

The CONTENTS Procedure

Data Set Name	LIMITED.TABLE1	Observations	1266
Member Type	DATA	Variables	54
Engine	V9	Indexes	0
Created	Thursday, January 23, 2014 04:31:52 PM	Observation Length	432
Last Modified	Thursday, January 23, 2014 04:31:52 PM	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	35
First Data Page	1
Max Obs per Page	37
Obs in First Data Page	20
Number of Data Set Repairs	0
Filename	e:\nash\alt\adult\limited use dataset\table1.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
54	proximity	Char	9	
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

proximity	Frequency	Percent	Cumulative Frequency	Cumulative Percent
<= 6 mos	698	55.13	698	55.13
> 6 mos	403	31.83	1101	86.97
no biopsy	165	13.03	1266	100.00

Male gender 0=no 1=yes

male	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	804	63.51	804	63.51
1	462	36.49	1266	100.00

White race 0=no 1=yes

white	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	229	18.12	229	18.12
1	1035	81.88	1264	100.00

Frequency Missing = 2

Hispanic ethnicity 0=no 1=yes

hispanic	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	1120	88.47	1120	88.47
1	146	11.53	1266	100.00

Hypertension 0=no 1=yes

htn	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	649	51.26	649	51.26
1	617	48.74	1266	100.00

The FREQ Procedure

Type 2 diabetes 0=no 1=yes

diab2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	874	69.04	874	69.04
1	392	30.96	1266	100.00

Metabolic syndrome 0=no 1=yes

meta	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	488	39.39	488	39.39
1	751	60.61	1239	100.00

Frequency Missing = 27

Acanthosis nigricans 0=neg 1=pos

acanth	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	1114	88.06	1114	88.06
1	151	11.94	1265	100.00

Frequency Missing = 1

Cirrhosis 0=no 1=yes

anycirrh	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	1090	86.10	1090	86.10
1	176	13.90	1266	100.00

Abnormal AST 0=no 1=yes

astuln1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	743	58.78	743	58.78
1	521	41.22	1264	100.00

Frequency Missing = 2

The FREQ Procedure

Abnormal AST 0=no 1=yes

altuln1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	574	45.38	574	45.38
1	691	54.62	1265	100.00

Frequency Missing = 1

Isolated Alkaline phosphatase 0=no 1=yes

alkaiso	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	1214	95.89	1214	95.89
1	52	4.11	1266	100.00

ANA 0=neg 1=pos

ana	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	951	76.02	951	76.02
1	300	23.98	1251	100.00

Frequency Missing = 15

ASMA 0=neg 1=pos

asma	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	1060	86.18	1060	86.18
1	170	13.82	1230	100.00

Frequency Missing = 36

The FREQ Procedure

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

anaasma	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	1173	95.44	1173	95.44
1	56	4.56	1229	100.00

Frequency Missing = 37

AMA 0=neg 1=pos

ama	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	1186	95.95	1186	95.95
1	50	4.05	1236	100.00

Frequency Missing = 30

Steatosis>=34% 0=no 1=yes

igrade	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	501	45.67	501	45.67
1	596	54.33	1097	100.00

Frequency Missing = 169

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

iinflam	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	583	53.14	583	53.14
1	514	46.86	1097	100.00

Frequency Missing = 169

The FREQ Procedure

Portal inflammation>mild 0=no 1=yes label

iportal	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	839	76.48	839	76.48
1	258	23.52	1097	100.00

Frequency Missing = 169

Any inflammation 0=no 1=yes

iball	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	370	33.73	370	33.73
1	727	66.27	1097	100.00

Frequency Missing = 169

NAS>=5 0=no 1=yes

inas	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	582	53.05	582	53.05
1	515	46.95	1097	100.00

Frequency Missing = 169

Definite NASH 0=no 1=yes

defnash	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	472	43.07	472	43.07
1	624	56.93	1096	100.00

Frequency Missing = 170

The FREQ Procedure

Mallory bodies 0=no 1=yes

mallory	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	770	70.19	770	70.19
1	327	29.81	1097	100.00

Frequency Missing = 169

Biopsy length 0=<10mm 1=10+mm

leng10	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	942	86.42	942	86.42
1	148	13.58	1090	100.00

Frequency Missing = 176

The MEANS Procedure

Variable	Label	N
age	Age - yrs	1266
acanthn	Acanthosis nigricans severity score	1265
bmi	Body Mass Index - kg/m2	1257
waist	Waist circumference - cm	1253
wthip	Waist to hip ratio	1252
ast	AST - U/L	1264
alt	AST - U/L	1265
ratio	AST/ALT ratio	1264
alka	Alkaline phosphatase - U/L	1265
ggt	GGT - U/L	1241
glob	Globulin - g/dL	1261
alb	Albumin - g/dL	1265
bilit	Bilirubin, total - mg/dL	1266
bilid	Bilirubin, direct - mg/dL	1244
inr	International normalized ratio	1261
hema	Hematocrit - %	1264
wbc	White blood cell - 1000/mm3	1263
plat	Platelets - 1000/mm3	1264
chol	Total cholesterol - mg/dL	1264
hdl	HDL cholesterol - mg/dL	1261
ldl	LDL cholesterol - mg/dL	1230
tri	Triglycerides - mg/dL	1263
hba1c	HbA1c - %	1243
gluc	Glucose mg/dL label	1262
insu	Insulin uU/mL	1247
homa	HOMA-IR - mg/dL/uU/mL/405	1245
ferr	Ferritin ng/mL	1254
nfibro	Fibrosis score 0=none 1=mild 2=mod 3=bridge 4=cirrh	1085

Variable	Label	Mean
age	Age - yrs	49.3728278
acanthn	Acanthosis nigricans severity score	0.2616601
bmi	Body Mass Index - kg/m2	34.2603040
waist	Waist circumference - cm	108.3947670
wthip	Waist to hip ratio	0.9317312
ast	AST - U/L	50.3781646
alt	AST - U/L	68.2608696
ratio	AST/ALT ratio	0.8437790
alka	Alkaline phosphatase - U/L	90.0189723
ggt	GGT - U/L	73.9097502
glob	Globulin - g/dL	3.0425059
alb	Albumin - g/dL	4.2013439
bilit	Bilirubin, total - mg/dL	0.7879147
bilid	Bilirubin, direct - mg/dL	0.1522508
inr	International normalized ratio	1.0311657
hema	Hematocrit - %	41.8830696

The MEANS Procedure

Variable	Label	Mean
wbc	White blood cell - 1000/mm3	6.8904988
plat	Platelets - 1000/mm3	236.3898734
chol	Total cholesterol - mg/dL	193.4659810
hdl	HDL cholesterol - mg/dL	44.8065028
ldl	LDL cholesterol - mg/dL	117.0951220
tri	Triglycerides - mg/dL	172.4964371
hba1c	HbA1c - %	6.0769107
gluc	Glucose mg/dL label	107.2361331
insu	Insulin uU/mL	22.7654370
homa	HOMA-IR - mg/dL/uU/mL/405	6.3456205
ferr	Ferritin ng/mL	224.0215311
nfibro	Fibrosis score 0=none 1=mild 2=mod 3=bridge 4=cirrh	1.6663594

Variable	Label	Std Dev
age	Age - yrs	12.1228894
acanthn	Acanthosis nigricans severity score	0.8075938
bmi	Body Mass Index - kg/m2	6.5157651
waist	Waist circumference - cm	14.4396503
wthip	Waist to hip ratio	0.0800939
ast	AST - U/L	33.2487593
alt	AST - U/L	48.7934317
ratio	AST/ALT ratio	0.3954145
alka	Alkaline phosphatase - U/L	37.5758257
ggt	GGT - U/L	86.4808476
glob	Globulin - g/dL	0.5719652
alb	Albumin - g/dL	0.4622863
bilit	Bilirubin, total - mg/dL	0.5115930
bilid	Bilirubin, direct - mg/dL	0.1493448
inr	International normalized ratio	0.1821067
hema	Hematocrit - %	3.8510117
wbc	White blood cell - 1000/mm3	2.7353248
plat	Platelets - 1000/mm3	77.0056240
chol	Total cholesterol - mg/dL	42.8170586
hdl	HDL cholesterol - mg/dL	12.9368057
ldl	LDL cholesterol - mg/dL	36.7135889
tri	Triglycerides - mg/dL	118.6796609
hba1c	HbA1c - %	1.2147203
gluc	Glucose mg/dL label	38.0471725
insu	Insulin uU/mL	22.2614672
homa	HOMA-IR - mg/dL/uU/mL/405	7.7273634
ferr	Ferritin ng/mL	260.2705211
nfibro	Fibrosis score 0=none 1=mild 2=mod 3=bridge 4=cirrh	1.3306014

The MEANS Procedure

Variable	Label	Minimum
age	Age - yrs	18.0000000
acanthn	Acanthosis nigricans severity score	0
bmi	Body Mass Index - kg/m2	18.2528365
waist	Waist circumference - cm	70.5000000
wthip	Waist to hip ratio	0.7009610
ast	AST - U/L	10.0000000
alt	AST - U/L	9.0000000
ratio	AST/ALT ratio	0.1028037
alka	Alkaline phosphatase - U/L	0
ggt	GGT - U/L	5.0000000
glob	Globulin - g/dL	-0.5000000
alb	Albumin - g/dL	0.3000000
bilit	Bilirubin, total - mg/dL	0.1000000
bilid	Bilirubin, direct - mg/dL	0
inr	International normalized ratio	0.8000000
hema	Hematocrit - %	27.7000000
wbc	White blood cell - 1000/mm3	1.5000000
plat	Platelets - 1000/mm3	25.8000000
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 - %	3.4000000
gluc	Glucose mg/dL label	35.0000000
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	79.0000000
acanthn	Acanthosis nigricans severity score	4.0000000
bmi	Body Mass Index - kg/m2	59.4847863
waist	Waist circumference - cm	170.1800000
wthip	Waist to hip ratio	1.2264056
ast	AST - U/L	342.0000000
alt	AST - U/L	444.0000000
ratio	AST/ALT ratio	4.8055556
alka	Alkaline phosphatase - U/L	398.0000000
ggt	GGT - U/L	843.0000000
glob	Globulin - g/dL	7.6000000
alb	Albumin - g/dL	5.4000000
bilit	Bilirubin, total - mg/dL	6.3000000
bilid	Bilirubin, direct - mg/dL	2.0000000
inr	International normalized ratio	3.4000000
hema	Hematocrit - %	54.1000000

The MEANS Procedure

Variable	Label	Maximum
wbc	White blood cell - 1000/mm3	72.0000000
plat	Platelets - 1000/mm3	471.0000000
chol	Total cholesterol - mg/dL	404.0000000
hdl	HDL cholesterol - mg/dL	125.0000000
ldl	LDL cholesterol - mg/dL	246.0000000
tri	Triglycerides - mg/dL	1846.00
hba1c	HbA1c - %	12.5000000
gluc	Glucose mg/dL label	414.0000000
insu	Insulin uU/mL	301.0000000
homa	HOMA-IR - mg/dL/uU/mL/405	128.7948148
ferr	Ferritin ng/mL	2267.00
nfibro	Fibrosis score 0=none 1=mild 2=mod 3=bridge 4=cirrh	4.0000000