

Data Set Name: dxadata.sas7bdat

Num	Variable	Type	Len	Format	Label
1	BMDSpine	Num	8		Total spine BMD
2	BMDSpineZScore	Num	8		Total spine BMD Z-score
3	BMDNeck	Num	8		Hip neck BMD
4	BMDNeckZScore	Num	8		Hip neck BMD Z-score
5	BMDHip	Num	8		Total hip BMD
6	BMDHipZScore	Num	8		Total hip BMD Z-score
7	BMDSpineWtHtFatZScore	Num	8		Total spine BMD Z-score adjusted for weight, height, fat
8	BMDNeckWtHtFatZScore	Num	8		Hip neck BMD Z-score adjusted for weight, height, fat
9	BMDHipWtHtFatZScore	Num	8		Total hip BMD Z-score adjusted for weight, height, fat
10	BMCTotalWtHtFatZScore	Num	8		Whole body BMC Z-score adjusted for weight, height, fat
11	BMDTotalWtHtFatZScore	Num	8		Whole body BMD Z-score adjusted for weight, height, fat
12	BMCSpineWtHtFatZScore	Num	8		Total spine BMC Z-score adjusted for weight, height, fat
13	BMDSpineWtHtZScore	Num	8		Total spine BMD Z-score adjusted for weight, height
14	BMDNeckWtHtZScore	Num	8		Hip neck BMD Z-score adjusted for weight, height
15	BMDHipWtHtZScore	Num	8		Total hip BMD Z-score adjusted for weight, height
16	BMCTotalWtHtZScore	Num	8		Whole body BMC Z-score adjusted for weight, height
17	BMDTotalWtHtZScore	Num	8		Whole body BMD Z-score adjusted for weight, height
18	BMCSpineWtHtZScore	Num	8		Total spine BMC Z-score adjusted for weight, height
19	MeasuredPctLean	Num	8		Measured lean body mass (%)
20	BMCTotal	Num	8		Whole body BMC
21	BMDTotal	Num	8		Whole body BMD
22	BMDSubTotal	Num	8		Whole body minus head BMD
23	BMCSubTotal	Num	8		Whole body minus head BMC
24	BMDTotalZScore	Num	8		Whole body BMD Z-score
25	BMDSubTotalZScore	Num	8		Whole body minus head BMD Z-score
26	BMCTotalZScore	Num	8		Whole body BMC Z-score
27	BMCSubTotalZScore	Num	8		Whole body minus head BMC Z-score

Num	Variable	Type	Len	Format	Label
28	BMCSUBTotalWtHtFatZScore	Num	8		Whole body minus head BMC Z-score adjusted for weight, height, fat
29	BMDSubTotalWtHtFatZScore	Num	8		Whole body minus head BMD Z-score adjusted for weight, height, fat
30	BMCNeckWtHtFatZScore	Num	8		Hip neck BMC Z-score adjusted for weight, height, fat
31	BMCHipWtHtFatZScore	Num	8		Total hip BMC Z-score adjusted for weight, height, fat
32	BMCSUBTotalWtHtZScore	Num	8		Whole body minus head BMC Z-score adjusted for weight, height
33	BMDSubTotalWtHtZScore	Num	8		Whole body minus head BMD Z-score adjusted for weight, height
34	BMCNeckWtHtZScore	Num	8		Hip neck BMC Z-score adjusted for weight, height
35	BMCHipWtHtZScore	Num	8		Total hip BMC Z-score adjusted for weight, height
36	SubjectID	Char	7		LOGIC subject ID
37	LogicGroup	Num	8	LOGICGROUPEMT.	LOGIC study group
38	NoDXA	Num	8	DXAMATCHFMT.	Flag for subjects without a scan used as matched comparison (0=DXA scan, 1=no DXA scan)
39	DgnDetail	Num	8	DGNDETAILFMT.	Detailed diagnosis from diagnosis CRF
40	Diagnosis	Num	8	DIAGNOSISELGFMT.	Diagnosis group
41	Sex	Num	8	SEXFMT.	Gender
42	Ethnicity	Num	8	ETHNICITYFMT.	Ethnicity
43	Race	Num	8	RACEFMT.	Race
44	AgeAtScanYears	Num	8		Age (years) at the time of scan
45	AgeAtBaselineYears	Num	8		Age (years) at LOGIC study baseline
46	AgeAtScanOrMatch	Num	8		Age (years) at DXA scan or date used to match non-DXA subject
47	HeightCm	Num	8		Height (cm) closest to scan
48	WeightKg	Num	8		Weight (kg) closest to scan
49	SpleenSize	Num	8		Spleen size (cm below costal margin)
50	BiliTotal	Num	8		Total bilirubin (mg/dL)
51	BiliDirect	Num	8		Direct bilirubin (mg/dL)
52	Albumin	Num	8		Albumin (g/dL)
53	BileAcidUM	Num	8		Total serum bile acids (umol/L)
54	BileAcidUG	Num	8		Total serum bile acids (ug/dL)
55	INR	Num	8		INR
56	VitaminD	Num	8		Vitamin D (ng/mL)
57	AlkPhos	Num	8		Alkaline phosphatase (U/L)
58	GGT	Num	8		GGT (U/L)
59	ALT	Num	8		ALT (U/L)

Num	Variable	Type	Len	Format	Label
60	AST	Num	8		AST (U/L)
61	WBC	Num	8		WBC
62	HgB	Num	8		Hemoglobin (g/dl)
63	Plate	Num	8		Platelets
64	BoneFractureAny	Num	8	BONEFRACTUREANYFMT.	any bone fracture
65	BoneFractureGt1	Num	8	BONEFRACTUREGT1FMT.	more than one bone fracture
66	BoneFractureNum	Num	8		Number of bone fractures
67	DiversionFlag	Num	8	DIVERSIONFLAGFMT.	Biliary diversion prior to scan
68	PhysicalExamAgeYears	Num	8		Age (years) at the time of height/weight measurement
69	PhysicalExamAgeMonths	Num	8		Age (months) at the time of height/weight measurement
70	BMI	Num	8		BMI closest to scan
71	WeightZScore	Num	8		Weight Z-score
72	BMIZScore	Num	8		BMI Z-score
73	HeightZScore	Num	8		Height Z-Score
74	ScanYear	Num	8		Year of DXA scan
75	LeanBodyMassKg	Num	8		Calculated lean body mass (kg)
76	LeanBodyMassPercent	Num	8		Calculated lean body mass (percent)
77	DiversionToScanYrs	Num	8		Time (years) from biliary diversion to DXA scan
78	DiagnosisOrder	Num	8	DIAGNOSISORDERFMT.	Alternate ordering of diagnosis categories
79	BMDTotalZScore_Orig	Num	8		Non-Winsorized Whole body BMD Z-score
80	BMDTotalWtHtZScore_Orig	Num	8		Non-Winsorized Whole body BMD Z-score adjusted for weight, height
81	BMDTotalWtHtFatZScore_Orig	Num	8		Non-Winsorized Whole body BMD Z-score adjusted for weight, height, fat
82	BMCTotalZScore_Orig	Num	8		Non-Winsorized Whole body BMC Z-score
83	BMCTotalWtHtZScore_Orig	Num	8		Non-Winsorized Whole body BMC Z-score adjusted for weight, height
84	BMCTotalWtHtFatZScore_Orig	Num	8		Non-Winsorized Whole body BMC Z-score adjusted for weight, height, fat
85	BMDSubTotalZScore_Orig	Num	8		Non-Winsorized Whole body minus head BMD Z-score
86	BMDSubTotalWtHtZScore_Orig	Num	8		Non-Winsorized Whole body minus head BMD Z-score adjusted for weight, height
87	BMDSubTotalWtHtFatZScore_Orig	Num	8		Non-Winsorized Whole body minus head BMD Z-score adjusted for weight, height, fat
88	BMCTotalZScore_Orig	Num	8		Non-Winsorized Whole body minus head BMC Z-score

Num	Variable	Type	Len	Format	Label
89	BMCSUBTotalWtHtZScore_Orig	Num	8		Non-Winsorized Whole body minus head BMC Z-score adjusted for weight, height
90	BMCSUBTotalWtHtFatZScore_Orig	Num	8		Non-Winsorized Whole body minus head BMC Z-score adjusted for weight, height, fat
91	BMDSpineZScore_Orig	Num	8		Non-Winsorized Total spine BMD Z-score
92	BMDSpineWtHtZScore_Orig	Num	8		Non-Winsorized Total spine BMD Z-score adjusted for weight, height
93	BMDSpineWtHtFatZScore_Orig	Num	8		Non-Winsorized Total spine BMD Z-score adjusted for weight, height, fat
94	BMCSpineWtHtZScore_Orig	Num	8		Non-Winsorized Total spine BMC Z-score adjusted for weight, height
95	BMCSpineWtHtFatZScore_Orig	Num	8		Non-Winsorized Total spine BMC Z-score adjusted for weight, height, fat
96	BMDNeckZScore_Orig	Num	8		Non-Winsorized Hip neck BMD Z-score
97	BMDNeckWtHtZScore_Orig	Num	8		Non-Winsorized Hip neck BMD Z-score adjusted for weight, height
98	BMDNeckWtHtFatZScore_Orig	Num	8		Non-Winsorized Hip neck BMD Z-score adjusted for weight, height, fat
99	BMCNeckWtHtZScore_Orig	Num	8		Non-Winsorized Hip neck BMC Z-score adjusted for weight, height
100	BMCNeckWtHtFatZScore_Orig	Num	8		Non-Winsorized Hip neck BMC Z-score adjusted for weight, height, fat
101	BMDHipZScore_Orig	Num	8		Non-Winsorized Total hip BMD Z-score
102	BMDHipWtHtZScore_Orig	Num	8		Non-Winsorized Total hip BMD Z-score adjusted for weight, height
103	BMDHipWtHtFatZScore_Orig	Num	8		Non-Winsorized Total hip BMD Z-score adjusted for weight, height, fat
104	BMCHipWtHtZScore_Orig	Num	8		Non-Winsorized Total hip BMC Z-score adjusted for weight, height
105	BMCHipWtHtFatZScore_Orig	Num	8		Non-Winsorized Total hip BMC Z-score adjusted for weight, height, fat
106	BMDTotalZScore_WinFlag	Num	8	YNMFMT.	Was BMDTotalZScore Winsorized?
107	BMDTotalWtHtZScore_WinFlag	Num	8	YNMFMT.	Was BMDTotalWtHtZScore Winsorized?
108	BMDTotalWtHtFatZScore_WinFlag	Num	8	YNMFMT.	Was BMDTotalWtHtFatZScore Winsorized?
109	BMCTotalZScore_WinFlag	Num	8	YNMFMT.	Was BMCTotalZScore Winsorized?
110	BMCTotalWtHtZScore_WinFlag	Num	8	YNMFMT.	Was BMCTotalWtHtZScore Winsorized?
111	BMCTotalWtHtFatZScore_WinFlag	Num	8	YNMFMT.	Was BMCTotalWtHtFatZScore Winsorized?
112	BMDSubTotalZScore_WinFlag	Num	8	YNMFMT.	Was BMDSubTotalZScore Winsorized?
113	BMDSubTotalWtHtZScore_WinFlag	Num	8	YNMFMT.	Was BMDSubTotalWtHtZScore Winsorized?
114	BMDSubTotalWtHtFatZScore_WinFlag	Num	8	YNMFMT.	Was BMDSubTotalWtHtFatZScore Winsorized?

Num	Variable	Type	Len	Format	Label
115	BMCSUBTotalZScore_WinFlag	Num	8	YNMFMT.	Was BMCSUBTotalZScore Winsorized?
116	BMCSUBTotalWtHtZScore_WinFlag	Num	8	YNMFMT.	Was BMCSUBTotalWtHtZScore Winsorized?
117	BMCSUBTotalWtHtFatZScore_WinFlag	Num	8	YNMFMT.	Was BMCSUBTotalWtHtFatZScore Winsorized?
118	BMDSpineZScore_WinFlag	Num	8	YNMFMT.	Was BMDSpineZScore Winsorized?
119	BMDSpineWtHtZScore_WinFlag	Num	8	YNMFMT.	Was BMDSpineWtHtZScore Winsorized?
120	BMDSpineWtHtFatZScore_WinFlag	Num	8	YNMFMT.	Was BMDSpineWtHtFatZScore Winsorized?
121	BMCSpineWtHtZScore_WinFlag	Num	8	YNMFMT.	Was BMCSpineWtHtZScore Winsorized?
122	BMCSpineWtHtFatZScore_WinFlag	Num	8	YNMFMT.	Was BMCSpineWtHtFatZScore Winsorized?
123	BMDNeckZScore_WinFlag	Num	8	YNMFMT.	Was BMDNeckZScore Winsorized?
124	BMDNeckWtHtZScore_WinFlag	Num	8	YNMFMT.	Was BMDNeckWtHtZScore Winsorized?
125	BMDNeckWtHtFatZScore_WinFlag	Num	8	YNMFMT.	Was BMDNeckWtHtFatZScore Winsorized?
126	BMCNeckWtHtZScore_WinFlag	Num	8	YNMFMT.	Was BMCNeckWtHtZScore Winsorized?
127	BMCNeckWtHtFatZScore_WinFlag	Num	8	YNMFMT.	Was BMCNeckWtHtFatZScore Winsorized?
128	BMDHipZScore_WinFlag	Num	8	YNMFMT.	Was BMDHipZScore Winsorized?
129	BMDHipWtHtZScore_WinFlag	Num	8	YNMFMT.	Was BMDHipWtHtZScore Winsorized?
130	BMDHipWtHtFatZScore_WinFlag	Num	8	YNMFMT.	Was BMDHipWtHtFatZScore Winsorized?
131	BMCHipWtHtZScore_WinFlag	Num	8	YNMFMT.	Was BMCHipWtHtZScore Winsorized?
132	BMCHipWtHtFatZScore_WinFlag	Num	8	YNMFMT.	Was BMCHipWtHtFatZScore Winsorized?
133	TannerStageDevelop	Num	8		Tanner score - development
134	TannerStageHair	Num	8		Tanner score - pubic hair
135	SpleenPlate	Num	8	YNMFMT.	Spleen > 2cm and Platelet count <150
136	BMILtNeg2	Num	8	YNMFMT.	BMI Z-score < -2
137	BoneRiskYears	Num	8		Time (years) at risk for bone fractures
138	CentralBileAcid	Num	8		Total serum bile acids (umol/L)
139	GeneticDgn	Num	8	GENETICDGNFMT.	Genetic diagnosis

Data Set Name: a1atbaseline.sas7bdat

Num	Variable	Type	Len	Label
1	group	Num	8	
2	racecat	Char	1	Race
3	dmgab02	Char	3	Gender
4	dmgab03	Char	3	Ethnicity
5	ast	Num	8	
6	alt	Num	8	
7	inr	Num	8	
8	ggtp	Num	8	
9	wbc	Num	8	
10	ast_alt_ratio	Num	8	
11	pht	Num	8	PHT
12	pht_us	Num	8	PHT US BASED
13	liver_disease	Num	8	
14	age	Num	8	
15	ihx2b01_age	Num	8	
16	ihx2b02_age	Num	8	
17	zz	Num	8	
18	sz	Num	8	
19	pretx	Num	8	
20	id	Num	8	

Data Set Name: child_univariate.sas7bdat

Num	Variable	Type	Len	Format	Informat
1	ctxstdid	Num	8		
2	physical	Num	8		
3	psychosocial	Num	8		
4	total	Num	8		
5	WAZ	Num	8		
6	HAZ	Num	8		
7	bt_n	Num	8		
8	dis_grp	Char	25	\$25.	\$25.
9	grp	Num	8		

Data Set Name: demographics.sas7bdat

Num	Variable	Type	Len	Format	Informat
1	ctxstdid	Num	8		
2	physical	Num	8		
3	total	Num	8		
4	WAZ	Num	8		
5	HAZ	Num	8		
6	bt_n	Num	8		
7	GGTP_n	Num	8		
8	inr_n	Num	8		
9	wbc_n	Num	8		
10	platelets_n	Num	8		
11	ALT_n	Num	8		
12	albumin_n	Num	8		
13	race	Char	12		
14	gender	Char	6		
15	tx_listing	Char	1		
16	dis_grp	Char	25	\$25.	\$25.
17	grp	Num	8		
18	age_at_test	Num	8		

Data Set Name: parent_univariate.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	ctxstdid	Num	8			
2	physical	Num	8			
3	psychosocial	Num	8			
4	total	Num	8			
5	WAZ	Num	8			Weight (Z score) Adjusted for Age
6	HAZ	Num	8			Height (Z score) Adjusted for Age
7	inr_n	Num	8			INR
8	dis_grp	Char	25	\$25.	\$25.	
9	grp	Num	8			
10	age_at_test	Num	8			
11	cardiac_defect	Char	1			Cardiac Defects

Data Set Name: pedsql_child_dis.sas7bdat

Num	Variable	Type	Len	Format	Informat
1	dis_grp	Char	25	\$25.	\$25.
2	ctxstdid	Num	8		
3	grp	Num	8		
4	from	Char	20		
5	physical	Num	8		
6	emotion	Num	8		
7	social	Num	8		
8	school	Num	8		
9	psychosocial	Num	8		
10	total	Num	8		

Data Set Name: pedsql_parent_dis.sas7bdat

Num	Variable	Type	Len	Format	Informat
1	dis_grp	Char	25	\$25.	\$25.
2	ctxstdid	Num	8		
3	grp	Num	8		
4	from	Char	21		
5	physical	Num	8		
6	emotion	Num	8		
7	social	Num	8		
8	school	Num	8		
9	psychosocial	Num	8		
10	total	Num	8		