

The CONTENTS Procedure

Data Set Name	LIMITED.TABLE3	Observations	693
Member Type	DATA	Variables	53
Engine	V9	Indexes	0
Created	Tuesday, January 28, 2014 10:36:18 AM	Observation Length	424
Last Modified	Tuesday, January 28, 2014 10:36:18 AM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_64		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information

Data Set Page Size	16384
Number of Data Set Pages	19
First Data Page	1
Max Obs per Page	38
Obs in First Data Page	21
Number of Data Set Repairs	0
Filename	e:\nash\alt\adult\limited use dataset\table3.sas7bdat
Release Created	9.0301M0
Host Created	X64_7PRO

Alphabetic List of Variables and Attributes

Variable Type Len Label

27	acanth	Num	8	Acanthosis nigricans 0=neg 1=pos
28	acanthn	Num	8	Acanthosis nigricans severity score
20	age	Num	8	Age - yrs
11	alb	Num	8	Albumin - g/dL
4	alka	Num	8	Alkaline phosphatase - U/L
43	alkaiso	Num	8	Isolated Alkaline phosphatase 0=no 1=yes
3	alt	Num	8	AST - U/L
53	altuln1	Num	8	Abnormal AST 0=no 1=yes
31	ama	Num	8	AMA 0=neg 1=pos
29	ana	Num	8	ANA 0=neg 1=pos
51	anaasma	Num	8	ANA and ASMA 0=one or both neg 1=both pos
38	anycirrh	Num	8	Cirrhosis 0=no 1=yes
30	asma	Num	8	ASMA 0=neg 1=pos
2	ast	Num	8	AST - U/L
52	astuln1	Num	8	Abnormal AST 0=no 1=yes
6	bilid	Num	8	Bilirubin, direct - mg/dL
5	bilit	Num	8	Bilirubin, total - mg/dL
24	bmi	Num	8	Body Mass Index - kg/m2
15	chol	Num	8	Total cholesterol - mg/dL

The CONTENTS Procedure

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
36	defnash	Num	8	Definite NASH 0=no 1=yes
33	diab2	Num	8	Type 2 diabetes 0=no 1=yes
32	ferr	Num	8	Ferritin ng/mL
7	ggt	Num	8	GGT - U/L
44	glob	Num	8	Globulin - g/dL
9	gluc	Num	8	Glucose mg/dL label
19	hba1c	Num	8	HbA1c - %
17	hdl	Num	8	HDL cholesterol - mg/dL
12	hema	Num	8	Hematocrit - %
22	hispanic	Num	8	Hispanic ethnicity 0=no 1=yes
42	homa	Num	8	HOMA-IR - mg/dL/uU/mL/405
34	htn	Num	8	Hypertension 0=no 1=yes
48	iball	Num	8	Any inflammation 0=no 1=yes
1	id	Char	4	Adult Database Limited use dataset ID number
37	ifibro	Num	8	Fibrosis score 0=none 1=mild/mod 2=bridge 3=cirrh
45	igrade	Num	8	Steatosis>=34% 0=no 1=yes
46	iinflam	Num	8	Lobular inflammation>=grade 2 0=no 1=yes label
49	inas	Num	8	NAS>=5 0=no 1=yes
8	inr	Num	8	International normalized ratio
10	insu	Num	8	Insulin uU/mL
47	iportal	Num	8	Portal inflammation>mild 0=no 1=yes label
18	ldl	Num	8	LDL cholesterol - mg/dL
39	leng10	Num	8	Biopsy length 0=<10mm 1=10+mm
21	male	Num	8	Male gender 0=no 1=yes
40	mallory	Num	8	Mallory bodies 0=no 1=yes
50	meta	Num	8	Metabolic syndrome 0=no 1=yes
35	nfibro	Num	8	Fibrosis score 0=none 1=mild 2=mod 3=bridge 4=cirrh
14	plat	Num	8	Platelets - 1000/mm3
41	ratio	Num	8	AST/ALT ratio
16	tri	Num	8	Triglycerides - mg/dL
25	waist	Num	8	Waist circumference - cm
13	wbc	Num	8	White blood cell - 1000/mm3
23	white	Num	8	White race 0=no 1=yes
26	wthip	Num	8	Waist to hip ratio

The FREQ Procedure

Male gender 0=no 1=yes

male	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	425	61.33	425	61.33
1	268	38.67	693	100.00

White race 0=no 1=yes

white	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	135	19.48	135	19.48
1	558	80.52	693	100.00

Hispanic ethnicity 0=no 1=yes

hispanic	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	598	86.29	598	86.29
1	95	13.71	693	100.00

Hypertension 0=no 1=yes

htn	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	389	56.13	389	56.13
1	304	43.87	693	100.00

Type 2 diabetes 0=no 1=yes

diab2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	539	77.78	539	77.78
1	154	22.22	693	100.00

The FREQ Procedure

Metabolic syndrome 0=no 1=yes

meta	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	256	37.70	256	37.70
1	423	62.30	679	100.00

Frequency Missing = 14

Acanthosis nigricans 0=neg 1=pos

acanth	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	599	86.44	599	86.44
1	94	13.56	693	100.00

Cirrhosis 0=no 1=yes

anycirrh	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	632	91.20	632	91.20
1	61	8.80	693	100.00

Abnormal AST 0=no 1=yes

astuln1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	361	52.09	361	52.09
1	332	47.91	693	100.00

Abnormal AST 0=no 1=yes

altuln1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	239	34.49	239	34.49
1	454	65.51	693	100.00

The FREQ Procedure

Isolated Alkaline phosphatase 0=no 1=yes

alkaiso	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	670	96.68	670	96.68
1	23	3.32	693	100.00

ANA 0=neg 1=pos

ana	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	522	75.87	522	75.87
1	166	24.13	688	100.00

Frequency Missing = 5

ASMA 0=neg 1=pos

asma	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	613	90.15	613	90.15
1	67	9.85	680	100.00

Frequency Missing = 13

ANA and ASMA 0=one or both neg 1=both pos

anaasma	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	661	97.21	661	97.21
1	19	2.79	680	100.00

Frequency Missing = 13

The FREQ Procedure

AMA 0=neg 1=pos

ama	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	639	93.70	639	93.70
1	43	6.30	682	100.00

Frequency Missing = 11

Steatosis>=34% 0=no 1=yes

igrade	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	287	41.41	287	41.41
1	406	58.59	693	100.00

Lobular inflammation>=grade 2 0=no 1=yes label

iinflam	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	358	51.66	358	51.66
1	335	48.34	693	100.00

Portal inflammation>mild 0=no 1=yes label

iportal	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	554	79.94	554	79.94
1	139	20.06	693	100.00

Any inflammation 0=no 1=yes

iball	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	227	32.76	227	32.76
1	466	67.24	693	100.00

The FREQ Procedure

NAS \geq 5 0=no 1=yes

inas	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	355	51.23	355	51.23
1	338	48.77	693	100.00

Definite NASH 0=no 1=yes

defnash	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	291	41.99	291	41.99
1	402	58.01	693	100.00

Mallory bodies 0=no 1=yes

mallory	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	501	72.29	501	72.29
1	192	27.71	693	100.00

Biopsy length 0= \leq 10mm 1=10+mm

leng10	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	601	87.10	601	87.10
1	89	12.90	690	100.00

Frequency Missing = 3

The MEANS Procedure

Variable	Label	N
age	Age - yrs	693
acanthn	Acanthosis nigricans severity score	693
bmi	Body Mass Index - kg/m2	688
waist	Waist circumference - cm	683
wthip	Waist to hip ratio	682
ast	AST - U/L	693
alt	AST - U/L	693
ratio	AST/ALT ratio	693
alka	Alkaline phosphatase - U/L	693
ggt	GGT - U/L	680
glob	Globulin - g/dL	691
alb	Albumin - g/dL	692
bilit	Bilirubin, total - mg/dL	693
bilid	Bilirubin, direct - mg/dL	684
inr	International normalized ratio	690
hema	Hematocrit - %	693
wbc	White blood cell - 1000/mm3	693
plat	Platelets - 1000/mm3	693
chol	Total cholesterol - mg/dL	692
hdl	HDL cholesterol - mg/dL	691
ldl	LDL cholesterol - mg/dL	671
tri	Triglycerides - mg/dL	692
hba1c	HbA1c - %	681
gluc	Glucose mg/dL label	692
insu	Insulin uU/mL	682
homa	HOMA-IR - mg/dL/uU/mL/405	682
ferr	Ferritin ng/mL	688
nfibro	Fibrosis score 0=none 1=mild 2=mod 3=bridge 4=cirrh	693

Variable	Label	Mean
age	Age - yrs	47.6551227
acanthn	Acanthosis nigricans severity score	0.3073593
bmi	Body Mass Index - kg/m2	34.5520407
waist	Waist circumference - cm	109.2690249
wthip	Waist to hip ratio	0.9355136
ast	AST - U/L	55.8398268
alt	AST - U/L	78.5858586
ratio	AST/ALT ratio	0.7886657
alka	Alkaline phosphatase - U/L	87.8282828
ggt	GGT - U/L	73.1647059
glob	Globulin - g/dL	3.0128799
alb	Albumin - g/dL	4.2117052
bilit	Bilirubin, total - mg/dL	0.7582973
bilid	Bilirubin, direct - mg/dL	0.1444444
inr	International normalized ratio	1.0210145
hema	Hematocrit - %	42.4112554

The MEANS Procedure

Variable	Label	Mean
wbc	White blood cell - 1000/mm3	7.0676768
plat	Platelets - 1000/mm3	244.2626263
chol	Total cholesterol - mg/dL	197.0693642
hdl	HDL cholesterol - mg/dL	43.3328509
ldl	LDL cholesterol - mg/dL	120.9001490
tri	Triglycerides - mg/dL	180.9653179
hba1c	HbA1c - %	5.9753304
gluc	Glucose mg/dL label	103.5043353
insu	Insulin uU/mL	22.8351906
homa	HOMA-IR - mg/dL/uU/mL/405	6.0640017
ferr	Ferritin ng/mL	249.4418605
nfibro	Fibrosis score 0=none 1=mild 2=mod 3=bridge 4=cirrh	1.5108225

Variable	Label	Std Dev
age	Age - yrs	12.1111527
acanthn	Acanthosis nigricans severity score	0.8813518
bmi	Body Mass Index - kg/m2	6.3762664
waist	Waist circumference - cm	13.6272561
wthip	Waist to hip ratio	0.0781412
ast	AST - U/L	37.2411921
alt	AST - U/L	52.7373542
ratio	AST/ALT ratio	0.3698788
alka	Alkaline phosphatase - U/L	33.0112208
ggt	GGT - U/L	81.3142376
glob	Globulin - g/dL	0.5388600
alb	Albumin - g/dL	0.4013998
bilit	Bilirubin, total - mg/dL	0.4118631
bilid	Bilirubin, direct - mg/dL	0.1293575
inr	International normalized ratio	0.1692007
hema	Hematocrit - %	3.7380314
wbc	White blood cell - 1000/mm3	2.0432520
plat	Platelets - 1000/mm3	69.7974589
chol	Total cholesterol - mg/dL	42.3504549
hdl	HDL cholesterol - mg/dL	11.4494126
ldl	LDL cholesterol - mg/dL	36.5949248
tri	Triglycerides - mg/dL	130.0543645
hba1c	HbA1c - %	1.1236270
gluc	Glucose mg/dL label	33.3615242
insu	Insulin uU/mL	18.5015345
homa	HOMA-IR - mg/dL/uU/mL/405	5.8647410
ferr	Ferritin ng/mL	284.0442943
nfibro	Fibrosis score 0=none 1=mild 2=mod 3=bridge 4=cirrh	1.2603151

The MEANS Procedure

Variable	Label	Minimum
age	Age - yrs	18.0000000
acanthn	Acanthosis nigricans severity score	0
bmi	Body Mass Index - kg/m2	19.9521293
waist	Waist circumference - cm	71.5000000
wthip	Waist to hip ratio	0.7009610
ast	AST - U/L	12.0000000
alt	AST - U/L	9.0000000
ratio	AST/ALT ratio	0.1363636
alka	Alkaline phosphatase - U/L	0
ggt	GGT - U/L	5.0000000
glob	Globulin - g/dL	1.7000000
alb	Albumin - g/dL	2.9000000
bilit	Bilirubin, total - mg/dL	0.1000000
bilid	Bilirubin, direct - mg/dL	0
inr	International normalized ratio	0.8000000
hema	Hematocrit - %	28.0000000
wbc	White blood cell - 1000/mm3	2.7000000
plat	Platelets - 1000/mm3	58.0000000
chol	Total cholesterol - mg/dL	62.0000000
hdl	HDL cholesterol - mg/dL	13.0000000
ldl	LDL cholesterol - mg/dL	12.0000000
tri	Triglycerides - mg/dL	18.0000000
hba1c	HbA1c - %	4.1000000
gluc	Glucose mg/dL label	49.0000000
insu	Insulin uU/mL	1.0000000
homa	HOMA-IR - mg/dL/uU/mL/405	0.1703704
ferr	Ferritin ng/mL	4.0000000
nfibro	Fibrosis score 0=none 1=mild 2=mod 3=bridge 4=cirrh	0

Variable	Label	Maximum
age	Age - yrs	76.0000000
acanthn	Acanthosis nigricans severity score	4.0000000
bmi	Body Mass Index - kg/m2	59.4847863
waist	Waist circumference - cm	147.9550000
wthip	Waist to hip ratio	1.1904762
ast	AST - U/L	342.0000000
alt	AST - U/L	444.0000000
ratio	AST/ALT ratio	4.8055556
alka	Alkaline phosphatase - U/L	318.0000000
ggt	GGT - U/L	843.0000000
glob	Globulin - g/dL	5.5000000
alb	Albumin - g/dL	5.3000000
bilit	Bilirubin, total - mg/dL	3.2000000
bilid	Bilirubin, direct - mg/dL	2.0000000
inr	International normalized ratio	3.4000000
hema	Hematocrit - %	53.6000000

The MEANS Procedure

Variable	Label	Maximum
wbc	White blood cell - 1000/mm3	17.9000000
plat	Platelets - 1000/mm3	467.0000000
chol	Total cholesterol - mg/dL	404.0000000
hdl	HDL cholesterol - mg/dL	95.0000000
ldl	LDL cholesterol - mg/dL	246.0000000
tri	Triglycerides - mg/dL	1846.00
hba1c	HbA1c - %	12.0000000
gluc	Glucose mg/dL label	341.0000000
insu	Insulin uU/mL	257.9000000
homa	HOMA-IR - mg/dL/uU/mL/405	66.2261728
ferr	Ferritin ng/mL	2267.00
nfibro	Fibrosis score 0=none 1=mild 2=mod 3=bridge 4=cirrh	4.0000000