		13 Retired or disabled?
8	EB214	Char	2		#14: retirement age<=40 coded as 00
9	EB216	Char	1		16 Reason for retiring
10	EB217	Char	1		17 Currently disabled
11	EB218	Char	1		18 Disabled due to emphysema?
12	EB220	Char	1		20 Currently employed
13	EB222	Char	2		22 Hours per week at work
14	EB223	Char	1		23 Occupational group
15	EB224	Char	1		24 Marital status
16	EB225	Char	1		25 Educational level
17	EB226	Char	1		26 Economic status
18	EB229A	Char	1		29a Staff at the center
19	EB229B	Char	1		29b Mailing from this center
20	EB229C	Char	1		29c Staff at another center
21	EB229D	Char	1		29d Newspaper
22	EB229E	Char	1		29e Radio
23	EB229F	Char	1		29f Television
24	EB229G	Char	1		29g Friend
25	EB229H	Char	1		29h Other
26	EB230	Char	1		30 Participated in pulm rehab program
27	EB232	Char	3		32 Duration of program (weeks)
28	EB233	Char	1		33 Ever smoked cigarettes
29	EB234	Char	1		34 Smoked cigarettes in past 120 days
30	EB235	Char	1		35 Smoked cigarettes regularly
31	EB236	Char	2		36 Age started smoking regularly
32	EB237	Char	2		37 Age stopped smoking (years)
33	EB238	Char	3		38 Avg no. cigarettes/day smoked
34	EB239	Char	1		39 Inhaled the cigarette smoke
35	EB240	Char	1		40 Ever smoked cigars/cigarillos
36	EB241	Char	1		41 Smoked cigars in past 120 days

Num	Variable	Type	Len	Format	Label
37	EB242	Char	1		42 Smoked cigars regularly
38	EB243	Char	2		43 Age started smoking cigars
39	EB244	Char	2		44 Age stopped smoking cigars
40	EB245	Char	3		45 Avg no cigars smoked per day
41	EB246	Char	1		46 Inhaled the cigar smoke
42	EB247	Char	1		47 Ever smoked a pipe
43	EB248	Char	1		48 Smoked a pipe in past 120 days
44	EB249	Char	1		49 Smoked a pipe regularly
45	EB250	Char	2		50 Age started smoking a pipe
46	EB251	Char	2		51 Age stopped smoking a pipe
47	EB252	Char	3		52 Avg no oz smoked per week
48	EB253	Char	1		53 Inhaled the pipe smoke
49	EB254	Char	1		54 Currently use nicotine products
50	EB259	Char	3		59 BMI (kg/m**2)
51	NEWNETT	Char	5		New NETT patient ID no.
52	FORMDATE	Num	8	BEST12.	#4 cnvrtd to #days frm RZ/scr strt

Data Set Name: ehs.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	EH307	Char	1		7 Smoked any tobacco products since S1
4	EH308A	Char	1		8a Clinically significant bronchiectasi
5	EH308B	Char	1		8b Pleural/interstitial disease
6	EH308C	Char	1		8c MI within 6 months and LVEF<45%
7	EH308D	Char	1		8d Congestive HF within 6 mos & LVEF<45
8	EH308E	Char	1		8e Uncontrolled hypertension
9	EH308F	Char	1		8f Resting bradycardia (<50 b/min)
10	EH308G	Char	1		8g Frequent multifocal PVCs
11	EH308H	Char	1		8h Complex ventricular arrhythmia
12	EH308I	Char	1		8i Sustanined SVT
13	EH308J	Char	1		8j Other cardiac dysrhythmia
14	EH308K	Char	1		8k History of exercise related syncope
15	EH308L	Char	1		8l Previous sternotomy/lobectomy
16	EH308M	Char	1		8m Previous lung volume reduction surge
17	EH308N	Char	1		8n Pulmonary nodule surgery
18	EH308O	Char	1		8o Giant bulla
19	EH308P	Char	1		8p Systemic disease/neoplasia affecting
20	EH308Q	Char	1		8q Dx/condition which may impair cooper
21	EH308R	Char	1		8r Unstable angina
22	EH309A	Char	1		9a Bilateral emphysema on CT scan
23	EH309B	Char	1		9b Diffuse emphysema unsuitable for LVR
24	EH310	Char	7		#10 cnvrtd to #days frm RZ/scr strt
25	EH311	Char	7		#11 cnvrtd to #days frm RZ/scr strt
26	EH312	Char	7		#12 cnvrtd to #days frm RZ/scr strt
27	EH313	Char	7		#13 cnvrtd to #days frm RZ/scr strt
28	EH315	Char	1		15 Run task or do worksheet?
29	EH316	Char	7		#16 cnvrtd to #days frm RZ/scr strt
30	EH317	Char	1		17 Task: any stops?
31	EH318	Char	1		18 SH worksheet: any stops?
32	EH319A	Char	1		19a No checked for item 17
33	EH319B	Char	1		19b No checked for item 18
34	EH319C	Char	1		19c Yes checked for item 17
35	EH319D	Char	1		19d Yes checked for item 18
36	EH319E	Char	1		19e Ineligible checked in items 7-14

Num	Variable	Type	Len	Format	Label
37	EH319F	Char	1		19f None of the above
38	EH320	Char	1		20 Consent for rehabilitation signed
39	EH321	Char	7		#21 cnvrtd to #days frm RZ/scr strt
40	EH322A	Char	3		22a Pre BD FEV1 (liters)
41	EH322B	Char	3		22b Post BD FEV1 (liters)
42	EH322C	Char	3		22c DLCO (ml/min/mmHg)
43	EH322D	Char	4		22d Post BD TLC (liters)
44	EH322E	Char	4		22e Post BD RV (liters)
45	EH322F	Char	2		22f PaCO2 on room air (mmHg)
46	EH322G	Char	3		22g PaO2 on room air (mmHg)
47	EH323AR	Char	1		23a Emphysema severity score:R upper zon
48	EH323AL	Char	1		23a Emphysema severity score:L upper zon
49	EH323BR	Char	1		23b Emphysema severity score:R middle zo
50	EH323BL	Char	1		23b Emphysema severity score:L middle zo
51	EH323CR	Char	1		23c Emphysema severity score:R lower zon
52	EH323CL	Char	1		23c Emphysema severity score:L lower zon
53	EH324A	Char	1		24a PFT a/o CT scan ineligibility
54	EH324B	Char	1		24b Items 7-14 ineligibility
55	EH324C	Char	1		24c Cotinine>13.7 ng/ml & not using nico
56	EH324D	Char	1		24d Carboxyhemoglobin>2.5% & using nicot
57	EH324E	Char	1		24e Other blood/urine exclusion
58	EH324F	Char	1		24f BMI>31.1(male) or >32.3(female)
59	EH324G	Char	1		24g Unplanned weight loss>10% usual weig
60	EH324H	Char	1		24h Excessive daily sputum
61	EH324I	Char	1		24i Unstable on <=20 mg prednisone
62	EH324J	Char	1		24j Exclusionary medical condition from
63	EH324K	Char	1		24k Exclusionary medical condition from
64	EH324L	Char	1		24l Exclusionary condition from cardiac
65	EH324M	Char	1		24m Cardiologist exclusion
66	EH324N	Char	1		24n Could not complete 6-minute walk tes
67	EH324O	Char	1		24o Other reason from 6-minute walk test
68	EH324P	Char	1		24p Could not complete 3-min unloaded pe
69	EH324Q	Char	1		24q Other reason based on exercise test
70	EH324R	Char	1		24r Trail Making Test exclusion
71	EH324S	Char	1		24s Time window exclusion
72	EH324T	Char	1		24t Other reason for exclusion
73	NEWNETT	Char	5		New NETT patient ID no.
74	FORMDATE	Num	8	BEST12.	#4 cnvrtd to #days frm RZ/scr strt

Data Set Name: ers.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	ER307	Char	1		7 Patient smoked any tobacco products
4	ER308	Char	1		8 BMI>31.1(men) or BMI>32.3(women)
5	ER309	Char	1		9 Patient stable on <= 20mg prednisone
6	ER310	Char	1		10 Any reason to exclude patient
7	ER311	Char	7		#11 cnvrtd to #days frm RZ/scr strt
8	ER312	Char	7		#12 cnvrtd to #days frm RZ/scr strt
9	ER313	Char	7		#13 cnvrtd to #days frm RZ/scr strt
10	ER314	Char	1		14 Any reason patient is ineligible?
11	ER315	Char	1		15 Surgeon judges patient ineligible
12	ER316	Char	1		16 Pulm MD judges patient ineligible
13	ER317	Char	1		17 Randomization task/worksheet done
14	ER318	Char	7		#18 cnvrtd to #days frm RZ/scr strt
15	ER319	Char	1		19 STOPS on Randomization task
16	ER320	Char	1		20 STOPS on Form SZ
17	ER321A	Char	1		21a NO checked for item 19
18	ER321B	Char	1		21b NO checked for item 20
19	ER321C	Char	1		21c YES checked for item 19
20	ER321D	Char	1		21d YES checked for item 20
21	ER321E	Char	1		21e Ineligible in items 7-16
22	ER321F	Char	1		21f None of the above
23	ER322	Char	1		22 Signed Consent for Randomization?
24	ER323	Char	1		23 Surgery can be done within 14 days?
25	ER324	Char	1		24 Clinic in contact with patient?
26	ER325	Char	1		25 Patient prepared to return to clinic
27	ER326	Char	1		26 Patient still consents to randomizat
28	ER327	Char	1		27 Ineligible conditions checked in 22-
29	ER328A	Char	1		28a Ineligible items checked in 7-27
30	ER328B	Char	1		28b Change in PFT and/or ABG from pre re
31	ER328C	Char	1		28c Cotinine >13.7 ng/ml, not using nico
32	ER328D	Char	1		28d Carboxyhemoglobin>2.5%, using nicoti
33	ER328E	Char	1		28e Rt heart catherization exclusion
34	ER328F	Char	1		28f Cardiologist exclusion
35	ER328G	Char	1		28g Walked < 140 meter on 6 min walk
36	ER328H	Char	1		28h Other s3/rz 6 min walk exclusion

Num	Variable	Type	Len	Format	Label
37	ER328I	Char	1		28i Could not complete 3 min unloaded pe
38	ER328J	Char	1		28j Other exercise test exclusion
39	ER328K	Char	1		28k s3/rz tests outside time window
40	ER328L	Char	1		28l Other reason for ineligibilty
41	ER220	Char	1		20 Any reason patient is ineligible?
42	ER221	Char	1		21 Any reason patient is ineligible?
43	NEWNETT	Char	5		New NETT patient ID no.
44	FORMDATE	Num	8	BEST12.	#4 cnvrtd to #days frm RZ/scr strt

Data Set Name: ess.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	ES107	Char	3		7 Barometric pressure
4	ES108A	Char	3		8a Temperature (degrees)
5	ES108B	Char	1		8b Temperature (scale)
6	ES109	Char	3		9 System valve dead space (ml)
7	ES110AMP	Char	1		10a 5minMP: Testing done 1=yes, 2=no
8	ES110AUN	Char	1		10a 3minUp: Testing done 1=yes, 2=no
9	ES110A1	Char	1		10a 1min: Testing done 1=yes, 2=no
10	ES110A2	Char	1		10a 2min: Testing done 1=yes, 2=no
11	ES110A3	Char	1		10a 3min: Testing done 1=yes, 2=no
12	ES110A4	Char	1		10a 4min: Testing done 1=yes, 2=no
13	ES110A5	Char	1		10a 5min: Testing done 1=yes, 2=no
14	ES110A6	Char	1		10a 6min: Testing done 1=yes, 2=no
15	ES110A7	Char	1		10a 7min: Testing done 1=yes, 2=no
16	ES110A8	Char	1		10a 8min: Testing done 1=yes, 2=no
17	ES110B1	Char	3		10b 1min: SpO2 (%)
18	ES110B2	Char	3		10b 2min: SpO2 (%)
19	ES110B3	Char	3		10b 3min: SpO2 (%)
20	ES110B4	Char	3		10b 4min: SpO2 (%)
21	ES110B5	Char	3		10b 5min: SpO2 (%)
22	ES110B6	Char	3		10b 6min: SpO2 (%)
23	ES110B7	Char	3		10b 7min: SpO2 (%)
24	ES110B8	Char	3		10b 8min: SpO2 (%)
25	ES110CMP	Char	3		10c 5minMP: PaO2 (mmHg)
26	ES110CUN	Char	3		10c 3minUp: PaO2 (mmHg)
27	ES110C1	Char	3		10c 1min: PaO2 (mmHg)
28	ES110C2	Char	3		10c 2min: PaO2 (mmHg)
29	ES110C3	Char	3		10c 3min: PaO2 (mmHg)
30	ES110C4	Char	3		10c 4min: PaO2 (mmHg)
31	ES110C5	Char	3		10c 5min: PaO2 (mmHg)
32	ES110C6	Char	3		10c 6min: PaO2 (mmHg)
33	ES110C7	Char	3		10c 7min: PaO2 (mmHg)
34	ES110C8	Char	3		10c 8min: PaO2 (mmHg)
35	ES110DMP	Char	2		10d 5minMP: PaCO2 (mmHg)
36	ES110DUN	Char	2		10d 3minUp: PaCO2 (mmHg)

Num	Variable	Type	Len	Format	Label
37	ES110D1	Char	2		10d 1min: PaCO2 (mmHg)
38	ES110D2	Char	2		10d 2min: PaCO2 (mmHg)
39	ES110D3	Char	2		10d 3min: PaCO2 (mmHg)
40	ES110D4	Char	2		10d 4min: PaCO2 (mmHg)
41	ES110D5	Char	2		10d 5min: PaCO2 (mmHg)
42	ES110D6	Char	2		10d 6min: PaCO2 (mmHg)
43	ES110D7	Char	2		10d 7min: PaCO2 (mmHg)
44	ES110D8	Char	2		10d 8min: PaCO2 (mmHg)
45	ES110EMP	Char	3		10e 5minMP: pH
46	ES110EUN	Char	3		10e 3minUp: pH
47	ES110E1	Char	3		10e 1min: pH
48	ES110E2	Char	3		10e 2min: pH
49	ES110E3	Char	3		10e 3min: pH
50	ES110E4	Char	3		10e 4min: pH
51	ES110E5	Char	3		10e 5min: pH
52	ES110E6	Char	3		10e 6min: pH
53	ES110E7	Char	3		10e 7min: pH
54	ES110E8	Char	3		10e 8min: pH
55	ES110FMP	Char	3		10f 5minMP: HCO3 (mEq/L)
56	ES110FUN	Char	3		10f 3minUp: HCO3 (mEq/L)
57	ES110F1	Char	3		10f 1min: HCO3 (mEq/L)
58	ES110F2	Char	3		10f 2min: HCO3 (mEq/L)
59	ES110F3	Char	3		10f 3min: HCO3 (mEq/L)
60	ES110F4	Char	3		10f 4min: HCO3 (mEq/L)
61	ES110F5	Char	3		10f 5min: HCO3 (mEq/L)
62	ES110F6	Char	3		10f 6min: HCO3 (mEq/L)
63	ES110F7	Char	3		10f 7min: HCO3 (mEq/L)
64	ES110F8	Char	3		10f 8min: HCO3 (mEq/L)
65	ES110GMP	Char	4		10g 5minMP: +/- BE
66	ES110GUN	Char	4		10g 3minUp: +/- BE
67	ES110G1	Char	4		10g 1min: +/- BE
68	ES110G2	Char	4		10g 2min: +/- BE
69	ES110G3	Char	4		10g 3min: +/- BE
70	ES110G4	Char	4		10g 4min: +/- BE
71	ES110G5	Char	4		10g 5min: +/- BE
72	ES110G6	Char	4		10g 6min: +/- BE
73	ES110G7	Char	4		10g 7min: +/- BE
74	ES110G8	Char	4		10g 8min: +/- BE
75	ES110HMP	Char	3		10h 5minMP: SaO2 (%)

Num	Variable	Type	Len	Format	Label
76	ES110HUN	Char	3		10h 3minUp: SaO2 (%)
77	ES110H1	Char	3		10h 1min: SaO2 (%)
78	ES110H2	Char	3		10h 2min: SaO2 (%)
79	ES110H3	Char	3		10h 3min: SaO2 (%)
80	ES110H4	Char	3		10h 4min: SaO2 (%)
81	ES110H5	Char	3		10h 5min: SaO2 (%)
82	ES110H6	Char	3		10h 6min: SaO2 (%)
83	ES110H7	Char	3		10h 7min: SaO2 (%)
84	ES110H8	Char	3		10h 8min: SaO2 (%)
85	ES110IMP	Char	4		10i 5minMP: FeCO2 (fraction)
86	ES110IUN	Char	4		10i 3minUp: FeCO2 (fraction)
87	ES110I1	Char	4		10i 1min: FeCO2 (fraction)
88	ES110I2	Char	4		10i 2min: FeCO2 (fraction)
89	ES110I3	Char	4		10i 3min: FeCO2 (fraction)
90	ES110I4	Char	4		10i 4min: FeCO2 (fraction)
91	ES110I5	Char	4		10i 5min: FeCO2 (fraction)
92	ES110I6	Char	4		10i 6min: FeCO2 (fraction)
93	ES110I7	Char	4		10i 7min: FeCO2 (fraction)
94	ES110I8	Char	4		10i 8min: FeCO2 (fraction)
95	ES110J1	Char	3		10j 1min: Ve (BTPS;L/min)
96	ES110J2	Char	3		10j 2min: Ve (BTPS;L/min)
97	ES110J3	Char	3		10j 3min: Ve (BTPS;L/min)
98	ES110J4	Char	3		10j 4min: Ve (BTPS;L/min)
99	ES110J5	Char	3		10j 5min: Ve (BTPS;L/min)
100	ES110J6	Char	3		10j 6min: Ve (BTPS;L/min)
101	ES110J7	Char	3		10j 7min: Ve (BTPS;L/min)
102	ES110J8	Char	3		10j 8min: Ve (BTPS;L/min)
103	ES110K1	Char	4		10k 1min: Vt (BTPS,L)
104	ES110K2	Char	4		10k 2min: Vt (BTPS,L)
105	ES110K3	Char	4		10k 3min: Vt (BTPS,L)
106	ES110K4	Char	4		10k 4min: Vt (BTPS,L)
107	ES110K5	Char	4		10k 5min: Vt (BTPS,L)
108	ES110K6	Char	4		10k 6min: Vt (BTPS,L)
109	ES110K7	Char	4		10k 7min: Vt (BTPS,L)
110	ES110K8	Char	4		10k 8min: Vt (BTPS,L)
111	ES110L1	Char	4		10l 1min: V CO2 (STDP;L/min)
112	ES110L2	Char	4		10l 2min: V CO2 (STDP;L/min)
113	ES110L3	Char	4		10l 3min: V CO2 (STDP;L/min)
114	ES110L4	Char	4		10l 4min: V CO2 (STDP;L/min)

Num	Variable	Type	Len	Format	Label
115	ES110L5	Char	4		10l 5min: V CO2 (STDP;L/min)
116	ES110L6	Char	4		10l 6min: V CO2 (STDP;L/min)
117	ES110L7	Char	4		10l 7min: V CO2 (STDP;L/min)
118	ES110L8	Char	4		10l 8min: V CO2 (STDP;L/min)
119	ES110MMP	Char	4		10m 5minMP: VO2 (STDP;L/min)
120	ES110MUN	Char	4		10m 3minUp: VO2 (STDP;L/min)
121	ES110M1	Char	4		10m 1min: VO2 (STDP;L/min)
122	ES110M2	Char	4		10m 2min: VO2 (STDP;L/min)
123	ES110M3	Char	4		10m 3min: VO2 (STDP;L/min)
124	ES110M4	Char	4		10m 4min: VO2 (STDP;L/min)
125	ES110M5	Char	4		10m 5min: VO2 (STDP;L/min)
126	ES110M6	Char	4		10m 6min: VO2 (STDP;L/min)
127	ES110M7	Char	4		10m 7min: VO2 (STDP;L/min)
128	ES110M8	Char	4		10m 8min: VO2 (STDP;L/min)
129	ES110N1	Char	3		10n 1min: Heart rate (beats/min)
130	ES110N2	Char	3		10n 2min: Heart rate (beats/min)
131	ES110N3	Char	3		10n 3min: Heart rate (beats/min)
132	ES110N4	Char	3		10n 4min: Heart rate (beats/min)
133	ES110N5	Char	3		10n 5min: Heart rate (beats/min)
134	ES110N6	Char	3		10n 6min: Heart rate (beats/min)
135	ES110N7	Char	3		10n 7min: Heart rate (beats/min)
136	ES110N8	Char	3		10n 8min: Heart rate (beats/min)
137	ES110O1	Char	2		10o 1min: Respiratory rate
138	ES110O2	Char	2		10o 2min: Respiratory rate
139	ES110O3	Char	2		10o 3min: Respiratory rate
140	ES110O4	Char	2		10o 4min: Respiratory rate
141	ES110O5	Char	2		10o 5min: Respiratory rate
142	ES110O6	Char	2		10o 6min: Respiratory rate
143	ES110O7	Char	2		10o 7min: Respiratory rate
144	ES110O8	Char	2		10o 8min: Respiratory rate
145	ES110P1	Char	3		10p 1min: SBP (mm Hg)
146	ES110P2	Char	3		10p 2min: SBP (mm Hg)
147	ES110P3	Char	3		10p 3min: SBP (mm Hg)
148	ES110P4	Char	3		10p 4min: SBP (mm Hg)
149	ES110P5	Char	3		10p 5min: SBP (mm Hg)
150	ES110P6	Char	3		10p 6min: SBP (mm Hg)
151	ES110P7	Char	3		10p 7min: SBP (mm Hg)
152	ES110P8	Char	3		10p 8min: SBP (mm Hg)
153	ES110Q1	Char	3		10q 1min: DBP (mm Hg)

Num	Variable	Type	Len	Format	Label
154	ES110Q2	Char	3		10q 2min: DBP (mm Hg)
155	ES110Q3	Char	3		10q 3min: DBP (mm Hg)
156	ES110Q4	Char	3		10q 4min: DBP (mm Hg)
157	ES110Q5	Char	3		10q 5min: DBP (mm Hg)
158	ES110Q6	Char	3		10q 6min: DBP (mm Hg)
159	ES110Q7	Char	3		10q 7min: DBP (mm Hg)
160	ES110Q8	Char	3		10q 8min: DBP (mm Hg)
161	ES110R1	Char	3		10r 1min: Borg (breathlessness)
162	ES110R2	Char	3		10r 2min: Borg (breathlessness)
163	ES110R3	Char	3		10r 3min: Borg (breathlessness)
164	ES110R4	Char	3		10r 4min: Borg (breathlessness)
165	ES110R5	Char	3		10r 5min: Borg (breathlessness)
166	ES110R6	Char	3		10r 6min: Borg (breathlessness)
167	ES110R7	Char	3		10r 7min: Borg (breathlessness)
168	ES110R8	Char	3		10r 8min: Borg (breathlessness)
169	ES110S1	Char	3		10s 1min: Borg (leg muscle fatigue)
170	ES110S2	Char	3		10s 2min: Borg (leg muscle fatigue)
171	ES110S3	Char	3		10s 3min: Borg (leg muscle fatigue)
172	ES110S4	Char	3		10s 4min: Borg (leg muscle fatigue)
173	ES110S5	Char	3		10s 5min: Borg (leg muscle fatigue)
174	ES110S6	Char	3		10s 6min: Borg (leg muscle fatigue)
175	ES110S7	Char	3		10s 7min: Borg (leg muscle fatigue)
176	ES110S8	Char	3		10s 8min: Borg (leg muscle fatigue)
177	ES110T1	Char	3		10t 1min: Load (watts)
178	ES110T2	Char	3		10t 2min: Load (watts)
179	ES110T3	Char	3		10t 3min: Load (watts)
180	ES110T4	Char	3		10t 4min: Load (watts)
181	ES110T5	Char	3		10t 5min: Load (watts)
182	ES110T6	Char	3		10t 6min: Load (watts)
183	ES110T7	Char	3		10t 7min: Load (watts)
184	ES110T8	Char	3		10t 8min: Load (watts)
185	ES110A9	Char	1		10a 9min: Testing done 1=yes, 2=no
186	ES110A10	Char	1		10a 10min: Testing done 1=yes, 2=no
187	ES110A11	Char	1		10a 11min: Testing done 1=yes, 2=no
188	ES110A12	Char	1		10a 12min: Testing done 1=yes, 2=no
189	ES110A13	Char	1		10a 13min: Testing done 1=yes, 2=no
190	ES110A14	Char	1		10a 14min: Testing done 1=yes, 2=no
191	ES110A15	Char	1		10a 15min: Testing done 1=yes, 2=no
192	ES110A16	Char	1		10a 16min: Testing done 1=yes, 2=no

Num	Variable	Type	Len	Format	Label
193	ES110A17	Char	1		10a 17min: Testing done 1=yes, 2=no
194	ES110A18	Char	1		10a 18min: Testing done 1=yes, 2=no
195	ES110B9	Char	3		10b 9min: SpO2 (%)
196	ES110B10	Char	3		10b 10bin: SpO2 (%)
197	ES110B11	Char	3		10b 11min: SpO2 (%)
198	ES110B12	Char	3		10b 12min: SpO2 (%)
199	ES110B13	Char	3		10b 13min: SpO2 (%)
200	ES110B14	Char	3		10b 14min: SpO2 (%)
201	ES110B15	Char	3		10b 15min: SpO2 (%)
202	ES110B16	Char	3		10b 16min: SpO2 (%)
203	ES110B17	Char	3		10b 17min: SpO2 (%)
204	ES110B18	Char	3		10b 18min: SpO2 (%)
205	ES110C9	Char	3		10c 9min: PaO2 (mmHg)
206	ES110C10	Char	3		10c 10cin: PaO2 (mmHg)
207	ES110C11	Char	3		10c 11min: PaO2 (mmHg)
208	ES110C12	Char	3		10c 12min: PaO2 (mmHg)
209	ES110C13	Char	3		10c 13min: PaO2 (mmHg)
210	ES110C14	Char	3		10c 14min: PaO2 (mmHg)
211	ES110C15	Char	3		10c 15min: PaO2 (mmHg)
212	ES110C16	Char	3		10c 16min: PaO2 (mmHg)
213	ES110C17	Char	3		10c 17min: PaO2 (mmHg)
214	ES110C18	Char	3		10c 18min: PaO2 (mmHg)
215	ES110D9	Char	2		10d 9min: PaCO2 (mmHg)
216	ES110D10	Char	2		10d 10din: PaCO2 (mmHg)
217	ES110D11	Char	2		10d 11min: PaCO2 (mmHg)
218	ES110D12	Char	2		10d 12min: PaCO2 (mmHg)
219	ES110D13	Char	2		10d 13min: PaCO2 (mmHg)
220	ES110D14	Char	2		10d 14min: PaCO2 (mmHg)
221	ES110D15	Char	2		10d 15min: PaCO2 (mmHg)
222	ES110D16	Char	2		10d 16min: PaCO2 (mmHg)
223	ES110D17	Char	2		10d 17min: PaCO2 (mmHg)
224	ES110D18	Char	2		10d 18min: PaCO2 (mmHg)
225	ES110E9	Char	3		10e 9min: pH
226	ES110E10	Char	3		10e 10ein: pH
227	ES110E11	Char	3		10e 11min: pH
228	ES110E12	Char	3		10e 12min: pH
229	ES110E13	Char	3		10e 13min: pH
230	ES110E14	Char	3		10e 14min: pH
231	ES110E15	Char	3		10e 15min: pH

Num	Variable	Type	Len	Format	Label
232	ES110E16	Char	3		10e 16min: pH
233	ES110E17	Char	3		10e 17min: pH
234	ES110E18	Char	3		10e 18min: pH
235	ES110F9	Char	3		10f 9min: HCO3 (mEq/L)
236	ES110F10	Char	3		10f 10fin: HCO3 (mEq/L)
237	ES110F11	Char	3		10f 11min: HCO3 (mEq/L)
238	ES110F12	Char	3		10f 12min: HCO3 (mEq/L)
239	ES110F13	Char	3		10f 13min: HCO3 (mEq/L)
240	ES110F14	Char	3		10f 14min: HCO3 (mEq/L)
241	ES110F15	Char	3		10f 15min: HCO3 (mEq/L)
242	ES110F16	Char	3		10f 16min: HCO3 (mEq/L)
243	ES110F17	Char	3		10f 17min: HCO3 (mEq/L)
244	ES110F18	Char	3		10f 18min: HCO3 (mEq/L)
245	ES110G9	Char	4		10g 9min: +/- BE
246	ES110G10	Char	4		10g 10gin: +/- BE
247	ES110G11	Char	4		10g 11min: +/- BE
248	ES110G12	Char	4		10g 12min: +/- BE
249	ES110G13	Char	4		10g 13min: +/- BE
250	ES110G14	Char	4		10g 14min: +/- BE
251	ES110G15	Char	4		10g 15min: +/- BE
252	ES110G16	Char	4		10g 16min: +/- BE
253	ES110G17	Char	4		10g 17min: +/- BE
254	ES110G18	Char	4		10g 18min: +/- BE
255	ES110H9	Char	3		10h 9min: SaO2 (%)
256	ES110H10	Char	3		10h 10hin: SaO2 (%)
257	ES110H11	Char	3		10h 11min: SaO2 (%)
258	ES110H12	Char	3		10h 12min: SaO2 (%)
259	ES110H13	Char	3		10h 13min: SaO2 (%)
260	ES110H14	Char	3		10h 14min: SaO2 (%)
261	ES110H15	Char	3		10h 15min: SaO2 (%)
262	ES110H16	Char	3		10h 16min: SaO2 (%)
263	ES110H17	Char	3		10h 17min: SaO2 (%)
264	ES110H18	Char	3		10h 18min: SaO2 (%)
265	ES110I9	Char	4		10i 9min: FeCO2 (fraction)
266	ES110I10	Char	4		10i 10min: FeCO2 (fraction)
267	ES110I11	Char	4		10i 11min: FeCO2 (fraction)
268	ES110I12	Char	4		10i 12min: FeCO2 (fraction)
269	ES110I13	Char	4		10i 13min: FeCO2 (fraction)
270	ES110I14	Char	4		10i 14min: FeCO2 (fraction)

Num	Variable	Type	Len	Format	Label
271	ES110I15	Char	4		10i 15min: FeCO2 (fraction)
272	ES110I16	Char	4		10i 16min: FeCO2 (fraction)
273	ES110I17	Char	4		10i 17min: FeCO2 (fraction)
274	ES110I18	Char	4		10i 18min: FeCO2 (fraction)
275	ES110J9	Char	3		10j 9min: Ve (BTPS;L/min)
276	ES110J10	Char	3		10j 10jin: Ve (BTPS;L/min)
277	ES110J11	Char	3		10j 11min: Ve (BTPS;L/min)
278	ES110J12	Char	3		10j 12min: Ve (BTPS;L/min)
279	ES110J13	Char	3		10j 13min: Ve (BTPS;L/min)
280	ES110J14	Char	3		10j 14min: Ve (BTPS;L/min)
281	ES110J15	Char	3		10j 15min: Ve (BTPS;L/min)
282	ES110J16	Char	3		10j 16min: Ve (BTPS;L/min)
283	ES110J17	Char	3		10j 17min: Ve (BTPS;L/min)
284	ES110J18	Char	3		10j 18min: Ve (BTPS;L/min)
285	ES110K9	Char	4		10k 9min: Vt (BTPS,L)
286	ES110K10	Char	4		10k 10min: Vt (BTPS,L)
287	ES110K11	Char	4		10k 11min: Vt (BTPS,L)
288	ES110K12	Char	4		10k 12min: Vt (BTPS,L)
289	ES110K13	Char	4		10k 13min: Vt (BTPS,L)
290	ES110K14	Char	4		10k 14min: Vt (BTPS,L)
291	ES110K15	Char	4		10k 15min: Vt (BTPS,L)
292	ES110K16	Char	4		12k 16min: Vt (BTPS,L)
293	ES110K17	Char	4		12k 17min: Vt (BTPS,L)
294	ES110K18	Char	4		12k 18min: Vt (BTPS,L)
295	ES110L9	Char	4		10l 9min: V CO2 (STDP;L/min)
296	ES110L10	Char	4		10l 10min: V CO2 (STDP;L/min)
297	ES110L11	Char	4		10l 11min: V CO2 (STDP;L/min)
298	ES110L12	Char	4		10l 12min: V CO2 (STDP;L/min)
299	ES110L13	Char	4		10l 13min: V CO2 (STDP;L/min)
300	ES110L14	Char	4		10l 14min: V CO2 (STDP;L/min)
301	ES110L15	Char	4		10l 15min: V CO2 (STDP;L/min)
302	ES110L16	Char	4		10l 16min: V CO2 (STDP;L/min)
303	ES110L17	Char	4		10l 17min: V CO2 (STDP;L/min)
304	ES110L18	Char	4		10l 18min: V CO2 (STDP;L/min)
305	ES110M9	Char	4		10m 9min: VO2 (STDP;L/min)
306	ES110M10	Char	4		10m 10min: VO2 (STDP;L/min)
307	ES110M11	Char	4		10m 11min: VO2 (STDP;L/min)
308	ES110M12	Char	4		10m 12min: VO2 (STDP;L/min)
309	ES110M13	Char	4		10m 13min: VO2 (STDP;L/min)

Num	Variable	Type	Len	Format	Label
310	ES110M14	Char	4		10m 14min: VO2 (STDP;L/min)
311	ES110M15	Char	4		10m 15min: VO2 (STDP;L/min)
312	ES110M16	Char	4		10m 16min: VO2 (STDP;L/min)
313	ES110M17	Char	4		10m 17min: VO2 (STDP;L/min)
314	ES110M18	Char	4		10m 18min: VO2 (STDP;L/min)
315	ES110N9	Char	3		10n 9min: Heart rate (beats/min)
316	ES110N10	Char	3		10n 10nin: Heart rate (beats/min)
317	ES110N11	Char	3		10n 11min: Heart rate (beats/min)
318	ES110N12	Char	3		10n 12min: Heart rate (beats/min)
319	ES110N13	Char	3		10n 13min: Heart rate (beats/min)
320	ES110N14	Char	3		10n 14min: Heart rate (beats/min)
321	ES110N15	Char	3		10n 15min: Heart rate (beats/min)
322	ES110N16	Char	3		10n 16min: Heart rate (beats/min)
323	ES110N17	Char	3		10n 17min: Heart rate (beats/min)
324	ES110N18	Char	3		10n 18min: Heart rate (beats/min)
325	ES110O9	Char	2		10o 9min: Respiratory rate
326	ES110O10	Char	2		10o 10oin: Respiratory rate
327	ES110O11	Char	2		10o 11min: Respiratory rate
328	ES110O12	Char	2		10o 12min: Respiratory rate
329	ES110O13	Char	2		10o 13min: Respiratory rate
330	ES110O14	Char	2		10o 14min: Respiratory rate
331	ES110O15	Char	2		10o 15min: Respiratory rate
332	ES110O16	Char	2		10o 16min: Respiratory rate
333	ES110O17	Char	2		10o 17min: Respiratory rate
334	ES110O18	Char	2		10o 18min: Respiratory rate
335	ES110P9	Char	3		10p 9min: SBP (mm Hg)
336	ES110P10	Char	3		10p 10pin: SBP (mm Hg)
337	ES110P11	Char	3		10p 11min: SBP (mm Hg)
338	ES110P12	Char	3		10p 12min: SBP (mm Hg)
339	ES110P13	Char	3		10p 13min: SBP (mm Hg)
340	ES110P14	Char	3		10p 14min: SBP (mm Hg)
341	ES110P15	Char	3		10p 15min: SBP (mm Hg)
342	ES110P16	Char	3		10p 16min: SBP (mm Hg)
343	ES110P17	Char	3		10p 17min: SBP (mm Hg)
344	ES110P18	Char	3		10p 18min: SBP (mm Hg)
345	ES110Q9	Char	3		10q 9min: DBP (mm Hg)
346	ES110Q10	Char	3		10q 10qin: DBP (mm Hg)
347	ES110Q11	Char	3		10q 11min: DBP (mm Hg)
348	ES110Q12	Char	3		10q 12min: DBP (mm Hg)

Num	Variable	Type	Len	Format	Label
349	ES110Q13	Char	3		10q 13min: DBP (mm Hg)
350	ES110Q14	Char	3		10q 14min: DBP (mm Hg)
351	ES110Q15	Char	3		10q 15min: DBP (mm Hg)
352	ES110Q16	Char	3		10q 16min: DBP (mm Hg)
353	ES110Q17	Char	3		10q 17min: DBP (mm Hg)
354	ES110Q18	Char	3		10q 18min: DBP (mm Hg)
355	ES110R9	Char	3		10r 9min: Borg (breathlessness)
356	ES110R10	Char	3		10r 10rin: Borg (breathlessness)
357	ES110R11	Char	3		10r 11min: Borg (breathlessness)
358	ES110R12	Char	3		10r 12min: Borg (breathlessness)
359	ES110R13	Char	3		10r 13min: Borg (breathlessness)
360	ES110R14	Char	3		10r 14min: Borg (breathlessness)
361	ES110R15	Char	3		10r 15min: Borg (breathlessness)
362	ES110R16	Char	3		10r 16min: Borg (breathlessness)
363	ES110R17	Char	3		10r 17min: Borg (breathlessness)
364	ES110R18	Char	3		10r 18min: Borg (breathlessness)
365	ES110S9	Char	3		10s 9min: Borg (leg muscle fatigue)
366	ES110S10	Char	3		10s 10sin: Borg (leg muscle fatigue)
367	ES110S11	Char	3		10s 11min: Borg (leg muscle fatigue)
368	ES110S12	Char	3		10s 12min: Borg (leg muscle fatigue)
369	ES110S13	Char	3		10s 13min: Borg (leg muscle fatigue)
370	ES110S14	Char	3		10s 14min: Borg (leg muscle fatigue)
371	ES110S15	Char	3		10s 15min: Borg (leg muscle fatigue)
372	ES110S16	Char	3		10s 16min: Borg (leg muscle fatigue)
373	ES110S17	Char	3		10s 17min: Borg (leg muscle fatigue)
374	ES110S18	Char	3		10s 18min: Borg (leg muscle fatigue)
375	ES110T9	Char	3		10t 9min: Load (watts)
376	ES110T10	Char	3		10t 10tin: Load (watts)
377	ES110T11	Char	3		10t 11min: Load (watts)
378	ES110T12	Char	3		10t 12min: Load (watts)
379	ES110T13	Char	3		10t 13min: Load (watts)
380	ES110T14	Char	3		10t 14min: Load (watts)
381	ES110T15	Char	3		10t 15min: Load (watts)
382	ES110T16	Char	3		10t 16min: Load (watts)
383	ES110T17	Char	3		10t 17min: Load (watts)
384	ES110T18	Char	3		10t 18min: Load (watts)
385	ES110A19	Char	1		10a 19min: Testing done 1=yes, 2=no
386	ES110A20	Char	1		10a 20min: Testing done 1=yes, 2=no
387	ES110A21	Char	1		10a 21min: Testing done 1=yes, 2=no

Num	Variable	Type	Len	Format	Label
388	ES110A22	Char	1		10a 22min: Testing done 1=yes, 2=no
389	ES110A23	Char	1		10a 23min: Testing done 1=yes, 2=no
390	ES110A24	Char	1		10a 24min: Testing done 1=yes, 2=no
391	ES110A25	Char	1		10a 25min: Testing done 1=yes, 2=no
392	ES110B19	Char	3		10b 19min: SpO2 (%)
393	ES110B20	Char	3		10b 20min: SpO2 (%)
394	ES110B21	Char	3		10b 21min: SpO2 (%)
395	ES110B22	Char	3		10b 22min: SpO2 (%)
396	ES110B23	Char	3		10b 23min: SpO2 (%)
397	ES110B24	Char	3		10b 24min: SpO2 (%)
398	ES110B25	Char	3		10b 25min: SpO2 (%)
399	ES110C19	Char	3		10c 19min: PaO2 (mmHg)
400	ES110C20	Char	3		10c 20min: PaO2 (mmHg)
401	ES110C21	Char	3		10c 21min: PaO2 (mmHg)
402	ES110C22	Char	3		10c 22min: PaO2 (mmHg)
403	ES110C23	Char	3		10c 23min: PaO2 (mmHg)
404	ES110C24	Char	3		10c 24min: PaO2 (mmHg)
405	ES110C25	Char	3		10c 25min: PaO2 (mmHg)
406	ES110D19	Char	2		10d 19min: PaCO2 (mmHg)
407	ES110D20	Char	2		10d 20min: PaCO2 (mmHg)
408	ES110D21	Char	2		10d 21min: PaCO2 (mmHg)
409	ES110D22	Char	2		10d 22min: PaCO2 (mmHg)
410	ES110D23	Char	2		10d 23min: PaCO2 (mmHg)
411	ES110D24	Char	2		10d 24min: PaCO2 (mmHg)
412	ES110D25	Char	2		10d 25min: PaCO2 (mmHg)
413	ES110E19	Char	3		10e 19min: pH
414	ES110E20	Char	3		10e 20min: pH
415	ES110E21	Char	3		10e 21min: pH
416	ES110E22	Char	3		10e 22min: pH
417	ES110E23	Char	3		10e 23min: pH
418	ES110E24	Char	3		10e 24min: pH
419	ES110E25	Char	3		10e 25min: pH
420	ES110F19	Char	3		10f 19min: HCO3 (mEq/L)
421	ES110F20	Char	3		10f 20min: HCO3 (mEq/L)
422	ES110F21	Char	3		10f 21min: HCO3 (mEq/L)
423	ES110F22	Char	3		10f 22min: HCO3 (mEq/L)
424	ES110F23	Char	3		10f 23min: HCO3 (mEq/L)
425	ES110F24	Char	3		10f 24min: HCO3 (mEq/L)
426	ES110F25	Char	3		10f 25min: HCO3 (mEq/L)

Num	Variable	Type	Len	Format	Label
427	ES110G19	Char	4		10g 19min: +/- BE
428	ES110G20	Char	4		10g 20min: +/- BE
429	ES110G21	Char	4		10g 21min: +/- BE
430	ES110G22	Char	4		10g 22min: +/- BE
431	ES110G23	Char	4		10g 23min: +/- BE
432	ES110G24	Char	4		10g 24min: +/- BE
433	ES110G25	Char	4		10g 25min: +/- BE
434	ES110H19	Char	3		10h 19min: SaO2 (%)
435	ES110H20	Char	3		10h 20min: SaO2 (%)
436	ES110H21	Char	3		10h 21min: SaO2 (%)
437	ES110H22	Char	3		10h 22min: SaO2 (%)
438	ES110H23	Char	3		10h 23min: SaO2 (%)
439	ES110H24	Char	3		10h 24min: SaO2 (%)
440	ES110H25	Char	3		10h 25min: SaO2 (%)
441	ES110I19	Char	4		10i 19min: FeCO2 (fraction)
442	ES110I20	Char	4		10i 20min: FeCO2 (fraction)
443	ES110I21	Char	4		10i 21min: FeCO2 (fraction)
444	ES110I22	Char	4		10i 22min: FeCO2 (fraction)
445	ES110I23	Char	4		10i 23min: FeCO2 (fraction)
446	ES110I24	Char	4		10i 24min: FeCO2 (fraction)
447	ES110I25	Char	4		10i 25min: FeCO2 (fraction)
448	ES110J19	Char	3		10j 19min: Ve (BTPS;L/min)
449	ES110J20	Char	3		10j 20min: Ve (BTPS;L/min)
450	ES110J21	Char	3		10j 21min: Ve (BTPS;L/min)
451	ES110J22	Char	3		10j 22min: Ve (BTPS;L/min)
452	ES110J23	Char	3		10j 23min: Ve (BTPS;L/min)
453	ES110J24	Char	3		10j 24min: Ve (BTPS;L/min)
454	ES110J25	Char	3		10j 25min: Ve (BTPS;L/min)
455	ES110AMX	Char	1		10a Max: Testing done 1=yes, 2=no
456	ES110CMX	Char	3		10c Max: PaO2 (mmHg)
457	ES110DMX	Char	2		10d Max: PaCO2 (mmHg)
458	ES110EMX	Char	3		10e Max: pH
459	ES110FMX	Char	3		10f Max: HCO3 (mEq/L)
460	ES110GMX	Char	4		10g Max: +/- BE
461	ES110HMX	Char	3		10h Max: SaO2 (%)
462	ES110IMX	Char	4		10i Max: FeCO2 (fraction)
463	ES110K19	Char	4		12k 19min: Vt (BTPS,L)
464	ES110K20	Char	4		12k 20min: Vt (BTPS,L)
465	ES110K21	Char	4		12k 21min: Vt (BTPS,L)

Num	Variable	Type	Len	Format	Label
466	ES110K22	Char	4		12k 22min: Vt (BTPS,L)
467	ES110K23	Char	4		12k 23min: Vt (BTPS,L)
468	ES110K24	Char	4		12k 24min: Vt (BTPS,L)
469	ES110K25	Char	4		12k 25min: Vt (BTPS,L)
470	ES110L19	Char	4		10l 19min: V CO2 (STDP;L/min)
471	ES110L20	Char	4		10l 20min: V CO2 (STDP;L/min)
472	ES110L21	Char	4		10l 21min: V CO2 (STDP;L/min)
473	ES110L22	Char	4		10l 22min: V CO2 (STDP;L/min)
474	ES110L23	Char	4		10l 23min: V CO2 (STDP;L/min)
475	ES110L24	Char	4		10l 24min: V CO2 (STDP;L/min)
476	ES110L25	Char	4		10l 25min: V CO2 (STDP;L/min)
477	ES110M19	Char	4		10m 19min: VO2 (STDP;L/min)
478	ES110M20	Char	4		10m 20min: VO2 (STDP;L/min)
479	ES110M21	Char	4		10m 21min: VO2 (STDP;L/min)
480	ES110M22	Char	4		10m 22min: VO2 (STDP;L/min)
481	ES110M23	Char	4		10m 23min: VO2 (STDP;L/min)
482	ES110M24	Char	4		10m 24min: VO2 (STDP;L/min)
483	ES110M25	Char	4		10m 25min: VO2 (STDP;L/min)
484	ES110N19	Char	3		10n 19min: Heart rate (beats/min)
485	ES110N20	Char	3		10n 20min: Heart rate (beats/min)
486	ES110N21	Char	3		10n 21min: Heart rate (beats/min)
487	ES110N22	Char	3		10n 22min: Heart rate (beats/min)
488	ES110N23	Char	3		10n 23min: Heart rate (beats/min)
489	ES110N24	Char	3		10n 24min: Heart rate (beats/min)
490	ES110N25	Char	3		10n 25min: Heart rate (beats/min)
491	ES110O19	Char	2		10o 19min: Respiratory rate
492	ES110O20	Char	2		10o 20min: Respiratory rate
493	ES110O21	Char	2		10o 21min: Respiratory rate
494	ES110O22	Char	2		10o 22min: Respiratory rate
495	ES110O23	Char	2		10o 23min: Respiratory rate
496	ES110O24	Char	2		10o 24min: Respiratory rate
497	ES110O25	Char	2		10o 25min: Respiratory rate
498	ES110P19	Char	3		10p 19min: SBP (mm Hg)
499	ES110P20	Char	3		10p 20min: SBP (mm Hg)
500	ES110P21	Char	3		10p 21min: SBP (mm Hg)
501	ES110P22	Char	3		10p 22min: SBP (mm Hg)
502	ES110P23	Char	3		10p 23min: SBP (mm Hg)
503	ES110P24	Char	3		10p 24min: SBP (mm Hg)
504	ES110P25	Char	3		10p 25min: SBP (mm Hg)

Num	Variable	Type	Len	Format	Label
505	ES110Q19	Char	3		10q 19min: DBP (mm Hg)
506	ES110Q20	Char	3		10q 20min: DBP (mm Hg)
507	ES110Q21	Char	3		10q 21min: DBP (mm Hg)
508	ES110Q22	Char	3		10q 22min: DBP (mm Hg)
509	ES110Q23	Char	3		10q 23min: DBP (mm Hg)
510	ES110Q24	Char	3		10q 24min: DBP (mm Hg)
511	ES110Q25	Char	3		10q 25min: DBP (mm Hg)
512	ES110R19	Char	3		10r 19min: Borg (breathlessness)
513	ES110R20	Char	3		10r 20min: Borg (breathlessness)
514	ES110R21	Char	3		10r 21min: Borg (breathlessness)
515	ES110R22	Char	3		10r 22min: Borg (breathlessness)
516	ES110R23	Char	3		10r 23min: Borg (breathlessness)
517	ES110R24	Char	3		10r 24min: Borg (breathlessness)
518	ES110R25	Char	3		10r 25min: Borg (breathlessness)
519	ES110S19	Char	3		10s 19min: Borg (leg muscle fatigue)
520	ES110S20	Char	3		10s 20min: Borg (leg muscle fatigue)
521	ES110S21	Char	3		10s 21min: Borg (leg muscle fatigue)
522	ES110S22	Char	3		10s 22min: Borg (leg muscle fatigue)
523	ES110S23	Char	3		10s 23min: Borg (leg muscle fatigue)
524	ES110S24	Char	3		10s 24min: Borg (leg muscle fatigue)
525	ES110S25	Char	3		10s 25min: Borg (leg muscle fatigue)
526	ES110T19	Char	3		10t 19min: Load (watts)
527	ES110T20	Char	3		10t 20min: Load (watts)
528	ES110T21	Char	3		10t 21min: Load (watts)
529	ES110T22	Char	3		10t 22min: Load (watts)
530	ES110T23	Char	3		10t 23min: Load (watts)
531	ES110T24	Char	3		10t 24min: Load (watts)
532	ES110T25	Char	3		10t 25min: Load (watts)
533	ES110MMX	Char	4		10m Max: VO2 (STDP;L/min)
534	NEWNETT	Char	5		New NETT patient ID no.
535	FORMDATE	Num	8	BEST12.	# 4 cnvrtd to #days from RZ/scr strt

Data Set Name: ews.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	EW108	Char	1		8 Initial s1/s2 exercise test session?
4	EW109	Char	4		9 Initial s1/s2 post BD MVV (L/min BTP
5	EW110	Char	1		10 Ramp rate for exercise test
6	EW111	Char	1		11 2+ hours since last meal
7	EW112	Char	1		Bronchodilator in past 4 hours
8	EW113	Char	1		13 Pulse oximeter manufacturer/model
9	EW114	Char	1		14 Pulse oximeter ECG-gated
10	EW115	Char	1		15 Pulse oximeter probe site
11	EW116A1	Char	1		16 5 min rest: test completed
12	EW116A2	Char	1		16 3 min unloaded: test completed
13	EW116A3	Char	1		16 Maximum: test completed
14	EW116B3	Char	2		16 Maximum: ramp rate
15	EW116C1	Char	3		16 5 min rest: SpO2 (%)
16	EW116C2	Char	3		16 3 min unloaded: SpO2 (%)
17	EW116C3	Char	3		16 Maximum: SpO2 (%)
18	EW116D1	Char	3		16 5 min rest: Ve (BTPS, L/min)
19	EW116D2	Char	3		16 3 min unloaded: Ve (BTPS, L/min)
20	EW116D3	Char	3		16 Maximum: Ve (BTPS, L/min)
21	EW116E1	Char	3		16 5 min rest: Vt (BTPS, L)
22	EW116E2	Char	3		16 3 min unloaded: Vt (BTPS, L)
23	EW116E3	Char	3		16 Maximum: Vt (BTPS, L)
24	EW116F1	Char	4		16 5 min rest: VCO2 (STPD, L/min)
25	EW116F2	Char	4		16 3 min unloaded: VCO2 (STPD, L/min)
26	EW116F3	Char	4		16 Maximum: VCO2 (STPD, L/min)
27	EW116G1	Char	3		16 5 min rest: heart rate (beats/min)
28	EW116G2	Char	3		16 3 min unloaded: heart rate (beats/mi
29	EW116G3	Char	3		16 Maximum: heart rate (beats/min)
30	EW116H1	Char	2		16 5 min rest: respiratory rate (breath
31	EW116H2	Char	2		16 3 min unloaded: respiratory rate (br
32	EW116H3	Char	2		16 Maximum: respiratory rate (breaths/m
33	EW116I1	Char	3		16 5 min rest: systolic BP (mmHg)
34	EW116I2	Char	3		16 3 min unloaded: systolic BP (mmHg)
35	EW116I3	Char	3		16 Maximum: systolic BP (mmHg)
36	EW116J1	Char	3		16 5 min rest: diastolic BP (mmHg)

Num	Variable	Type	Len	Format	Label
37	EW116J2	Char	3		16 3 min unloaded: diastolic BP (mmHg)
38	EW116J3	Char	3		16 Maximum: diastolic BP (mmHg)
39	EW116K1	Char	3		16 5 min rest: Borg breathlessness
40	EW116K2	Char	3		16 3 min unloaded: Borg breathlessness
41	EW116K3	Char	3		16 Maximum: Borg breathlessness
42	EW116L1	Char	3		16 5 min rest: Borg leg muscle fatigue
43	EW116L2	Char	3		16 3 min unloaded: Borg leg muscle fati
44	EW116L3	Char	3		16 Maximum: Borg leg muscle fatigue
45	EW116N	Char	1		16 BP measured by transducer or cuff
46	EW117	Char	1		17 Staff terminated test before end
47	EW118A	Char	1		18a Cadence dropped <40 rpm
48	EW118B	Char	1		18b Mental confusion
49	EW118C	Char	1		18c EKG arrhythmia
50	EW118D	Char	1		18d EKG ischemia
51	EW118E	Char	1		18e Elevated blood pressure
52	EW118F	Char	1		18f Low blood pressure
53	EW118G	Char	1		18g Other reason for termination
54	EW119A	Char	1		19a Dyspnea or SOB
55	EW119B	Char	1		19b Dizziness or lightheadedness
56	EW119C	Char	1		19c Chest pain
57	EW119D	Char	1		19d Leg fatigue
58	EW119E	Char	1		19e Leg cramps or leg pain
59	EW119F	Char	1		19f Other reason for termination
60	EW120	Char	1		20 Pre-randomization assessment
61	EW121	Char	1		21 Exercise test reason for exclusion
62	MAXWK	Num	8	BEST12.	Maximum: load (watts)
63	NEWNETT	Char	5		New NETT patient ID no.
64	FORMDATE	Num	8	BEST12.	#4 cnvrtd to #days from RZ/scr strt

Data Set Name: gas.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	GA108	Char	2		8 Visit consented patient consented to
4	NEWNETT	Char	5		New NETT patient ID no.
5	FORMDATE	Num	8	BEST12.	#4 converted to #days from RZ/scr strt

Data Set Name: hbs.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	HB307	Char	1		7 1st degree relatives have emphysema
4	HB308	Char	1		8 1st degree relatives have congenita
5	HB309	Char	1		9 1st degree relatives have asthma
6	HB310	Char	1		10 1st degree relatives have other lun
7	HB311	Char	1		11 Sputum -- clinically significant am
8	HB312	Char	3		12 Usual weight (lbs)
9	HB313	Char	2		13 10% of usual weight (lbs)
10	HB314	Char	3		14 No. lbs lost in past 3 months
11	HB315	Char	1		15 Lost >10% of weight in past 3 month
12	HB316	Char	1		16 Was weight loss planned?
13	HB318	Char	1		18 Weight loss exclusion?
14	HB319	Char	1		19 Frequency of alcohol use
15	HB320	Char	1		20 Sleep apnea dx in past 12 months
16	HB321	Char	1		21 Sleepy during day/working hours
17	HB322	Char	1		22 Snore loudly
18	HB323	Char	1		23 Current oral steroids
19	HB324	Char	1		24 Current inhaled steroids
20	HB325	Char	1		25 Current bronchodilators
21	HB326A	Char	1		26a Long-acting sympathomimetics
22	HB326B	Char	1		26b Short-acting sympathomimetics
23	HB326C	Char	1		26c Anticholinergics
24	HB326D	Char	1		26d Oral sympathomimetics
25	HB326E	Char	1		26e Theophylline
26	HB326F	Char	1		26f Other bronchodilator
27	HB327A	Char	1		27a Analgesics
28	HB327B	Char	1		27b Antacids
29	HB327C	Char	1		27c Antianxiety medications
30	HB327D	Char	1		27d Antiarrhythmics
31	HB327E	Char	1		27e Antibiotics
32	HB327F	Char	1		27f Anticoagulants
33	HB327G	Char	1		27g Antidepressants
34	HB327H	Char	1		27h Antifungals
35	HB327I	Char	1		27i Antihistamines
36	HB327J	Char	1		27j Antitussives

Num	Variable	Type	Len	Format	Label
37	HB327K	Char	1		27k Antihypertensives
38	HB327L	Char	1		27l Aspirin
39	HB327M	Char	1		27m Decongestants
40	HB327N	Char	1		27n Digitalis
41	HB327O	Char	1		27o Diuretics
42	HB327P	Char	1		27p Expectorants
43	HB327Q	Char	1		27q H2 blockers
44	HB327R	Char	1		27r Hormone replacement
45	HB327S	Char	1		27s Insulin
46	HB327T	Char	1		27t Mucolytics
47	HB327U	Char	1		27u Nasal steroids
48	HB327V	Char	1		27v Nitroglycerine
49	HB327W	Char	1		27w Non steroidal anti-inflammatory
50	HB327X	Char	1		27x Ophthalmic medications
51	HB327Y	Char	1		27y Oral beta blockers
52	HB327Z	Char	1		27z Sedatvies
53	HB327AA	Char	1		27aa Vitamins
54	HB327AB	Char	1		27ab Other type of medication
55	HB327AC	Char	1		27ac None
56	HB328	Char	1		28 Oxygen used at rest--not sleeping
57	HB330	Char	1		30 Oxygen used on exertion
58	HB332	Char	1		32 Oxygen used when sleeping
59	HB333	Char	2		33 Oxygen dose used (L/min)
60	HB334A	Char	1		34a None
61	HB334B	Char	1		34b Compressed gas (tanks)
62	HB334C	Char	1		34c Liquid
63	HB334D	Char	1		34d Concentrator
64	HB334E	Char	1		34e Other type of oxygen
65	HB335A	Char	1		35a Nasal cannula
66	HB335B	Char	1		35b Oxymizer
67	HB335C	Char	1		35c Pendant
68	HB335D	Char	1		35d Transtracheal
69	HB335E	Char	1		35e Pulse/demand delivery device
70	HB335F	Char	1		35f Other type of delivery device
71	HB336	Char	2		36 No. nights in hospital in past 3 mo
72	HB337	Char	2		37 No. nights in nonacute care in past
73	HB338	Char	2		38 No. times seen in ER in past 3 mos
74	HB339	Char	3		39 No. times seen MD in office in past
75	HB340	Char	3		40 No. times seen health care provider

Num	Variable	Type	Len	Format	Label
76	HB341	Char	3		41 No. times seen health care worker i
77	HB342	Char	3		42 No. times seen health equip tech in
78	HB343	Char	1		43 Other medical contacts in past 3mos
79	HB344	Char	1		44 Illness restricted family activitie
80	HB345	Char	3		45 Hrs in past week of help from famil
81	NEWNETT	Char	5		New NETT patient ID no.
82	FORMDATE	Num	8	BEST12.	#4 cnvrtd to #days from RZ/scr strt

Data Set Name: hfs.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	HF407	Char	1		7 Resting EKG obtained
4	HF409	Char	1		9 EKG findings
5	HF410	Char	1		10 Echocardiogram obtained
6	HF412	Char	1		12 Mean RA pressure/tricuspid peak syst
7	HF413	Char	1		13 Rt heart cath should be done?
8	HF414	Char	1		14 Estimated mean RA pressure
9	HF415	Char	2		15 Estimated tricuspid systolic peak ve
10	HF416	Char	2		16 Calculated peak systolic PPA
11	HF417	Char	1		17 S1 assessment?
12	HF418	Char	1		18 Peak systolic PPA >=45 mmHg
13	HF419	Char	1		19 Can LVEF be estimated?
14	HF420	Char	1		20 Estimated LVEF
15	HF421	Char	1		21 Dobutamine-radionuclide scan done
16	HF423	Char	1		23 Indication of coronary disease?
17	HF424	Char	1		24 Right heart catheterization done
18	HF426A	Char	2		26a Measured RA mean pressure (mmHg)
19	HF426BS	Char	1		26b Sign - measured systolic RV pressure
20	HF426B	Char	2		26b Measured systolic RV pressure (mmHg)
21	HF426C	Char	2		26c Measured diastolic RV pressure (mmHg
22	HF426D	Char	2		26d Measured systolic PA pressure (mmHg)
23	HF426E	Char	2		26e Measured diastolic PA pressure (mmHg
24	HF426F	Char	2		26f Measured mean PA pressure (mmHg)
25	HF426G	Char	3		26g Measured PA occlusion pressure (mmHg
26	HF426H	Char	3		26h Measured cardiac output (l/min)
27	HF426I	Char	3		26i Calculated PVR (dynes/sec/cm -5)
28	HF427	Char	1		27 Measured peak systolic PA<45 mmHg
29	HF428	Char	1		28 Measured mean PA pressure<35 mmHg
30	HF429	Char	1		29 Patient ineligible - catherization r
31	HF430	Char	1		30 Evaluation by cardiologist done
32	HF432A	Char	1		32a ECG abnormality
33	HF432B	Char	1		32b Lft ventricular ejection fraction <4
34	HF432C	Char	1		32c Dobutamine-radionuclide scan finding
35	HF432D	Char	1		32d S3 gallop on physical exam
36	HF432E	Char	1		32e >5 premature ventricular beats noted

Num	Variable	Type	Len	Format	Label
37	HF432F	Char	1		32f Unstable angina
38	HF432G	Char	1		32g Other reason for evaluation
39	HF433	Char	1		33 Cardiologist's findings
40	NEWNETT	Char	5		New NETT patient ID no.
41	FORMDATE	Num	8	BEST12.	#4 converted to No. of days from RZ
42	HF408	Num	8	BEST12.	#8 cnvrtd to #days from RZ/scr strt
43	HF411	Num	8	BEST12.	#11 cnvrtd to #days from RZ/scr strt
44	HF422	Num	8	BEST12.	#22 cnvrtd to #days from RZ/scr strt
45	HF425	Num	8	BEST12.	#25 cnvrtd to #days from RZ/scr strt
46	HF431	Num	8	BEST12.	#31 cnvrtd to #days from RZ/scr strt

Data Set Name: his.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	HI307	Char	7		#7 cnvrtd to $#days from RZ/scr strt
4	HI308	Char	3		8 Visit code of last history form
5	HI309	Char	7		#9 cnvrtd to #days from RZ/scr strt
6	HI310	Char	7		#10 cnvrtd to #days from RZ/scr strt
7	HI311	Char	1		11 Current residence
8	HI313	Char	3		13 No. of nights in hospital
9	HI314	Char	3		14 No. of nights in non-acute facility
10	HI315	Char	3		15 No. of visits to ER
11	HI316	Char	3		16 No. of visits to physician
12	HI317	Char	3		17 No. of home visits by health care p
13	HI318	Char	3		18 No. of home visits by health care w
14	HI319	Char	3		19 No. of home visits by equipment tec
15	HI320	Char	1		20 Visits by other health care workers
16	HI321	Char	1		21 Family activities restricted
17	HI322	Char	3		22 Hours family spent caring for patie
18	HI324	Char	1		24 Smoked since item 10 date
19	HI325	Char	1		25 Patient using any nicotine products
20	HI326	Char	1		26 Health problems since last visit
21	HI327	Char	1		27 Currently taking oral steroids
22	HI328	Char	1		28 Currently taking inhaled steroids
23	HI329	Char	1		29 Currently using bronchodilators
24	HI330A	Char	1		30a Long-acting sympathomimetics
25	HI330B	Char	1		30b Short-acting sympathomimetics
26	HI330C	Char	1		30c Anticholinergics
27	HI330D	Char	1		30d Oral sympathomimetics
28	HI330E	Char	1		30e Theophylline
29	HI330F	Char	1		30f Other bronchodilator
30	HI331A	Char	1		31a Analgesics
31	HI331B	Char	1		31b Antacids
32	HI331C	Char	1		31c Antianxiety medications
33	HI331D	Char	1		31d Antiarrhythmics
34	HI331E	Char	1		31e Antibiotics
35	HI331F	Char	1		31f Anticoagulants
36	HI331G	Char	1		31g Antidepressants

Num	Variable	Type	Len	Format	Label
37	HI331H	Char	1		31h Antifungals
38	HI331I	Char	1		31i Antihistamines
39	HI331J	Char	1		31j Antitussives
40	HI331K	Char	1		31k Antihypertensives
41	HI331L	Char	1		31l Aspirin
42	HI331M	Char	1		31m Decongestants
43	HI331N	Char	1		31n Digitalis
44	HI331O	Char	1		31o Diuretics
45	HI331P	Char	1		31p Expectorants
46	HI331Q	Char	1		31q H2 blockers
47	HI331R	Char	1		31r Hormone replacement
48	HI331S	Char	1		31s Insulin
49	HI331T	Char	1		31t Mucolytics
50	HI331U	Char	1		31u Nasal steroids
51	HI331V	Char	1		31v Nitroglycerine
52	HI331W	Char	1		31w Non steroidal anti-inflammatory
53	HI331X	Char	1		31x Ophthalmic medications
54	HI331Y	Char	1		31y Oral beta blockers
55	HI331Z	Char	1		31z Sedatvies
56	HI331AA	Char	1		31aa Vitamins
57	HI331AB	Char	1		31ab Other type of medication
58	HI331AC	Char	1		31ac None
59	HI332	Char	1		32 Use oxygen at rest (not sleeping)
60	HI334	Char	1		34 Use oxygen on exertion
61	HI336	Char	1		36 Use oxygen when sleeping
62	HI337	Char	2		37 Dose O2 used when sleeping
63	HI338A	Char	1		38a None
64	HI338B	Char	1		38b Compressed gas (tanks)
65	HI338C	Char	1		38c Liquid
66	HI338D	Char	1		38d Concentrator
67	HI338E	Char	1		38e Other
68	HI339A	Char	1		39a Nasal cannula
69	HI339B	Char	1		39b Oxymizer
70	HI339C	Char	1		39c Pendant
71	HI339D	Char	1		39d Transtracheal
72	HI339E	Char	1		39e Pulse/demand delivery device
73	HI339F	Char	1		39f Other type of delivery device
74	NEWNETT	Char	5		New NETT patient ID no.
75	FORMDATE	Num	8	BEST12.	#4 cnvrtd to #days from RZ/scr strt

Data Set Name: iacparam.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		Visit code: s1, f06, or f36
2	WPE950	Num	8	BEST12.	% emphysema in whole lung at -950
3	WPE960	Num	8	BEST12.	% emphysema in whole lung at -960
4	WCPE950	Num	8	BEST12.	% emphysema in core at -950
5	WCPE960	Num	8	BEST12.	% emphysema in core at -960
6	WPPE950	Num	8	BEST12.	% emphysema in peel at -950
7	WPPE960	Num	8	BEST12.	% emphysema in peel at -960
8	WA950	Num	8	BEST12.	Alpha at -950 for whole lung
9	DA950	Num	8	BEST12.	Alpha diff at -950,(RU+LU)-(RL+LL)
10	IDA950	Num	8	BEST12.	Binary -950alpha dif,1=up lob pred,0=oth
11	WRCP950	Num	8	BEST12.	Core/peel ratio of % emph at -950
12	WRCP960	Num	8	BEST12.	Core/peel ratio of % emph at -960
13	RUL950	Num	8	BEST12.	Upper/lower ratio of % emph at -950
14	DUL950	Num	8	BEST12.	Upper-lower diff in % emph at -950
15	IDUL950	Num	8	BEST12.	BinU-Ldiff,%emph,-950,1=uplob pred,0=oth
16	RUL960	Num	8	BEST12.	Upper/lower ratio of % emph at -960
17	DUL960	Num	8	BEST12.	Upper-lower diff in % emph at -960
18	IDUL960	Num	8	BEST12.	BinU-Ldiff,%emph,-960,1=uplob pred,0=oth
19	NEWNETT	Char	5		New NETT patient ID no.

Data Set Name: inelig.sas7bdat

Num	Variable	Type	Len	Format	Label
1	INEL1	Num	8	BEST12.	PFT and/or CT scan
2	INEL2	Num	8	BEST12.	Smoking
3	INEL3	Num	8	BEST12.	Bronchietasis
4	INEL4	Num	8	BEST12.	Pleural/interstitial disease
5	INEL5	Num	8	BEST12.	Pulmonary nodule
6	INEL6	Num	8	BEST12.	MI or CHF
7	INEL7	Num	8	BEST12.	Other cardiac
8	INEL8	Num	8	BEST12.	Hypertension
9	INEL9	Num	8	BEST12.	Cardiac dysrhthmia
10	INEL10	Num	8	BEST12.	Previous thoracotomy
11	INEL11	Num	8	BEST12.	Laser or LVRS
12	INEL12	Num	8	BEST12.	Syncope
13	INEL13	Num	8	BEST12.	6 min walk or exercise
14	INEL14	Num	8	BEST12.	Hx/physical exam
15	INEL15	Num	8	BEST12.	Blood/urine
16	INEL16	Num	8	BEST12.	BMI
17	INEL17	Num	8	BEST12.	Weight loss
18	INEL18	Num	8	BEST12.	Sputum
19	INEL19	Num	8	BEST12.	Prednisone
20	INEL20	Num	8	BEST12.	Other disease
21	INEL21	Num	8	BEST12.	Physician/surgeon judgement
22	INEL22	Num	8	BEST12.	Current illness
23	INEL23	Num	8	BEST12.	Giant bulla
24	INEL24	Num	8	BEST12.	Refused procedure/rz
25	INEL25	Num	8	BEST12.	Unable to complete PFTs
26	INEL26	Num	8	BEST12.	Needed >6 liter O2
27	INEL27	Num	8	BEST12.	Insurance issues
28	INEL28	Num	8	BEST12.	Deceased
29	INEL29	Num	8	BEST12.	Time window issues
30	INEL30	Num	8	BEST12.	Participating in other study
31	NEWNETT	Char	5		New NETT patient ID no.

Data Set Name: jas.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	JA107	Char	2		7 Contact patient about closeout
4	JA108	Char	1		8 Informed about end of original follo
5	JA109	Char	1		9 Invited to followup extension
6	JA110	Char	1		10 Informed about possible contact
7	JA111	Char	1		11 Informed about how to hear NETT resu
8	JA112	Char	1		12 Informed about how to hear MEDICARE
9	NEWNETT	Char	5		New NETT patient ID no.
10	FORMDATE	Num	8	BEST12.	#4 cnvrtd to #days frm RZ/scr strt

Data Set Name: lcore.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		Visit s1,f06-6mosaftrRZ,f36-36mos aftrRZ
2	HISTOLEF	Num	8	BEST12.	
3	SLICETHI	Char	14		Slice thickness
4	INTERCEP	Num	8	BEST12.	Value used to convert voxels into HU
5	VXSIZE	Num	8	BEST12.	Voxel size
6	ENTITYVE	Char	18		Histogram pgm version number
7	TOTVX	Num	8	BEST12.	Total number of voxels in a region
8	BE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
9	BE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
10	BE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
11	BE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
12	BE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
13	BE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
14	BE900	Num	8	BEST12.	No. of voxels below -900 HU in a region
15	BE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
16	BE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
17	BE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
18	BE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
19	BE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
20	BE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
21	BE640	Num	8	BEST12.	No. of voxels below -640 HU in a region
22	BE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
23	BE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
24	AE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
25	AE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
26	AE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
27	AE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
28	AE250	Num	8	BEST12.	No. of voxels above -250 HU in a region
29	MEAN	Num	8	BEST12.	Mean
30	MED	Num	8	BEST12.	Median
31	VAR	Num	8	BEST12.	Variance
32	SD	Num	8	BEST12.	Standard deviation
33	SKEW	Num	8	BEST12.	Skewness
34	KURT	Num	8	BEST12.	Kurtosis
35	FWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
36	AIRV	Num	8	BEST12.	Volume of region that is air (ml)

Num	Variable	Type	Len	Format	Label
37	TISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
38	TOTV	Num	8	BEST12.	Total volume of region (cubic ml)
39	KNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
40	KSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
41	KINT	Num	8	BEST12.	Knee intercept
42	ANKL	Num	8	BEST12.	Ankle
43	ASLP	Num	8	BEST12.	Ankle slope
44	AINT	Num	8	BEST12.	Ankle intercept
45	CCUTOFF	Num	8	BEST12.	See IAC Scan Analysis variables listing
46	CVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
47	CVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
48	CVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
49	CVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
50	CVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
51	CVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
52	CVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
53	CVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
54	LTOTVX	Num	8	BEST12.	Total number of voxels in a region
55	LBE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
56	LBE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
57	LBE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
58	LBE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
59	LBE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
60	LBE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
61	LBE900	Num	8	BEST12.	No. of voxels below -900 HU in a region
62	LBE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
63	LBE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
64	LBE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
65	LBE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
66	LBE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
67	LBE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
68	LBE640	Num	8	BEST12.	No. of voxels below -640 HU in a region
69	LBE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
70	LBE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
71	LAE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
72	LAE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
73	LAE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
74	LAE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
75	LAE250	Num	8	BEST12.	No. of voxels above -250 HU in a region

Num	Variable	Type	Len	Format	Label
76	LMEAN	Num	8	BEST12.	Mean
77	LMED	Num	8	BEST12.	Median
78	LVAR	Num	8	BEST12.	Variance
79	LSD	Num	8	BEST12.	Standard deviation
80	LSKEW	Num	8	BEST12.	Skewness
81	LKURT	Num	8	BEST12.	Kurtosis
82	LFWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
83	LAIRV	Num	8	BEST12.	Volume of region that is air (ml)
84	LTISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
85	LTOTV	Num	8	BEST12.	Total volume of region (cubic ml)
86	LKNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
87	LKSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
88	LKINT	Num	8	BEST12.	Knee intercept
89	LANKL	Num	8	BEST12.	Ankle
90	LASLP	Num	8	BEST12.	Ankle slope
91	LAINT	Num	8	BEST12.	Ankle intercept
92	LCVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
93	LCVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
94	LCVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
95	LCVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
96	LCVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
97	LCVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
98	LCVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
99	LCVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
100	MTOTVX	Num	8	BEST12.	Total number of voxels in a region
101	MBE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
102	MBE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
103	MBE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
104	MBE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
105	MBE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
106	MBE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
107	MBE900	Num	8	BEST12.	No. of voxels below -900 HU in a region
108	MBE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
109	MBE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
110	MBE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
111	MBE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
112	MBE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
113	MBE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
114	MBE640	Num	8	BEST12.	No. of voxels below -640 HU in a region

Num	Variable	Type	Len	Format	Label
115	MBE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
116	MBE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
117	MAE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
118	MAE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
119	MAE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
120	MAE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
121	MAE250	Num	8	BEST12.	No. of voxels above -250 HU in a region
122	MMEAN	Num	8	BEST12.	Mean
123	MMED	Num	8	BEST12.	Median
124	MVAR	Num	8	BEST12.	Variance
125	MSD	Num	8	BEST12.	Standard deviation
126	MSKEW	Num	8	BEST12.	Skewness
127	MKURT	Num	8	BEST12.	Kurtosis
128	MFWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
129	MAIRV	Num	8	BEST12.	Volume of region that is air (ml)
130	MTISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
131	MTOTV	Num	8	BEST12.	Total volume of region (cubic ml)
132	MKNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
133	MKSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
134	MKINT	Num	8	BEST12.	Knee intercept
135	MANKL	Num	8	BEST12.	Ankle
136	MASLP	Num	8	BEST12.	Ankle slope
137	MAINT	Num	8	BEST12.	Ankle intercept
138	MCVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
139	MCVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
140	MCVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
141	MCVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
142	MCVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
143	MCVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
144	MCVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
145	MCVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
146	UTOTVX	Num	8	BEST12.	Total number of voxels in a region
147	UBE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
148	UBE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
149	UBE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
150	UBE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
151	UBE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
152	UBE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
153	UBE900	Num	8	BEST12.	No. of voxels below -900 HU in a region

Num	Variable	Type	Len	Format	Label
154	UBE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
155	UBE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
156	UBE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
157	UBE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
158	UBE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
159	UBE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
160	UBE640	Num	8	BEST12.	No. of voxels below -640 HU in a region
161	UBE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
162	UBE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
163	UAE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
164	UAE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
165	UAE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
166	UAE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
167	UAE250	Num	8	BEST12.	No. of voxels above -250 HU in a region
168	UMEAN	Num	8	BEST12.	Mean
169	UMED	Num	8	BEST12.	Median
170	UVAR	Num	8	BEST12.	Variance
171	USD	Num	8	BEST12.	Standard deviation
172	USKEW	Num	8	BEST12.	Skewness
173	UKURT	Num	8	BEST12.	Kurtosis
174	UFWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
175	UAIRV	Num	8	BEST12.	Volume of region that is air (ml)
176	UTISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
177	UTOTV	Num	8	BEST12.	Total volume of region (cubic ml)
178	UKNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
179	UKSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
180	UKINT	Num	8	BEST12.	Knee intercept
181	UANKL	Num	8	BEST12.	Ankle
182	UASLP	Num	8	BEST12.	Ankle slope
183	UAINT	Num	8	BEST12.	Ankle intercept
184	UCVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
185	UCVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
186	UCVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
187	UCVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
188	UCVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
189	UCVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
190	UCVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
191	UCVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
192	HU10	Num	8	BEST12.	HU value below which 10% of voxels fall

Num	Variable	Type	Len	Format	Label
193	HU15	Num	8	BEST12.	HU value below which 15% of voxels fall
194	HU20	Num	8	BEST12.	HU value below which 20% of voxels fall
195	LHU10	Num	8	BEST12.	HU value below which 10% of voxels fall
196	LHU15	Num	8	BEST12.	HU value below which 15% of voxels fall
197	LHU20	Num	8	BEST12.	HU value below which 20% of voxels fall
198	MHU10	Num	8	BEST12.	HU value below which 10% of voxels fall
199	MHU15	Num	8	BEST12.	HU value below which 15% of voxels fall
200	MHU20	Num	8	BEST12.	HU value below which 20% of voxels fall
201	UHU10	Num	8	BEST12.	HU value below which 10% of voxels fall
202	UHU15	Num	8	BEST12.	HU value below which 15% of voxels fall
203	UHU20	Num	8	BEST12.	HU value below which 20% of voxels fall
204	PASSVER	Char	13		
205	NEWNETT	Char	5		New NETT patient ID no.
206	SCANDATE	Num	8	BEST12.	scandate cnvrtd to #days frm RZ/scr strt
207	HLCREATE	Num	8	BEST12.	hlcreate cnvrtd to #days frm RZ/scr strt

Data Set Name: lhole.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		Visit s1,f06-6mosaftrRZ,f36-36mos aftrRZ
2	LEFTWHOL	Num	8	BEST12.	
3	SLICETHI	Char	14		Slice thickness
4	INTERCEP	Num	8	BEST12.	Value used to convert voxels into HU
5	VXSIZE	Num	8	BEST12.	Voxel size
6	ENTITYVE	Char	18		Hole pgm version number
7	CUTOFF_1	Num	8	BEST12.	At -950, see IAC Scan Analysis vbl list
8	ALPHA_1	Num	8	BEST12.	At -950, see IAC Scan Analysis vbl list
9	C1_1	Num	8	BEST12.	Y intercept at -950
10	CUTOFF_2	Num	8	BEST12.	At -930, see IAC Scan Analysis vbl list
11	ALPHA_2	Num	8	BEST12.	At -930, see IAC Scan Analysis vbl list
12	C1_2	Num	8	BEST12.	Y intercept at -930
13	CUTOFF_3	Num	8	BEST12.	At -910, see IAC Scan Analysis vbl list
14	ALPHA_3	Num	8	BEST12.	At -910, see IAC Scan Analysis vbl list
15	C1_3	Num	8	BEST12.	Y intercept at -910
16	CUTOFF_4	Num	8	BEST12.	At -890, see IAC Scan Analysis vbl list
17	ALPHA_4	Num	8	BEST12.	At -890, see IAC Scan Analysis vbl list
18	C1_4	Num	8	BEST12.	Y intercept at -890
19	CUTOFF_5	Num	8	BEST12.	At -870, see IAC Scan Analysis vbl list
20	ALPHA_5	Num	8	BEST12.	At -870, see IAC Scan Analysis vbl list
21	C1_5	Num	8	BEST12.	Y intercept at -870
22	CUTOFF_6	Num	8	BEST12.	At -850, see IAC Scan Analysis vbl list
23	ALPHA_6	Num	8	BEST12.	At -850, see IAC Scan Analysis vbl list
24	C1_6	Num	8	BEST12.	Y intercept at -850
25	LCUTOFF_	Num	8	BEST12.	At -850, see IAC Scan Analysis vbl list
26	LALPHA_1	Num	8	BEST12.	At -950, see IAC Scan Analysis vbl list
27	LC1_1	Num	8	BEST12.	Y intercept at -950
28	LCUTOFF1	Num	8	BEST12.	At -950, see IAC Scan Analysis vbl list
29	LALPHA_2	Num	8	BEST12.	At -930, see IAC Scan Analysis vbl list
30	LC1_2	Num	8	BEST12.	Y intercept at -930
31	LCUTOFF2	Num	8	BEST12.	At -930, see IAC Scan Analysis vbl list
32	LALPHA_3	Num	8	BEST12.	At -910, see IAC Scan Analysis vbl list
33	LC1_3	Num	8	BEST12.	Y intercept at -910
34	LCUTOFF3	Num	8	BEST12.	At -910, see IAC Scan Analysis vbl list
35	LALPHA_4	Num	8	BEST12.	At -890, see IAC Scan Analysis vbl list
36	LC1_4	Num	8	BEST12.	Y intercept at -890

Num	Variable	Type	Len	Format	Label
37	LCUTOFF4	Num	8	BEST12.	At -890, see IAC Scan Analysis vbl list
38	LALPHA_5	Num	8	BEST12.	At -870, see IAC Scan Analysis vbl list
39	LC1_5	Num	8	BEST12.	Y intercept at -870
40	LCUTOFF5	Num	8	BEST12.	At -870, see IAC Scan Analysis vbl list
41	LALPHA_6	Num	8	BEST12.	At -850, see IAC Scan Analysis vbl list
42	LC1_6	Num	8	BEST12.	Y intercept at -850
43	MCUTOFF_	Num	8	BEST12.	At -850, see IAC Scan Analysis vbl list
44	MALPHA_1	Num	8	BEST12.	At -950, see IAC Scan Analysis vbl list
45	MC1_1	Num	8	BEST12.	Y intercept at -950
46	MCUTOFF1	Num	8	BEST12.	At -950, see IAC Scan Analysis vbl list
47	MALPHA_2	Num	8	BEST12.	At -930, see IAC Scan Analysis vbl list
48	MC1_2	Num	8	BEST12.	Y intercept at -930
49	MCUTOFF2	Num	8	BEST12.	At -930, see IAC Scan Analysis vbl list
50	MALPHA_3	Num	8	BEST12.	At -910, see IAC Scan Analysis vbl list
51	MC1_3	Num	8	BEST12.	Y intercept at -910
52	MCUTOFF3	Num	8	BEST12.	At -910, see IAC Scan Analysis vbl list
53	MALPHA_4	Num	8	BEST12.	At -890, see IAC Scan Analysis vbl list
54	MC1_4	Num	8	BEST12.	Y intercept at -890
55	MCUTOFF4	Num	8	BEST12.	At -890, see IAC Scan Analysis vbl list
56	MALPHA_5	Num	8	BEST12.	At -870, see IAC Scan Analysis vbl list
57	MC1_5	Num	8	BEST12.	Y intercept at -870
58	MCUTOFF5	Num	8	BEST12.	At -870, see IAC Scan Analysis vbl list
59	MALPHA_6	Num	8	BEST12.	At -850, see IAC Scan Analysis vbl list
60	MC1_6	Num	8	BEST12.	Y intercept at -850
61	UCUTOFF_	Num	8	BEST12.	At -850, see IAC Scan Analysis vbl list
62	UALPHA_1	Num	8	BEST12.	At -950, see IAC Scan Analysis vbl list
63	UC1_1	Num	8	BEST12.	Y intercept at -950
64	UCUTOFF1	Num	8	BEST12.	At -950, see IAC Scan Analysis vbl list
65	UALPHA_2	Num	8	BEST12.	At -930, see IAC Scan Analysis vbl list
66	UC1_2	Num	8	BEST12.	Y intercept at -930
67	UCUTOFF2	Num	8	BEST12.	At -930, see IAC Scan Analysis vbl list
68	UALPHA_3	Num	8	BEST12.	At -910, see IAC Scan Analysis vbl list
69	UC1_3	Num	8	BEST12.	Y intercept at -910
70	UCUTOFF3	Num	8	BEST12.	At -910, see IAC Scan Analysis vbl list
71	UALPHA_4	Num	8	BEST12.	At -890, see IAC Scan Analysis vbl list
72	UC1_4	Num	8	BEST12.	Y intercept at -890
73	UCUTOFF4	Num	8	BEST12.	At -890, see IAC Scan Analysis vbl list
74	UALPHA_5	Num	8	BEST12.	At -870, see IAC Scan Analysis vbl list
75	UC1_5	Num	8	BEST12.	Y intercept at -870

Num	Variable	Type	Len	Format	Label
76	UCUTOFF5	Num	8	BEST12.	At -870, see IAC Scan Analysis vbl list
77	UALPHA_6	Num	8	BEST12.	At -850, see IAC Scan Analysis vbl list
78	UC1_6	Num	8	BEST12.	Y intercept at -850
79	PASSVER	Char	13		
80	NEWNETT	Char	5		New NETT patient ID no.
81	SCANDATE	Num	8	BEST12.	scandate cnvrtd to #days frm RZ/scr strt
82	HWCREATE	Num	8	BEST12.	hwcreate cnvrtd to #days frm RZ/scr strt

Data Set Name: lpeel.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		Visit s1,f06-6mosaftrRZ,f36-36mos aftrRZ
2	HISTOLEF	Num	8	BEST12.	
3	SLICETHI	Char	14		Slice thickness
4	INTERCEP	Num	8	BEST12.	Value used to convert voxels into HU
5	VXSIZE	Num	8	BEST12.	Voxel size
6	ENTITYVE	Char	18		Histogram pgm version number
7	TOTVX	Num	8	BEST12.	Total number of voxels in a region
8	BE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
9	BE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
10	BE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
11	BE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
12	BE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
13	BE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
14	BE900	Num	8	BEST12.	No. of voxels below -900 HU in a region
15	BE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
16	BE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
17	BE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
18	BE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
19	BE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
20	BE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
21	BE640	Num	8	BEST12.	No. of voxels below -640 HU in a region
22	BE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
23	BE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
24	AE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
25	AE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
26	AE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
27	AE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
28	AE250	Num	8	BEST12.	No. of voxels above -250 HU in a region
29	MEAN	Num	8	BEST12.	Mean
30	MED	Num	8	BEST12.	Median
31	VAR	Num	8	BEST12.	Variance
32	SD	Num	8	BEST12.	Standard deviation
33	SKEW	Num	8	BEST12.	Skewness
34	KURT	Num	8	BEST12.	Kurtosis
35	FWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
36	AIRV	Num	8	BEST12.	Volume of region that is air (ml)

Num	Variable	Type	Len	Format	Label
37	TISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
38	TOTV	Num	8	BEST12.	Total volume of region (cubic ml)
39	KNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
40	KSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
41	KINT	Num	8	BEST12.	Knee intercept
42	ANKL	Num	8	BEST12.	Ankle
43	ASLP	Num	8	BEST12.	Ankle slope
44	AINT	Num	8	BEST12.	Ankle intercept
45	CCUTOFF	Num	8	BEST12.	See IAC Scan Analysis variables listing
46	CVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
47	CVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
48	CVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
49	CVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
50	CVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
51	CVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
52	CVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
53	CVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
54	LTOTVX	Num	8	BEST12.	Total number of voxels in a region
55	LBE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
56	LBE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
57	LBE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
58	LBE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
59	LBE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
60	LBE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
61	LBE900	Num	8	BEST12.	No. of voxels below -900 HU in a region
62	LBE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
63	LBE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
64	LBE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
65	LBE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
66	LBE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
67	LBE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
68	LBE640	Num	8	BEST12.	No. of voxels below -640 HU in a region
69	LBE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
70	LBE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
71	LAE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
72	LAE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
73	LAE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
74	LAE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
75	LAE250	Num	8	BEST12.	No. of voxels above -250 HU in a region

Num	Variable	Type	Len	Format	Label
76	LMEAN	Num	8	BEST12.	Mean
77	LMED	Num	8	BEST12.	Median
78	LVAR	Num	8	BEST12.	Variance
79	LSD	Num	8	BEST12.	Standard deviation
80	LSKEW	Num	8	BEST12.	Skewness
81	LKURT	Num	8	BEST12.	Kurtosis
82	LFWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
83	LAIRV	Num	8	BEST12.	Volume of region that is air (ml)
84	LTISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
85	LTOTV	Num	8	BEST12.	Total volume of region (cubic ml)
86	LKNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
87	LKSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
88	LKINT	Num	8	BEST12.	Knee intercept
89	LANKL	Num	8	BEST12.	Ankle
90	LASLP	Num	8	BEST12.	Ankle slope
91	LAINT	Num	8	BEST12.	Ankle intercept
92	LCVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
93	LCVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
94	LCVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
95	LCVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
96	LCVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
97	LCVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
98	LCVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
99	LCVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
100	MTOTVX	Num	8	BEST12.	Total number of voxels in a region
101	MBE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
102	MBE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
103	MBE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
104	MBE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
105	MBE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
106	MBE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
107	MBE900	Num	8	BEST12.	No. of voxels below -900 HU in a region
108	MBE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
109	MBE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
110	MBE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
111	MBE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
112	MBE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
113	MBE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
114	MBE640	Num	8	BEST12.	No. of voxels below -640 HU in a region

Num	Variable	Type	Len	Format	Label
115	MBE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
116	MBE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
117	MAE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
118	MAE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
119	MAE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
120	MAE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
121	MAE250	Num	8	BEST12.	No. of voxels above -250 HU in a region
122	MMEAN	Num	8	BEST12.	Mean
123	MMED	Num	8	BEST12.	Median
124	MVAR	Num	8	BEST12.	Variance
125	MSD	Num	8	BEST12.	Standard deviation
126	MSKEW	Num	8	BEST12.	Skewness
127	MKURT	Num	8	BEST12.	Kurtosis
128	MFWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
129	MAIRV	Num	8	BEST12.	Volume of region that is air (ml)
130	MTISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
131	MTOTV	Num	8	BEST12.	Total volume of region (cubic ml)
132	MKNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
133	MKSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
134	MKINT	Num	8	BEST12.	Knee intercept
135	MANKL	Num	8	BEST12.	Ankle
136	MASLP	Num	8	BEST12.	Ankle slope
137	MAINT	Num	8	BEST12.	Ankle intercept
138	MCVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
139	MCVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
140	MCVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
141	MCVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
142	MCVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
143	MCVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
144	MCVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
145	MCVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
146	UTOTVX	Num	8	BEST12.	Total number of voxels in a region
147	UBE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
148	UBE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
149	UBE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
150	UBE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
151	UBE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
152	UBE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
153	UBE900	Num	8	BEST12.	No. of voxels below -900 HU in a region

Num	Variable	Type	Len	Format	Label
154	UBE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
155	UBE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
156	UBE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
157	UBE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
158	UBE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
159	UBE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
160	UBE640	Num	8	BEST12.	No. of voxels below -640 HU in a region
161	UBE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
162	UBE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
163	UAE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
164	UAE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
165	UAE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
166	UAE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
167	UAE250	Num	8	BEST12.	No. of voxels above -250 HU in a region
168	UMEAN	Num	8	BEST12.	Mean
169	UMED	Num	8	BEST12.	Median
170	UVAR	Num	8	BEST12.	Variance
171	USD	Num	8	BEST12.	Standard deviation
172	USKEW	Num	8	BEST12.	Skewness
173	UKURT	Num	8	BEST12.	Kurtosis
174	UFWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
175	UAIRV	Num	8	BEST12.	Volume of region that is air (ml)
176	UTISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
177	UTOTV	Num	8	BEST12.	Total volume of region (cubic ml)
178	UKNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
179	UKSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
180	UKINT	Num	8	BEST12.	Knee intercept
181	UANKL	Num	8	BEST12.	Ankle
182	UASLP	Num	8	BEST12.	Ankle slope
183	UAINT	Num	8	BEST12.	Ankle intercept
184	UCVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
185	UCVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
186	UCVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
187	UCVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
188	UCVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
189	UCVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
190	UCVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
191	UCVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
192	HU10	Num	8	BEST12.	HU value below which 10% of voxels fall

Num	Variable	Type	Len	Format	Label
193	HU15	Num	8	BEST12.	HU value below which 15% of voxels fall
194	HU20	Num	8	BEST12.	HU value below which 20% of voxels fall
195	LHU10	Num	8	BEST12.	HU value below which 10% of voxels fall
196	LHU15	Num	8	BEST12.	HU value below which 15% of voxels fall
197	LHU20	Num	8	BEST12.	HU value below which 20% of voxels fall
198	MHU10	Num	8	BEST12.	HU value below which 10% of voxels fall
199	MHU15	Num	8	BEST12.	HU value below which 15% of voxels fall
200	MHU20	Num	8	BEST12.	HU value below which 20% of voxels fall
201	UHU10	Num	8	BEST12.	HU value below which 10% of voxels fall
202	UHU15	Num	8	BEST12.	HU value below which 15% of voxels fall
203	UHU20	Num	8	BEST12.	HU value below which 20% of voxels fall
204	PASSVER	Char	13		
205	NEWNETT	Char	5		New NETT patient ID no.
206	SCANDATE	Num	8	BEST12.	scandate cnvrtd to #days frm RZ/scr strt
207	HLCREATE	Num	8	BEST12.	hlcreate cnvrtd to #days frm RZ/scr strt

Data Set Name: lver2.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		Visit s1,f06-6mosaftrRZ,f36-36mos aftrRZ
2	HISTOLEF	Num	8	BEST12.	
3	SLICETHI	Char	14		Slice thickness
4	INTERCEP	Num	8	BEST12.	Value used to convert voxels into HU
5	VXSIZE	Num	8	BEST12.	Voxel size
6	ENTITYVE	Char	18		Histogram pgm version number
7	TOTVX	Num	8	BEST12.	Total number of voxels in a region
8	BE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
9	BE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
10	BE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
11	BE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
12	BE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
13	BE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
14	BE900	Num	8	BEST12.	No. of voxels below -900 HU in a region
15	BE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
16	BE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
17	BE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
18	BE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
19	BE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
20	BE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
21	BE640	Num	8	BEST12.	No. of voxels below -640 HU in a region
22	BE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
23	BE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
24	AE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
25	AE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
26	AE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
27	AE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
28	AE250	Num	8	BEST12.	No. of voxels above -250 HU in a region
29	MEAN	Num	8	BEST12.	Mean
30	MED	Num	8	BEST12.	Median
31	VAR	Num	8	BEST12.	Variance
32	SD	Num	8	BEST12.	Standard deviation
33	SKEW	Num	8	BEST12.	Skewness
34	KURT	Num	8	BEST12.	Kurtosis
35	FWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
36	AIRV	Num	8	BEST12.	Volume of region that is air (ml)

Num	Variable	Type	Len	Format	Label
37	TISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
38	TOTV	Num	8	BEST12.	Total volume of region (cubic ml)
39	KNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
40	KSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
41	KINT	Num	8	BEST12.	Knee intercept
42	ANKL	Num	8	BEST12.	Ankle
43	ASLP	Num	8	BEST12.	Ankle slope
44	AINT	Num	8	BEST12.	Ankle intercept
45	CCUTOFF	Num	8	BEST12.	See IAC Scan Analysis variables listing
46	CVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
47	CVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
48	CVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
49	CVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
50	CVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
51	CVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
52	CVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
53	CVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
54	LTOTVX	Num	8	BEST12.	Total number of voxels in a region
55	LBE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
56	LBE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
57	LBE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
58	LBE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
59	LBE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
60	LBE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
61	LBE900	Num	8	BEST12.	No. of voxels below -900 HU in a region
62	LBE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
63	LBE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
64	LBE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
65	LBE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
66	LBE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
67	LBE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
68	LBE640	Num	8	BEST12.	No. of voxels below -640 HU in a region
69	LBE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
70	LBE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
71	LAE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
72	LAE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
73	LAE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
74	LAE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
75	LAE250	Num	8	BEST12.	No. of voxels above -250 HU in a region

Num	Variable	Type	Len	Format	Label
76	LMEAN	Num	8	BEST12.	Mean
77	LMED	Num	8	BEST12.	Median
78	LVAR	Num	8	BEST12.	Variance
79	LSD	Num	8	BEST12.	Standard deviation
80	LSKEW	Num	8	BEST12.	Skewness
81	LKURT	Num	8	BEST12.	Kurtosis
82	LFWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
83	LAIRV	Num	8	BEST12.	Volume of region that is air (ml)
84	LTISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
85	LTOTV	Num	8	BEST12.	Total volume of region (cubic ml)
86	LKNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
87	LKSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
88	LKINT	Num	8	BEST12.	Knee intercept
89	LANKL	Num	8	BEST12.	Ankle
90	LASLP	Num	8	BEST12.	Ankle slope
91	LAINT	Num	8	BEST12.	Ankle intercept
92	LCVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
93	LCVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
94	LCVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
95	LCVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
96	LCVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
97	LCVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
98	LCVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
99	LCVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
100	MTOTVX	Num	8	BEST12.	Total number of voxels in a region
101	MBE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
102	MBE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
103	MBE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
104	MBE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
105	MBE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
106	MBE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
107	MBE900	Num	8	BEST12.	No. of voxels below -900 HU in a region
108	MBE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
109	MBE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
110	MBE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
111	MBE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
112	MBE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
113	MBE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
114	MBE640	Num	8	BEST12.	No. of voxels below -640 HU in a region

Num	Variable	Type	Len	Format	Label
115	MBE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
116	MBE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
117	MAE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
118	MAE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
119	MAE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
120	MAE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
121	MAE250	Num	8	BEST12.	No. of voxels above -250 HU in a region
122	MMEAN	Num	8	BEST12.	Mean
123	MMED	Num	8	BEST12.	Median
124	MVAR	Num	8	BEST12.	Variance
125	MSD	Num	8	BEST12.	Standard deviation
126	MSKEW	Num	8	BEST12.	Skewness
127	MKURT	Num	8	BEST12.	Kurtosis
128	MFWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
129	MAIRV	Num	8	BEST12.	Volume of region that is air (ml)
130	MTISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
131	MTOTV	Num	8	BEST12.	Total volume of region (cubic ml)
132	MKNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
133	MKSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
134	MKINT	Num	8	BEST12.	Knee intercept
135	MANKL	Num	8	BEST12.	Ankle
136	MASLP	Num	8	BEST12.	Ankle slope
137	MAINT	Num	8	BEST12.	Ankle intercept
138	MCVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
139	MCVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
140	MCVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
141	MCVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
142	MCVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
143	MCVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
144	MCVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
145	MCVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
146	UTOTVX	Num	8	BEST12.	Total number of voxels in a region
147	UBE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
148	UBE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
149	UBE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
150	UBE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
151	UBE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
152	UBE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
153	UBE900	Num	8	BEST12.	No. of voxels below -900 HU in a region

Num	Variable	Type	Len	Format	Label
154	UBE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
155	UBE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
156	UBE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
157	UBE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
158	UBE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
159	UBE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
160	UBE640	Num	8	BEST12.	No. of voxels below -640 HU in a region
161	UBE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
162	UBE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
163	UAE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
164	UAE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
165	UAE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
166	UAE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
167	UAE250	Num	8	BEST12.	No. of voxels above -250 HU in a region
168	UMEAN	Num	8	BEST12.	Mean
169	UMED	Num	8	BEST12.	Median
170	UVAR	Num	8	BEST12.	Variance
171	USD	Num	8	BEST12.	Standard deviation
172	USKEW	Num	8	BEST12.	Skewness
173	UKURT	Num	8	BEST12.	Kurtosis
174	UFWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
175	UAIRV	Num	8	BEST12.	Volume of region that is air (ml)
176	UTISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
177	UTOTV	Num	8	BEST12.	Total volume of region (cubic ml)
178	UKNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
179	UKSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
180	UKINT	Num	8	BEST12.	Knee intercept
181	UANKL	Num	8	BEST12.	Ankle
182	UASLP	Num	8	BEST12.	Ankle slope
183	UAINT	Num	8	BEST12.	Ankle intercept
184	UCVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
185	UCVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
186	UCVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
187	UCVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
188	UCVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
189	UCVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
190	UCVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
191	UCVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
192	HU10	Num	8	BEST12.	HU value below which 10% of voxels fall

Num	Variable	Type	Len	Format	Label
193	HU15	Num	8	BEST12.	HU value below which 15% of voxels fall
194	HU20	Num	8	BEST12.	HU value below which 20% of voxels fall
195	LHU10	Num	8	BEST12.	HU value below which 10% of voxels fall
196	LHU15	Num	8	BEST12.	HU value below which 15% of voxels fall
197	LHU20	Num	8	BEST12.	HU value below which 20% of voxels fall
198	MHU10	Num	8	BEST12.	HU value below which 10% of voxels fall
199	MHU15	Num	8	BEST12.	HU value below which 15% of voxels fall
200	MHU20	Num	8	BEST12.	HU value below which 20% of voxels fall
201	UHU10	Num	8	BEST12.	HU value below which 10% of voxels fall
202	UHU15	Num	8	BEST12.	HU value below which 15% of voxels fall
203	UHU20	Num	8	BEST12.	HU value below which 20% of voxels fall
204	PASSVER	Char	13		
205	NEWNETT	Char	5		New NETT patient ID no.
206	SCANDATE	Num	8	BEST12.	scandate cnvrtd to #days frm RZ/scr strt
207	HLCREATE	Num	8	BEST12.	hlcreate cnvrtd to #days frm RZ/scr strt

Data Set Name: mms.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	MM307	Char	1		7 Resting & walking O2 titration done
4	MM308	Char	1		8 Two hours or more since last meal
5	MM309	Char	1		9 Bronchodilator taken in past 4 hours
6	MM310	Char	1		10 Patient rested for 10 minutes
7	MM311	Char	1		11 O2 used during 6 minute walk test
8	MM312	Char	2		12 Walking oxygen requirement
9	MM315	Char	2		15 Total duration of test (min)
10	MM316	Char	1		16 Item 15 equal to 6.0
11	MM317	Char	3		17 Borg scale-perceived breathlessness
12	MM318	Char	3		18 Borg scale-perceived leg muscle fati
13	MM319A	Char	1		19a Test lasted 6 minutes
14	MM319B	Char	1		19b Chest pain
15	MM319C	Char	1		19c Near syncope
16	MM319D	Char	1		19d Ataxic gait
17	MM319E	Char	1		19e Lower extremity claudication
18	MM319F	Char	1		19f Mental confusion
19	MM319G	Char	1		19g Patient refused to continue
20	MM319H	Char	1		19h Staff request
21	MM319I	Char	1		19i Other
22	MM320	Char	1		20 S1, S2, S3 or RZ assessment
23	MM321	Char	1		21 Other reason for ineligibility?
24	MM207	Char	1		Day 1 or Day 2, unused after 21May99
25	DIST_FT	Num	8	BEST12.	6MW distance (feet)
26	NEWNETT	Char	5		New NETT patient ID no.
27	FORMDATE	Num	8	BEST12.	#4 cnvrtd to # of days frm RZ/scr strt

Data Set Name: mos.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	MO308	Char	1		8 At least 2 hours since last meal
4	MO309	Char	1		9 Short-acting bronchodilator in past
5	MO310	Char	1		10 Pulse oximeter model
6	MO311	Char	1		11 Pulse oximeter ECG-gated
7	MO312	Char	1		12 Pulse oximeter probe site
8	MO313	Char	3		13 SpO2 at end of resting titration (%)
9	MO314	Char	3		14 Heart rate at end of resting titrati
10	MO315	Char	1		15 Oxygen required at end of titration
11	MO316	Char	2		16 Resting oxygen requirement
12	MO317	Char	1		17 Reason for ending resting titration
13	MO318	Char	1		18 O2 titration being done on same day
14	MO319	Char	1		19 Treadmill speed for Part 1
15	MO320	Char	2		20 Duration of Part 1 (<= 1 mph walk)
16	MO321	Char	3		21 Lowest SpO2 in last minute
17	MO322	Char	3		22 Heart rate linked to SpO2
18	MO323	Char	2		23 O2 flow rate linked to SpO2
19	MO324	Char	1		24 Reason for terminating Part 1
20	MO325	Char	3		25 Part 1: Borg-perceived breathlessnes
21	MO326	Char	3		26 Part 1: Borg-perceived leg muscle fa
22	MO327	Char	1		27 Part 2 attempted
23	MO328	Char	1		28 Treadmill speed for Part 2
24	MO329	Char	1		29 Duration of Part 2
25	MO330	Char	3		30 SpO2 at end of Part 2
26	MO331	Char	2		31 O2 flow rate at end of Part 2
27	MO332	Char	1		32 Reason for terminating Part 2
28	MO333	Char	1		33 Patient can do 6min walk on 6L/min O
29	MO334	Char	2		34 O2 prescription for 6 minute walk
30	NEWNETT	Char	5		New NETT patient ID no.
31	FORMDATE	Num	8	BEST12.	#4 cnvrtd to # of days frm RZ/scr strt

Data Set Name: mvs.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	MV407	Char	1		7 Was the entire visit missed?
4	MV408A	Char	1		8a Ill
5	MV408B	Char	1		8b Temporarily out of area
6	MV408C	Char	1		8c Refused to return
7	MV408D	Char	1		8d Permanently moved from area
8	MV408E	Char	1		8e Unable to contact patient
9	MV408F	Char	1		8f Physical condition precludes visit
10	MV408G	Char	1		8g Mental condition precludes visit
11	MV408H	Char	1		8h Other reason for missed visit
12	MV409A	Char	1		9a Telephoned patient
13	MV409B	Char	1		9b Mailed reminder card
14	MV409C	Char	1		9c Other steps taken
15	MV410	Char	1		10 Visit partially completed
16	MV411A	Char	1		11a Blood and urine analyses (BU)
17	MV411B	Char	1		11b Exercise testing (EW)
18	MV411C	Char	1		11c Heart function (HF)
19	MV411D	Char	1		11d Interim history (HI)
20	MV411E	Char	1		11e O2 titration (MO)
21	MV411F	Char	1		11f Six minute walk test (MM)
22	MV411G	Char	1		11g Physical exam (PE)
23	MV411H	Char	1		11h Pulmonary function (PF)
24	MV411I	Char	1		11i Pulmonary mechanics (PM)
25	MV411J	Char	1		11j MOS SF 36 (QF)
26	MV411K	Char	1		11k St Georges respiratory quest (QG)
27	MV411L	Char	1		11l Shortness of breath quest (QS)
28	MV411M	Char	1		11m Quality of well-being scale (QW)
29	MV411N	Char	1		11n CT scan (RC)
30	MV411O	Char	1		11o Chest radiograph (RR)
31	MV411P	Char	1		11p Trail making test (TM)
32	MV411Q	Char	1		11q Alternalte Trail making (TO)
33	MV411R	Char	1		11r Cardiovascular Substudy (VC)
34	MV411S	Char	1		11s ABG Exercise Substudy (ES)
35	MV411T	Char	1		11t Other
36	MV412A	Char	1		12a Patient was ill

Num	Variable	Type	Len	Format	Label
37	MV412B	Char	1		12b Patient refused procedure
38	MV412C	Char	1		12c Procedure forgotten
39	MV412D	Char	1		12d Other reason form not done
40	MV413A	Char	1		13a Tried to reschedule procedure
41	MV413B	Char	1		13b Tried to interview by phone
42	MV413C	Char	1		13c Tried to gain cooperation
43	MV413D	Char	1		13d Other attempt made
44	NEWNETT	Char	5		New NETT patient ID no.
45	FORMDATE	Num	8	BEST12.	#4 cnvrtd to # of days frm RZ/scr strt

Data Set Name: pes.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	PE207	Char	1		7 S1 assessment?
4	PE212	Char	3		12 BMI (kg/m**2)
5	PE213A	Char	4		13a Temperature (degrees)
6	PE213B	Char	1		13b Fahrenheit/Centigrade
7	PE214A	Char	3		14a Systolic blood pressure (mm/Hg)
8	PE214B	Char	3		14b Diastolic blood pressure (mm/Hg)
9	PE215	Char	3		15 Resting radial pulse (beats/min)
10	PE216	Char	2		16 Respiratory rate (breaths/min)
11	PE217	Char	1		17 Skin
12	PE218	Char	1		18 Head, eyes, ENT
13	PE219	Char	1		19 Neck
14	PE220	Char	1		20 Lymphatic
15	PE221	Char	1		21 Chest and lungs
16	PE222A	Char	1		22a Dullness to percussion
17	PE222B	Char	1		22b Rales or crackles
18	PE222C	Char	1		22c Ronchi
19	PE222D	Char	1		22d Wheezes
20	PE222E	Char	1		22e Hyperresonance
21	PE222F	Char	1		22f Hyperinflation
22	PE222G	Char	1		22g Acute respiratory distress
23	PE222H	Char	1		22h Other chest/lung abnormality
24	PE223	Char	1		23 Heart
25	PE224A	Char	1		24a Neck vein distension
26	PE224B	Char	1		24b S3 gallop
27	PE224C	Char	1		24c premature beats
28	PE224D	Char	1		24d Other heart abnormality
29	PE225	Char	1		25 Abdomen
30	PE226	Char	1		26 Extremities
31	PE227A	Char	1		27a Edema
32	PE227B	Char	1		27b Cyanosis
33	PE227C	Char	1		27c Clubbing
34	PE227D	Char	1		27d Other extremity abnormality
35	PE228	Char	1		28 Nervous system
36	PE229	Char	1		29 Influenza vaccine up-to-date

Num	Variable	Type	Len	Format	Label
37	PE230	Char	1		30 Pneumonia vaccine up-to-date
38	NEWNETT	Char	5		New NETT patient ID no.
39	FORMDATE	Num	8	BEST12.	#4 cnvrtd to #days frm RZ/scr strt

Data Set Name: pms.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	PM307	Char	1		7 1st: Effort recorded
4	PM308	Char	4		8 1st: Maximum volume (liters)
5	PM309	Char	3		9 1st: Static recoil pressure (cmH2O)
6	PM310	Char	2		10 1st: Pair of data points
7	PM311A1	Char	3		11a Pressure (cmH2O)
8	PM311A2	Char	4		11a Absolute volume (liters)
9	PM311B1	Char	3		11b Pressure (cmH2O)
10	PM311B2	Char	4		11b Absolute volume (liters)
11	PM311C1	Char	3		11c Pressure (cmH2O)
12	PM311C2	Char	4		11c Absolute volume (liters)
13	PM311D1	Char	3		11d Pressure (cmH2O)
14	PM311D2	Char	4		11d Absolute volume (liters)
15	PM311E1	Char	3		11e Pressure (cmH2O)
16	PM311E2	Char	4		11e Absolute volume (liters)
17	PM311F1	Char	3		11f Pressure (cmH2O)
18	PM311F2	Char	4		11f Absolute volume (liters)
19	PM311G1	Char	3		11g Pressure (cmH2O)
20	PM311G2	Char	4		11g Absolute volume (liters)
21	PM311H1	Char	3		11h Pressure (cmH2O)
22	PM311H2	Char	4		11h Absolute volume (liters)
23	PM311I1	Char	3		11i Pressure (cmH2O)
24	PM311I2	Char	4		11i Absolute volume (liters)
25	PM311J1	Char	3		11j Pressure (cmH2O)
26	PM311J2	Char	4		11j Absolute volume (liters)
27	PM311K1	Char	3		11k Pressure (cmH2O)
28	PM311K2	Char	4		11k Absolute volume (liters)
29	PM311L1	Char	3		11l Pressure (cmH2O)
30	PM311L2	Char	4		11l Absolute volume (liters)
31	PM312	Char	1		12 2nd: Effort recorded
32	PM313	Char	4		13 2nd: Maximum volume (liters)
33	PM314	Char	3		14 2nd: Static recoil pressure (cmH2O)
34	PM315	Char	2		15 2nd: Pair of data points
35	PM316A1	Char	3		16a Pressure (cmH2O)
36	PM316A2	Char	4		16a Absolute volume (liters)

Num	Variable	Type	Len	Format	Label
37	PM316B1	Char	3		16b Pressure (cmH2O)
38	PM316B2	Char	4		16b Absolute volume (liters)
39	PM316C1	Char	3		16c Pressure (cmH2O)
40	PM316C2	Char	4		16c Absolute volume (liters)
41	PM316D1	Char	3		16d Pressure (cmH2O)
42	PM316D2	Char	4		16d Absolute volume (liters)
43	PM316E1	Char	3		16e Pressure (cmH2O)
44	PM316E2	Char	4		16e Absolute volume (liters)
45	PM316F1	Char	3		16f Pressure (cmH2O)
46	PM316F2	Char	4		16f Absolute volume (liters)
47	PM316G1	Char	3		16g Pressure (cmH2O)
48	PM316G2	Char	4		16g Absolute volume (liters)
49	PM316H1	Char	3		16h Pressure (cmH2O)
50	PM316H2	Char	4		16h Absolute volume (liters)
51	PM316I1	Char	3		16i Pressure (cmH2O)
52	PM316I2	Char	4		16i Absolute volume (liters)
53	PM316J1	Char	3		16j Pressure (cmH2O)
54	PM316J2	Char	4		16j Absolute volume (liters)
55	PM316K1	Char	3		16k Pressure (cmH2O)
56	PM316K2	Char	4		16k Absolute volume (liters)
57	PM316L1	Char	3		16l Pressure (cmH2O)
58	PM316L2	Char	4		16l Absolute volume (liters)
59	PM317	Char	1		17 3rd: Effort recorded
60	PM318	Char	4		18 3rd: Maximum volume (liters)
61	PM319	Char	3		19 3rd: Static recoil pressure (cmH2O)
62	PM320	Char	2		20 3rd: Pair of data points
63	PM321A1	Char	3		21a Pressure (cmH2O)
64	PM321A2	Char	4		21a Absolute volume (liters)
65	PM321B1	Char	3		21b Pressure (cmH2O)
66	PM321B2	Char	4		21b Absolute volume (liters)
67	PM321C1	Char	3		21c Pressure (cmH2O)
68	PM321C2	Char	4		21c Absolute volume (liters)
69	PM321D1	Char	3		21d Pressure (cmH2O)
70	PM321D2	Char	4		21d Absolute volume (liters)
71	PM321E1	Char	3		21e Pressure (cmH2O)
72	PM321E2	Char	4		21e Absolute volume (liters)
73	PM321F1	Char	3		21f Pressure (cmH2O)
74	PM321F2	Char	4		21f Absolute volume (liters)
75	PM321G1	Char	3		21g Pressure (cmH2O)

Num	Variable	Type	Len	Format	Label
76	PM321G2	Char	4		21g Absolute volume (liters)
77	PM321H1	Char	3		21h Pressure (cmH2O)
78	PM321H2	Char	4		21h Absolute volume (liters)
79	PM321I1	Char	3		21i Pressure (cmH2O)
80	PM321I2	Char	4		21i Absolute volume (liters)
81	PM321J1	Char	3		21j Pressure (cmH2O)
82	PM321J2	Char	4		21j Absolute volume (liters)
83	PM321K1	Char	3		21k Pressure (cmH2O)
84	PM321K2	Char	4		21k Absolute volume (liters)
85	PM321L1	Char	3		21l Pressure (cmH2O)
86	PM321L2	Char	4		21l Absolute volume (liters)
87	PM322	Char	1		22 Resistance measurements recorded
88	PM323	Char	3		23 Inspiratory resistance (cm/L/sec)
89	PM324	Char	3		24 Expiratory resistance (cm/L/sec)
90	PM325	Char	1		25 Flow-volume curve recorded
91	PM326	Char	3		26 FEV1 (liters)
92	PM327	Char	3		27 FVC (liters)
93	PM328	Char	4		28 Max peak flow rate (l/sec)
94	PM329A	Char	4		29a Flow at 90% FVC
95	PM329B	Char	4		29b Flow at 80% FVC
96	PM329C	Char	4		29c Flow at 70% FVC
97	PM329D	Char	4		29d Flow at 60% FVC
98	PM329E	Char	4		29e Flow at 50% FVC
99	PM329F	Char	4		29f Flow at 40% FVC
100	PM329G	Char	4		29g Flow at 30% FVC
101	PM329H	Char	4		29h Flow at 20% FVC
102	PM329I	Char	4		29i Flow at 10% FVC
103	NEWNETT	Char	5		New NETT patient ID no.
104	FORMDATE	Num	8	BEST12.	#4 cnvrtd to # of days frm RZ/scr

Data Set Name: pulmfunc.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	PREDFVC	Num	8	BEST12.	Predicted FVC (liters-BTPS)
4	PREDFEV1	Num	8	BEST12.	Predicted FEV1 (liters-BTPS)
5	PREDTLC	Num	8	BEST12.	Predicted TLC (liters-BTPS)
6	PREDRV	Num	8	BEST12.	Predicted RV (liters-BTPS)
7	PREDDLCO	Num	8	BEST12.	Predicted DLCO (ml/min/mmHg STPD)
8	PREFVC	Num	8	BEST12.	Pre BD FVC (liters-BTPS)
9	PREFEV1	Num	8	BEST12.	Pre BD FEV1 (liters-BTPS)
10	POSTFVC	Num	8	BEST12.	Post BD FVC (liters-BTPS)
11	POSTFEV1	Num	8	BEST12.	Post BD FEV1 (liters-BTPS)
12	PREFVCPP	Num	8	BEST12.	Pre BD FVC % predicted
13	PSTFVCPP	Num	8	BEST12.	Post BD FVC % predicted
14	PREFEVPP	Num	8	BEST12.	Pre BD FEV1 % predicted
15	PSTFEVPP	Num	8	BEST12.	Post BD FEV1 % predicted
16	MVV	Num	8	BEST12.	Post BD MVV (L/min BTPS)
17	TLC	Num	8	BEST12.	Post BD mean TLC (liters-BTPS)
18	TLCPP	Num	8	BEST12.	Post BD mean TLC % predicted
19	SVC	Num	8	BEST12.	Post BD maximum SVC (liters-BTPS)
20	RV	Num	8	BEST12.	Post BD RV (TLC-SVC, liters-BTPS)
21	RVPP	Num	8	BEST12.	Post BD RV % predicted
22	FRC	Num	8	BEST12.	Post BD mean FRC (plethys, liters-BTPS)
23	PAO2	Num	8	BEST12.	Room air resting PaO2 (mmHg)
24	PACO2	Num	8	BEST12.	Room air resting PaCO2 (mmHg)
25	ARTPH	Num	8	BEST12.	Room air resting arterial pH
26	ARTCOHB	Num	8	BEST12.	Room air resting arterial CoHb (%)
27	DLCO	Num	8	BEST12.	DLCO, ml,min, mmHg STPD
28	VI	Num	8	BEST12.	VI (liters-BTPS)
29	VALV	Num	8	BEST12.	VALV (liters-BTPS)
30	DLCOPP	Num	8	BEST12.	DLCO % predicted
31	MIP	Num	8	BEST12.	PImax (MIP, cmH2O)
32	MEP	Num	8	BEST12.	PEmax (MEP, cmH2O)
33	NEWNETT	Char	5		New NETT patient ID no.
34	FORMDATE	Num	8	BEST12.	#4 cnvrtd to #days frm RZ/scr strt
35	ABGDATE	Num	8	BEST12.	abg date cnvrtd to #days frm RZ/scr strt
36	DLCODATE	Num	8	BEST12.	DLCOdate cnvrtd to #days frm RZ/scr strt

Num	Variable	Type	Len	Format	Label
37	LVDATE	Num	8	BEST12.	LungVolDt cnvrtd to #days frmRZ/scr strt
38	MIPMEPDT	Num	8	BEST12.	MIPMEPDt cnvrtdto #days frm RZ/scr strt
39	MVVDATE	Num	8	BEST12.	MVV date cnvrtd to #days frm RZ/scr strt
40	SPIRODT	Num	8	BEST12.	Spirodatecnvrtd to #days frmRZ/scr strt

Data Set Name: qbs.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	QB207	Char	2		7 Beck inventory: score of 1st 13 items
4	QB208	Char	2		8 Beck Inventory: score of last 8 items
5	NEWNETT	Char	5		New NETT patient ID no.
6	FORMDATE	Num	8	BEST12.	#4 cnvrtd to #days frm RZ/scr strt

Data Set Name: qes.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	QE207A	Char	2		7a Scoring: form Y-1
4	QE207B	Char	2		7b Scoring: form Y-2
5	NEWNETT	Char	5		New NETT patient ID no.
6	FORMDATE	Num	8	BEST12.	#4 cnvrtd to # of days frm RZ/scr

Data Set Name: qfs.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	QF210	Char	1		10 Health, in general
4	QF211	Char	1		11 Health now compared to 1 yr ago
5	QF212A	Char	1		12a Vigorous activities
6	QF212B	Char	1		12b Moderate activities
7	QF212C	Char	1		12c Lifting/carrying groceries
8	QF212D	Char	1		12d Climbing several flights of stairs
9	QF212E	Char	1		12e Climbing one flight of stairs
10	QF212F	Char	1		12f Bending, kneeling, stooping
11	QF212G	Char	1		12g Walking more than a mile
12	QF212H	Char	1		12h Walking several blocks
13	QF212I	Char	1		12i Walking one block
14	QF212J	Char	1		12j Bathing/dressing self
15	QF213A	Char	1		13a Cut down time working
16	QF213B	Char	1		13b Accomplished less than liked
17	QF213C	Char	1		13c Limited activities
18	QF213D	Char	1		13d Difficulty performing activities
19	QF214A	Char	1		14a Cut down time working
20	QF214B	Char	1		14b Accomplished less than liked
21	QF214C	Char	1		14c Was less careful
22	QF215	Char	1		15 Physical health interfered w/activit
23	QF216	Char	1		16 Bodily pain in past 4 weeks
24	QF217	Char	1		17 Pain interfered with normal work
25	QF218A	Char	1		18a Feel full of pep
26	QF218B	Char	1		18b Been nervous
27	QF218C	Char	1		18c Felt down in the dumps
28	QF218D	Char	1		18d Felt calm and peaceful
29	QF218E	Char	1		18e Have lots of energy
30	QF218F	Char	1		18f Felt downhearted and blue
31	QF218G	Char	1		18g Felt worn out
32	QF218H	Char	1		18h Been happy
33	QF218I	Char	1		18i Felt tired
34	QF219	Char	1		19 Health interfered with social activi
35	QF220A	Char	1		20a Get sick easier than other people
36	QF220B	Char	1		20b Healthy as anybody

Num	Variable	Type	Len	Format	Label
37	QF220C	Char	1		20c Expect health to get worse
38	QF220D	Char	1		20d Health is excellent
39	PHYSFUNC	Num	8	BEST12.	SF36 Sherbourne: physical functioning
40	LIMHLTH	Num	8	BEST12.	SF36 Sherbourne: limits due to health
41	LIMEMOT	Num	8	BEST12.	SF36 Sherbourne: limits due to emotions
42	ENERFAT	Num	8	BEST12.	SF36 Sherbourne: energy/fatigue
43	EMOTWB	Num	8	BEST12.	SF36 Sherbourne: emotional well-being
44	SOCFUNC	Num	8	BEST12.	SF36 Sherbourne: social functioning
45	PAIN	Num	8	BEST12.	SF36 Sherbourne: pain
46	GENHLTH	Num	8	BEST12.	SF36 Sherbourne: general health
47	WPHYFUNC	Num	8	BEST12.	SF36 Ware: physical functioning
48	WROLEPHY	Num	8	BEST12.	SF36 Ware: role physical
49	WPAIN	Num	8	BEST12.	SF36 Ware: pain
50	WGENHLTH	Num	8	BEST12.	SF36 Ware: general health
51	WVITAL	Num	8	BEST12.	SF36 Ware: vitality
52	WSOCFUNC	Num	8	BEST12.	SF36 Ware: social functioning
53	WROLEMOT	Num	8	BEST12.	SF36 Ware: role emotions
54	WMENHLTH	Num	8	BEST12.	SF36 Ware: mental health
55	PCS	Num	8	BEST12.	SF36 Ware: physical component scale
56	MCS	Num	8	BEST12.	SF36 Ware: mental component scale
57	NEWNETT	Char	5		New NETT patient ID no.
58	FORMDATE	Num	8	BEST12.	#4 cnvrtd to #days frm RZ/scr strt

Data Set Name: qgs.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	QG210	Char	1		10 Coughed over last year
4	QG211	Char	1		11 Brought up phlegm over last year
5	QG212	Char	1		12 Had shortness of breath over last ye
6	QG213	Char	1		13 Had wheezing attacks over last year
7	QG214	Char	1		14 Had chest trouble over last year
8	QG215	Char	1		15 Length of attack of chest trouble
9	QG216	Char	1		16 Number of good days/week
10	QG217	Char	1		17 Wheeze worse in the morning
11	QG218	Char	1		18 Describe chest condition
12	QG219	Char	1		19 Chest trouble affects work
13	QG220	Char	1		20 Breathless when sitting/lying still
14	QG221	Char	1		21 Breathless when washing/dressing
15	QG222	Char	1		22 Breathless when walking around house
16	QG223	Char	1		23 Breathless when walking on level
17	QG224	Char	1		24 Breathless when walking up stairs
18	QG225	Char	1		25 Breathless when walking hills
19	QG226	Char	1		26 Breathless when playing sports
20	QG227	Char	1		27 Cough hurts
21	QG228	Char	1		28 Cough makes me tired
22	QG229	Char	1		29 Breathless when I talk
23	QG230	Char	1		30 Breathless when I bend over
24	QG231	Char	1		31 Cough disturbs sleep
25	QG232	Char	1		32 Get exhausted easily
26	QG233	Char	1		33 Cough is embarrassing
27	QG234	Char	1		34 Chest trouble is nuisance to family/
28	QG235	Char	1		35 Panic when cannot get breath
29	QG236	Char	1		36 Feel not in control of chest problem
30	QG237	Char	1		37 Do not expect chest to get better
31	QG238	Char	1		38 Frail because of chest
32	QG239	Char	1		39 Exercise is not safe
33	QG240	Char	1		40 Everything seems too much of an effo
34	QG241A	Char	1		41a Take any medications
35	QG241	Char	1		41 Medication does not help very much
36	QG242	Char	1		42 Embarrassed to use medication in pub

Num	Variable	Type	Len	Format	Label
37	QG243	Char	1		43 Unpleasant side effects from medicin
38	QG244	Char	1		44 Medication interferes with life a lo
39	QG245	Char	1		45 Takes a long time to wash/dress
40	QG246	Char	1		46 Takes a long time to take bath/showe
41	QG247	Char	1		47 Walk slower than other people
42	QG248	Char	1		48 Housework takes a long time
43	QG249	Char	1		49 Walk slowly up stairs or stop
44	QG250	Char	1		50 Must slow down/stop if walk fast
45	QG251	Char	1		51 Difficult to do easy things
46	QG252	Char	1		52 Difficult to do moderate things
47	QG253	Char	1		53 Difficult to do strenous things
48	QG254	Char	1		54 Cannot play sports or games
49	QG255	Char	1		55 Cannot go out for entertainment
50	QG256	Char	1		56 Cannot go out shopping
51	QG257	Char	1		57 Cannot do housework
52	QG258	Char	1		58 Cannot go far from bed or chair
53	QG259	Char	1		59 How chest affects patient
54	SYMP	Num	8	BEST12.	SGRQ symptoms score
55	ACT	Num	8	BEST12.	SGRQ activity score
56	IMP	Num	8	BEST12.	SGRQ impact score
57	SGRQTOT	Num	8	BEST12.	SGRQ overall score
58	NEWNETT	Char	5		New NETT patient ID no.
59	FORMDATE	Num	8	BEST12.	#4 cnvrtd to #days frm RZ/scr strt

Data Set Name: qss.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	QS210	Char	1		10 Breathlessness, at rest
4	QS211	Char	1		11 Walking on a level at own pace
5	QS212	Char	1		12 Walking on a level w/others same age
6	QS213	Char	1		13 Walking up a hill
7	QS214	Char	1		14 Walking up stairs
8	QS215	Char	1		15 Breathlessness, while eating
9	QS216	Char	1		16 Breathlessness, standing up from chai
10	QS217	Char	1		17 Breathlessness, brushing teeth
11	QS218	Char	1		18 Breathlessness, shaving/brushing hair
12	QS219	Char	1		19 Breathlessness, showering/bathing
13	QS220	Char	1		20 Breathlessness, dressing
14	QS221	Char	1		21 Breathlessness, picking up
15	QS222	Char	1		22 Breathlessness, doing dishes
16	QS223	Char	1		23 Breathlessness, sweeping/vacuuming
17	QS224	Char	1		24 Breathlessness, making bed
18	QS225	Char	1		25 Breathlessness, shopping
19	QS226	Char	1		26 Breathlessness, doing laundry
20	QS227	Char	1		27 Breathlessness, washing car
21	QS228	Char	1		28 Breathlessness, mowing lawn
22	QS229	Char	1		29 Breathlessness, watering lawn
23	QS230	Char	1		30 Breathlessness, sexual activities
24	QS231	Char	1		31 Shortness of breath
25	QS232	Char	1		32 Fear of hurting self by overexertion
26	QS233	Char	1		33 Fear of shortness of breath
27	SOBQTOT	Num	8	BEST12.	UCSD SOBQ total score
28	NEWNETT	Char	5		New NETT patient ID no.
29	FORMDATE	Num	8	BEST12.	#4 cnvrtd to #days frm RZ/scr strt

Data Set Name: qws.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	QW211A	Char	1		11a Blind/severely impaired vision-both
4	QW211B	Char	1		11b Blind/severely impaired vision-one e
5	QW211C	Char	1		11c Speech problems
6	QW211D	Char	1		11d Missing/paralyzed hands, feet, arms,
7	QW211E	Char	1		11e Missing/paralyzed fingers/toes
8	QW211F	Char	1		11f Any deformity
9	QW211G	Char	1		11g General fatigue/weakness
10	QW211H	Char	1		11h Unwanted weight gain or loss
11	QW211I	Char	1		11i Under or over weight
12	QW211J	Char	1		11j Problem chewing food adequately
13	QW211K	Char	1		11k Hearing loss of deafness
14	QW211L	Char	1		11l Noticeable skin problems
15	QW211M	Char	1		11m Eczema or burning/itching rash
16	QW212A	Char	1		12a Dentures
17	QW212B	Char	1		12b Oxygen tank
18	QW212C	Char	1		12c Prosthesis
19	QW212D	Char	1		12d Eye glasses or contact lenses
20	QW212E	Char	1		12e Hearing aide
21	QW212F	Char	1		12f Magnifying glass
22	QW212G	Char	1		12g Neck, back or leg brace
23	QW213A	Char	1		13a Vision problems - no days
24	QW213B	Char	1		13b Vision problems - yesterday
25	QW213C	Char	1		13c Vision problems - 2 days ago
26	QW213D	Char	1		13d Vision problems - 3 days ago
27	QW214A	Char	1		14a Eye pain - no days
28	QW214B	Char	1		14b Eye pain - yesterday
29	QW214C	Char	1		14c Eye pain - 2 days ago
30	QW214D	Char	1		14d Eye pain - 3 days ago
31	QW215A	Char	1		15a Headache - no days
32	QW215B	Char	1		15b Headache - yesterday
33	QW215C	Char	1		15c Headache - 2 days ago
34	QW215D	Char	1		15d Headache - 3 days ago
35	QW216A	Char	1		16a Dizziness, earache - no days
36	QW216B	Char	1		16b Dizziness, earache - yesterday

Num	Variable	Type	Len	Format	Label
37	QW216C	Char	1		16c Dizziness, earache - 2 days ago
38	QW216D	Char	1		16d Dizziness, earache - 3 days ago
39	QW217A	Char	1		17a Difficulty hearing - no days
40	QW217B	Char	1		17b Difficulty hearing - yesterday
41	QW217C	Char	1		17c Difficulty hearing - 2 days ago
42	QW217D	Char	1		17d Difficulty hearing - 3 days ago
43	QW218A	Char	1		18a Stuffy/bloody nose - no days
44	QW218B	Char	1		18b Stuffy/bloody nose - yesterday
45	QW218C	Char	1		18c Stuffy/bloody nose - 2 days ago
46	QW218D	Char	1		18d Stuffy/bloody nose - 3 days ago
47	QW219A	Char	1		19a Sore throat/hoarseness - no days
48	QW219B	Char	1		19b Sore throat/hoarseness - yesterday
49	QW219C	Char	1		19c Sore throat/hoarseness - 2 days ago
50	QW219D	Char	1		19d Sore throat/hoarseness - 3 days ago
51	QW220A	Char	1		20a Tooth ache/jaw pain - no days
52	QW220B	Char	1		20b Tooth ache/jaw pain - yesterday
53	QW220C	Char	1		20c Tooth ache/jaw pain - 2 days ago
54	QW220D	Char	1		20d Tooth ache/jaw pain - 3 days ago
55	QW221A	Char	1		21a Bleeding lips/tongue - no days
56	QW221B	Char	1		21b Bleeding lips/tongue - yesterday
57	QW221C	Char	1		21c Bleeding lips/tongue - 2 days ago
58	QW221D	Char	1		21d Bleeding lips/tongue - 3 days ago
59	QW222A	Char	1		22a Coughing/wheezing - no days
60	QW222B	Char	1		22b Coughing/wheezing - yesterday
61	QW222C	Char	1		22c Coughing/wheezing - 2 days ago
62	QW222D	Char	1		22d Coughing/wheezing - 3 days ago
63	QW223A	Char	1		23a Shortness of breath - no days
64	QW223B	Char	1		23b Shortness of breath - yesterday
65	QW223C	Char	1		23c Shortness of breath - 2 days ago
66	QW223D	Char	1		23d Shortness of breath - 3 days ago
67	QW224A	Char	1		24a Chest pain/pressure - no days
68	QW224B	Char	1		24b Chest pain/pressure - yesterday
69	QW224C	Char	1		24c Chest pain/pressure - 2 days ago
70	QW224D	Char	1		24d Chest pain/pressure - 3 days ago
71	QW225A	Char	1		25a Upset stomach/nausea - no days
72	QW225B	Char	1		25b Upset stomach/nausea - yesterday
73	QW225C	Char	1		25c Upset stomach/nausea - 2 days ago
74	QW225D	Char	1		25d Upset stomach/nausea - 3 days ago
75	QW226A	Char	1		26a Diarrhea, constipation - no days

Num	Variable	Type	Len	Format	Label
76	QW226B	Char	1		26b Diarrhea, constipation - yesterday
77	QW226C	Char	1		26c Diarrhea, constipation - 2 days ago
78	QW226D	Char	1		26d Diarrhea, constipation - 3 days ago
79	QW227A	Char	1		27a Pain/blood in urine - no days
80	QW227B	Char	1		27b Pain/blood in urine - yesterday
81	QW227C	Char	1		27c Pain/blood in urine - 2 days ago
82	QW227D	Char	1		27d Pain/blood in urine - 3 days ago
83	QW228A	Char	1		28a Loss of bladder control - no days
84	QW228B	Char	1		28b Loss of bladder control - yesterday
85	QW228C	Char	1		28c Loss of bladder control - 2 days ago
86	QW228D	Char	1		28d Loss of bladder control - 3 days ago
87	QW229A	Char	1		29a Genital pain - no days
88	QW229B	Char	1		29b Genital pain - yesterday
89	QW229C	Char	1		29c Genital pain - 2 days ago
90	QW229D	Char	1		29d Genital pain - 3 days ago
91	QW230A	Char	1		30a Broken bone - no days
92	QW230B	Char	1		30b Broken bone - yesterday
93	QW230C	Char	1		30c Broken bone - 2 days ago
94	QW230D	Char	1		30d Broken bone - 3 days ago
95	QW231A	Char	1		31a Pain in neck/back - no days
96	QW231B	Char	1		31b Pain in neck/back - yesterday
97	QW231C	Char	1		31c Pain in neck/back - 2 days ago
98	QW231D	Char	1		31d Pain in neck/back - 3 days ago
99	QW232A	Char	1		32a Pain in hips/sides - no days
100	QW232B	Char	1		32b Pain in hips/sides - yesterday
101	QW232C	Char	1		32c Pain in hips/sides - 2 days ago
102	QW232D	Char	1		32d Pain in hips/sides - 3 days ago
103	QW233A	Char	1		33a Pain in any joints - no days
104	QW233B	Char	1		33b Pain in any joints - yesterday
105	QW233C	Char	1		33c Pain in any joints - 2 days ago
106	QW233D	Char	1		33d Pain in any joints - 3 days ago
107	QW234A	Char	1		34a Swelling - no days
108	QW234B	Char	1		34b Swelling - yesterday
109	QW234C	Char	1		34c Swelling - 2 days ago
110	QW234D	Char	1		34d Swelling - 3 days ago
111	QW235A	Char	1		35a Fever, chills or sweats - no days
112	QW235B	Char	1		35b Fever, chills or sweats - yesterday
113	QW235C	Char	1		35c Fever, chills or sweats - 2 days ago
114	QW235D	Char	1		35d Fever, chills or sweats - 3 days ago

Num	Variable	Type	Len	Format	Label
115	QW236A	Char	1		36a Loss of consciousness - no days
116	QW236B	Char	1		36b Loss of consciousness - yesterday
117	QW236C	Char	1		36c Loss of consciousness - 2 days ago
118	QW236D	Char	1		36d Loss of consciousness - 3 days ago
119	QW237A	Char	1		37a Difficulty w/balance - no days
120	QW237B	Char	1		37b Difficulty w/balance - yesterday
121	QW237C	Char	1		37c Difficulty w/balance - 2 days ago
122	QW237D	Char	1		37d Difficulty w/balance - 3 days ago
123	QW238A	Char	1		38a Sleep problems - no days
124	QW238B	Char	1		38b Sleep problems - yesterday
125	QW238C	Char	1		38c Sleep problems - 2 days ago
126	QW238D	Char	1		38d Sleep problems - 3 days ago
127	QW239A	Char	1		39a Nervous, shaky - no days
128	QW239B	Char	1		39b Nervous, shaky - yesterday
129	QW239C	Char	1		39c Nervous, shaky - 2 days ago
130	QW239D	Char	1		39d Nervous, shaky - 3 days ago
131	QW240A	Char	1		40a Downhearted, blue - no days
132	QW240B	Char	1		40b Downhearted, blue - yesterday
133	QW240C	Char	1		40c Downhearted, blue - 2 days ago
134	QW240D	Char	1		40d Downhearted, blue - 3 days ago
135	QW241A	Char	1		41a Excessive worry, anxiety - no days
136	QW241B	Char	1		41b Excessive worry, anxiety - yesterday
137	QW241C	Char	1		41c Excessive worry, anxiety - 2 days ag
138	QW241D	Char	1		41d Excessive worry, anxiety - 3 days ag
139	QW242A	Char	1		42a Feeling out of control - no days
140	QW242B	Char	1		42b Feeling out of control - yesterday
141	QW242C	Char	1		42c Feeling out of control - 2 days ago
142	QW242D	Char	1		42d Feeling out of control - 3 days ago
143	QW243A	Char	1		43a Feeling lonely - no days
144	QW243B	Char	1		43b Feeling lonely - yesterday
145	QW243C	Char	1		43c Feeling lonely - 2 days ago
146	QW243D	Char	1		43d Feeling lonely - 3 days ago
147	QW244A	Char	1		44a Frustrated, irritated - no days
148	QW244B	Char	1		44b Frustrated, irritated - yesterday
149	QW244C	Char	1		44c Frustrated, irritated - 2 days ago
150	QW244D	Char	1		44d Frustrated, irritated - 3 days ago
151	QW245A	Char	1		45a Hangover - no days
152	QW245B	Char	1		45b Hangover - yesterday
153	QW245C	Char	1		45c Hangover - 2 days ago

Num	Variable	Type	Len	Format	Label
154	QW245D	Char	1		45d Hangover - 3 days ago
155	QW246A	Char	1		46a Decreased sexual interest - no days
156	QW246B	Char	1		46b Decreased sexual interest - yesterda
157	QW246C	Char	1		46c Decreased sexual interest - 2 days a
158	QW246D	Char	1		46d Decreased sexual interest - 3 days a
159	QW247A	Char	1		47a Confusion, memory loss - no days
160	QW247B	Char	1		47b Confusion, memory loss - yesterday
161	QW247C	Char	1		47c Confusion, memory loss - 2 days ago
162	QW247D	Char	1		47d Confusion, memory loss - 3 days ago
163	QW248A	Char	1		48a Obsessive thoughts - no days
164	QW248B	Char	1		48b Obsessive thoughts - yesterday
165	QW248C	Char	1		48c Obsessive thoughts - 2 days ago
166	QW248D	Char	1		48d Obsessive thoughts - 3 days ago
167	QW249A	Char	1		49a Take any medications - no days
168	QW249B	Char	1		49b Take any medications - yesterday
169	QW249C	Char	1		49c Take any medications - 2 days ago
170	QW249D	Char	1		49d Take any medications - 3 days ago
171	QW250A	Char	1		50a Medically prescribed diet - no days
172	QW250B	Char	1		50b Medically prescribed diet - yesterda
173	QW250C	Char	1		50c Medically prescribed diet - 2 days a
174	QW250D	Char	1		50d Medically prescribed diet - 3 days a
175	QW251A	Char	1		51a Appetite loss/overeating - no days
176	QW251B	Char	1		51b Appetite loss/overeating - yesterday
177	QW251C	Char	1		51c Appetite loss/overeating - 2 days ag
178	QW251D	Char	1		51d Appetite loss/overeating - 3 days ag
179	QW252	Char	1		52 Any other symptoms
180	QW252AB	Char	1		52a Other symptom - yesterday
181	QW252AC	Char	1		52a Other symptom - 2 days ago
182	QW252AD	Char	1		52a Other symptom - 3 days ago
183	QW252BB	Char	1		52b Other symptom - yesterday
184	QW252BC	Char	1		52b Other symptom - 2 days ago
185	QW252BD	Char	1		52b Other symptom - 3 days ago
186	QW253A	Char	1		53a Been in hospital - no days
187	QW253B	Char	1		53b Been in hospital - yesterday
188	QW253C	Char	1		53c Been in hospital - 2 days ago
189	QW253D	Char	1		53d Been in hospital - 3 days ago
190	QW254A	Char	1		54a Need help w/personal care - no days
191	QW254B	Char	1		54b Need help w/personal care - yesterda
192	QW254C	Char	1		54c Need help w/personal care - 2 days a

Num	Variable	Type	Len	Format	Label
193	QW254D	Char	1		54d Need help w/personal care - 3 days a
194	QW255A	Char	1		55a Drive a vehicle - no days
195	QW255B	Char	1		55a Drive a vehicle - yesterday
196	QW255C	Char	1		55c Drive a vehicle - 2 days ago
197	QW255D	Char	1		55d Drive a vehicle - 3 days ago
198	QW256A	Char	1		56a Use public transportation - no days
199	QW256B	Char	1		56b Use public transportation - yesterda
200	QW256C	Char	1		56c Use public transportation - 2 days a
201	QW256D	Char	1		56d Use public transportation - 3 days a
202	QW257A	Char	1		57a Not drive - no days
203	QW257B	Char	1		57b Not drive - yesterday
204	QW257C	Char	1		57c Not drive - 2 days ago
205	QW257D	Char	1		57d Not drive - 3 days ago
206	QW258A	Char	1		58a Trouble climbing stairs - no days
207	QW258B	Char	1		58b Trouble climbing stairs - yesterday
208	QW258C	Char	1		58c Trouble climbing stairs - 2 days ago
209	QW258D	Char	1		58d Trouble climbing stairs - 3 days ago
210	QW259A	Char	1		59a Avoid walking - no days
211	QW259B	Char	1		59b Avoid walking - yesterday
212	QW259C	Char	1		59c Avoid walking - 2 days ago
213	QW259D	Char	1		59d Avoid walking - 3 days ago
214	QW260A	Char	1		60a Limp/use cane - no days
215	QW260B	Char	1		60b Limp/use cane - yesterday
216	QW260C	Char	1		60c Limp/use cane - 2 days ago
217	QW260D	Char	1		60d Limp/use cane - 3 days ago
218	QW261A	Char	1		61a Avoid bending - no days
219	QW261B	Char	1		61b Avoid bending - yesterday
220	QW261C	Char	1		61c Avoid bending - 2 days ago
221	QW261D	Char	1		61d Avoid bending - 3 days ago
222	QW262A	Char	1		62a Trouble lifting - no days
223	QW262B	Char	1		62b Trouble lifting - yesterday
224	QW262C	Char	1		62c Trouble lifting - 2 days ago
225	QW262D	Char	1		62d Trouble lifting - 3 days ago
226	QW263A	Char	1		63a Other physical limitations - no days
227	QW263B	Char	1		63b Other physical limitations - yesterd
228	QW263C	Char	1		63c Other physical limitations - 2 days
229	QW263D	Char	1		63d Other physical limitations - 3 days
230	QW264A	Char	1		64a Spend day in bed - no days
231	QW264B	Char	1		64b Spend day in bed - yesterday

Num	Variable	Type	Len	Format	Label
232	QW264C	Char	1		64c Spend day in bed - 2 days ago
233	QW264D	Char	1		64d Spend day in bed - 3 days ago
234	QW265A	Char	1		65a Spend day in wheelchair - no days
235	QW265B	Char	1		65b Spend day in wheelchair - yesterday
236	QW265C	Char	1		65c Spend day in wheelchair - 2 days ago
237	QW265D	Char	1		65d Spend day in wheelchair - 3 days ago
238	QW266A	Char	1		66a Wheelchair in other's control-no da
239	QW266B	Char	1		66b Wheelchair in other's control-yeste
240	QW266C	Char	1		66c Wheelchair in other's control-2 day
241	QW266D	Char	1		66d Wheelchair in other's control-3 day
242	QW267A	Char	1		67a Need help w/activities - no days
243	QW267B	Char	1		67b Need help w/activities - yesterday
244	QW267C	Char	1		67c Need help w/activities - 2 days ago
245	QW267D	Char	1		67d Need help w/activities - 3 days ago
246	QW268A	Char	1		68a Avoid activities - no days
247	QW268B	Char	1		68b Avoid activities - yesterday
248	QW268C	Char	1		68c Avoid activities - 2 days ago
249	QW268D	Char	1		68d Avoid activities - 3 days ago
250	QW269A	Char	1		69a Change plans - no days
251	QW269B	Char	1		69b Change plans - yesterday
252	QW269C	Char	1		69c Change plans - 2 days ago
253	QW269D	Char	1		69d Change plans - 3 days ago
254	QW271	Char	3		71 Health rating (0-100)
255	QWB_1	Num	8	BEST12.	QWB score 1 day ago
256	QWB_2	Num	8	BEST12.	QWB score 2 days ago
257	QWB_3	Num	8	BEST12.	QWB score 3 days ago
258	QWB_TOT	Num	8	BEST12.	QWB over all 3 days (sum)
259	QWB_AVE	Num	8	BEST12.	QWB over all 3 days (average)
260	NEWNETT	Char	5		New NETT patient ID no.
261	FORMDATE	Num	8	BEST12.	#4 cnvrtd to #days frm RZ/scr strt

Data Set Name: rcore.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		Visit s1,f06-6mosaftrRZ,f36-36mos aftrRZ
2	HISTORIG	Num	8	BEST12.	
3	SLICETHI	Char	14		Slice thickness
4	INTERCEP	Num	8	BEST12.	Value used to convert voxels into HU
5	VXSIZE	Num	8	BEST12.	Voxel size
6	ENTITYVE	Char	18		Histogram pgm version number
7	TOTVX	Num	8	BEST12.	Total number of voxels in a region
8	BE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
9	BE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
10	BE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
11	BE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
12	BE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
13	BE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
14	BE900	Num	8	BEST12.	No. of voxels below -900 HU in a region
15	BE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
16	BE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
17	BE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
18	BE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
19	BE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
20	BE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
21	BE640	Num	8	BEST12.	No. of voxels below -640 HU in a region
22	BE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
23	BE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
24	AE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
25	AE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
26	AE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
27	AE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
28	AE250	Num	8	BEST12.	No. of voxels above -250 HU in a region
29	MEAN	Num	8	BEST12.	Mean
30	MED	Num	8	BEST12.	Median
31	VAR	Num	8	BEST12.	Variance
32	SD	Num	8	BEST12.	Standard deviation
33	SKEW	Num	8	BEST12.	Skewness
34	KURT	Num	8	BEST12.	Kurtosis
35	FWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
36	AIRV	Num	8	BEST12.	Volume of region that is air (ml)

Num	Variable	Type	Len	Format	Label
37	TISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
38	TOTV	Num	8	BEST12.	Total volume of region (cubic ml)
39	KNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
40	KSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
41	KINT	Num	8	BEST12.	Knee intercept
42	ANKL	Num	8	BEST12.	Ankle
43	ASLP	Num	8	BEST12.	Ankle slope
44	AINT	Num	8	BEST12.	Ankle intercept
45	CCUTOFF	Num	8	BEST12.	See IAC Scan Analysis variables listing
46	CVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
47	CVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
48	CVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
49	CVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
50	CVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
51	CVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
52	CVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
53	CVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
54	LTOTVX	Num	8	BEST12.	Total number of voxels in a region
55	LBE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
56	LBE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
57	LBE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
58	LBE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
59	LBE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
60	LBE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
61	LBE900	Num	8	BEST12.	No. of voxels below -900 HU in a region
62	LBE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
63	LBE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
64	LBE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
65	LBE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
66	LBE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
67	LBE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
68	LBE640	Num	8	BEST12.	No. of voxels below -640 HU in a region
69	LBE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
70	LBE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
71	LAE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
72	LAE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
73	LAE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
74	LAE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
75	LAE250	Num	8	BEST12.	No. of voxels above -250 HU in a region

Num	Variable	Type	Len	Format	Label
76	LMEAN	Num	8	BEST12.	Mean
77	LMED	Num	8	BEST12.	Median
78	LVAR	Num	8	BEST12.	Variance
79	LSD	Num	8	BEST12.	Standard deviation
80	LSKEW	Num	8	BEST12.	Skewness
81	LKURT	Num	8	BEST12.	Kurtosis
82	LFWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
83	LAIRV	Num	8	BEST12.	Volume of region that is air (ml)
84	LTISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
85	LTOTV	Num	8	BEST12.	Total volume of region (cubic ml)
86	LKNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
87	LKSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
88	LKINT	Num	8	BEST12.	Knee intercept
89	LANKL	Num	8	BEST12.	Ankle
90	LASLP	Num	8	BEST12.	Ankle slope
91	LAINT	Num	8	BEST12.	Ankle intercept
92	LCVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
93	LCVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
94	LCVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
95	LCVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
96	LCVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
97	LCVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
98	LCVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
99	LCVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
100	MTOTVX	Num	8	BEST12.	Total number of voxels in a region
101	MBE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
102	MBE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
103	MBE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
104	MBE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
105	MBE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
106	MBE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
107	MBE900	Num	8	BEST12.	No. of voxels below -900 HU in a region
108	MBE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
109	MBE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
110	MBE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
111	MBE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
112	MBE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
113	MBE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
114	MBE640	Num	8	BEST12.	No. of voxels below -640 HU in a region

Num	Variable	Type	Len	Format	Label
115	MBE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
116	MBE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
117	MAE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
118	MAE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
119	MAE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
120	MAE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
121	MAE250	Num	8	BEST12.	No. of voxels above -250 HU in a region
122	MMEAN	Num	8	BEST12.	Mean
123	MMED	Num	8	BEST12.	Median
124	MVAR	Num	8	BEST12.	Variance
125	MSD	Num	8	BEST12.	Standard deviation
126	MSKEW	Num	8	BEST12.	Skewness
127	MKURT	Num	8	BEST12.	Kurtosis
128	MFWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
129	MAIRV	Num	8	BEST12.	Volume of region that is air (ml)
130	MTISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
131	MTOTV	Num	8	BEST12.	Total volume of region (cubic ml)
132	MKNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
133	MKSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
134	MKINT	Num	8	BEST12.	Knee intercept
135	MANKL	Num	8	BEST12.	Ankle
136	MASLP	Num	8	BEST12.	Ankle slope
137	MAINT	Num	8	BEST12.	Ankle intercept
138	MCVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
139	MCVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
140	MCVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
141	MCVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
142	MCVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
143	MCVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
144	MCVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
145	MCVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
146	UTOTVX	Num	8	BEST12.	Total number of voxels in a region
147	UBE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
148	UBE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
149	UBE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
150	UBE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
151	UBE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
152	UBE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
153	UBE900	Num	8	BEST12.	No. of voxels below -900 HU in a region

Num	Variable	Type	Len	Format	Label
154	UBE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
155	UBE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
156	UBE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
157	UBE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
158	UBE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
159	UBE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
160	UBE640	Num	8	BEST12.	No. of voxels below -640 HU in a region
161	UBE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
162	UBE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
163	UAE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
164	UAE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
165	UAE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
166	UAE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
167	UAE250	Num	8	BEST12.	No. of voxels above -250 HU in a region
168	UMEAN	Num	8	BEST12.	Mean
169	UMED	Num	8	BEST12.	Median
170	UVAR	Num	8	BEST12.	Variance
171	USD	Num	8	BEST12.	Standard deviation
172	USKEW	Num	8	BEST12.	Skewness
173	UKURT	Num	8	BEST12.	Kurtosis
174	UFWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
175	UAIRV	Num	8	BEST12.	Volume of region that is air (ml)
176	UTISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
177	UTOTV	Num	8	BEST12.	Total volume of region (cubic ml)
178	UKNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
179	UKSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
180	UKINT	Num	8	BEST12.	Knee intercept
181	UANKL	Num	8	BEST12.	Ankle
182	UASLP	Num	8	BEST12.	Ankle slope
183	UAINT	Num	8	BEST12.	Ankle intercept
184	UCVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
185	UCVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
186	UCVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
187	UCVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
188	UCVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
189	UCVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
190	UCVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
191	UCVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
192	HU10	Num	8	BEST12.	HU value below which 10% of voxels fall

Num	Variable	Type	Len	Format	Label
193	HU15	Num	8	BEST12.	HU value below which 15% of voxels fall
194	HU20	Num	8	BEST12.	HU value below which 20% of voxels fall
195	LHU10	Num	8	BEST12.	HU value below which 10% of voxels fall
196	LHU15	Num	8	BEST12.	HU value below which 15% of voxels fall
197	LHU20	Num	8	BEST12.	HU value below which 20% of voxels fall
198	MHU10	Num	8	BEST12.	HU value below which 10% of voxels fall
199	MHU15	Num	8	BEST12.	HU value below which 15% of voxels fall
200	MHU20	Num	8	BEST12.	HU value below which 20% of voxels fall
201	UHU10	Num	8	BEST12.	HU value below which 10% of voxels fall
202	UHU15	Num	8	BEST12.	HU value below which 15% of voxels fall
203	UHU20	Num	8	BEST12.	HU value below which 20% of voxels fall
204	PASSVER	Char	13		
205	NEWNETT	Char	5		New NETT patient ID no.
206	SCANDATE	Num	8	BEST12.	scandate cnvrtd to #days frm RZ/scr strt
207	HRCREATE	Num	8	BEST12.	hrcreate cnvrtd to #days frm RZ/scr strt

Data Set Name: rcs.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	RC207A	Char	1		7a Volumetric helical/spiral
4	RC207B	Char	1		7b HRCT-suspended end expiration (FRC)
5	RC207C	Char	1		7c HRCT-suspended full inspiration (TLC
6	RC208AR	Char	1		8a HRCT severity: upper right zone
7	RC208AL	Char	1		8a HRCT severity: upper left zone
8	RC208BR	Char	1		8b HRCT severity: middle right zone
9	RC208BL	Char	1		8b HRCT severity: middle left zone
10	RC208CR	Char	1		8c HRCT severity: lower right zone
11	RC208CL	Char	1		8c HRCT severity: lower left zone
12	RC209	Char	1		9 Description of axial distribution of
13	RC210	Char	1		10 Description craniocaudal distributio
14	RC211A	Char	1		11a Evidence of prior thoracic surgery
15	RC211B	Char	1		11b Pulmonary nodules or masses
16	RC211C	Char	1		11c Interstitial lung disease
17	RC211D	Char	1		11d Bronchiectasis
18	RC211E	Char	1		11e Active infection
19	RC211F	Char	1		11f Giant bulla
20	RC211G	Char	1		11g Lobar or segmental collapse
21	RC211H	Char	1		11h Mediastinal/hilar mass, enlarged lym
22	RC211I	Char	1		11i Enlarged pulmonary arteries
23	RC211J	Char	1		11j Pleural thickening or effusion
24	RC211K	Char	1		11k Skeletal deformity
25	RC211L	Char	1		11l Other ancillary observation
26	RC211M	Char	1		11m None
27	HETEROBL	Num	8	BEST12.	1=heterog, 0=other, at BL
28	UPPLOBBL	Num	8	BEST12.	1=upper lobe predominant, 0=other, at BL
29	NEWNETT	Char	5		New NETT patient ID no.
30	FORMDATE	Num	8	BEST12.	#4 cnvrtd to #days frm RZ/scr strt

Data Set Name: resid.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		Visit code fxx where xx=mos since RZ
2	RESID	Num	8	BEST12.	1=home,2=nursng/rehab,3=acute care
3	NEWNETT	Char	5		New NETT patient ID no.

Data Set Name: rhole.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		Visit s1,f06-6mosaftrRZ,f36-36mos aftrRZ
2	RIGTHWHO	Num	8	BEST12.	
3	SLICETHI	Char	14		Slice thickness
4	INTERCEP	Num	8	BEST12.	Value used to convert voxels into HU
5	VXSIZE	Num	8	BEST12.	Voxel size
6	ENTITYVE	Char	18		Hole pgm version number
7	CUTOFF_1	Num	8	BEST12.	At -950, see IAC Scan Analysis vbl list
8	ALPHA_1	Num	8	BEST12.	At -950, see IAC Scan Analysis vbl list
9	C1_1	Num	8	BEST12.	Y intercept at -950
10	CUTOFF_2	Num	8	BEST12.	At -930, see IAC Scan Analysis vbl list
11	ALPHA_2	Num	8	BEST12.	At -930, see IAC Scan Analysis vbl list
12	C1_2	Num	8	BEST12.	Y intercept at -930
13	CUTOFF_3	Num	8	BEST12.	At -910, see IAC Scan Analysis vbl list
14	ALPHA_3	Num	8	BEST12.	At -910, see IAC Scan Analysis vbl list
15	C1_3	Num	8	BEST12.	Y intercept at -910
16	CUTOFF_4	Num	8	BEST12.	At -890, see IAC Scan Analysis vbl list
17	ALPHA_4	Num	8	BEST12.	At -890, see IAC Scan Analysis vbl list
18	C1_4	Num	8	BEST12.	Y intercept at -890
19	CUTOFF_5	Num	8	BEST12.	At -870, see IAC Scan Analysis vbl list
20	ALPHA_5	Num	8	BEST12.	At -870, see IAC Scan Analysis vbl list
21	C1_5	Num	8	BEST12.	Y intercept at -870
22	CUTOFF_6	Num	8	BEST12.	At -850, see IAC Scan Analysis vbl list
23	ALPHA_6	Num	8	BEST12.	At -850, see IAC Scan Analysis vbl list
24	C1_6	Num	8	BEST12.	Y intercept at -850
25	LCUTOFF_	Num	8	BEST12.	At -850, see IAC Scan Analysis vbl list
26	LALPHA_1	Num	8	BEST12.	At -950, see IAC Scan Analysis vbl list
27	LC1_1	Num	8	BEST12.	Y intercept at -950
28	LCUTOFF1	Num	8	BEST12.	At -950, see IAC Scan Analysis vbl list
29	LALPHA_2	Num	8	BEST12.	At -930, see IAC Scan Analysis vbl list
30	LC1_2	Num	8	BEST12.	Y intercept at -930
31	LCUTOFF2	Num	8	BEST12.	At -930, see IAC Scan Analysis vbl list
32	LALPHA_3	Num	8	BEST12.	At -910, see IAC Scan Analysis vbl list
33	LC1_3	Num	8	BEST12.	Y intercept at -910
34	LCUTOFF3	Num	8	BEST12.	At -910, see IAC Scan Analysis vbl list
35	LALPHA_4	Num	8	BEST12.	At -890, see IAC Scan Analysis vbl list
36	LC1_4	Num	8	BEST12.	Y intercept at -890

Num	Variable	Type	Len	Format	Label
37	LCUTOFF4	Num	8	BEST12.	At -890, see IAC Scan Analysis vbl list
38	LALPHA_5	Num	8	BEST12.	At -870, see IAC Scan Analysis vbl list
39	LC1_5	Num	8	BEST12.	Y intercept at -870
40	LCUTOFF5	Num	8	BEST12.	At -870, see IAC Scan Analysis vbl list
41	LALPHA_6	Num	8	BEST12.	At -850, see IAC Scan Analysis vbl list
42	LC1_6	Num	8	BEST12.	Y intercept at -850
43	MCUTOFF_	Num	8	BEST12.	At -850, see IAC Scan Analysis vbl list
44	MALPHA_1	Num	8	BEST12.	At -950, see IAC Scan Analysis vbl list
45	MC1_1	Num	8	BEST12.	Y intercept at -950
46	MCUTOFF1	Num	8	BEST12.	At -950, see IAC Scan Analysis vbl list
47	MALPHA_2	Num	8	BEST12.	At -930, see IAC Scan Analysis vbl list
48	MC1_2	Num	8	BEST12.	Y intercept at -930
49	MCUTOFF2	Num	8	BEST12.	At -930, see IAC Scan Analysis vbl list
50	MALPHA_3	Num	8	BEST12.	At -910, see IAC Scan Analysis vbl list
51	MC1_3	Num	8	BEST12.	Y intercept at -910
52	MCUTOFF3	Num	8	BEST12.	At -910, see IAC Scan Analysis vbl list
53	MALPHA_4	Num	8	BEST12.	At -890, see IAC Scan Analysis vbl list
54	MC1_4	Num	8	BEST12.	Y intercept at -890
55	MCUTOFF4	Num	8	BEST12.	At -890, see IAC Scan Analysis vbl list
56	MALPHA_5	Num	8	BEST12.	At -870, see IAC Scan Analysis vbl list
57	MC1_5	Num	8	BEST12.	Y intercept at -870
58	MCUTOFF5	Num	8	BEST12.	At -870, see IAC Scan Analysis vbl list
59	MALPHA_6	Num	8	BEST12.	At -850, see IAC Scan Analysis vbl list
60	MC1_6	Num	8	BEST12.	Y intercept at -850
61	UCUTOFF_	Num	8	BEST12.	At -850, see IAC Scan Analysis vbl list
62	UALPHA_1	Num	8	BEST12.	At -950, see IAC Scan Analysis vbl list
63	UC1_1	Num	8	BEST12.	Y intercept at -950
64	UCUTOFF1	Num	8	BEST12.	At -950, see IAC Scan Analysis vbl list
65	UALPHA_2	Num	8	BEST12.	At -930, see IAC Scan Analysis vbl list
66	UC1_2	Num	8	BEST12.	Y intercept at -930
67	UCUTOFF2	Num	8	BEST12.	At -930, see IAC Scan Analysis vbl list
68	UALPHA_3	Num	8	BEST12.	At -910, see IAC Scan Analysis vbl list
69	UC1_3	Num	8	BEST12.	Y intercept at -910
70	UCUTOFF3	Num	8	BEST12.	At -910, see IAC Scan Analysis vbl list
71	UALPHA_4	Num	8	BEST12.	At -890, see IAC Scan Analysis vbl list
72	UC1_4	Num	8	BEST12.	Y intercept at -890
73	UCUTOFF4	Num	8	BEST12.	At -890, see IAC Scan Analysis vbl list
74	UALPHA_5	Num	8	BEST12.	At -870, see IAC Scan Analysis vbl list
75	UC1_5	Num	8	BEST12.	Y intercept at -870

Num	Variable	Type	Len	Format	Label
76	UCUTOFF5	Num	8	BEST12.	At -870, see IAC Scan Analysis vbl list
77	UALPHA_6	Num	8	BEST12.	At -850, see IAC Scan Analysis vbl list
78	UC1_6	Num	8	BEST12.	Y intercept at -850
79	PASSVER	Char	13		
80	NEWNETT	Char	5		New NETT patient ID no.
81	SCANDATE	Num	8	BEST12.	scandate cnvrtd to #days frm RZ/scr strt
82	HWCREATE	Num	8	BEST12.	hwcreate cnvrtd to #days frm RZ/scr strt

Data Set Name: rpeel.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		Visit s1,f06-6mosaftrRZ,f36-36mos aftrRZ
2	HISTORIG	Num	8	BEST12.	
3	SLICETHI	Char	14		Slice thickness
4	INTERCEP	Num	8	BEST12.	Value used to convert voxels into HU
5	VXSIZE	Num	8	BEST12.	Voxel size
6	ENTITYVE	Char	18		Histogram pgm version number
7	TOTVX	Num	8	BEST12.	Total number of voxels in a region
8	BE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
9	BE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
10	BE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
11	BE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
12	BE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
13	BE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
14	BE900	Num	8	BEST12.	No. of voxels below -900 HU in a region
15	BE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
16	BE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
17	BE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
18	BE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
19	BE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
20	BE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
21	BE640	Num	8	BEST12.	No. of voxels below -640 HU in a region
22	BE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
23	BE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
24	AE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
25	AE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
26	AE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
27	AE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
28	AE250	Num	8	BEST12.	No. of voxels above -250 HU in a region
29	MEAN	Num	8	BEST12.	Mean
30	MED	Num	8	BEST12.	Median
31	VAR	Num	8	BEST12.	Variance
32	SD	Num	8	BEST12.	Standard deviation
33	SKEW	Num	8	BEST12.	Skewness
34	KURT	Num	8	BEST12.	Kurtosis
35	FWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
36	AIRV	Num	8	BEST12.	Volume of region that is air (ml)

Num	Variable	Type	Len	Format	Label
37	TISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
38	TOTV	Num	8	BEST12.	Total volume of region (cubic ml)
39	KNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
40	KSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
41	KINT	Num	8	BEST12.	Knee intercept
42	ANKL	Num	8	BEST12.	Ankle
43	ASLP	Num	8	BEST12.	Ankle slope
44	AINT	Num	8	BEST12.	Ankle intercept
45	CCUTOFF	Num	8	BEST12.	See IAC Scan Analysis variables listing
46	CVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
47	CVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
48	CVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
49	CVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
50	CVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
51	CVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
52	CVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
53	CVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
54	LTOTVX	Num	8	BEST12.	Total number of voxels in a region
55	LBE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
56	LBE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
57	LBE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
58	LBE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
59	LBE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
60	LBE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
61	LBE900	Num	8	BEST12.	No. of voxels below -900 HU in a region
62	LBE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
63	LBE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
64	LBE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
65	LBE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
66	LBE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
67	LBE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
68	LBE640	Num	8	BEST12.	No. of voxels below -640 HU in a region
69	LBE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
70	LBE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
71	LAE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
72	LAE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
73	LAE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
74	LAE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
75	LAE250	Num	8	BEST12.	No. of voxels above -250 HU in a region

Num	Variable	Type	Len	Format	Label
76	LMEAN	Num	8	BEST12.	Mean
77	LMED	Num	8	BEST12.	Median
78	LVAR	Num	8	BEST12.	Variance
79	LSD	Num	8	BEST12.	Standard deviation
80	LSKEW	Num	8	BEST12.	Skewness
81	LKURT	Num	8	BEST12.	Kurtosis
82	LFWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
83	LAIRV	Num	8	BEST12.	Volume of region that is air (ml)
84	LTISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
85	LTOTV	Num	8	BEST12.	Total volume of region (cubic ml)
86	LKNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
87	LKSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
88	LKINT	Num	8	BEST12.	Knee intercept
89	LANKL	Num	8	BEST12.	Ankle
90	LASLP	Num	8	BEST12.	Ankle slope
91	LAINT	Num	8	BEST12.	Ankle intercept
92	LCVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
93	LCVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
94	LCVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
95	LCVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
96	LCVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
97	LCVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
98	LCVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
99	LCVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
100	MTOTVX	Num	8	BEST12.	Total number of voxels in a region
101	MBE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
102	MBE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
103	MBE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
104	MBE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
105	MBE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
106	MBE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
107	MBE900	Num	8	BEST12.	No. of voxels below -900 HU in a region
108	MBE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
109	MBE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
110	MBE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
111	MBE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
112	MBE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
113	MBE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
114	MBE640	Num	8	BEST12.	No. of voxels below -640 HU in a region

Num	Variable	Type	Len	Format	Label
115	MBE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
116	MBE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
117	MAE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
118	MAE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
119	MAE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
120	MAE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
121	MAE250	Num	8	BEST12.	No. of voxels above -250 HU in a region
122	MMEAN	Num	8	BEST12.	Mean
123	MMED	Num	8	BEST12.	Median
124	MVAR	Num	8	BEST12.	Variance
125	MSD	Num	8	BEST12.	Standard deviation
126	MSKEW	Num	8	BEST12.	Skewness
127	MKURT	Num	8	BEST12.	Kurtosis
128	MFWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
129	MAIRV	Num	8	BEST12.	Volume of region that is air (ml)
130	MTISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
131	MTOTV	Num	8	BEST12.	Total volume of region (cubic ml)
132	MKNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
133	MKSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
134	MKINT	Num	8	BEST12.	Knee intercept
135	MANKL	Num	8	BEST12.	Ankle
136	MASLP	Num	8	BEST12.	Ankle slope
137	MAINT	Num	8	BEST12.	Ankle intercept
138	MCVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
139	MCVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
140	MCVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
141	MCVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
142	MCVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
143	MCVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
144	MCVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
145	MCVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
146	UTOTVX	Num	8	BEST12.	Total number of voxels in a region
147	UBE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
148	UBE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
149	UBE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
150	UBE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
151	UBE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
152	UBE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
153	UBE900	Num	8	BEST12.	No. of voxels below -900 HU in a region

Num	Variable	Type	Len	Format	Label
154	UBE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
155	UBE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
156	UBE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
157	UBE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
158	UBE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
159	UBE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
160	UBE640	Num	8	BEST12.	No. of voxels below -640 HU in a region
161	UBE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
162	UBE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
163	UAE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
164	UAE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
165	UAE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
166	UAE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
167	UAE250	Num	8	BEST12.	No. of voxels above -250 HU in a region
168	UMEAN	Num	8	BEST12.	Mean
169	UMED	Num	8	BEST12.	Median
170	UVAR	Num	8	BEST12.	Variance
171	USD	Num	8	BEST12.	Standard deviation
172	USKEW	Num	8	BEST12.	Skewness
173	UKURT	Num	8	BEST12.	Kurtosis
174	UFWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
175	UAIRV	Num	8	BEST12.	Volume of region that is air (ml)
176	UTISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
177	UTOTV	Num	8	BEST12.	Total volume of region (cubic ml)
178	UKNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
179	UKSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
180	UKINT	Num	8	BEST12.	Knee intercept
181	UANKL	Num	8	BEST12.	Ankle
182	UASLP	Num	8	BEST12.	Ankle slope
183	UAINT	Num	8	BEST12.	Ankle intercept
184	UCVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
185	UCVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
186	UCVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
187	UCVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
188	UCVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
189	UCVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
190	UCVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
191	UCVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
192	HU10	Num	8	BEST12.	HU value below which 10% of voxels fall

Num	Variable	Type	Len	Format	Label
193	HU15	Num	8	BEST12.	HU value below which 15% of voxels fall
194	HU20	Num	8	BEST12.	HU value below which 20% of voxels fall
195	LHU10	Num	8	BEST12.	HU value below which 10% of voxels fall
196	LHU15	Num	8	BEST12.	HU value below which 15% of voxels fall
197	LHU20	Num	8	BEST12.	HU value below which 20% of voxels fall
198	MHU10	Num	8	BEST12.	HU value below which 10% of voxels fall
199	MHU15	Num	8	BEST12.	HU value below which 15% of voxels fall
200	MHU20	Num	8	BEST12.	HU value below which 20% of voxels fall
201	UHU10	Num	8	BEST12.	HU value below which 10% of voxels fall
202	UHU15	Num	8	BEST12.	HU value below which 15% of voxels fall
203	UHU20	Num	8	BEST12.	HU value below which 20% of voxels fall
204	PASSVER	Char	13		
205	NEWNETT	Char	5		New NETT patient ID no.
206	SCANDATE	Num	8	BEST12.	scandate cnvrtd to #days frm RZ/scr strt
207	HRCREATE	Num	8	BEST12.	hrcreate cnvrtd to #days frm RZ/scr strt

Data Set Name: rps.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	RP207AR	Char	3		7a % perfusion: upper Rt
4	RP207AL	Char	3		7a % perfusion: upper Lt
5	RP207BR	Char	3		7b % perfusion: middle Rt
6	RP207BL	Char	3		7b % perfusion: middle Lt
7	RP207CR	Char	3		7c % perfusion: lower Rt
8	RP207CL	Char	3		7c % perfusion: lower Lt
9	RP208AR	Char	1		8a Perfusion homogenity score: upper Rt
10	RP208AL	Char	1		8a Perfusion homogenity score: upper Lt
11	RP208BR	Char	1		8b Perfusion homogenity score: middle Rt
12	RP208BL	Char	1		8b Perfusion homogenity score: middle Lt
13	RP208CR	Char	1		8c Perfusion homogenity score: lower Rt
14	RP208CL	Char	1		8c Perfusion homogenity score: lower Lt
15	PRAT	Num	8	BEST12.	perfusion ratio:(Ur+Ul)/(Mr+Ml+Lr+Ll)
16	NEWNETT	Char	5		New NETT patient ID no.
17	FORMDATE	Num	8	BEST12.	#4 cnvrtd to #days frm RZ/scr strt

Data Set Name: rrs.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	RR207	Char	1		7 Hyperinflation score
4	RR208A	Char	1		8a Evidence of prior thoracic surgery
5	RR208B	Char	1		8b Pumonary nodules or masses
6	RR208C	Char	1		8c Pumonary fibrosis
7	RR208D	Char	1		8d Bronchiectasis
8	RR208E	Char	1		8e Active infection
9	RR208F	Char	1		8f Unsuspected malignancy
10	RR208G	Char	1		8g Mediastinal masses or other abnormal
11	RR208H	Char	1		8h Enlarged pulmonary arteries
12	RR208I	Char	1		8i Pleural thickening or effusion
13	RR208J	Char	1		8j Skeletal deformity
14	RR208K	Char	1		8k Other observation
15	RR208L	Char	1		8l None
16	NEWNETT	Char	5		New NETT patient ID no.
17	FORMDATE	Num	8	BEST12.	#4 cnvrtd to #days frm RZ/scr strt

Data Set Name: rver2.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		Visit s1,f06-6mosaftrRZ,f36-36mos aftrRZ
2	HISTORIG	Num	8	BEST12.	
3	SLICETHI	Char	14		Slice thickness
4	INTERCEP	Num	8	BEST12.	Value used to convert voxels into HU
5	VXSIZE	Num	8	BEST12.	Voxel size
6	ENTITYVE	Char	18		Histogram pgm version number
7	TOTVX	Num	8	BEST12.	Total number of voxels in a region
8	BE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
9	BE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
10	BE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
11	BE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
12	BE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
13	BE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
14	BE900	Num	8	BEST12.	No. of voxels below -900 HU in a region
15	BE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
16	BE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
17	BE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
18	BE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
19	BE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
20	BE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
21	BE640	Num	8	BEST12.	No. of voxels below -640 HU in a region
22	BE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
23	BE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
24	AE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
25	AE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
26	AE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
27	AE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
28	AE250	Num	8	BEST12.	No. of voxels above -250 HU in a region
29	MEAN	Num	8	BEST12.	Mean
30	MED	Num	8	BEST12.	Median
31	VAR	Num	8	BEST12.	Variance
32	SD	Num	8	BEST12.	Standard deviation
33	SKEW	Num	8	BEST12.	Skewness
34	KURT	Num	8	BEST12.	Kurtosis
35	FWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
36	AIRV	Num	8	BEST12.	Volume of region that is air (ml)

Num	Variable	Type	Len	Format	Label
37	TISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
38	TOTV	Num	8	BEST12.	Total volume of region (cubic ml)
39	KNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
40	KSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
41	KINT	Num	8	BEST12.	Knee intercept
42	ANKL	Num	8	BEST12.	Ankle
43	ASLP	Num	8	BEST12.	Ankle slope
44	AINT	Num	8	BEST12.	Ankle intercept
45	CCUTOFF	Num	8	BEST12.	See IAC Scan Analysis variables listing
46	CVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
47	CVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
48	CVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
49	CVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
50	CVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
51	CVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
52	CVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
53	CVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
54	LTOTVX	Num	8	BEST12.	Total number of voxels in a region
55	LBE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
56	LBE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
57	LBE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
58	LBE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
59	LBE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
60	LBE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
61	LBE900	Num	8	BEST12.	No. of voxels below -900 HU in a region
62	LBE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
63	LBE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
64	LBE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
65	LBE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
66	LBE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
67	LBE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
68	LBE640	Num	8	BEST12.	No. of voxels below -640 HU in a region
69	LBE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
70	LBE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
71	LAE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
72	LAE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
73	LAE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
74	LAE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
75	LAE250	Num	8	BEST12.	No. of voxels above -250 HU in a region

Num	Variable	Type	Len	Format	Label
76	LMEAN	Num	8	BEST12.	Mean
77	LMED	Num	8	BEST12.	Median
78	LVAR	Num	8	BEST12.	Variance
79	LSD	Num	8	BEST12.	Standard deviation
80	LSKEW	Num	8	BEST12.	Skewness
81	LKURT	Num	8	BEST12.	Kurtosis
82	LFWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
83	LAIRV	Num	8	BEST12.	Volume of region that is air (ml)
84	LTISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
85	LTOTV	Num	8	BEST12.	Total volume of region (cubic ml)
86	LKNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
87	LKSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
88	LKINT	Num	8	BEST12.	Knee intercept
89	LANKL	Num	8	BEST12.	Ankle
90	LASLP	Num	8	BEST12.	Ankle slope
91	LAINT	Num	8	BEST12.	Ankle intercept
92	LCVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
93	LCVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
94	LCVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
95	LCVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
96	LCVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
97	LCVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
98	LCVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
99	LCVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
100	MTOTVX	Num	8	BEST12.	Total number of voxels in a region
101	MBE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
102	MBE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
103	MBE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
104	MBE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
105	MBE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
106	MBE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
107	MBE900	Num	8	BEST12.	No. of voxels below -900 HU in a region
108	MBE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
109	MBE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
110	MBE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
111	MBE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
112	MBE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
113	MBE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
114	MBE640	Num	8	BEST12.	No. of voxels below -640 HU in a region

Num	Variable	Type	Len	Format	Label
115	MBE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
116	MBE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
117	MAE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
118	MAE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
119	MAE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
120	MAE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
121	MAE250	Num	8	BEST12.	No. of voxels above -250 HU in a region
122	MMEAN	Num	8	BEST12.	Mean
123	MMED	Num	8	BEST12.	Median
124	MVAR	Num	8	BEST12.	Variance
125	MSD	Num	8	BEST12.	Standard deviation
126	MSKEW	Num	8	BEST12.	Skewness
127	MKURT	Num	8	BEST12.	Kurtosis
128	MFWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
129	MAIRV	Num	8	BEST12.	Volume of region that is air (ml)
130	MTISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
131	MTOTV	Num	8	BEST12.	Total volume of region (cubic ml)
132	MKNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
133	MKSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
134	MKINT	Num	8	BEST12.	Knee intercept
135	MANKL	Num	8	BEST12.	Ankle
136	MASLP	Num	8	BEST12.	Ankle slope
137	MAINT	Num	8	BEST12.	Ankle intercept
138	MCVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
139	MCVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
140	MCVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
141	MCVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
142	MCVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
143	MCVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
144	MCVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
145	MCVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
146	UTOTVX	Num	8	BEST12.	Total number of voxels in a region
147	UBE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
148	UBE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
149	UBE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
150	UBE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
151	UBE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
152	UBE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
153	UBE900	Num	8	BEST12.	No. of voxels below -900 HU in a region

Num	Variable	Type	Len	Format	Label
154	UBE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
155	UBE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
156	UBE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
157	UBE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
158	UBE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
159	UBE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
160	UBE640	Num	8	BEST12.	No. of voxels below -640 HU in a region
161	UBE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
162	UBE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
163	UAE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
164	UAE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
165	UAE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
166	UAE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
167	UAE250	Num	8	BEST12.	No. of voxels above -250 HU in a region
168	UMEAN	Num	8	BEST12.	Mean
169	UMED	Num	8	BEST12.	Median
170	UVAR	Num	8	BEST12.	Variance
171	USD	Num	8	BEST12.	Standard deviation
172	USKEW	Num	8	BEST12.	Skewness
173	UKURT	Num	8	BEST12.	Kurtosis
174	UFWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
175	UAIRV	Num	8	BEST12.	Volume of region that is air (ml)
176	UTISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
177	UTOTV	Num	8	BEST12.	Total volume of region (cubic ml)
178	UKNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
179	UKSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
180	UKINT	Num	8	BEST12.	Knee intercept
181	UANKL	Num	8	BEST12.	Ankle
182	UASLP	Num	8	BEST12.	Ankle slope
183	UAINT	Num	8	BEST12.	Ankle intercept
184	UCVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
185	UCVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
186	UCVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
187	UCVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
188	UCVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
189	UCVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
190	UCVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
191	UCVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
192	HU10	Num	8	BEST12.	HU value below which 10% of voxels fall

Num	Variable	Type	Len	Format	Label
193	HU15	Num	8	BEST12.	HU value below which 15% of voxels fall
194	HU20	Num	8	BEST12.	HU value below which 20% of voxels fall
195	LHU10	Num	8	BEST12.	HU value below which 10% of voxels fall
196	LHU15	Num	8	BEST12.	HU value below which 15% of voxels fall
197	LHU20	Num	8	BEST12.	HU value below which 20% of voxels fall
198	MHU10	Num	8	BEST12.	HU value below which 10% of voxels fall
199	MHU15	Num	8	BEST12.	HU value below which 15% of voxels fall
200	MHU20	Num	8	BEST12.	HU value below which 20% of voxels fall
201	UHU10	Num	8	BEST12.	HU value below which 10% of voxels fall
202	UHU15	Num	8	BEST12.	HU value below which 15% of voxels fall
203	UHU20	Num	8	BEST12.	HU value below which 20% of voxels fall
204	PASSVER	Char	13		
205	NEWNETT	Char	5		New NETT patient ID no.
206	SCANDATE	Num	8	BEST12.	scandate cnvrtd to #days frm RZ/scr strt
207	HRCREATE	Num	8	BEST12.	hrcreate cnvrtd to #days frm RZ/scr strt

Data Set Name: subnejm.sas7bdat

Num	Variable	Type	Len	Format	Label
1	IFRC	Num	8	BEST12.	1=FEV<=20%,nonhetero,0=oth,blnk=nonhirsk
2	IFDL	Num	8	BEST12.	1=FEV<=20%,dlco<=20%,0=oth,blnk=nonhirsk
3	UL	Num	8	BEST12.	1=uppr lobe, 0=other, blank=high risk
4	MAXCAT	Num	8	BEST12.	1=F<=25W or M<=40W, 0=other, blnk=hi rsk
5	NEWNETT	Char	5		New NETT patient ID no.

Data Set Name: substudy.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ABG	Num	8	BEST12.	1=in ABG substudy, 0 otherwise
2	LMECH	Num	8	BEST12.	1=in Lung Mech substudy, 0 otherwise
3	CARDIO	Num	8	BEST12.	1=in CV substudy, 0 otherwise
4	NEWNETT	Char	5		New NETT patient ID no.

Data Set Name: tmto.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	TM207M	Char	2		7 Trail A: time (min)
4	TM207S	Char	2		7 Trail A: time (sec)
5	TM208M	Char	2		8 Trail B: time (min)
6	TM208S	Char	2		8 Trail B: time (sec)
7	TM209	Char	1		9 Is this the Rehab assessment
8	TM210	Char	1		10 Patient ineligible
9	NEWNETT	Char	5		New NETT patient ID no.
10	FORMDATE	Num	8	BEST12.	#4 cnvrtd to #days frm RZ/scr strt

Data Set Name: ue_admit.sas7bdat

Num	Variable	Type	Len	Format	Label
1	UE207B	Char	3		7b Visit code
2	UE238	Char	1		38 Patient discharged
3	NEWNETT	Char	5		New NETT patient ID no.
4	UE237	Num	8	BEST12.	#37 cnvrtd to # of days frm RZ/scr
5	UE239	Num	8	BEST12.	#39 cnvrtd to # of days frm RZ/scr
6	UE207A	Num	8	BEST12.	#7a cnvrtd to # of days frm RZ/scr

Data Set Name: ue_exreh.sas7bdat

Num	Variable	Type	Len	Format	Label
1	UE207B	Char	3		7b Visit code
2	UE220	Char	1		20 Extra education sessions
3	UE222	Char	3		22 No of extra education sessions
4	UE225	Char	1		25 Extra exercise sessions prescribed
5	UE227	Char	3		27 No of extra exercise sessions
6	UE230	Char	1		30 Extra psychosocial sessions prescrib
7	UE232	Char	3		32 No of extra sessions
8	NEWNETT	Char	5		New NETT patient ID no.
9	UE207A	Num	8	BEST12.	#7a cnvrtd to # of days frm RZ/scr

Data Set Name: ue_lvr14.sas7bdat

Num	Variable	Type	Len	Format	Label
1	UE215A	Char	1		15a COPD exacerbation
2	UE215B	Char	1		15b Pneumonia
3	UE215C	Char	1		15c Other illness
4	UE215D	Char	1		15d Other issue related to patient
5	UE215E	Char	1		15e Surgeon not available
6	UE215F	Char	1		15f Other scheduling problem
7	UE215G	Char	1		15g Other reason
8	UE216A	Char	1		16a Spirometry
9	UE216B	Char	1		16b MVV
10	UE216C	Char	1		16c Lung volumes
11	UE216D	Char	1		16d DLCO
12	UE216E	Char	1		16e ABGs
13	UE216F	Char	1		16f Respiratory mouth pressures
14	UE216G	Char	1		16g Oxygen titration
15	UE216H	Char	1		16h 6 minute walk(s)
16	UE216I	Char	1		16i Exercise test
17	UE216J	Char	1		16j Chest x-ray
18	UE216K	Char	1		16k CT scan
19	UE216L	Char	1		16l Perfusion scan
20	UE216M	Char	1		16m Blood analyses
21	UE216N	Char	1		16n Urine analysis
22	UE216O	Char	1		16o Physical exam
23	UE216P	Char	1		16p Interim history
24	UE216Q	Char	1		16q SF-36
25	UE216R	Char	1		16r SGRQ
26	UE216S	Char	1		16s UCSD SOBQ
27	UE216T	Char	1		16t QWB
28	UE216U	Char	1		16u Other repeated tests
29	UE216V	Char	1		16v No repeated tests
30	NEWNETT	Char	5		New NETT patient ID no.
31	UE214	Num	8	BEST12.	#14 cnvrtd to # of days frm RZ/scr

Data Set Name: ue_nnett.sas7bdat

Num	Variable	Type	Len	Format	Label
1	UE241	Char	1		41 Type of LVRS
2	UE242	Char	1		42 Operated on right lung
3	UE244	Char	1		44 Operated on left lung
4	NEWNETT	Char	5		New NETT patient ID no.
5	UE243	Num	8	BEST12.	#43 cnvrtd to # of days frm RZ/scr
6	UE245	Num	8	BEST12.	#45 cnvrtd to # of days frm RZ/scr

Data Set Name: ue_noreh.sas7bdat

Num	Variable	Type	Len	Label
1	NEWNETT	Char	5	New NETT patient ID no.

Data Set Name: ue_ref.sas7bdat

Num	Variable	Type	Len	Label
1	UE209	Char	1	9 Patient refused NETT LVRS
2	UE210A	Char	1	10a Rehab provided enough benefit
3	UE210B	Char	1	10b LVRS too risky
4	UE210C	Char	1	10c Other reason for LVRS refusal
5	UE211A	Char	1	11a LVRS performed as assigned
6	UE211B	Char	1	11b LVRS not done for other reason
7	NEWNETT	Char	5	New NETT patient ID no.

Data Set Name: ue_trns.sas7bdat

Num	Variable	Type	Len	Format	Label
1	UE248	Char	1		48 Bilateral transplant done
2	NEWNETT	Char	5		New NETT patient ID no.
3	UE249	Num	8	BEST12.	#49 cnvrtd to # of days frm RZ/scr

Data Set Name: valids.sas7bdat

Num	Variable	Type	Len	Format	Label
1	GENDER	Char	1		m=male, f=female
2	ETHNIC	Char	1		w=white, o=other
3	MEDID	Num	8	BEST12.	blnk=nonRZ, 1=medical, 2=MS, 3=VATS
4	VITSTAT	Char	1		1=dead, blank=alive
5	NEWNETT	Char	5		New NETT patient ID no.
6	ENROLLDT	Num	8	BEST12.	RZ date as #days frm RZ/scr (ie, 0)
7	DEATHDT	Num	8	BEST12.	Death date cnvrtd to #days frm RZ/scr
8	ELIGDT	Num	8	BEST12.	Date finl scr cycl strtd,#days frmRZ/scr
9	CENSDYS	Num	8	BEST12.	DaysFrmRZ/Scr to death/censor(31May2008)

Data Set Name: vcs.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Data source (Scharf file or VC form)
3	MAP	Num	8	BEST12.	Mean arterial pressure (mmHg, VC#8)
4	RAEXP	Num	8	BEST12.	R atrial end exp (mmHg, VC#9)
5	RAINSP	Num	8	BEST12.	R atrial end insp (mmHg, VC#10)
6	RVSEXP	Num	8	BEST12.	R ventric end syst exp (mmHg, VC#11)
7	RVSINSP	Num	8	BEST12.	R ventric end syst insp (mmHg, VC#12)
8	RVDEXP	Num	8	BEST12.	R ventric end diast exp (mmHg, VC#13)
9	RVDINSP	Num	8	BEST12.	R ventric end diast insp (mmHg, VC#14)
10	PASEXP	Num	8	BEST12.	Pulm art end syst exp (mmHg, VC#15)
11	PASINSP	Num	8	BEST12.	Pulm art end syst insp (mmHg, VC#16)
12	PADEXP	Num	8	BEST12.	Pulm art end diast exp (mmHg, VC#17)
13	PADINSP	Num	8	BEST12.	Pulm art end diast insp (mmHg, VC#18)
14	MNPAEXP	Num	8	BEST12.	Mean pulm art end exp (mmHg, VC#19)
15	MNPAINSP	Num	8	BEST12.	Mean pulm art end insp (mmHg, VC#20)
16	PCWEXP	Num	8	BEST12.	Pulm cap wedge end exp (mmHg, VC#21)
17	PCWINSP	Num	8	BEST12.	Pulm cap wedge end insp (mmHg, VC#22)
18	CO	Num	8	BEST12.	Cardiac output (L/min, VC#23)
19	HR	Num	8	BEST12.	Heart rate (beats/min, VC#24)
20	MVO2	Num	8	BEST12.	Mixed venous O2 sat fraction (VC#25)
21	ARTSAT	Num	8	BEST12.	Arterial sat (oximetry, VC#26)
22	RVEF	Num	8	BEST12.	R ventric ejection fraction (VC#27)
23	HEMOGC	Num	8	BEST12.	Hemoglobin at cath (g/dL, VC#29)
24	LVEF	Num	8	BEST12.	MUGA L ventric ejection fraction (VC#30)
25	PESEXP	Num	8	BEST12.	End exp esophageal (mmHg, VC#32)
26	PESINSP	Num	8	BEST12.	End insp esophageal (mmHg, VC#33)
27	NEWNETT	Char	5		New NETT patient ID no.
28	FORMDATE	Num	8	BEST12.	#4 cnvrtd to # of days frm RZ/scr

Data Set Name: wcore.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		Visit s1,f06-6mosaftrRZ,f36-36mos aftrRZ
2	HISTOWHO	Num	8	BEST12.	
3	SLICETHI	Char	14		Slice thickness
4	INTERCEP	Num	8	BEST12.	Value used to convert voxels into HU
5	VXSIZE	Num	8	BEST12.	Voxel size
6	ENTITYVE	Char	18		Histogram pgm version number
7	NOMAIR	Num	8	BEST12.	Nominal air value in a CT scan
8	ACTAIR	Num	8	BEST12.	Actual air value in the CT scan
9	NOMBT	Num	8	BEST12.	Nominal blood tissue value in a CT scan
10	ACTBT	Num	8	BEST12.	Actual blood tissue value in the CT scan
11	TOTVX	Num	8	BEST12.	Total number of voxels in a region
12	BE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
13	BE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
14	BE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
15	BE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
16	BE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
17	BE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
18	BE900	Num	8	BEST12.	No. of voxels below -900 HU in a region
19	BE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
20	BE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
21	BE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
22	BE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
23	BE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
24	BE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
25	BE640	Num	8	BEST12.	No. of voxels below -640 HU in a region
26	BE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
27	BE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
28	AE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
29	AE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
30	AE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
31	AE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
32	AE250	Num	8	BEST12.	No. of voxels above -250 HU in a region
33	MEAN	Num	8	BEST12.	Mean
34	MED	Num	8	BEST12.	Median
35	VAR	Num	8	BEST12.	Variance
36	SD	Num	8	BEST12.	Standard deviation

Num	Variable	Type	Len	Format	Label
37	SKEW	Num	8	BEST12.	Skewness
38	KURT	Num	8	BEST12.	Kurtosis
39	FWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
40	AIRV	Num	8	BEST12.	Volume of region that is air (ml)
41	TISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
42	TOTV	Num	8	BEST12.	Total volume of region (cubic ml)
43	KNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
44	KSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
45	KINT	Num	8	BEST12.	Knee intercept
46	ANKL	Num	8	BEST12.	Ankle
47	ASLP	Num	8	BEST12.	Ankle slope
48	AINT	Num	8	BEST12.	Ankle intercept
49	CCUTOFF	Num	8	BEST12.	See IAC Scan Analysis variables listing
50	CVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
51	CVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
52	CVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
53	CVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
54	CVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
55	CVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
56	CVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
57	CVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
58	HU10	Num	8	BEST12.	HU value below which 10% of voxels fall
59	HU15	Num	8	BEST12.	HU value below which 15% of voxels fall
60	HU20	Num	8	BEST12.	HU value below which 20% of voxels fall
61	PASSVER	Char	13		
62	NEWNETT	Char	5		New NETT patient ID no.
63	SCANDATE	Num	8	BEST12.	scandate cnvrtd to #days frm RZ/scr strt
64	HWCREATE	Num	8	BEST12.	hwcreate cnvrtd to #days frm RZ/scr strt

Data Set Name: whole.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		Visit s1,f06-6mosaftrRZ,f36-36mos aftrRZ
2	WHOLEHOL	Num	8	BEST12.	
3	SLICETHI	Char	14		Slice thickness
4	INTERCEP	Num	8	BEST12.	Value used to convert voxels into HU
5	VXSIZE	Num	8	BEST12.	Voxel size
6	ENTITYVE	Char	18		Hole pgm version number
7	CUTOFF_1	Num	8	BEST12.	At -950, see IAC Scan Analysis vbl list
8	ALPHA_1	Num	8	BEST12.	At -950, see IAC Scan Analysis vbl list
9	C1_1	Num	8	BEST12.	Y intercept at -950
10	CUTOFF_2	Num	8	BEST12.	At -930, see IAC Scan Analysis vbl list
11	ALPHA_2	Num	8	BEST12.	At -930, see IAC Scan Analysis vbl list
12	C1_2	Num	8	BEST12.	Y intercept at -930
13	CUTOFF_3	Num	8	BEST12.	At -910, see IAC Scan Analysis vbl list
14	ALPHA_3	Num	8	BEST12.	At -910, see IAC Scan Analysis vbl list
15	C1_3	Num	8	BEST12.	Y intercept at -910
16	CUTOFF_4	Num	8	BEST12.	At -890, see IAC Scan Analysis vbl list
17	ALPHA_4	Num	8	BEST12.	At -890, see IAC Scan Analysis vbl list
18	C1_4	Num	8	BEST12.	Y intercept at -890
19	CUTOFF_5	Num	8	BEST12.	At -870, see IAC Scan Analysis vbl list
20	ALPHA_5	Num	8	BEST12.	At -870, see IAC Scan Analysis vbl list
21	C1_5	Num	8	BEST12.	Y intercept at -870
22	CUTOFF_6	Num	8	BEST12.	At -850, see IAC Scan Analysis vbl list
23	ALPHA_6	Num	8	BEST12.	At -850, see IAC Scan Analysis vbl list
24	C1_6	Num	8	BEST12.	Y intercept at -850
25	PASSVER	Char	13		
26	NEWNETT	Char	5		New NETT patient ID no.
27	SCANDATE	Num	8	BEST12.	scandate cnvrtd to #days frm RZ/scr strt
28	HWCREATE	Num	8	BEST12.	hwcreate cnvrtd to #days frm RZ/scr strt

Data Set Name: wpeel.sas7bdat

Num	Variable	Type	Len	Format	Label
1	NETT	Char	5		NETT patient identification number
2	VISIT	Char	3		Visit s1,f06-6mosaftrRZ,f36-36mos aftrRZ
3	HISTOWHO	Num	8	BEST12.	
4	SLICETHI	Char	14		Slice thickness
5	INTERCEP	Num	8	BEST12.	Value used to convert voxels into HU
6	VXSIZE	Num	8	BEST12.	Voxel size
7	ENTITYVE	Char	18		Histogram pgm version number
8	NOMAIR	Num	8	BEST12.	Nominal air value in a CT scan
9	ACTAIR	Num	8	BEST12.	Actual air value in the CT scan
10	NOMBT	Num	8	BEST12.	Nominal blood tissue value in a CT scan
11	ACTBT	Num	8	BEST12.	Actual blood tissue value in the CT scan
12	TOTVX	Num	8	BEST12.	Total number of voxels in a region
13	BE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
14	BE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
15	BE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
16	BE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
17	BE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
18	BE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
19	BE900	Num	8	BEST12.	No. of voxels below -900 HU in a region
20	BE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
21	BE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
22	BE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
23	BE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
24	BE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
25	BE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
26	BE640	Num	8	BEST12.	No. of voxels below -640 HU in a region
27	BE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
28	BE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
29	AE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
30	AE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
31	AE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
32	AE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
33	AE250	Num	8	BEST12.	No. of voxels above -250 HU in a region
34	MEAN	Num	8	BEST12.	Mean
35	MED	Num	8	BEST12.	Median
36	VAR	Num	8	BEST12.	Variance

Num	Variable	Type	Len	Format	Label
37	SD	Num	8	BEST12.	Standard deviation
38	SKEW	Num	8	BEST12.	Skewness
39	KURT	Num	8	BEST12.	Kurtosis
40	FWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
41	AIRV	Num	8	BEST12.	Volume of region that is air (ml)
42	TISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
43	TOTV	Num	8	BEST12.	Total volume of region (cubic ml)
44	KNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
45	KSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
46	KINT	Num	8	BEST12.	Knee intercept
47	ANKL	Num	8	BEST12.	Ankle
48	ASLP	Num	8	BEST12.	Ankle slope
49	AINT	Num	8	BEST12.	Ankle intercept
50	CCUTOFF	Num	8	BEST12.	See IAC Scan Analysis variables listing
51	CVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
52	CVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
53	CVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
54	CVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
55	CVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
56	CVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
57	CVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
58	CVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
59	HU10	Num	8	BEST12.	HU value below which 10% of voxels fall
60	HU15	Num	8	BEST12.	HU value below which 15% of voxels fall
61	HU20	Num	8	BEST12.	HU value below which 20% of voxels fall
62	PASSVER	Char	13		
63	NEWNETT	Char	5		New NETT patient ID no.
64	SCANDATE	Num	8	BEST12.	scandate cnvrtd to #days frm RZ/scr strt
65	HWCREATE	Num	8	BEST12.	hwcreate cnvrtd to #days frm RZ/scr strt

Data Set Name: wver2.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		Visit s1,f06-6mosaftrRZ,f36-36mos aftrRZ
2	HISTOWHO	Num	8	BEST12.	
3	SLICETHI	Char	14		Slice thickness
4	INTERCEP	Num	8	BEST12.	Value used to convert voxels into HU
5	VXSIZE	Num	8	BEST12.	Voxel size
6	ENTITYVE	Char	18		Histogram pgm version number
7	NOMAIR	Num	8	BEST12.	Nominal air value in a CT scan
8	ACTAIR	Num	8	BEST12.	Actual air value in the CT scan
9	NOMBT	Num	8	BEST12.	Nominal blood tissue value in a CT scan
10	ACTBT	Num	8	BEST12.	Actual blood tissue value in the CT scan
11	TOTVX	Num	8	BEST12.	Total number of voxels in a region
12	BE960	Num	8	BEST12.	No. of voxels below -960 HU in a region
13	BE950	Num	8	BEST12.	No. of voxels below -950 HU in a region
14	BE940	Num	8	BEST12.	No. of voxels below -940 HU in a region
15	BE930	Num	8	BEST12.	No. of voxels below -930 HU in a region
16	BE920	Num	8	BEST12.	No. of voxels below -920 HU in a region
17	BE910	Num	8	BEST12.	No. of voxels below -910 HU in a region
18	BE900	Num	8	BEST12.	No. of voxels below -900 HU in a region
19	BE890	Num	8	BEST12.	No. of voxels below -890 HU in a region
20	BE870	Num	8	BEST12.	No. of voxels below -870 HU in a region
21	BE850	Num	8	BEST12.	No. of voxels below -850 HU in a region
22	BE830	Num	8	BEST12.	No. of voxels below -830 HU in a region
23	BE810	Num	8	BEST12.	No. of voxels below -810 HU in a region
24	BE660	Num	8	BEST12.	No. of voxels below -660 HU in a region
25	BE640	Num	8	BEST12.	No. of voxels below -640 HU in a region
26	BE620	Num	8	BEST12.	No. of voxels below -620 HU in a region
27	BE600	Num	8	BEST12.	No. of voxels below -600 HU in a region
28	AE50	Num	8	BEST12.	No. of voxels above -50 HU in a region
29	AE100	Num	8	BEST12.	No. of voxels above -100 HU in a region
30	AE150	Num	8	BEST12.	No. of voxels above -150 HU in a region
31	AE200	Num	8	BEST12.	No. of voxels above -200 HU in a region
32	AE250	Num	8	BEST12.	No. of voxels above -250 HU in a region
33	MEAN	Num	8	BEST12.	Mean
34	MED	Num	8	BEST12.	Median
35	VAR	Num	8	BEST12.	Variance
36	SD	Num	8	BEST12.	Standard deviation

Num	Variable	Type	Len	Format	Label
37	SKEW	Num	8	BEST12.	Skewness
38	KURT	Num	8	BEST12.	Kurtosis
39	FWHM	Num	8	BEST12.	See IAC Scan Analysis variables listing
40	AIRV	Num	8	BEST12.	Volume of region that is air (ml)
41	TISV	Num	8	BEST12.	Region vol that is tissue & blood(ml)
42	TOTV	Num	8	BEST12.	Total volume of region (cubic ml)
43	KNEE	Num	8	BEST12.	See IAC Scan Analysis variables listing
44	KSLP	Num	8	BEST12.	See IAC Scan Analysis variables listing
45	KINT	Num	8	BEST12.	Knee intercept
46	ANKL	Num	8	BEST12.	Ankle
47	ASLP	Num	8	BEST12.	Ankle slope
48	AINT	Num	8	BEST12.	Ankle intercept
49	CCUTOFF	Num	8	BEST12.	See IAC Scan Analysis variables listing
50	CVM	Num	8	BEST12.	See IAC Scan Analysis variables listing
51	CVSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
52	CVXM	Num	8	BEST12.	See IAC Scan Analysis variables listing
53	CVXSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
54	CVYM	Num	8	BEST12.	See IAC Scan Analysis variables listing
55	CVYSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
56	CVZM	Num	8	BEST12.	See IAC Scan Analysis variables listing
57	CVZSD	Num	8	BEST12.	See IAC Scan Analysis variables listing
58	HU10	Num	8	BEST12.	HU value below which 10% of voxels fall
59	HU15	Num	8	BEST12.	HU value below which 15% of voxels fall
60	HU20	Num	8	BEST12.	HU value below which 20% of voxels fall
61	PASSVER	Char	13		
62	NEWNETT	Char	5		New NETT patient ID no.
63	SCANDATE	Num	8	BEST12.	scandate cnvrtd to #days frm RZ/scr strt
64	HWCREATE	Num	8	BEST12.	hwcreate cnvrtd to #days frm RZ/scr strt

Data Set Name: xps.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	XP309	Char	1		9 Air leak -- RT side
4	XP310	Char	2		10 Duration of air leak (days) - RT
5	XP311A	Char	1		11a Talc treatment - RT side
6	XP311B	Char	1		11b Blood patch - RT side
7	XP311C	Char	1		11c Pleurodesis - RT side
8	XP311D	Char	1		11d Other treatment - RT side
9	XP311E	Char	1		11e No treatment - RT side
10	XP312	Char	1		12 Air leak -- LFT side
11	XP313	Char	2		13 Duration of air leak (days) - LFT
12	XP314A	Char	1		14a Talc treatment - LFT side
13	XP314B	Char	1		14b Blood patch - LFT side
14	XP314C	Char	1		14c Pleurodesis - LFT side
15	XP314D	Char	1		14d Other treatment - LFT side
16	XP314E	Char	1		14e No treatment - LFT side
17	XP315	Char	1		15 Tubes placed to suction - RT side
18	XP316	Char	1		16 Tubes removed - RT side
19	XP318	Char	1		18 Tubes placed to suction - LFT side
20	XP319	Char	1		19 Tubes removed - LFT side
21	XP321A	Char	2		21a Number of days in surgical ICU
22	XP321B	Char	2		21b Number of days in medical ICU
23	XP322	Char	2		22 Number of days on ventilator
24	XP323	Char	2		23 Number of days intubated
25	XP324	Char	2		24 Number of post-op intubations
26	XP325	Char	2		25 Number of days with epidural analges
27	XP326	Char	2		26 Number of days with PCA
28	XP327	Char	1		27 Arrhythmia in 30 day post-op period
29	XP328A	Char	1		28a Pharmacologic tx for arrhythmia
30	XP328B	Char	1		28b Cardioversion tx for arrhythmia
31	XP328C	Char	1		28c No treatment for arrhythmia
32	XP330	Char	1		30 Discharged in 30day post-op period
33	XP332	Char	1		32 Discharged to
34	XP333	Char	1		33 Discharged with test tube
35	XP334	Char	1		34 Re-hospitalized w/in 30 days of LVRS
36	XP338	Char	1		38 Patient dischared after readmission

Num	Variable	Type	Len	Format	Label
37	ALDURE	Num	8	BEST12.	Max days w/airleak on R or L aftr closr
38	ALDYNE	Num	8	BEST12.	Y/N airleak either side ever in 30 days
39	NOPOST	Num	8	BEST12.	1=No complications in 30 days post op
40	FEXTUB	Num	8	BEST12.	1=Fail early extubat in30days postop
41	TRACH	Num	8	BEST12.	1=Tracheostomy in 30 days post op
42	FWEAN	Num	8	BEST12.	1=Failure to wean in 30 days post op
43	REOPAL	Num	8	BEST12.	1=Reoperatn for airleak in30dayspostop
44	MI	Num	8	BEST12.	1=Myocardial infarction in 30days postop
45	BLEED	Num	8	BEST12.	1=Bleedng,CT>750ml/24hr in30dayspostop
46	REOPBLD	Num	8	BEST12.	1=Reoperatn for bleeding in30days postop
47	BLTRNSF	Num	8	BEST12.	1=Bleeding req transfus in30dayspostop
48	SWI	Num	8	BEST12.	1=Suprficial wound inf in30dayspostop
49	MEDIAST	Num	8	BEST12.	1=Mediastinitis in 30 days post op
50	EMPYEMA	Num	8	BEST12.	1=Empyema in 30 days post op
51	REOPDEHI	Num	8	BEST12.	1=Sternal dehisc req reop in30dayspostop
52	PNEUMON	Num	8	BEST12.	1=Pneumonia in 30 days post op
53	UTI	Num	8	BEST12.	1=Urinary tract infection in30dayspostop
54	URINET	Num	8	BEST12.	1=Urinary retention in 30 days post op
55	EXACBRON	Num	8	BEST12.	1=Exacerb of bronchitis in 30days postop
56	PHLEB	Num	8	BEST12.	1=Phlebitis in 30 days post op
57	EPICTH	Num	8	BEST12.	1=Epidural cath complic in 30days postop
58	SEPSIS	Num	8	BEST12.	1=Sepsis in 30 days post op
59	CTINF	Num	8	BEST12.	1=CT site infection in 30 days post op
60	STERDEBR	Num	8	BEST12.	1=Sternal debridement in 30 days post op
61	GIBLD	Num	8	BEST12.	1=GI bleed in 30 days post op
62	ADYNIL	Num	8	BEST12.	1=Adynamic ileus in 30 days post op
63	CECVOL	Num	8	BEST12.	1=Cecal volvulus in 30 days post op
64	PERFVIS	Num	8	BEST12.	1=Perforated viscus in 30 days post op
65	CHOLECYS	Num	8	BEST12.	1=Cholecystitis in 30 days post op
66	DIVERT	Num	8	BEST12.	1=Diverticulitis in 30 days post op
67	CVA	Num	8	BEST12.	1=Cerebrovascular event in 30days postop
68	TIA	Num	8	BEST12.	1=TIA in 30 days post op
69	DELIR	Num	8	BEST12.	1=Delirium in 30 days post op
70	DVT	Num	8	BEST12.	1=DVT in 30 days post op
71	PULMEMBO	Num	8	BEST12.	1=Pulmonary embolus in 30 days post op
72	READ72	Num	8	BEST12.	1=Readmit tohosp in72hrs in30dayspostop
73	READICU	Num	8	BEST12.	1=Readmit to ICU in 30days postop
74	OTHR	Num	8	BEST12.	1=Other complic in 30 days post op
75	PNEUTHOR	Num	8	BEST12.	1=Pneumothorax in 30 days post op

Num	Variable	Type	Len	Format	Label
76	NEWNETT	Char	5		New NETT patient ID no.
77	FORMDATE	Num	8	BEST12.	#4 cnvrtd to # of days frm RZ/scr
78	XP307	Num	8	BEST12.	#7 cnvrtd to # of days frm RZ/scr
79	XP308	Num	8	BEST12.	#8 cnvrtd to # of days frm RZ/scr
80	XP317	Num	8	BEST12.	#17 cnvrtd to # of days frm RZ/scr
81	XP320	Num	8	BEST12.	#20 cnvrtd to # of days frm RZ/scr
82	XP331	Num	8	BEST12.	#31 cnvrtd to # of days frm RZ/scr
83	XP335	Num	8	BEST12.	#35 cnvrtd to # of days frm RZ/scr
84	XP339	Num	8	BEST12.	#39 cnvrtd to # of days frm RZ/scr

Data Set Name: xss.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	XS308	Char	1		8 Bilateral LVRS
4	XS309	Char	1		9 Side receiving LVRS
5	XS310	Char	1		10 Median sternotomy performed
6	XS311	Char	1		11 Orientation of incision
7	XS312	Char	1		12 VATS performed
8	XS313A	Char	2		13a Number of incisions (RT)
9	XS313B	Char	2		13b Number of incisions (LFT)
10	XS314A	Char	3		14a Length of incisions (RT)
11	XS314B	Char	3		14b Length of incisions (LFT)
12	XS315	Char	1		15 Other procedure done
13	XS316A	Char	1		16a Adhesions: right side
14	XS316B	Char	1		16b Adhesions: left side
15	XS317A	Char	1		17a Location of disease: right side
16	XS317B	Char	1		17b Location of disease: left side
17	XS318A	Char	1		18a Amount of lung removed: right side
18	XS318B	Char	1		18b Amount of lung removed: left side
19	XS319A	Char	1		19a Ethicon stapler: right side
20	XS319B	Char	1		19b US Surgical stapler: right side
21	XS319C	Char	1		19c 3M stapler: right side
22	XS319D	Char	1		19d Endo GIA 30 stapler: right side
23	XS319E	Char	1		19e Endo TA 30 stapler: right side
24	XS319F	Char	1		19f Other type stapler: right side
25	XS320A	Char	1		20a Ethicon stapler: left side
26	XS320B	Char	1		20b US Surgical stapler: left side
27	XS320C	Char	1		20c 3M stapler: left side
28	XS320D	Char	1		20d Endo GIA 30 stapler: left side
29	XS320E	Char	1		20e Endo TA 30 stapler: left side
30	XS320F	Char	1		20f Other type stapler: left side
31	XS321A	Char	1		21a 3.5 staple length: right side
32	XS321B	Char	1		21b 3.8 staple length: right side
33	XS321C	Char	1		21c 4.8 staple length: right side
34	XS321D	Char	1		21d Other staple length: right side
35	XS322A	Char	1		22a 3.5 staple length: left side
36	XS322B	Char	1		22b 3.8 staple length: left side

Num	Variable	Type	Len	Format	Label
37	XS322C	Char	1		22c 4.8 staple length: left side
38	XS322D	Char	1		22d Other staple length: left side
39	XS323A	Char	2		23a Number of cartridges used: right sid
40	XS323B	Char	2		23b Number of cartridges used: left side
41	XS324A	Char	1		24a Peristrips: right side
42	XS324B	Char	1		24b Seamguard: right side
43	XS324C	Char	1		24c PTFE: right side
44	XS324D	Char	1		24d Other buttressing material: right si
45	XS324E	Char	1		24e No buttressing material: right side
46	XS325A	Char	1		25a Peristrips: left side
47	XS325B	Char	1		25b Seamguard: left side
48	XS325C	Char	1		25c PTFE: left side
49	XS325D	Char	1		25d Other buttressing material: left sid
50	XS325E	Char	1		25e No buttressing material: left side
51	XS326A	Char	1		26a Pleural tent done: right side
52	XS326B	Char	1		26b Pleural tent done: left side
53	XS326C	Char	1		26c Pleural tent not done
54	XS327A	Char	1		27a Pleurodesis done: right side
55	XS327B	Char	1		27b Pleurodesis done: left side
56	XS327C	Char	1		27c Pleurodesis not done
57	XS328A	Char	1		28a Air leak at end of closure - RT
58	XS328B	Char	1		28b Air leak at end of closure - LFT
59	XS329	Char	1		29 Chest tubes on right side
60	XS330	Char	2		30 Number of chest tubes: right side
61	XS331A	Char	1		31a Chest tubes to water seal - RT
62	XS331B	Char	1		31b Chest tubes to suction - RT
63	XS331C	Char	1		31c Other chest tubes - RT
64	XS332	Char	1		32 Chest tubes on left side
65	XS333	Char	2		33 Number of chest tubes: left side
66	XS334A	Char	1		34a Chest tubes to water seal - LFT
67	XS334B	Char	1		34b Chest tubes to suction - LFT
68	XS334C	Char	1		34c Other chest tubes - LFT
69	XS335	Char	4		35 Estimated blood loss (ml)
70	XS336A	Char	1		36a Transfusion - whole blood/packed red
71	XS336B	Char	2		36b Number of units transfused
72	XS337A	Char	1		37a Patient received fresh frozen plasma
73	XS337B	Char	2		37b Number of units of frozen plasma
74	XS338A	Char	1		38a Patient received platelets
75	XS338B	Char	2		38b Number of packs of platelets

Num	Variable	Type	Len	Format	Label
76	XS339	Char	1		39 Arrhythmia during LVRS
77	XS340A	Char	1		40a Pharmacologic treatment for arrhythm
78	XS340B	Char	1		40b Cardioversion treatment for arrhythm
79	XS340C	Char	1		40c No treatment for arrhythmia
80	XS341A	Char	1		41a Hypotension
81	XS341B	Char	1		41b Hypoxemia
82	XS341C	Char	1		41c Hypercarbia
83	XS341D	Char	1		41d Cardiac arrest
84	XS341E	Char	1		41e Uncontrolled air leak
85	XS341F	Char	1		41f Intra-operative death
86	XS341G	Char	1		41g Other intraoperative complication
87	XS341H	Char	1		41h No intraoperative complication
88	XS343	Char	3		43 Anesthesia time (min)
89	XS344	Char	3		44 Time from incision to closure (min)
90	XS345A	Char	4		45a Weight of removed lung: right side
91	XS345B	Char	4		45b Weight of removed lung: left side
92	XS346	Char	1		46 Tissue specimens saved
93	XS347A	Char	1		47a 4-6 fragments in formation saved
94	XS347B	Char	1		47b 4-6 fragments in Methacarn saved
95	XS347C	Char	1		47c 4 fragments in OCT saved & snap froz
96	TOTNINC	Num	8	BEST12.	Total no. of VATS incisions, R+L
97	MAXINCL	Num	8	BEST12.	Length (cm) of longest incision, R or L
98	AIRLKCLE	Num	8	BEST12.	Air leak at end of closure, R or L
99	NEWNETT	Char	5		New NETT patient ID no.
100	FORMDATE	Num	8	BEST12.	#4 cnvrtd to # of days frm RZ/scr
101	XS307	Num	8	BEST12.	#7 cnvrtd to # of days frm RZ/scr

Data Set Name: xzs.sas7bdat

Num	Variable	Type	Len	Format	Label
1	VISIT	Char	3		s1,s2,s3,rz,n,fxx where xx=mos from RZ
2	FORM	Char	4		Form abreviation and revision number
3	XZ209	Char	1		9 Treatment assignment
4	XZ210	Char	1		10 Surgery scheduled
5	XZ212	Char	1		12 Rehab consolidation phase scheduled
6	NEWNETT	Char	5		New NETT patient ID no.
7	FORMDATE	Num	8	BEST12.	#4 cnvrtd to # of days frm RZ/scr
8	XZ208	Num	8	BEST12.	#8 cnvrtd to # of days frm RZ/scr
9	XZ211	Num	8	BEST12.	#11 cnvrtd to # of days frm RZ/scr
10	XZ213	Num	8	BEST12.	#13 cnvrtd to # of days frm RZ/scr