

Data Set Name: ad1.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		
2	VISIT	Char	2		5 Visit ID code
3	DAYSFROM	Num	8	BEST12.	Form completed- Days from randomization
4	AD108	Char	1		8 How was questionnaire completed
5	AD109A	Char	1		9a Patient responded
6	AD109B	Char	1		9b Patient's mother/female guardian resp
7	AD109C	Char	1		9c Patient's father/male guardian respon
8	AD109D	Char	1		9d Other respondent
9	AD109DS	Char	1		9d Specify other respondent
10	AD112	Char	1		12 How often have drink with alcohol
11	AD113	Char	1		13 How many drinks on typical drinking d
12	AD114	Char	1		14 How often have 6+ drinks on one occas
13	AD115	Char	1		15 How often not able to stop drinking/p
14	AD116	Char	1		16 How often failed to do expected in la
15	AD117	Char	1		17 How often need drink in AM after heav
16	AD118	Char	1		18 How often felt guilt/remorse after dr
17	AD119	Char	1		19 How often can't remember what happene
18	AD120	Char	1		20 Anyone injured as result of your drin
19	AD121	Char	1		21 Anyone concerned about your drinking

Data Set Name: bg2.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		
2	VISIT	Char	2		5 Visit ID code
3	DAYSFROM	Num	8	BEST12.	Form completed- Days from randomization
4	BG208	Char	1		8 Relatives have liver disease
5	BG209A	Char	1		9a Alcohol related liver disease
6	BG209B	Char	1		9b Viral hepatitis
7	BG209C	Char	1		9c Alpha-1 antitrypsin deficiency
8	BG209D	Char	1		9d Wilson's disease
9	BG209E	Char	1		9e Glycogen storage disease
10	BG209F	Char	1		9f Hemochromatosis or iron overload
11	BG209G	Char	1		9g Fatty liver disease (NAFLD, NASH)
12	BG209H	Char	1		9h Primary liver cancer
13	BG209I	Char	1		9i Type of liver disease unknown
14	BG209J	Char	1		9j Other liver disease
15	BG209JS	Char	20		9j Specify other liver disease
16	BG210	Char	1		10 Relatives have cirrhosis
17	BG211	Char	1		11 Is cause of cirrhosis unknown
18	BG212	Char	1		12 Relatives have diabetes (Type 1 or Ty
19	BG213	Char	1		13 Relatives have obesity
20	BG214	Char	1		14 Relatives have atrophy of body fat
21	BG215	Char	1		15 Relatives have problem with cholester
22	BG216	Char	7		16 Date first diagnosed with NASH
23	BG217A	Char	1		17a Symptoms for liver disease
24	BG217B	Char	1		17b Evaluated for another illness
25	BG217C	Char	1		17c Routine or insurance physical exam
26	BG217D	Char	1		17d Blood donation
27	BG217E	Char	1		17e Other
28	BG217ES	Char	35		17e Specify other
29	BG218A	Char	1		18a Liver biopsy
30	BG218B	Char	1		18b Imaging studies
31	BG218C	Char	1		18c Elevated aminotransferases
32	BG218D	Char	1		18d Other
33	BG218DS	Char	26		18d Specify other
34	BG219	Char	4		19 Patient's birthweight
35	BG220	Char	3		20 Current weight (lbs)
36	BG221	Char	3		21 Most ever weighed
37	BG222	Char	2		22 Age when weighed the most

Num	Variable	Type	Len	Format	Label
38	BG223	Char	1		23 Ever smoked cigarettes
39	BG224	Char	1		24 Smoked cigarettes regularly
40	BG225	Char	2		25 Age first started smoking
41	BG226	Char	2		26 Age stopped smoking
42	BG227	Char	3		27 Number cigarettes smoked per day
43	BG228	Char	1		28 Is patient female
44	BG229A	Char	1		29a Has menarche occurred
45	BG229B	Char	2		29b Age at menarche
46	BG230	Char	1		30 Characterize menstrual history
47	BG231A	Char	1		31a Diabetes type 1
48	BG231B	Char	1		31b Diabetes type 2
49	BG231C	Char	1		31c Gestational diabetes
50	BG231D	Char	1		31d Hepatitis B
51	BG231E	Char	1		31e Hepatitis C
52	BG231F	Char	1		31f Autoimmune hepatitis
53	BG231G	Char	1		31g Autoimmune cholestatic liver disorder
54	BG231H	Char	1		31h Wilson's disease
55	BG231I	Char	1		31i Alpha-1-antitrypsin (A1AT) deficiency
56	BG231J	Char	1		31j Hemochromatosis or iron overload
57	BG231K	Char	1		31k Drug induced liver disease
58	BG231L	Char	1		31l Gilbert's syndrome
59	BG231M	Char	1		31m Esophageal or gastric varices on end
60	BG231N	Char	1		31n Bleeding from varices
61	BG231O	Char	1		31o Other gastrointestinal bleeding
62	BG231P	Char	1		31p Biliary diversion
63	BG231Q	Char	1		31q Metabolic acidosis
64	BG231R	Char	1		31r Ascites
65	BG231S	Char	1		31s Edema
66	BG231T	Char	1		31t Hepatic encephalopathy
67	BG231U	Char	1		31u Portal hypertension
68	BG231V	Char	1		31v Hepatorenal syndrome
69	BG231W	Char	1		31w Hepatopulmonary syndrome
70	BG231X	Char	1		31x Short bowel syndrome
71	BG231Y	Char	1		31y Hemophilia
72	BG231Z	Char	1		31z Systemic autoimmune disorder
73	BG231AA	Char	1		31aa Endocrine disease
74	BG231AB	Char	1		31ab Hepatocellular carcinoma
75	BG231AC	Char	1		31ac Other malignancy
76	BG231AD	Char	1		31ad Human immunodeficiency virus (HIV)

Num	Variable	Type	Len	Format	Label
77	BG231AE	Char	1		31ae Peripheral neuropathy
78	BG231AF	Char	1		31af Seizure disorder or epilepsy
79	BG231AG	Char	1		31ag Drug allergies
80	BG231AH	Char	1		31ah Hypothyroidism
81	BG231AI	Char	1		31ai Hypertension
82	BG231AJ	Char	1		31aj Cerebrovascular disease
83	BG231AK	Char	1		31ak Dysbetalipoproteinemia
84	BG231AL	Char	1		31al Hyperlipidemia
85	BG231AM	Char	1		31am Pancreatitis
86	BG231AN	Char	1		31an Cholelithiasis
87	BG231AO	Char	1		31ao Coronary artery disease
88	BG231AP	Char	1		31ap Congestive heart failure
89	BG231AQ	Char	1		31aq Elevated uric acid
90	BG231AR	Char	1		31ar Kidney disease
91	BG231AS	Char	1		31as Polycystic ovary syndrome
92	BG231AT	Char	1		31at Sleep apnea
93	BG231AU	Char	1		31au Dermatologic disorders
94	BG231AV	Char	1		31av Myopathy
95	BG231AW	Char	1		31aw Myositis
96	BG231AX	Char	1		31ax Major depression
97	BG231AY	Char	1		31ay Schizophrenia
98	BG231AZ	Char	1		31az Bipolar disorder
99	BG231BA	Char	1		31ba Obsessive compulsive disorder
100	BG231BB	Char	1		31bb Severe anxiety or personality disor
101	BG231BC	Char	1		31bc Substance abuse
102	BG231BD	Char	1		31bd None of the above
103	BG232A	Char	1		32a Stapling of the stomach
104	BG232B	Char	1		32b Jejunioleal bypass
105	BG232C	Char	1		32c Biliopancreatic diversion
106	BG232D	Char	1		32d Other GI or bariatric surgery
107	BG232DS	Char	15		32d Specify other
108	BG232E	Char	1		32e None of the above
109	BG233	Char	1		33 Undergoing evaluation for bariatric s
110	BG234	Char	1		34 Received TPN in past 12 months
111	BG235A	Char	1		35a Ever received liver transplant
112	BG235B	Char	1		35b Ever received organ/limb/bone marrow
113	BG236A	Char	1		36a Acetylsalicylic acid (ASA)
114	BG236B	Char	1		36b Aspirin - 325 mg
115	BG236C	Char	1		36c Demeclocycline

Num	Variable	Type	Len	Format	Label
116	BG236D	Char	1		36d Divalproex
117	BG236E	Char	1		36e Doxycycline
118	BG236F	Char	1		36f Minocycline
119	BG236G	Char	1		36g Oxytetracycline
120	BG236H	Char	1		36h Tetracycline
121	BG236I	Char	1		36i Valproate sodium
122	BG236J	Char	1		36j Valproic acid
123	BG236K	Char	1		36k Other known hepatotoxin
124	BG236KS	Char	1		36k Specify other
125	BG236L	Char	1		36l None of the above
126	BG237	Char	1		37 Were any of items 36a-k checked
127	BG238A	Char	1		38a Betamethasone sodium
128	BG238B	Char	1		38b Cortisol
129	BG238C	Char	1		38c Cortisone
130	BG238D	Char	1		38d Dexamethasone
131	BG238E	Char	1		38e Hydrocortisone
132	BG238F	Char	1		38f Methylprednisolone
133	BG238G	Char	1		38g Prednisolone
134	BG238H	Char	1		38h Prednisone
135	BG238I	Char	1		38i Triamcinolone
136	BG238J	Char	1		38j Other
137	BG238JS	Char	6		38j Specify other
138	BG238K	Char	1		38k Other
139	BG238KS	Char	1		38k Specify other
140	BG238L	Char	1		38l None of the above
141	BG239	Char	1		39 Were any of items 38a-k checked
142	BG240A	Char	1		40a Boldenone undecylenate
143	BG240B	Char	1		40b Fluoxymesterone
144	BG240C	Char	1		40c Methandrostenolone
145	BG240D	Char	1		40d Methyltestosterone
146	BG240E	Char	1		40e Nandrolone
147	BG240F	Char	1		40f Oxandrolone
148	BG240G	Char	1		40g Oxymetholone
149	BG240H	Char	1		40h Stanzolol
150	BG240I	Char	1		40i Tamoxifen
151	BG240J	Char	1		40j Testosterone
152	BG240K	Char	1		40k Other
153	BG240KS	Char	1		40k Specify other
154	BG240L	Char	1		40l Other

Num	Variable	Type	Len	Format	Label
155	BG240LS	Char	1		40l Specify other
156	BG240M	Char	1		40m None of the above
157	BG241	Char	1		41 Were any of items 40a-l checked
158	BG242	Char	1		42 Intolerance to metformin
159	BG243A	Char	1		43a Acarbose
160	BG243B	Char	1		43b Acetohexamide
161	BG243C	Char	1		43c Chlorpropamide
162	BG243D	Char	1		43d Glimepiride
163	BG243E	Char	1		43e Glipizide
164	BG243F	Char	1		43f Glyburide
165	BG243G	Char	1		43g Insulin
166	BG243H	Char	1		43h Metformin
167	BG243I	Char	1		43i Miglitol
168	BG243J	Char	1		43j Nateglinide
169	BG243K	Char	1		43k Pioglitazone
170	BG243L	Char	1		43l Repaglinide
171	BG243M	Char	1		43m Rosiglitazone
172	BG243N	Char	1		43n Tolazamide
173	BG243O	Char	1		43o Tolbutamide
174	BG243P	Char	1		43p Other antidiabetic medications
175	BG243PS	Char	1		43p Specify other antidiabetic medicatio
176	BG243Q	Char	1		43q None of the above
177	BG244	Char	1		44 Were any of items 43a-p checked
178	BG245A	Char	1		45a Betaine
179	BG245B	Char	1		45b Choline+methionine+...+pyridoxine
180	BG245C	Char	1		45c Metformin
181	BG245D	Char	1		45d Ursodeoxycholic acid
182	BG245E	Char	1		45e S-adenylmethionine
183	BG245F	Char	1		45f Milk thistle
184	BG245G	Char	1		45g Probiotics
185	BG245H	Char	1		45h Gemfibrozil
186	BG245I	Char	1		45i Other antiNAFLD drug
187	BG245IS	Char	1		45i Specify other antiNAFLD drug
188	BG245J	Char	1		45j None of the above
189	BG246	Char	1		46 Were any of items 45a-h checked
190	BG247	Char	1		47 Taken a multivitamin in past 3 months
191	BG248	Char	1		48 Taken any vitamin E in past 3 months
192	BG249	Char	1		49 Vitamin E at dose >100 IU/day
193	BG250	Char	1		50 Willing to refrain from vitE>100 IU/d

Num	Variable	Type	Len	Format	Label
194	BG251	Char	1		51 Known intolerance to vitamin E
195	BG252A	Char	1		52a Vitamin B
196	BG252B	Char	1		52b Vitamin C
197	BG252C	Char	1		52c Vitamin D
198	BG252D	Char	1		52d Other
199	BG252DS	Char	13		52d Specify other
200	BG252E	Char	1		52e None of the above
201	BG253A	Char	1		53a Atorvastatin
202	BG253B	Char	1		53b Colestipol hydrochloride
203	BG253C	Char	1		53c Clofibrate
204	BG253D	Char	1		53d Fenofibrate
205	BG253E	Char	1		53e Fluvastatine sodium
206	BG253F	Char	1		53f Lovastatin
207	BG253G	Char	1		53g Nicotinic acid
208	BG253H	Char	1		53h Provastatin sodium
209	BG253I	Char	1		53i Rosuvastatin
210	BG253J	Char	1		53j Simvastatin
211	BG253K	Char	1		53k Other
212	BG253KS	Char	1		53k Specify other
213	BG253L	Char	1		53l None of the above
214	BG254A	Char	1		54a Dexfenfluramine hydrochloride
215	BG254B	Char	1		54b Fenfluramine hydrochloride
216	BG254C	Char	1		54c Methamphetamine hydrochloride
217	BG254D	Char	1		54d Orlistat
218	BG254E	Char	1		54e Phendimetrazine tartrate
219	BG254F	Char	1		54f Phentermine hydrochloride
220	BG254G	Char	1		54g Sibutramine hydrochloride monohydrat
221	BG254H	Char	1		54h Other
222	BG254HS	Char	1		54h Specify other
223	BG254I	Char	1		54i Other
224	BG254IS	Char	1		54i Specify other
225	BG254J	Char	1		54j None of the above
226	BG255	Char	1		55 Were any of items 54a-i checked
227	BG256A	Char	1		56a Acetaminophen
228	BG256B	Char	1		56b Aspirin - 325 mg
229	BG256C	Char	1		56c Celecoxib
230	BG256D	Char	1		56d Ibuprofen
231	BG256E	Char	1		56e Indomethacin
232	BG256F	Char	1		56f Naproxen

Num	Variable	Type	Len	Format	Label
233	BG256G	Char	1		56g Other
234	BG256GS	Char	13		56g Specify other
235	BG256H	Char	1		56h Other
236	BG256HS	Char	8		56h Specify other
237	BG256I	Char	1		56i None of the above
238	BG257A	Char	1		57a Cimetidine
239	BG257B	Char	1		57b Esomeprazole magnesium
240	BG257C	Char	1		57c Famotidine
241	BG257D	Char	1		57d Lansoprazole
242	BG257E	Char	1		57e Nizatidine
243	BG257F	Char	1		57f Omeprazole
244	BG257G	Char	1		57g Ranitidine
245	BG257H	Char	1		57h Ranitidine bismuth citrate
246	BG257I	Char	1		57i Antacids
247	BG257IS	Char	24		57i Specify antacids
248	BG257J	Char	1		57j Other
249	BG257JS	Char	14		57j Specify other
250	BG257K	Char	1		57k Other
251	BG257KS	Char	12		57k Specify other
252	BG257L	Char	1		57l None of the above
253	BG258A	Char	1		58a Albuterol
254	BG258B	Char	1		58b Beclomethasone dipropionate
255	BG258C	Char	1		58c Budesonide
256	BG258D	Char	1		58d Fluticasone propionate
257	BG258E	Char	1		58e Loratadine
258	BG258F	Char	1		58f Mometasone furoate
259	BG258G	Char	1		58g Triamcinolone acetonide
260	BG258H	Char	1		58h Other
261	BG258HS	Char	28		58h Specify other
262	BG258I	Char	1		58i Other
263	BG258IS	Char	9		58i Specify other
264	BG258J	Char	1		58j None of the above
265	BG259A	Char	1		59a Alpha-lipoic acid
266	BG259B	Char	1		59b Beta-carotene
267	BG259C	Char	1		59c Calcium
268	BG259D	Char	1		59d Carnitine
269	BG259E	Char	1		59e Chondroitin
270	BG259F	Char	1		59f Cod liver oil
271	BG259G	Char	1		59g Coenzyme Q

Num	Variable	Type	Len	Format	Label
272	BG259H	Char	1		59h Dichloroacetate
273	BG259I	Char	1		59i Echinacea
274	BG259J	Char	1		59j Fish oil
275	BG259K	Char	1		59k Flax seed oil
276	BG259L	Char	1		59l Garlic
277	BG259M	Char	1		59m Ginko biloba
278	BG259N	Char	1		59n Glucosamine
279	BG259O	Char	1		59o Lecithin
280	BG259P	Char	1		59p Magnesium
281	BG259Q	Char	1		59q N-acetyl-cysteine
282	BG259R	Char	1		59r Potassium
283	BG259S	Char	1		59s Saw palmetto
284	BG259T	Char	1		59t Selenium
285	BG259U	Char	1		59u St John's Wort
286	BG259V	Char	1		59v Taurine
287	BG259W	Char	1		59w Zinc picolinate
288	BG259X	Char	1		59x Other
289	BG259XS	Char	23		59x Specify other
290	BG259Y	Char	1		59y Other
291	BG259YS	Char	1		59y Specify other
292	BG259Z	Char	1		59z None of the above
293	BG260A	Char	1		60a Isotretinoin
294	BG260B	Char	1		60b Levonorgestrel
295	BG260C	Char	1		60c Levothyroxine
296	BG260D	Char	1		60d Liothyronine
297	BG260E	Char	1		60e Oral contraceptives
298	BG260F	Char	1		60f Penicillamine
299	BG260G	Char	1		60g Trientine hydrochloride
300	BG260H	Char	1		60h Other
301	BG260HS	Char	18		60h Specify other
302	BG260I	Char	1		60i Other
303	BG260IS	Char	21		60i Specify other
304	BG260J	Char	1		60j Other
305	BG260JS	Char	19		60j Specify other
306	BG260K	Char	1		60k Other
307	BG260KS	Char	19		60k Specify other
308	BG260L	Char	1		60l Other
309	BG260LS	Char	20		60l Specify other
310	BG260M	Char	1		60m None of the above

Num	Variable	Type	Len	Format	Label
311	BG261	Char	1		61 Are you female and of childbearing po
312	BG262	Char	1		62 Are you currently pregnant
313	BG263	Char	1		63 Are you currently breast feeding
314	BG264	Char	1		64 Are you willing to use birth control

Data Set Name: block_tonic.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	study	Char	1	7 Study
3	visit	Char	4	5 Visit ID code
4	SEX	Num	4	
5	AGECODE	Char	2	
6	WEIGHT	Char	3	
7	HEIGHT	Char	2	
8	HISP_YN	Num	4	
9	BLACK_YN	Num	4	
10	AMIND_YN	Num	4	
11	WHITE_YN	Num	4	
12	ASIAN_YN	Num	4	
13	HAWAI_YN	Num	4	
14	PREGNANT	Char	1	
15	SMOKENOW	Char	1	
16	AMTSMOKE	Char	1	
17	DRNKMRE	Char	1	
18	TOOKVITS	Char	1	
19	YRSMULT	Char	1	
20	YRSSTRSS	Char	1	
21	YRSAO	Char	1	
22	YRSVITA	Char	1	
23	YRSBETA	Char	1	
24	YRSVITC	Char	1	
25	YRSVITE	Char	1	
26	YRSFOL	Char	1	
27	YRSCALCI	Char	1	
28	YRSIRON	Char	1	
29	YRSZINC	Char	1	
30	YRSSELE	Char	1	
31	YRSVITD	Char	1	
32	EATMEAT	Char	1	
33	FREQFAT	Char	1	
34	DT_KCAL	Num	8	
35	DT_PROT	Num	8	
36	DT_FAT	Num	8	
37	DT_CARB	Num	8	

Num	Variable	Type	Len	Label
38	DT_CALC	Num	8	
39	DT_PHOS	Num	8	
40	DT_FE	Num	8	
41	DT_NA	Num	8	
42	DT_POTA	Num	8	
43	DT_A_IU	Num	8	
44	DT_A_RE	Num	8	
45	DT_B1	Num	8	
46	DT_RIBO	Num	8	
47	DT_NIAC	Num	8	
48	DT_VITC	Num	8	
49	DT_SFAT	Num	8	
50	DT_OLEC	Num	8	
51	DT_LIN	Num	8	
52	DT_CHOL	Num	8	
53	DT_DFIB	Num	8	
54	DT_FOL	Num	8	
55	DT_VITE	Num	8	
56	DT_ZINC	Num	8	
57	DT_ANZN	Num	8	
58	DT_B6	Num	8	
59	DT_MG	Num	8	
60	DT_ACAR	Num	8	
61	DT_BCAR	Num	8	
62	DT_CRYP	Num	8	
63	DT_LUT	Num	8	
64	DT_LYC	Num	8	
65	DT_RET	Num	8	
66	DT_PROA	Num	8	
67	GENISTEN	Num	8	
68	DAIDZEN	Num	8	
69	DT_VITD	Num	8	
70	DT_CAFFN	Num	8	
71	DT_VITK	Num	8	
72	DT_B12	Num	8	
73	DT_CYST	Num	8	
74	DT_METH	Num	8	
75	BETAINE	Num	8	
76	TCHOLINE	Num	8	

Num	Variable	Type	Len	Label
77	GRAMSSF	Num	8	
78	PCTFAT	Num	8	
79	PCTPROT	Num	8	
80	PCTCARB	Num	8	
81	PCTSWEET	Num	8	
82	PCTALCH	Num	8	
83	BA_PFAT	Num	8	
84	BA_PPROT	Num	8	
85	BA_PCARB	Num	8	
86	FIBBEAN	Num	8	
87	FIBVEGFR	Num	8	
88	FIBGRAIN	Num	8	
89	SUP_VITA	Num	8	
90	SUP_VITC	Num	8	
91	SUP_VITD	Num	8	
92	SUP_VITE	Num	8	
93	SUP_FE	Num	8	
94	SUP_CA	Num	8	
95	SUP_ZINC	Num	8	
96	SUP_BCAR	Num	8	
97	SUP_B1	Num	8	
98	SUP_B6	Num	8	
99	SUP_B12	Num	8	
100	SUP_FOL	Num	8	
101	SUP_CU	Num	8	
102	SUP_SE	Num	8	
103	SUP_B2	Num	8	
104	SUP_MG	Num	8	
105	SUP_NIAC	Num	8	
106	VEGSRV	Num	8	
107	FRUITSRV	Num	8	
108	GRAINSRV	Num	8	
109	MEATSRV	Num	8	
110	DAIRYSRV	Num	8	
111	FATSRV	Num	8	
112	OUTLBFOR	Char	1	
113	OUTLAFTR	Char	1	
114	N_SKIP	Num	4	
115	N_NOSERV	Num	4	

Num	Variable	Type	Len	Label
116	N_FDSDAY	Num	8	
117	PCT_SMAL	Num	8	
118	PCT_MEDS	Num	8	
119	PCT_LARG	Num	8	
120	PCT_XLS	Num	8	
121	N_ONCES	Num	4	
122	PCT_COL1	Num	8	
123	PCT_COL9	Num	8	
124	N_HIGHS	Num	4	
125	N_HIGRUP	Num	4	
126	FIXYN	Num	4	
127	N_FIXES	Num	4	
128	N_WARNS	Num	4	
129	N_ERR	Num	4	
130	formdate	Num	8	

Data Set Name: cr1.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		
2	VISIT	Char	4		5 Visit ID code
3	DAYSFROM	Num	8	BEST12.	Form completed- Days from randomization
4	CR108	Char	7		Biopsy- Days from randomization
5	CR109A	Char	2		9a H&E sequence number
6	CR109B	Char	2		9b Trichrome sequence number
7	CR109C	Char	2		9c Iron sequence number
8	CR109D	Char	2		9d Other slide sequence number
9	CR109DS	Char	13		9d Specify stain type
10	CR113	Char	1		13 Tissue adequate
11	CR115	Char	2		15 Biopsy length
12	CR116A	Char	1		16a Steatosis grade
13	CR116B	Char	1		16b Steatosis location
14	CR116C	Char	1		16c Microvesicular steatosis, contiguous
15	CR117A	Char	1		17a Amount of lobular inflammation
16	CR117B	Char	1		17b Microgranulomas seen
17	CR117C	Char	1		17c Large lipogranulomas seen
18	CR117D	Char	1		17d Amount of portal, chronic inflammati
19	CR118A	Char	1		18a Ballooning
20	CR118B	Char	1		18b Acidophil bodies
21	CR118C	Char	1		18c Pigmented macrophages
22	CR118D	Char	1		18d Megamitochondria
23	CR119	Char	1		19 Mallory bodies
24	CR120	Char	1		20 Glycogen nuclei
25	CR121	Char	2		21 Fibrosis stage
26	CR122A	Char	1		22a Hepatocellular iron grade
27	CR122B	Char	1		22b Hepatocellular iron distribution
28	CR122C	Char	1		22c Nonhepatocellular iron grade
29	CR122D	Char	1		22d Nonhepatocellular iron distribution
30	CR123	Char	2		23 Is this steatohepatitis
31	CR124	Char	1		24 Is cirrhosis present
32	CR125	Char	1		25 Is this cryptogenic cirrhosis
33	CR126A	Char	1		26a Mallory's hyaline (r/o cholate stas
34	CR126B	Char	1		26b Perisinusoidal fibrosis away from s
35	CR126C	Char	1		26c Hepatocyte ballooning
36	CR126D	Char	1		26d Megamitochondria

Num	Variable	Type	Len	Format	Label
37	CR126E	Char	1		26e Other
38	CR126ES	Char	1		26e Specify other findings

Data Set Name: dr1.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		
2	VISIT	Char	1		5 Visit ID code
3	DAYSFROM	Num	8	BEST12.	Form completed- Days from randomization
4	DR109A	Char	1		9a Patient's family
5	DR109B	Char	1		9b Friend
6	DR109C	Char	1		9c Health care provider or NASH CRN staf
7	DR109D	Char	1		9d Newspaper
8	DR109E	Char	1		9e Funeral parlor/home
9	DR109F	Char	1		9f Medical record
10	DR109G	Char	1		9g Medical examiner
11	DR109H	Char	1		9h Coroner
12	DR109I	Char	1		9i Other
13	DR109IS	Char	1		9i Specify other
14	DR109IT	Char	1		9i Specify other
15	DR111	Char	1		11 Cause of death
16	DR111S	Char	7		11 Specify other
17	DR111T	Char	1		11 Specify other

Data Set Name: dx1.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		
2	VISIT	Char	4		5 Visit ID code
3	DAYSFROM	Num	8	BEST12.	Form completed- Days from randomization
4	DX108	Char	1		8 Whole body DEXA done
5	DX109A	Char	1		9a Patient heavier than allowed weight
6	DX109B	Char	1		9b Scanner is broken
7	DX109C	Char	1		9c Other reason for no test
8	DX109CS	Char	30		9c Specify other reason for no test
9	DX110	Char	1		10 DEXA scanner model used
10	DX110S	Char	24		10 Specify other scanner
11	DX111	Char	7		DEXA scan- Days from randomization
12	DX112	Num	8	BEST12.	12 Trunk % fat
13	DX113	Num	8	BEST12.	13 Total % fat

Data Set Name: hi1.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		
2	VISIT	Char	4		5 Visit ID code
3	DAYSFROM	Num	8	BEST12.	Form completed- Days from randomization
4	HI109	Char	4		9 Visit code of last followup medical hi
5	HI110	Char	1		10 Liver biopsy since last visit
6	HI111	Char	1		11 How often had alcoholic drink
7	HI112	Char	1		12 Number of drinks on a typical day whe
8	HI113	Char	1		13 How often had 6 or more drinks
9	HI114	Char	1		14 Smoked cigarettes regularly since las
10	HI115	Char	1		15 Number of days smoked per week
11	HI116	Char	3		16 Number cigarettes smoked per day
12	HI117A	Char	1		17a Diabetes type 1
13	HI117B	Char	1		17b Diabetes type 2
14	HI117C	Char	1		17c Gestational diabetes
15	HI117D	Char	1		17d Hepatitis B
16	HI117E	Char	1		17e Hepatitis C
17	HI117F	Char	1		17f Autoimmune hepatitis
18	HI117G	Char	1		17g Autoimmune cholestatic liver disorde
19	HI117H	Char	1		17h Wilson's disease
20	HI117I	Char	1		17i Alpha-1 antitrypsin deficiency
21	HI117J	Char	1		17j Iron overload
22	HI117K	Char	1		17k Drug induced liver disease
23	HI117L	Char	1		17l Gilbert's syndrome
24	HI117M	Char	1		17m Esophageal or gastric varices on end
25	HI117N	Char	1		17n Bleeding from varices
26	HI117O	Char	1		17o Other gastrointestinal bleeding
27	HI117P	Char	1		17p Biliary diversion
28	HI117Q	Char	1		17q Metabolic acidosis
29	HI117R	Char	1		17r Ascites
30	HI117S	Char	1		17s Edema
31	HI117T	Char	1		17t Hepatic encephalopathy
32	HI117U	Char	1		17u Portal hypertension
33	HI117V	Char	1		17v Hepatorenal syndrome
34	HI117W	Char	1		17w Hepatopulmonary syndrome
35	HI117X	Char	1		17x Short bowel syndrome
36	HI117Y	Char	1		17y Hemophilia
37	HI117Z	Char	1		17x Systemic autoimmune disorder

Num	Variable	Type	Len	Format	Label
38	HI117AA	Char	1		17aa Endocrine disease
39	HI117AB	Char	1		17ab Hepatocellular carcinoma
40	HI117AC	Char	1		17ac Other malignancy
41	HI117AD	Char	1		17ad Human immunodeficiency virus (HIV)
42	HI117AE	Char	1		17ae Peripheral neuropathy
43	HI117AF	Char	1		17af Seizure disorder or epilepsy
44	HI117AG	Char	1		17ag Drug allergies
45	HI117AH	Char	1		17ah Hypothyroidism
46	HI117AI	Char	1		17ai Hypertension
47	HI117AJ	Char	1		17aj Cerebrovascular disease
48	HI117AK	Char	1		17ak Dysbetalipoproteinemia
49	HI117AL	Char	1		17al Hyperlipidemia
50	HI117AM	Char	1		17am Pancreatitis
51	HI117AN	Char	1		17an Cholelithiasis
52	HI117AO	Char	1		17ao Coronary artery disease
53	HI117AP	Char	1		17ap Congestive heart failure
54	HI117AQ	Char	1		17aq Elevated uric acid
55	HI117AR	Char	1		17ar Kidney disease
56	HI117AS	Char	1		17as Polycystic ovary syndrome
57	HI117AT	Char	1		17at Sleep apnea
58	HI117AU	Char	1		17au Dermatologic disorders
59	HI117AV	Char	1		17av Myopathy
60	HI117AW	Char	1		17aw Myositis
61	HI117AX	Char	1		17ax Major depression
62	HI117AY	Char	1		17ay Schizophrenia
63	HI117AZ	Char	1		17az Bipolar disorder
64	HI117BA	Char	1		17ba Obsessive compulsive disorder
65	HI117BB	Char	1		17bb Severe anxiety or personality disorder
66	HI117BC	Char	1		17bc Substance abuse
67	HI117BD	Char	1		17bd None of the above
68	HI118A	Char	1		18a Stapling of the stomach
69	HI118B	Char	1		18b Jejunioileal bypass
70	HI118C	Char	1		18c Biliopancreatic diversion
71	HI118D	Char	1		18d Other GI or bariatric surgery
72	HI118DS	Char	12		18d Specify other
73	HI118E	Char	1		18e None of the above
74	HI119	Char	1		19 Received organ/limb/bone marrow trans
75	HI120	Char	1		20 Received TPN since last visit
76	HI121	Char	1		21 Been hospitalized since the last visit

Num	Variable	Type	Len	Format	Label
77	HI122	Char	1		22 Had any serious health problem not al
78	HI122S	Char	35		22 Specify other serious health problem
79	HI123A	Char	1		23a Acarbose
80	HI123B	Char	1		23b Acetohexamide
81	HI123C	Char	1		23c Chlorpropamide
82	HI123D	Char	1		23d Glimepiride
83	HI123E	Char	1		23e Glipizide
84	HI123F	Char	1		23f Glyburide
85	HI123G	Char	1		23g Insulin
86	HI123H	Char	1		23h Metformin
87	HI123I	Char	1		23i Miglitol
88	HI123J	Char	1		23j Nateglinide
89	HI123K	Char	1		23k Pioglitazone
90	HI123L	Char	1		23l Repaglinide
91	HI123M	Char	1		23m Rosiglitazone
92	HI123N	Char	1		23n Tolazamide
93	HI123O	Char	1		23o Tolbutamide
94	HI123P	Char	1		23p Other
95	HI123PS	Char	1		23p Specify other
96	HI123Q	Char	1		23q None of the above
97	HI124A	Char	1		24a Atorvastatin
98	HI124B	Char	1		24b Colestipol hydrochloride
99	HI124C	Char	1		24c Clofibrate
100	HI124D	Char	1		24d Gemfibrozil
101	HI124E	Char	1		24e Fenofibrate
102	HI124F	Char	1		24f Fluvastatin sodium
103	HI124G	Char	1		24g Lovastatin
104	HI124H	Char	1		24h Nicotinic acid
105	HI124I	Char	1		24i Pravastatin sodium
106	HI124J	Char	1		24j Rosuvastatin
107	HI124K	Char	1		24k Simvastatin
108	HI124L	Char	1		24l Other
109	HI124LS	Char	8		24l Specify other
110	HI124M	Char	1		24m None of the above
111	HI125A	Char	1		25a Dexfenfluramine hydrochloride
112	HI125B	Char	1		25b Fenfluramine hydrochloride
113	HI125C	Char	1		25c Methamphetamine hydrochloride
114	HI125D	Char	1		25d Orlistat
115	HI125E	Char	1		25e Phendimetrazine tartrate

Num	Variable	Type	Len	Format	Label
116	HI125F	Char	1		25f Phentermine hydrochloride
117	HI125G	Char	1		25g Sibutramine hydrochloride monohydrat
118	HI125H	Char	1		25h Other
119	HI125HS	Char	24		25h Specify other
120	HI125I	Char	1		25i Other
121	HI125IS	Char	1		25i Specify other
122	HI125J	Char	1		25j None of the above
123	HI126A	Char	1		26a Acetaminophen
124	HI126B	Char	1		26b Aspirin - 325 mg
125	HI126C	Char	1		26c Celecoxib
126	HI126D	Char	1		26d Ibuprofen
127	HI126E	Char	1		26e Indomethacin
128	HI126F	Char	1		26f Naproxen
129	HI126G	Char	1		26g Valdecoxib
130	HI126H	Char	1		26h Other
131	HI126HS	Char	30		26h Specify other
132	HI126I	Char	1		26i Other
133	HI126IS	Char	19		26i Specify other
134	HI126J	Char	1		26j None of the above
135	HI127A	Char	1		27a Cimetidine
136	HI127B	Char	1		27b Esomeprazole magnesium
137	HI127C	Char	1		27c Famotidine
138	HI127D	Char	1		27d Lansoprazole
139	HI127E	Char	1		27e Nizatidine
140	HI127F	Char	1		27f Omeprazole
141	HI127G	Char	1		27g Ranitidine
142	HI127H	Char	1		27h Ranitidine bismuth citrate
143	HI127I	Char	1		27i Antacids
144	HI127IS	Char	24		27i Specify antacids
145	HI127J	Char	1		27j Other
146	HI127JS	Char	22		27j Specify other
147	HI127K	Char	1		27k Other
148	HI127KS	Char	19		27k Specify other
149	HI127L	Char	1		27l None of the above
150	HI128A	Char	1		28a Betamethasone sodium
151	HI128B	Char	1		28b Cortisol
152	HI128C	Char	1		28c Cortisone
153	HI128D	Char	1		28d Dexamethasone
154	HI128E	Char	1		28e Hydrocortisone

Num	Variable	Type	Len	Format	Label
155	HI128F	Char	1		28f Methylprednisolone
156	HI128G	Char	1		28g Prednisolone
157	HI128H	Char	1		28h Prednisone
158	HI128I	Char	1		28i Triamcinolone
159	HI128J	Char	1		28j Other
160	HI128JS	Char	19		28j Specify other
161	HI128K	Char	1		28k Other
162	HI128KS	Char	1		28k Specify other
163	HI128L	Char	1		28l None of the above
164	HI129A	Char	1		29a Boldenone undecylenate
165	HI129B	Char	1		29b Fluxoxymesterone
166	HI129C	Char	1		29c Methandrostenolone
167	HI129D	Char	1		29d Methyltestosterone
168	HI129E	Char	1		29e Nandrolone
169	HI129F	Char	1		29f Oxandrolone
170	HI129G	Char	1		29g Oxymetholone
171	HI129H	Char	1		29h Stanzolol
172	HI129I	Char	1		29i Tamoxifen
173	HI129J	Char	1		29j Testosterone
174	HI129K	Char	1		29k Other steroid
175	HI129KS	Char	1		29k Specify other steroid
176	HI129L	Char	1		29l Other steroid
177	HI129LS	Char	1		29l Specify other steroid
178	HI129M	Char	1		29m None of the above
179	HI130A	Char	1		30a Albuterol
180	HI130B	Char	1		30b Beclomethasone dipropionate
181	HI130C	Char	1		30c Budesonide
182	HI130D	Char	1		30d Fluticasone propionate
183	HI130E	Char	1		30e Loratadine
184	HI130F	Char	1		30f Mometasone furoate
185	HI130G	Char	1		30g Triamcinolone acetonide
186	HI130H	Char	1		30h Other
187	HI130HS	Char	35		30h Specify other
188	HI130I	Char	1		30i Other
189	HI130IS	Char	28		30i Specify other
190	HI130J	Char	1		30j None of the above
191	HI131	Char	1		31 Taken a multivitamin regularly since
192	HI132	Char	1		32 Taken other vitamins since last visit
193	HI133A	Char	1		33a Vitamin B

Num	Variable	Type	Len	Format	Label
194	HI133B	Char	1		33b Vitamin C
195	HI133C	Char	1		33c Vitamin D
196	HI133D	Char	1		33d Vitamin E
197	HI133E	Char	1		33e Other
198	HI133ES	Char	30		33e Specify other
199	HI134	Char	1		34 Is patient taking >100 IU/day vitamin
200	HI135A	Char	1		35a Alpha-lipoic acid
201	HI135B	Char	1		35b Beta-carotene
202	HI135C	Char	1		35c Betaine
203	HI135D	Char	1		35d Calcium
204	HI135E	Char	1		35e Carnitine
205	HI135F	Char	1		35f Chondroitin
206	HI135G	Char	1		35g Choline + methionine...+ pyridoxine
207	HI135H	Char	1		35h Cod liver oil
208	HI135I	Char	1		35i Coenzyme Q
209	HI135J	Char	1		35j Dichloroacetate
210	HI135K	Char	1		35k Echinacea
211	HI135L	Char	1		35l Fish oil
212	HI135M	Char	1		35m Flax seed oil
213	HI135N	Char	1		35n Garlic
214	HI135O	Char	1		35o Ginko biloba
215	HI135P	Char	1		35p Glucosamine
216	HI135Q	Char	1		35q Lecithin
217	HI135R	Char	1		35r Magnesium
218	HI135S	Char	1		35s Milk thistle
219	HI135T	Char	1		35t N-acetyl-cysteine
220	HI135U	Char	1		35u Potassium
221	HI135V	Char	1		35v Probiotics
222	HI135W	Char	1		35w S-adenylmethionine
223	HI135X	Char	1		35x Saw palmetto
224	HI135Y	Char	1		35y Selenium
225	HI135Z	Char	1		35z St John's Wort
226	HI135AA	Char	1		35aa Taurine
227	HI135AB	Char	1		35ab Zinc picolinate
228	HI135AC	Char	1		35ac Other
229	HI135ACS	Char	26		35ac Specify other
230	HI135AD	Char	1		35ad Other
231	HI135ADS	Char	30		35ad Specify other
232	HI135AE	Char	1		35ae None of the above

Num	Variable	Type	Len	Format	Label
233	HI136A	Char	1		36a Acetylsalicylic acid (ASA)
234	HI136B	Char	1		36b Aspirin - 325 mg
235	HI136C	Char	1		36c Demeclocycline
236	HI136D	Char	1		36d Divalproex
237	HI136E	Char	1		36e Doxycycline
238	HI136F	Char	1		36f Isotretinoin
239	HI136G	Char	1		36g Levonorgestrel
240	HI136H	Char	1		36h Levothyroxine
241	HI136I	Char	1		36i Liothyronine
242	HI136J	Char	1		36j Minocycline
243	HI136K	Char	1		36k Oral contraceptives
244	HI136L	Char	1		36l Oxytetracycline
245	HI136M	Char	1		36m Penicillamine
246	HI136N	Char	1		36n Tetracycline
247	HI136O	Char	1		36o Trientine hydrochloride
248	HI136P	Char	1		36p Ursodeoxycholic acid
249	HI136Q	Char	1		36q Valproate sodium
250	HI136R	Char	1		36r Valproic acid
251	HI136S	Char	1		36s Other
252	HI136SS	Char	29		36s Specify other
253	HI136T	Char	1		36t Other
254	HI136TS	Char	26		36t Specify other
255	HI136U	Char	1		36u Other
256	HI136US	Char	25		36u Specify other
257	HI136V	Char	1		36v Other
258	HI136VS	Char	32		36v Specify other
259	HI136W	Char	1		36w Other
260	HI136WS	Char	21		36w Specify other
261	HI136X	Char	1		36x None of the above

Data Set Name: ie1.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		
2	VISIT	Char	4		5 Visit ID code
3	DAYSFROM	Num	8	BEST12.	Form completed- Days from randomization
4	IE108A	Char	7		Most recent visit- Days from randomizati
5	IE108B	Char	4		8b Visit code most recent visit
6	IE109	Char	7		Randomization- Days from randomization
7	IE110	Char	1		10 Gender
8	IE111	Char	2		11 Age at time of event
9	IE112	Char	1		12 Metformin-series currently
10	IE113	Char	1		13 Vitamin E-series currently
11	IE115	Char	1		15 Event associated w/TONIC study drugs
12	IE116	Char	1		16 Event due to the metformin-series dru
13	IE117	Char	1		17 Event due to vitamin-E series drug
14	IE118	Char	7		Event start date- Days from randomizatio
15	IE119A	Char	1		19a Drug dispensing mixup
16	IE119B	Char	1		19b Medication related event
17	IE119C	Char	1		19c Study procedure related event
18	IE119D	Char	1		19d Drug interaction
19	IE119E	Char	1		19e Worsening of co-morbid illness
20	IE119F	Char	1		19f Sx of hepatotoxicity
21	IE119G	Char	1		19g Hypoglycemia
22	IE119H	Char	1		19h New-onset diabetes
23	IE119I	Char	1		19i Pregnancy
24	IE119J	Char	1		19j Intravenous contrast dye use
25	IE119K	Char	1		19k General anesthesia
26	IE119L	Char	1		19l Lactic acidosis
27	IE119M	Char	1		19m Other type of event
28	IE121	Char	1		21 No short name for AE
29	IE121S	Char	34		21 Short name for AE
30	IE121T	Char	19		21 Short name for AE
31	IE122	Char	1		22 Severity grade
32	IE123	Char	7		Event end date- Days from randomiation

Data Set Name: lp1.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		
2	VISIT	Char	4		5 Visit ID code
3	DAYSFROM	Num	8	BEST12.	Form completed- Days from randomization
4	LP108	Char	1		8 How was questionnaire completed
5	LP109A	Char	1		9a Patient
6	LP109B	Char	1		9b Patient's mother or female guardian
7	LP109C	Char	1		9c Patient's father or male guardian
8	LP109D	Char	1		9d Other
9	LP109DS	Char	1		9d Specify other
10	LP112A	Char	1		12a Pain over liver
11	LP112B	Char	1		12b Nausea
12	LP112C	Char	1		12c Poor appetite
13	LP112D	Char	1		12d Fatigue
14	LP112E	Char	1		12e Weight loss
15	LP112F	Char	1		12f Diarrhea
16	LP112G	Char	1		12g Muscle aches or cramps
17	LP112H	Char	1		12h Muscle weakness
18	LP112I	Char	1		12i Headaches
19	LP112J	Char	1		12j Easy bruising
20	LP112K	Char	1		12k Itching
21	LP112L	Char	1		12l Irritability
22	LP112M	Char	1		12m Depression/sadness
23	LP112N	Char	1		12n Trouble sleeping
24	LP112O	Char	1		12o Trouble concentrating
25	LP112P	Char	1		12p Jaundice
26	LP112Q	Char	1		12q Dark urine
27	LP112R	Char	1		12r Swelling of ankles
28	LP112S	Char	1		12s Swelling of abdomen
29	LP113	Char	1		13 Describe how tired you feel
30	LP114	Char	1		14 How often bothered by being tired
31	LP115	Char	1		15 Are you tired
32	LP116	Char	1		16 More tired the day after exercise or
33	LP117	Char	1		17 In general overall feeling in past mo

Data Set Name: lr1.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		
2	VISIT	Char	4		5 Visit ID code
3	DAYSFROM	Num	8	BEST12.	Form completed- Days from randomization
4	LR108	Char	1		8 s1 visit
5	LR109	Char	7		Blood draw for ALT- Days from randomizat
6	LR110	Char	3		10 Alanine aminotransferase (U/L)
7	LR110A	Char	3		10a ALT upper limit of normal (U/L)
8	LR110B	Char	3		10b ALT lower limit of normal (U/L)
9	LR111	Char	1		11 Hematology testing at this visit
10	LR112	Char	7		Blood draw for hematology- Days from ran
11	LR113	Num	8	BEST12.	13 Hemoglobin (g/dL)
12	LR114	Num	8	BEST12.	14 Hematocrit (%)
13	LR115	Num	8	BEST12.	15 White blood count (WBC)
14	LR116	Char	6		16 Platelet count (cells/uL)
15	LR117	Char	7		Blood draw for metabolic panel- Days fro
16	LR118	Char	3		18 Sodium (mEq/L)
17	LR119	Num	8	BEST12.	19 Potassium (mEq/L)
18	LR120	Char	3		20 Chloride (mEq/L)
19	LR121	Num	8	BEST12.	21 Bicarbonate (mEq/L)
20	LR122	Num	8	BEST12.	22 Calcium (md/dL)
21	LR123	Num	8	BEST12.	23 Phosphate (mg/dL)
22	LR124	Char	2		24 Blood urea nitrogen (BUN)(mg/dL)
23	LR125	Num	8	BEST12.	25 Creatinine (mg/dL)
24	LR126	Num	8	BEST12.	26 Uric acid (mg/dL)
25	LR127	Num	8	BEST12.	27 Albumin (g/dL)
26	LR128	Num	8	BEST12.	28 Total protein (g/dL)
27	LR129	Char	1		29 Fasting lipid profile required
28	LR130	Char	7		Blood draw for fasting lipid profile- Da
29	LR130A	Char	3		30a Triglycerides (mg/dL)
30	LR130B	Char	3		30b Total cholesterols (mg/dL)
31	LR130C	Char	3		30c HDL cholesterols (mg/dL)
32	LR130D	Char	3		30d LDL cholesterols (mg/dL)
33	LR131	Char	1		31 Fasting glucose required
34	LR132	Char	7		Blood draw for fasting glucose level- Da
35	LR133	Char	3		33 Serum glucose (mg/dL)
36	LR134	Char	1		34 Hepatic panel required
37	LR135	Char	7		Blood draw for hepatic panel- Days from

Num	Variable	Type	Len	Format	Label
38	LR136	Num	8	BEST12.	36 Bilirubin (total)(mg/dL)
39	LR137	Num	8	BEST12.	37 Bilirubin (conjugated or direct)(mg/d
40	LR138	Char	3		38 Aspartate aminotransferase (AST)(U/L)
41	LR138A	Char	3		38a AST upper limit of normal (U/L)
42	LR138B	Char	3		38b AST lower limit of normal (U/L)
43	LR139	Char	3		39 Alanine aminotransferase (U/L)
44	LR139A	Char	3		39a ALT upper limit of normal (U/L)
45	LR139B	Char	3		39b ALT lower limit of normal (U/L)
46	LR140	Char	3		40 Alkaline phosphatase (U/L)
47	LR140A	Char	3		40a Alkaline phosphatase ULN (U/L)
48	LR140B	Char	3		40b Alkaline phosphatase LLN (U/L)
49	LR141	Char	1		41 Vitamin B12 required
50	LR142	Char	7		Blood draw for vitamin B12- Days from ra
51	LR143	Num	8	BEST12.	43 Vitamin B12 (pg/mL)
52	LR144	Char	1		44 Prothrombin time,GGT,HbA1c required
53	LR145	Char	7		Blood draw for prothrombin time, GGT, an
54	LR146	Num	8	BEST12.	46 Prothrombin time (PT)(sec)
55	LR147	Num	8	BEST12.	47 International normalized ratio (INR)
56	LR148	Char	3		48 Gamma glutamyl transferase(GGT)(U/L)
57	LR149	Num	8	BEST12.	49 HbA1c(%)
58	LR150	Char	1		50 Oral glucose tolerance test (OGTT)
59	LR151	Char	7		Blood draw for oral glucose tolerance te
60	LR152A	Char	3		52a Serum glucose at baseline (mg/dL)
61	LR152B	Num	8	BEST12.	52b Serum insulin at baseline (uU/mL)
62	LR152C	Num	8	BEST12.	52c Serum C peptide at baseline (mg/mL)
63	LR153A	Char	3		53a Serum glucose at 2 hours (mg/dL)
64	LR153B	Num	8	BEST12.	53b Serum insulin at 2 hours (uU/mL)
65	LR154	Char	1		54 Free fatty acid, leptin, ... required
66	LR155	Char	7		Blood draw for free fatty acid, leptin,
67	LR156	Char	4		56 Free fatty acid (umol/L)
68	LR157	Num	8	BEST12.	57 Leptin (ng/mL)
69	LR158	Num	8	BEST12.	58 C-reactive protein level (mg/dL)
70	LR159	Char	1		59 Pregnancy test applicable?
71	LR160	Char	7		Urine collection for pregnancy test- Day
72	LR161	Char	1		61 Pregnancy test positive or negative
73	LR162	Char	1		62 Is this the s1 visit?
74	LR163	Char	1		63 Patient found to be ineligible?

Data Set Name: ls1.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		
2	VISIT	Char	2		5 Visit ID code
3	DAYSFROM	Num	8	BEST12.	Form completed- Days from randomization
4	LS108	Char	7		Blood draw for serological assays- Days
5	LS108A	Char	1		8a Hepatitis B surface antigen
6	LS108B	Char	1		8b Hepatitis B core total antibody
7	LS108C	Char	1		8c Hepatitis B surface antibody
8	LS108D	Char	1		8d Hepatitis C antibody
9	LS108E	Char	1		8e Hepatitis C virus RNA
10	LS109	Char	7		Blood draw for suroantibody tests- Days
11	LS110	Char	1		10 Antinuclear antibody (ANA)
12	LS110A	Char	4		10a If positive, ANA
13	LS111	Char	1		11 ANA titration > 1:80
14	LS112	Char	1		12 Antismooth antibody (ASMA)
15	LS112A	Char	4		12a If positive, ASMA
16	LS113	Char	1		13 Antimitochondrial antibody (AMA)
17	LS113A	Char	4		13a If positive, AMA
18	LS114	Char	1		14 AMA titration > 1:80
19	LS115	Char	7		Blood draw for ceruloplasmin- Days from
20	LS116	Num	8	BEST12.	16 Ceruloplasmin (mg/dL)
21	LS116A	Num	8	BEST12.	16a Ceruloplasmin LLN (mg/dL)
22	LS116B	Char	1		16b Ceruloplasmin < LLN
23	LS117	Char	7		Blood draw for A1At- Days from randomiza
24	LS118	Char	3		18 Alpha-1 antitrypsin concentration (mg
25	LS118A	Char	3		18a AIAT LLN (mg/dL)
26	LS118B	Char	1		18b AIAT deficiency (physician judgment)
27	LS119	Char	7		Blood draw for hemochromatosis- Days fro
28	LS119A	Char	3		19a Iron (ug/dL)
29	LS119B	Char	3		19b Total iron binding capacity (ug/dL)
30	LS119C	Char	4		19c Ferritin (ng/ml)
31	LS120	Char	1		20 Hepatic iron index available
32	LS121	Num	8	BEST12.	21 Hepatic iron index (umol/g/year)

Data Set Name: lu1.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		
2	VISIT	Char	2		5 Visit ID code
3	DAYSFROM	Num	8	BEST12.	Form completed- Days from randomization
4	LU108	Char	7		Blood draw for hepatic panel- Days from
5	LU109	Num	8	BEST12.	9 Bilirubin (total)(mg/dL)
6	LU110	Num	8	BEST12.	10 Bilirubin (conjugated or direct)(mg/d
7	LU111	Char	3		11 Aspartate aminotransferase (U/L)
8	LU111A	Char	3		11a AST upper limit of normal (U/L)
9	LU111B	Char	3		11b AST lower limit of normal (U/L)
10	LU112	Char	3		12 Alanine aminotransferase (U/L)
11	LU112A	Char	3		12a ALT upper limit of normal (U/L)
12	LU112B	Char	3		12b ALT lower limit of normal (U/L)
13	LU113	Char	3		13 Alkaline phosphatase (U/L)
14	LU113A	Char	3		13a Alkaline phosphatase ULN (U/L)
15	LU113B	Char	3		13b Alkaline phosphatase LLN (U/L)
16	LU114	Char	7		Blood draw for vitamin B12, free fatty a
17	LU115	Num	8	BEST12.	15 Vitamin B12 (pg/mL)
18	LU116	Char	4		16 Free fatty acid (umol/L)
19	LU117	Num	8	BEST12.	17 Leptin (ng/mL)
20	LU118	Num	8	BEST12.	18 C-reactive protein level (mg/dL)
21	LU119	Char	7		Blood draw for prothrombin time, GGT, an
22	LU120	Num	8	BEST12.	20 Prothrombin time (sec)
23	LU121	Num	8	BEST12.	21 International normalized ratio (INR)
24	LU122	Char	3		22 GGT (U/L)
25	LU123	Num	8	BEST12.	23 HbA1c (%)
26	LU124	Char	7		Blood draw for oral glucose tolerance te
27	LU125A	Char	3		25a Serum glucose at baseline
28	LU125B	Num	8	BEST12.	25b Serum insulin at baseline
29	LU125C	Num	8	BEST12.	25c Serum C peptide at baseline
30	LU126A	Char	3		26a Serum glucose at 2 hours
31	LU126B	Num	8	BEST12.	26b Serum insulin at 2 hours
32	LU127	Char	1		27 Pregnancy test applicable
33	LU128	Char	7		Urine collection - Days from randomizati
34	LU129	Char	1		29 Pregnancy test positive or negative
35	LU130	Char	1		30 Patient found to be ineligible?

Data Set Name: ma1.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		
2	VISIT	Char	4		5 Visit ID code
3	DAYSFROM	Num	8	BEST12.	Form completed- Days from randomization
4	MA108	Char	1		8 How was questionnaire completed
5	MA109A	Char	1		9a Patient responded
6	MA109B	Char	1		9b Patient mother/female guardian respon
7	MA109C	Char	1		9c Patient father/male guardian responde
8	MA109D	Char	1		9d Other respondent
9	MA109DS	Char	11		9d Specify other respondent
10	MA112	Char	1		12 How many times in past 14 days done h
11	MA113	Char	1		13 How many times in past 14 days done l
12	MA114	Char	1		14 How much time spent watching TV/playi
13	MA115	Char	1		15 How many competitive sports/activitie
14	MA115S	Char	35		15 What activities
15	MA115T	Char	26		15 What activities
16	MA115U	Char	18		15 What activities
17	MA11601	Char	1		16 Aerobics (y=1)
18	MA11602	Char	1		16 Band/Drill Team (y=1)
19	MA11603	Char	1		16 Baseball (y=1)
20	MA11604	Char	1		16 Basketball (y=1)
21	MA11605	Char	1		16 Bicycling (y=1)
22	MA11606	Char	1		16 Bowling (y=1)
23	MA11607	Char	1		16 Cheerleading (y=1)
24	MA11608	Char	1		16 Dance class (y=1)
25	MA11609	Char	1		16 Football (y=1)
26	MA11610	Char	1		16 Garden/yard work (y=1)
27	MA11611	Char	1		16 Gymnastics (y=1)
28	MA11612	Char	1		16 Hiking (y=1)
29	MA11613	Char	1		16 Ice skating (y=1)
30	MA11614	Char	1		16 Roller skating (y=1)
31	MA11615	Char	1		16 Running (y=1)
32	MA11616	Char	1		16 Skateboarding (y=1)
33	MA11617	Char	1		16 Snow skiing (y=1)
34	MA11618	Char	1		16 Soccer (y=1)
35	MA11619	Char	1		16 Softball (y=1)
36	MA11620	Char	1		16 Street hockey (y=1)
37	MA11621	Char	1		16 Swimming (y=1)

Num	Variable	Type	Len	Format	Label
38	MA11622	Char	1		16 Tennis (y=1)
39	MA11623	Char	1		16 Volleyball (y=1)
40	MA11624	Char	1		16 Water skiing (y=1)
41	MA11625	Char	1		16 Weight Training (y=1)
42	MA11626	Char	1		16 Wrestling (y=1)
43	MA11627	Char	1		16 Other (y=1)
44	MA11627S	Char	35		16 Specify
45	MA11627T	Char	31		16 Specify
46	MA11627U	Char	1		16 Specify
47	MA116A01	Char	2		16 Table 1st row: Activity code
48	MA116A02	Char	20		16 Table 1st row: Activity
49	MA116A03	Char	1		16 Table 1st row: January (y=1)
50	MA116A04	Char	1		16 Table 1st row: February (y=1)
51	MA116A05	Char	1		16 Table 1st row: March (y=1)
52	MA116A06	Char	1		16 Table 1st row: April (y=1)
53	MA116A07	Char	1		16 Table 1st row: May (y=1)
54	MA116A08	Char	1		16 Table 1st row: June (y=1)
55	MA116A09	Char	1		16 Table 1st row: July (y=1)
56	MA116A10	Char	1		16 Table 1st row: August (y=1)
57	MA116A11	Char	1		16 Table 1st row: September (y=1)
58	MA116A12	Char	1		16 Table 1st row: October (y=1)
59	MA116A13	Char	1		16 Table 1st row: November (y=1)
60	MA116A14	Char	1		16 Table 1st row: December (y=1)
61	MA116A15	Char	2		16 Table 1st row: Months/year
62	MA116A16	Char	1		16 Table 1st row: Days/week
63	MA116A17	Char	3		16 Table 1st row: Minutes/day
64	MA116B01	Char	2		16 Table 2nd row: Activity code
65	MA116B02	Char	20		16 Table 2nd row: Activity
66	MA116B03	Char	1		16 Table 2nd row: January (y=1)
67	MA116B04	Char	1		16 Table 2nd row: February (y=1)
68	MA116B05	Char	1		16 Table 2nd row: March (y=1)
69	MA116B06	Char	1		16 Table 2nd row: April (y=1)
70	MA116B07	Char	1		16 Table 2nd row: May (y=1)
71	MA116B08	Char	1		16 Table 2nd row: June (y=1)
72	MA116B09	Char	1		16 Table 2nd row: July (y=1)
73	MA116B10	Char	1		16 Table 2nd row: August (y=1)
74	MA116B11	Char	1		16 Table 2nd row: September (y=1)
75	MA116B12	Char	1		16 Table 2nd row: October (y=1)
76	MA116B13	Char	1		16 Table 2nd row: November (y=1)

Num	Variable	Type	Len	Format	Label
77	MA116B14	Char	1		16 Table 2nd row: December (y=1)
78	MA116B15	Char	2		16 Table 2nd row: Months/year
79	MA116B16	Char	1		16 Table 2nd row: Days/week
80	MA116B17	Char	3		16 Table 2nd row: Minutes/day
81	MA116C01	Char	2		16 Table 3rd row: Activity code
82	MA116C02	Char	20		16 Table 3rd row: Activity
83	MA116C03	Char	1		16 Table 3rd row: January (y=1)
84	MA116C04	Char	1		16 Table 3rd row: February (y=1)
85	MA116C05	Char	1		16 Table 3rd row: March (y=1)
86	MA116C06	Char	1		16 Table 3rd row: April (y=1)
87	MA116C07	Char	1		16 Table 3rd row: May (y=1)
88	MA116C08	Char	1		16 Table 3rd row: June (y=1)
89	MA116C09	Char	1		16 Table 3rd row: July (y=1)
90	MA116C10	Char	1		16 Table 3rd row: August (y=1)
91	MA116C11	Char	1		16 Table 3rd row: September (y=1)
92	MA116C12	Char	1		16 Table 3rd row: October (y=1)
93	MA116C13	Char	1		16 Table 3rd row: November (y=1)
94	MA116C14	Char	1		16 Table 3rd row: December (y=1)
95	MA116C15	Char	2		16 Table 3rd row: Months/year
96	MA116C16	Char	1		16 Table 3rd row: Days/week
97	MA116C17	Char	3		16 Table 3rd row: Minutes/day
98	MA116D01	Char	2		16 Table 4th row: Activity code
99	MA116D02	Char	20		16 Table 4th row: Activity
100	MA116D03	Char	1		16 Table 4th row: January (y=1)
101	MA116D04	Char	1		16 Table 4th row: February (y=1)
102	MA116D05	Char	1		16 Table 4th row: March (y=1)
103	MA116D06	Char	1		16 Table 4th row: April (y=1)
104	MA116D07	Char	1		16 Table 4th row: May (y=1)
105	MA116D08	Char	1		16 Table 4th row: June (y=1)
106	MA116D09	Char	1		16 Table 4th row: July (y=1)
107	MA116D10	Char	1		16 Table 4th row: August (y=1)
108	MA116D11	Char	1		16 Table 4th row: September (y=1)
109	MA116D12	Char	1		16 Table 4th row: October (y=1)
110	MA116D13	Char	1		16 Table 4th row: November (y=1)
111	MA116D14	Char	1		16 Table 4th row: December (y=1)
112	MA116D15	Char	2		16 Table 4th row: Months/year
113	MA116D16	Char	1		16 Table 4th row: Days/week
114	MA116D17	Char	3		16 Table 4th row: Minutes/day
115	MA116E01	Char	2		16 Table 5th row: Activity code

Num	Variable	Type	Len	Format	Label
116	MA116E02	Char	20		16 Table 5th row: Activity
117	MA116E03	Char	1		16 Table 5th row: January (y=1)
118	MA116E04	Char	1		16 Table 5th row: February (y=1)
119	MA116E05	Char	1		16 Table 5th row: March (y=1)
120	MA116E06	Char	1		16 Table 5th row: April (y=1)
121	MA116E07	Char	1		16 Table 5th row: May (y=1)
122	MA116E08	Char	1		16 Table 5th row: June (y=1)
123	MA116E09	Char	1		16 Table 5th row: July (y=1)
124	MA116E10	Char	1		16 Table 5th row: August (y=1)
125	MA116E11	Char	1		16 Table 5th row: September (y=1)
126	MA116E12	Char	1		16 Table 5th row: October (y=1)
127	MA116E13	Char	1		16 Table 5th row: November (y=1)
128	MA116E14	Char	1		16 Table 5th row: December (y=1)
129	MA116E15	Char	2		16 Table 5th row: Months/year
130	MA116E16	Char	1		16 Table 5th row: Days/week
131	MA116E17	Char	3		16 Table 5th row: Minutes/day
132	MA116F01	Char	2		16 Table 6th row: Activity code
133	MA116F02	Char	20		16 Table 6th row: Activity
134	MA116F03	Char	1		16 Table 6th row: January (y=1)
135	MA116F04	Char	1		16 Table 6th row: February (y=1)
136	MA116F05	Char	1		16 Table 6th row: March (y=1)
137	MA116F06	Char	1		16 Table 6th row: April (y=1)
138	MA116F07	Char	1		16 Table 6th row: May (y=1)
139	MA116F08	Char	1		16 Table 6th row: June (y=1)
140	MA116F09	Char	1		16 Table 6th row: July (y=1)
141	MA116F10	Char	1		16 Table 6th row: August (y=1)
142	MA116F11	Char	1		16 Table 6th row: September (y=1)
143	MA116F12	Char	1		16 Table 6th row: October (y=1)
144	MA116F13	Char	1		16 Table 6th row: November (y=1)
145	MA116F14	Char	1		16 Table 6th row: December (y=1)
146	MA116F15	Char	2		16 Table 6th row: Months/year
147	MA116F16	Char	1		16 Table 6th row: Days/week
148	MA116F17	Char	3		16 Table 6th row: Minutes/day
149	MA116G01	Char	2		16 Table 7th row: Activity code
150	MA116G02	Char	20		16 Table 7th row: Activity
151	MA116G03	Char	1		16 Table 7th row: January (y=1)
152	MA116G04	Char	1		16 Table 7th row: February (y=1)
153	MA116G05	Char	1		16 Table 7th row: March (y=1)
154	MA116G06	Char	1		16 Table 7th row: April (y=1)

Num	Variable	Type	Len	Format	Label
155	MA116G07	Char	1		16 Table 7th row: May (y=1)
156	MA116G08	Char	1		16 Table 7th row: June (y=1)
157	MA116G09	Char	1		16 Table 7th row: July (y=1)
158	MA116G10	Char	1		16 Table 7th row: August (y=1)
159	MA116G11	Char	1		16 Table 7th row: September (y=1)
160	MA116G12	Char	1		16 Table 7th row: October (y=1)
161	MA116G13	Char	1		16 Table 7th row: November (y=1)
162	MA116G14	Char	1		16 Table 7th row: December (y=1)
163	MA116G15	Char	2		16 Table 7th row: Months/year
164	MA116G16	Char	1		16 Table 7th row: Days/week
165	MA116G17	Char	3		16 Table 7th row: Minutes/day
166	MA116H01	Char	2		16 Table 8th row: Activity code
167	MA116H02	Char	20		16 Table 8th row: Activity
168	MA116H03	Char	1		16 Table 8th row: January (y=1)
169	MA116H04	Char	1		16 Table 8th row: February (y=1)
170	MA116H05	Char	1		16 Table 8th row: March (y=1)
171	MA116H06	Char	1		16 Table 8th row: April (y=1)
172	MA116H07	Char	1		16 Table 8th row: May (y=1)
173	MA116H08	Char	1		16 Table 8th row: June (y=1)
174	MA116H09	Char	1		16 Table 8th row: July (y=1)
175	MA116H10	Char	1		16 Table 8th row: August (y=1)
176	MA116H11	Char	1		16 Table 8th row: September (y=1)
177	MA116H12	Char	1		16 Table 8th row: October (y=1)
178	MA116H13	Char	1		16 Table 8th row: November (y=1)
179	MA116H14	Char	1		16 Table 8th row: December (y=1)
180	MA116H15	Char	2		16 Table 8th row: Months/year
181	MA116H16	Char	1		16 Table 8th row: Days/week
182	MA116H17	Char	3		16 Table 8th row: Minutes/day
183	MA116I01	Char	2		16 Table 9th row: Activity code
184	MA116I02	Char	20		16 Table 9th row: Activity
185	MA116I03	Char	1		16 Table 9th row: January (y=1)
186	MA116I04	Char	1		16 Table 9th row: February (y=1)
187	MA116I05	Char	1		16 Table 9th row: March (y=1)
188	MA116I06	Char	1		16 Table 9th row: April (y=1)
189	MA116I07	Char	1		16 Table 9th row: May (y=1)
190	MA116I08	Char	1		16 Table 9th row: June (y=1)
191	MA116I09	Char	1		16 Table 9th row: July (y=1)
192	MA116I10	Char	1		16 Table 9th row: August (y=1)
193	MA116I11	Char	1		16 Table 9th row: September (y=1)

Num	Variable	Type	Len	Format	Label
194	MA116I12	Char	1		16 Table 9th row: October (y=1)
195	MA116I13	Char	1		16 Table 9th row: November (y=1)
196	MA116I14	Char	1		16 Table 9th row: December (y=1)
197	MA116I15	Char	2		16 Table 9th row: Months/year
198	MA116I16	Char	1		16 Table 9th row: Days/week
199	MA116I17	Char	3		16 Table 9th row: Minutes/day
200	MA116J01	Char	2		16 Table 10th row: Activity code
201	MA116J02	Char	10		16 Table 10th row: Activity
202	MA116J03	Char	1		16 Table 10th row: January (y=1)
203	MA116J04	Char	1		16 Table 10th row: February (y=1)
204	MA116J05	Char	1		16 Table 10th row: March (y=1)
205	MA116J06	Char	1		16 Table 10th row: April (y=1)
206	MA116J07	Char	1		16 Table 10th row: May (y=1)
207	MA116J08	Char	1		16 Table 10th row: June (y=1)
208	MA116J09	Char	1		16 Table 10th row: July (y=1)
209	MA116J10	Char	1		16 Table 10th row: August (y=1)
210	MA116J11	Char	1		16 Table 10th row: September (y=1)
211	MA116J12	Char	1		16 Table 10th row: October (y=1)
212	MA116J13	Char	1		16 Table 10th row: November (y=1)
213	MA116J14	Char	1		16 Table 10th row: December (y=1)
214	MA116J15	Char	2		16 Table 10th row: Months/year
215	MA116J16	Char	1		16 Table 10th row: Days/week
216	MA116J17	Char	3		16 Table 10th row: Minutes/day
217	MA116K01	Char	2		16 Table 11th row: Activity code
218	MA116K02	Char	15		16 Table 11th row: Activity
219	MA116K03	Char	1		16 Table 11th row: January (y=1)
220	MA116K04	Char	1		16 Table 11th row: February (y=1)
221	MA116K05	Char	1		16 Table 11th row: March (y=1)
222	MA116K06	Char	1		16 Table 11th row: April (y=1)
223	MA116K07	Char	1		16 Table 11th row: May (y=1)
224	MA116K08	Char	1		16 Table 11th row: June (y=1)
225	MA116K09	Char	1		16 Table 11th row: July (y=1)
226	MA116K10	Char	1		16 Table 11th row: August (y=1)
227	MA116K11	Char	1		16 Table 11th row: September (y=1)
228	MA116K12	Char	1		16 Table 11th row: October (y=1)
229	MA116K13	Char	1		16 Table 11th row: November (y=1)
230	MA116K14	Char	1		16 Table 11th row: December (y=1)
231	MA116K15	Char	2		16 Table 11th row: Months/year
232	MA116K16	Char	1		16 Table 11th row: Days/week

Num	Variable	Type	Len	Format	Label
233	MA116K17	Char	3		16 Table 11th row: Minutes/day
234	MA116L01	Char	2		16 Table 12th row: Activity code
235	MA116L02	Char	11		16 Table 12th row: Activity
236	MA116L03	Char	1		16 Table 12th row: January (y=1)
237	MA116L04	Char	1		16 Table 12th row: February (y=1)
238	MA116L05	Char	1		16 Table 12th row: March (y=1)
239	MA116L06	Char	1		16 Table 12th row: April (y=1)
240	MA116L07	Char	1		16 Table 12th row: May (y=1)
241	MA116L08	Char	1		16 Table 12th row: June (y=1)
242	MA116L09	Char	1		16 Table 12th row: July (y=1)
243	MA116L10	Char	1		16 Table 12th row: August (y=1)
244	MA116L11	Char	1		16 Table 12th row: September (y=1)
245	MA116L12	Char	1		16 Table 12th row: October (y=1)
246	MA116L13	Char	1		16 Table 12th row: November (y=1)
247	MA116L14	Char	1		16 Table 12th row: December (y=1)
248	MA116L15	Char	2		16 Table 12th row: Months/year
249	MA116L16	Char	1		16 Table 12th row: Days/week
250	MA116L17	Char	3		16 Table 12th row: Minutes/day

Data Set Name: mr1.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		
2	VISIT	Char	4		5 Visit ID code
3	DAYSFROM	Num	8	BEST12.	Form completed- Days from randomization
4	MR108	Char	7		MRI- Days from randomization
5	MR109A	Char	1		9a Fatty infiltration
6	MR109B	Char	1		9b Cirrhosis
7	MR109C	Char	1		9c Hepatomegaly
8	MR109D	Char	1		9d Hepatic mass
9	MR109E	Char	1		9e Hepatic hemangioma
10	MR109F	Char	1		9f Hepatic cyst
11	MR109G	Char	1		9g Intrahepatic biliary dilatation
12	MR109H	Char	1		9h Extrahepatic biliary dilatation
13	MR109I	Char	1		9i Splenomegaly
14	MR109J	Char	1		9j Ascites
15	MR109K	Char	1		9k Other features of portal hypertension
16	MR109KS	Char	1		9k Specify features of portal hypertensi
17	MR109KT	Char	1		9k Specify features of portal hypertensi
18	MR109L	Char	1		9l Other abnormality
19	MR109LS	Char	33		9l Specify other abnormality
20	MR109LT	Char	10		9l Specify other abnormality
21	MR109M	Char	1		9m None of the above

Data Set Name: pe1.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		
2	VISIT	Char	4		5 Visit ID code
3	DAYSFROM	Num	8	BEST12.	Form completed- Days from randomization
4	PE108A	Num	8	BEST12.	8a Height (1st measurement)
5	PE108B	Num	8	BEST12.	8b Height (2nd measurement)
6	PE108C	Char	1		8c Units of height measurement
7	PE109A	Num	8	BEST12.	9a Weight (1st measurement)
8	PE109B	Num	8	BEST12.	9b Weight (2nd measurement)
9	PE109C	Char	1		9c Units of weight measurement
10	PE110A	Num	8	BEST12.	10a Waist circumference (1st measurement)
11	PE110B	Num	8	BEST12.	10b Waist circumference (2nd measurement)
12	PE110C	Char	1		10c Units for waist measurement
13	PE111A	Num	8	BEST12.	11a Hip circumference (1st measurement)
14	PE111B	Num	8	BEST12.	11b Hip circumference (2nd measurement)
15	PE111C	Char	1		11c Units for hip measurement
16	PE112A	Num	8	BEST12.	12a Triceps skin fold (mm) (1st measurem
17	PE112B	Num	8	BEST12.	12b Triceps skin fold (mm) (2nd measurem
18	PE112C	Num	8	BEST12.	12c Mid-upper arm (1st measurement)
19	PE112D	Num	8	BEST12.	12d Mid-upper arm (2nd measurement)
20	PE112E	Char	1		12e Units for arm measurement
21	PE113A	Num	8	BEST12.	13a Temperature (degrees)
22	PE113B	Char	1		13b Scale for temperature
23	PE114A	Char	3		14a Systolic BP (mmHg)
24	PE114B	Char	3		14b Diastolic BP (mmHg)
25	PE115	Char	3		15 Resting radial pulse (beats/min)
26	PE116	Char	2		16 Respiratory rate (breaths/min)
27	PE117	Char	1		17 Skin
28	PE118	Char	1		18 Acanthosis nigricans
29	PE119A	Char	1		19a Jaundice
30	PE119B	Char	1		19b Palmar erythema
31	PE119C	Char	1		19c Spider angiomata
32	PE119D	Char	1		19d Other skin abnormality
33	PE119DS	Char	33		19d Specify skin abnormality
34	PE119E	Char	1		19e None of the above
35	PE120	Char	1		20 Head, eyes, ears, nose, throat
36	PE121A	Char	1		21a Jaundice
37	PE121B	Char	1		21b Other head, eyes, ears... abnormalit

Num	Variable	Type	Len	Format	Label
38	PE121BS	Char	35		21b Specify head, eyes... abnormality
39	PE122	Char	1		22 Neck
40	PE122S	Char	29		22 Specify neck abnormality
41	PE123	Char	1		23 Lymphatic
42	PE123S	Char	26		23 Specify lymphatic abnormality
43	PE124	Char	1		24 Chest and lungs
44	PE124S	Char	32		24 Specify chest/lungs abnormality
45	PE125	Char	1		25 Heart
46	PE125S	Char	1		25 Specify heart abnormality
47	PE126	Char	1		26 Abdomen
48	PE127A	Char	1		27a Ascites
49	PE127B	Char	1		27b Obese
50	PE127C	Char	1		27c Other abdomen abnormality
51	PE127CS	Char	30		27c Specify abdomen abnormality
52	PE128	Char	1		28 Liver and spleen
53	PE129A	Char	1		29a Hepatomegaly
54	PE129AS	Num	8	BEST12.	29a Span from rt midclavicular line
55	PE129B	Char	1		29b Splenomegaly
56	PE129C	Char	1		29c Other liver/spleen abnormality
57	PE129CS	Char	33		29c Specify other liver/spleen abnormali
58	PE130	Char	1		30 Extremities
59	PE131A	Char	1		31a Contractures
60	PE131B	Char	1		31b Muscle wasting
61	PE131C	Char	1		31c Palmar erythema
62	PE131D	Char	1		31d Pedal edema
63	PE131E	Char	1		31e Other abnormality of extremities
64	PE131ES	Char	35		31e Specify extremities abnormality
65	PE132	Char	1		32 Genitourinary/pelvis
66	PE132S	Char	13		32 Specify genitourinary abnormality
67	PE133	Char	1		33 Nervous system
68	PE134A	Char	1		34a Mental status abnormal
69	PE134B	Char	1		34b Asterixis
70	PE134C	Char	1		34c Other nervous system abnormality
71	PE134CS	Char	35		34c Specify nervous system abnormality
72	PE135	Char	1		35 Tanner staging required
73	PE136	Char	1		36 Female
74	PE137	Char	1		37 Male genital stage
75	PE138	Char	2		38 Male testicular volume (cc)
76	PE139	Char	1		39 Male pubic hair stage

Num	Variable	Type	Len	Format	Label
77	PE140	Char	1		40 Female breast stage
78	PE141	Char	1		41 Female pubic hair stage
79	PE142	Char	1		42 Menarche occurred
80	PE143	Char	2		43 Age at menarche
81	PE144	Char	1		44 Patient able to swallow placebo

Data Set Name: pf1.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		
2	VISIT	Char	4		5 Visit ID code
3	DAYSFROM	Num	8	BEST12.	Form completed- Days from randomization
4	PF108A	Num	8	BEST12.	8a Height (1st measurement)
5	PF108B	Num	8	BEST12.	8b Height (2nd measurement)
6	PF108C	Char	1		8c Units of height measurement
7	PF109A	Num	8	BEST12.	9a Weight (1st measurement)
8	PF109B	Num	8	BEST12.	9b Weight (2nd measurement)
9	PF109C	Char	1		9c Units of weight measurement
10	PF110A	Num	8	BEST12.	10a Waist circumference (1st measurement)
11	PF110B	Num	8	BEST12.	10b Waist circumference (2nd measurement)
12	PF110C	Char	1		10c Units for waist measurement
13	PF111A	Num	8	BEST12.	11a Hip circumference (1st measurement)
14	PF111B	Num	8	BEST12.	11b Hip circumference (2nd measurement)
15	PF111C	Char	1		11c Units for hip measurement
16	PF112A	Num	8	BEST12.	12a Temperature (degrees)
17	PF112B	Char	1		12b Scale for temperature
18	PF113A	Char	3		13a Systolic BP (mmHg)
19	PF113B	Char	3		13b Diastolic BP (mmHg)
20	PF114	Char	3		14 Resting radial pulse (beats/min)
21	PF115	Char	2		15 Respiratory rate (breaths/min)
22	PF116	Char	1		16 Liver and spleen
23	PF117A	Char	1		17a Ascites
24	PF117B	Char	1		17b Asterixis
25	PF117C	Char	1		17c Contractures
26	PF117D	Char	1		17d Hepatomegaly
27	PF117DS	Num	8	BEST12.	17d Span from rt midclavicular line
28	PF117E	Char	1		17e Juandice
29	PF117F	Char	1		17f Muscle wasting
30	PF117G	Char	1		17g Palmar erythema
31	PF117H	Char	1		17h Pedal edema
32	PF117I	Char	1		17i Spider angiomata
33	PF117J	Char	1		17j Splenomegaly
34	PF117K	Char	1		17k Other
35	PF117KS	Char	31		17k Specify other

Data Set Name: pq1.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		
2	VISIT	Char	4		5 Visit ID code
3	DAYSFROM	Num	8	BEST12.	Form completed- Days from randomization
4	PQ108	Char	1		8 How completed
5	PQ111	Char	1		11 Walking more than one block
6	PQ112	Char	1		12 Running
7	PQ113	Char	1		13 Participating in sports activity or e
8	PQ114	Char	1		14 Lifting something heavy
9	PQ115	Char	1		15 Taking bath or shower by him or herse
10	PQ116	Char	1		16 Doing chores
11	PQ117	Char	1		17 Having hurts or aches
12	PQ118	Char	1		18 Low energy level
13	PQ119	Char	1		19 Feeling afraid or scared
14	PQ120	Char	1		20 Feeling sad or blue
15	PQ121	Char	1		21 Feeling angry
16	PQ122	Char	1		22 Trouble sleeping
17	PQ123	Char	1		23 Worrying about what will happen to hi
18	PQ124	Char	1		24 Getting along with other teens
19	PQ125	Char	1		25 Other teens not wanting to be his or
20	PQ126	Char	1		26 Getting teased by other teens
21	PQ127	Char	1		27 Not able to do things other teens can
22	PQ128	Char	1		28 Keeping up with other teens
23	PQ129	Char	1		29 Paying attention in class
24	PQ130	Char	1		30 Forgetting things
25	PQ131	Char	1		31 Keeping up with schoolwork
26	PQ132	Char	1		32 Missing school because of not feeling
27	PQ133	Char	1		33 Missing school to go to doctor or hos

Data Set Name: pr1.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		
2	VISIT	Char	4		5 Visit ID code
3	DAYSFROM	Num	8	BEST12.	Form completed- Days from randomization
4	PR108	Char	1		8 How completed
5	PR111	Char	1		11 Walking more than one block
6	PR112	Char	1		12 Running
7	PR113	Char	1		13 Participating in sports activity or e
8	PR114	Char	1		14 Lifting something heavy
9	PR115	Char	1		15 Taking bath or shower by him or herse
10	PR116	Char	1		16 Doing chores
11	PR117	Char	1		17 Having hurts or aches
12	PR118	Char	1		18 Low energy level
13	PR119	Char	1		19 Feeling afraid or scared
14	PR120	Char	1		20 Feeling sad or blue
15	PR121	Char	1		21 Feeling angry
16	PR122	Char	1		22 Trouble sleeping
17	PR123	Char	1		23 Worrying about what will happen to hi
18	PR124	Char	1		24 Getting along with other children
19	PR125	Char	1		25 Other kids not wanting to be his or h
20	PR126	Char	1		26 Getting teased by other children
21	PR127	Char	1		27 Not able to do things other children
22	PR128	Char	1		28 Keeping up when playing with other ch
23	PR129	Char	1		29 Paying attention in class
24	PR130	Char	1		30 Forgetting things
25	PR131	Char	1		31 Keeping up with schoolwork
26	PR132	Char	1		32 Missing school because of not feeling
27	PR133	Char	1		33 Missing school to go to doctor or hos

Data Set Name: pw1.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		
2	VISIT	Char	4		5 Visit ID code
3	DAYSFROM	Num	8	BEST12.	Form completed- Days from randomization
4	PW108	Char	1		8 How was questionnaire completed?
5	PW111	Char	1		11 Hard to walk more than one block
6	PW112	Char	1		12 Hard to run
7	PW113	Char	1		13 Hard to do sports or exercise
8	PW114	Char	1		14 Hard to lift something heavy
9	PW115	Char	1		15 Hard to bathe/shower by myself
10	PW116	Char	1		16 Hard to do chores around house
11	PW117	Char	1		17 Hurt or ache
12	PW118	Char	1		18 Low energy
13	PW119	Char	1		19 Feel afraid or scared
14	PW120	Char	1		20 Feel sad
15	PW121	Char	1		21 Feel angry
16	PW122	Char	1		22 Trouble sleeping
17	PW123	Char	1		23 Worry what will happen to me
18	PW124	Char	1		24 Trouble getting along with other kids
19	PW125	Char	1		25 Other kids don't want to be my friend
20	PW126	Char	1		26 Other kids tease me
21	PW127	Char	1		27 Can't do things other kids can do
22	PW128	Char	1		28 Hard to keep up when playing with kid
23	PW129	Char	1		29 Hard to pay attention in class
24	PW130	Char	1		30 Forget things
25	PW131	Char	1		31 Trouble keeping up with school work
26	PW132	Char	1		32 Miss school because not feeling well
27	PW133	Char	1		33 Miss school to go to doctor/hospital

Data Set Name: py1.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		
2	VISIT	Char	4		5 Visit ID code
3	DAYSFROM	Num	8	BEST12.	Form completed- Days from randomization
4	PY108	Char	1		8 How completed
5	PY111	Char	1		11 Hard to walk more than one block
6	PY112	Char	1		12 Hard for me to run
7	PY113	Char	1		13 Hard to do sports activity orexercise
8	PY114	Char	1		14 Hard to lift something heavy
9	PY115	Char	1		15 Hard to take bath or shower by myself
10	PY116	Char	1		16 Hard to do chores around house
11	PY117	Char	1		17 I hurt or ache
12	PY118	Char	1		18 I have low energy
13	PY119	Char	1		19 I feel afraid or scared
14	PY120	Char	1		20 I feel sad or blue
15	PY121	Char	1		21 I feel angry
16	PY122	Char	1		22 I have trouble sleeping
17	PY123	Char	1		23 Worry about what will happen to me
18	PY124	Char	1		24 Trouble getting along with other teen
19	PY125	Char	1		25 Other teens do not want to be my frie
20	PY126	Char	1		26 Other teens tease me
21	PY127	Char	1		27 Cannot do things other teens can do
22	PY128	Char	1		28 Hard to keep up with my peers
23	PY129	Char	1		29 Hard to pay attention in class
24	PY130	Char	1		30 I forget things
25	PY131	Char	1		31 Trouble keeping up with schoolwork
26	PY132	Char	1		32 Miss school because of not feeling we
27	PY133	Char	1		33 Miss school to go to doctor or hospit

Data Set Name: rd1.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		
2	VISIT	Char	4		5 Visit ID code
3	DAYSFROM	Num	8	BEST12.	Form completed- Days from randomization
4	RD108	Char	1		8 2nd form for returning extra bottles
5	RD109	Char	1		9 Study drug dispensed today
6	RD110A	Char	1		10a Not a drug dispensing visit
7	RD110B	Char	1		10b Study drug interruption/termination
8	RD110C	Char	1		10c Participant unwilling to take study
9	RD110D	Char	1		10d Other reason for not dispensing drug
10	RD110DS	Char	35		10d Specify other reason for not dispens
11	RD111	Char	6		11 TM series bottle number
12	RD112	Char	6		12 TM series bottle number
13	RD113	Char	6		13 TE series bottle number
14	RD114	Char	6		14 TE series bottle number
15	RD115	Char	1		15 How study drug dispensed
16	RD115S	Char	32		15 Specify how study drug dispensed
17	RD116	Char	1		16 TM series bottles returned at this vi
18	RD117	Char	1		17 Number of TM series bottles returned
19	RD118A	Char	4		18a TM series bottle number
20	RD118B	Char	3		18b Number of pills returned
21	RD119A	Char	4		19a TM series bottle number
22	RD119B	Char	3		19b Number of pills returned
23	RD120A	Char	4		20a TM series bottle number
24	RD120B	Char	3		20b Number of pills returned
25	RD121A	Char	4		21a TM series bottle number
26	RD121B	Char	3		21b Number of pills returned
27	RD122	Char	1		22 TE series bottles returned at this vi
28	RD123	Char	1		23 Number of TE series bottles returned
29	RD124A	Char	4		24a TE series bottle number
30	RD124B	Char	3		24b Number of pills returned
31	RD125A	Char	4		25a TE series bottle number
32	RD125B	Char	3		25b Number of pills returned
33	RD126A	Char	4		26a TE series bottle number
34	RD126B	Char	3		26b Number of pills returned
35	RD127A	Char	4		27a TE series bottle number
36	RD127B	Char	3		27b Number of pills returned
37	RD128	Char	1		28 Additional bottles being returned

Data Set Name: rg1.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		
2	VISIT	Char	2		5 Visit ID code
3	DAYSFROM	Num	8	BEST12.	Registration- Days from randomization
4	RG108	Char	1		8 Patient suitable for study
5	RG109	Char	1		9 Signed informed consent
6	RG110	Char	1		10 Signed informed consent
7	RG111	Char	9		Date of birth- Days from randomization
8	RG112	Char	2		12 Age at last birthday
9	RG113	Char	1		13 8-15 years old
10	RG114	Char	1		14 Gender
11	RG115	Char	1		15 Ethnic category
12	HISPANIC	Char	1		Combined item 16: 1=Mexican, 2=Puerto Ri
13	RG117C	Char	1		17c Black/African American
14	RG117E	Char	1		17e White
15	RG117F	Char	1		17f Refused
16	RACE_OTH	Char	1		Combined 17a, 17b, and 17d: American Ind
17	RG118	Char	1		18 Country of birth
18	RG119	Char	1		19 Current grade level in school
19	RG120	Char	1		20 Current age of female guardian
20	RG121	Char	1		21 Education level of female guardian
21	RG122	Char	1		22 Current age of male guardian
22	RG123	Char	1		23 Education level of male guardian
23	RG124	Char	1		24 Annual household income
24	RG125	Char	2		25 Source of patient
25	RG126	Char	1		26 NASH ID previously assigned
26	RG127A	Char	1		27a NAFLD Database
27	RG127B	Char	1		27b Other NASH study
28	RG127BS	Char	1		27b Specify other study

Data Set Name: table1.sas7bdat

Num	Variable	Type	Len	Label
1	ID	Char	4	TONIC: Limited use dataset ID number
2	TX	Char	4	Treatment group
3	AGE	Num	8	Age - yrs
4	FEMALE	Num	3	Female gender 0=no 1=yes
5	HISPANIC	Num	3	Hispanic ethnicity 0=no 1=yes
6	RACE	Char	14	Race 1=indian 2=asian 3=black 4=pac isla
7	HLTH	Num	8	Self-report Pediatric QoL physical healt
8	PSYCH	Num	8	Self-report Pediatric QoL health summary
9	PHLTH	Num	8	Proxy Pediatric QoL physical health func
10	PPSYCH	Num	8	Proxy Pediatric QoL health summary score
11	ALT	Num	4	ALT - U/L
12	AST	Num	4	AST - U/L
13	GGT	Num	4	GGT - U/L
14	ALKA	Num	4	Alkaline phosphatase - U/L
15	BILIT	Num	8	Total bilirubin - mg/dL
16	GLUC	Num	4	Fasting serum glucose - mg/dL
17	HOMA	Num	8	HOMA-IR - (mg/dL x u/mL)/405
18	TRIG	Num	4	Triglycerides - mg/dL
19	CHOL	Num	4	Cholesterol - mg/dL
20	HDL	Num	3	HDL - mg/dL
21	LDL	Num	4	LDL - mg/dL
22	WEIGHT	Num	8	Weight - kg
23	BMI	Num	8	Body mass index kg/m2
24	WAIST	Num	8	Waist circumference - cm
25	TANNER	Num	3	Tanner stage - scale 1-5
26	TOTALF	Num	8	Total body fat - %
27	BLFIBRO	Num	3	Baseline Fibrosis score - scale 0-4
28	DEFNASH	Num	3	Definite NASH 0=no 1=yes
29	BLSTEATO	Num	3	Baseline Steatosis score - scale 0-3
30	BLINFLAM	Num	3	Baseline Lobular inflammation score - sc
31	BLBALL	Num	3	Baseline Ballooning score - scale 0-2
32	BLNAS	Num	3	Baseline NAFLD activity score - scale 0-
33	VITE	Num	8	Alpha-tocopherol - mg/L
34	BMIZ	Num	8	Body mass index kg/m2

Data Set Name: table2.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		TONIC: Limited use dataset ID number
2	TX	Char	4		Treatment group
3	PRIMARY	Num	8	BEST12.	Sustained reduction in ALT 0=no 1=yes
4	BALT	Num	8	BEST12.	ALT at baseline - U/L
5	ALT24	Num	8	BEST12.	ALT at 24 wks - U/L
6	ALT48	Num	8	BEST12.	
7	ALT72	Num	8	BEST12.	
8	ALT96	Num	8	BEST12.	
9	CALT24	Num	8	BEST12.	Change ALT at 24 wks - U/L
10	CALT48	Num	8	BEST12.	Change ALT at 48 wks - U/L
11	CALT72	Num	8	BEST12.	Change ALT at 72 wks - U/L
12	CALT96	Num	8	BEST12.	Change ALT at 96 wks - U/L

Data Set Name: table3.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		TONIC: Limited use dataset ID number
2	TX	Char	4		Treatment group
3	BLFIBRO	Num	8	BEST12.	Baseline fibrosis score - scale 0,1,1.5,
4	BLSTEATO	Num	8	BEST12.	Baseline steatosis score - scale 0-3
5	BLINFLAM	Num	8	BEST12.	Baseline inflammation score - scale 0-3
6	BLBALL	Num	8	BEST12.	Baseline ballooning score - scale 0-2
7	BLNAS	Num	8	BEST12.	Baseline NAFLD activity score - scale 0-
8	FIBRO	Num	8	BEST12.	F96 fibrosis score - scale 0,1,1.5,1.75,
9	STEATO	Num	8	BEST12.	F96 steatosis score - scale 0-3
10	INFLAM	Num	8	BEST12.	F96 inflammation score - scale 0-3
11	BALL	Num	8	BEST12.	F96 ballooning score - scale 0-2
12	NAS	Num	8	BEST12.	F96 NAFLD activity score - scale 0-8
13	DFIBRO	Num	8	BEST12.	Change (F96-Baseline) fibrosis score; 0
14	DFIBROAL	Num	8	BEST12.	Change (F96-Baseline) fibrosis score
15	DSTEATO	Num	8	BEST12.	Change (F96-Baseline) steatosis score
16	DINFLAM	Num	8	BEST12.	Change (F96-Baseline) inflammation score
17	DBALL	Num	8	BEST12.	Change (F96-Baseline) ballooning score
18	DNAS	Num	8	BEST12.	Change (F96-Baseline) NAFLD activity sco
19	RESOLVE	Num	8	BEST12.	Resolution of NASH - 0=no 1=yes
20	IFIBRO1	Num	8	BEST12.	Improvement in fibrosis score - 0=no or
21	IFIBROAL	Num	8	BEST12.	Improvement in fibrosis score - 0=no 1=y
22	IBALL1	Num	8	BEST12.	Improvement in ballooning score - 0=no 1
23	ISTEATO1	Num	8	BEST12.	Improvement in steatosis score - 0=no 1=
24	IINFLAM1	Num	8	BEST12.	Improvement in inflammation score - 0=no
25	INAS1	Num	8	BEST12.	Improvement in NAS - 0=no 1=yes

Data Set Name: table4.sas7bdat

Num	Variable	Type	Len	Format	Label
1	ID	Char	4		TONIC: Limited use dataset ID number
2	TX	Char	4		Treatment group
3	BLHLTH	Num	8	BEST12.	BL: Self-report Pediatric QoL physical h
4	BLPSYCH	Num	8	BEST12.	BL: Self-report Pediatric QoL health sum
5	HLTH	Num	8	BEST12.	F96: Self-report Pediatric QoL physical
6	PSYCH	Num	8	BEST12.	F96: Self-report Pediatric QoL health su
7	CHLTH	Num	8	BEST12.	Change (F96-BL): Self-report Pediatric Q
8	CPSYCH	Num	8	BEST12.	Change (F96-BL): Self-report Pediatric Q
9	BLPHLTH	Num	8	BEST12.	BL: Proxy Pediatric QoL physical health
10	BLPPSYCH	Num	8	BEST12.	BL: Proxy Pediatric QoL health summary s
11	PHLTH	Num	8	BEST12.	F96: Proxy Pediatric QoL physical health
12	PPSYCH	Num	8	BEST12.	F96: Proxy Pediatric QoL health summary
13	CPHLTH	Num	8	BEST12.	Change (F96-BL): Proxy Pediatric QoL phy
14	CPPSYCH	Num	8	BEST12.	Change (F96-BL): Proxy Pediatric QoL hea
15	BLALT	Num	8	BEST12.	BL: ALT - U/L
16	BLAST	Num	8	BEST12.	BL: AST - U/L
17	BLGGT	Num	8	BEST12.	BL: GGT - U/L
18	BLALKA	Num	8	BEST12.	BL: Alkaline phosphatase - U/L
19	BLBILIT	Num	8	BEST12.	BL: Total bilirubin - mg/dL
20	BLGLUC	Num	8	BEST12.	BL: Fasting serum glucose - mg/dL
21	BLHOMA	Num	8	BEST12.	BL: HOMA-IR - (mg/dL x u/mL)/405
22	ALT	Num	8	BEST12.	F96: ALT - U/L
23	AST	Num	8	BEST12.	F96: AST - U/L
24	GGT	Num	8	BEST12.	F96: GGT - U/L
25	ALKA	Num	8	BEST12.	F96: Alkaline phosphatase - U/L
26	BILIT	Num	8	BEST12.	F96: Total bilirubin - mg/dL
27	GLUC	Num	8	BEST12.	F96: Fasting serum glucose - mg/dL
28	HOMA	Num	8	BEST12.	F96: HOMA-IR - (mg/dL x u/mL)/405
29	CALT	Num	8	BEST12.	Change (F96-BL): ALT - U/L
30	CAST	Num	8	BEST12.	Change (F96-BL): AST - U/L
31	CGGT	Num	8	BEST12.	Change (F96-BL): GGT - U/L
32	CALKA	Num	8	BEST12.	Change (F96-BL): Alkaline phosphatase -
33	CBILIT	Num	8	BEST12.	Change (F96-BL): Total bilirubin - mg/dL
34	CHOMA	Num	8	BEST12.	Change (F96-BL): HOMA-IR - (mg/dL x u/mL
35	CGLUC	Num	8	BEST12.	Change (F96-BL): Fasting serum glucose -
36	BLTRIG	Num	8	BEST12.	BL: Triglycerides - mg/dL
37	BLCHOL	Num	8	BEST12.	BL: Cholesterol - mg/dL

Num	Variable	Type	Len	Format	Label
38	BLHDL	Num	8	BEST12.	BL: HDL - mg/dL
39	BLLDL	Num	8	BEST12.	BL: LDL - mg/dL
40	TRIG	Num	8	BEST12.	F96: Triglycerides - mg/dL
41	CHOL	Num	8	BEST12.	F96: Cholesterol - mg/dL
42	HDL	Num	8	BEST12.	F96: HDL - mg/dL
43	LDL	Num	8	BEST12.	F96: LDL - mg/dL
44	CTRIG	Num	8	BEST12.	Change (F96-BL): Triglycerides - mg/dL
45	CCHOL	Num	8	BEST12.	Change (F96-BL): Cholesterol - mg/dL
46	CHDL	Num	8	BEST12.	Change (F96-BL): HDL - mg/dL
47	CLDL	Num	8	BEST12.	Change (F96-BL): LDL - mg/dL
48	WEIGHT	Num	8	BEST12.	F96: Weight - kg
49	BMI	Num	8	BEST12.	F96: Body mass index kg/m2
50	WAIST	Num	8	BEST12.	F96: Waist circumference - cm
51	TANNER	Num	8	BEST12.	F96: Tanner stage - scale 1-5
52	BMIZ	Num	8	BEST12.	F96: Body mass index kg/m2
53	BLWEIGHT	Num	8	BEST12.	BL: Weight - kg
54	BLWAIST	Num	8	BEST12.	BL: Waist circumference - cm
55	BLBMI	Num	8	BEST12.	BL: Body mass index kg/m2
56	BLBMIZ	Num	8	BEST12.	BL: Body mass index kg/m2
57	BLTANNER	Num	8	BEST12.	BL: Tanner stage - scale 1-5
58	CWEIGHT	Num	8	BEST12.	Change (F96-BL): Weight - kg
59	CWAIST	Num	8	BEST12.	Change (F96-BL): Waist circumference - c
60	CBMI	Num	8	BEST12.	Change (F96-BL): Body mass index kg/m2
61	CBMIZ	Num	8	BEST12.	Change (F96-BL): Body mass index kg/m2
62	CTANNER	Num	8	BEST12.	Change (F96-BL): Tanner stage - scale 1-
63	BLTOTALF	Num	8	BEST12.	BL: Total body fat - %
64	TOTALF	Num	8	BEST12.	F96: Total body fat - %
65	CTOTALF	Num	8	BEST12.	Change (F96-BL): Total body fat - %
66	BLVITE	Num	8	BEST12.	BL: Alpha-tocopherol - mg/L
67	VITE	Num	8	BEST12.	F96: Alpha-tocopherol - mg/L
68	CVITE	Num	8	BEST12.	Change (F96-BL): Alpha-tocopherol - mg/L

Data Set Name: treament.sas7bdat

Num	Variable	Type	Len	Label
1	ID	Char	4	
2	TX_NO	Char	1	1=Placebo, 2=Metformin, 3=Vitamin E
3	TX	Char	4	