

**Data Set Name: riseadult\_basedata.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	treatment	Char	23	Treatment Text
2	sex	Num	8	Sex (1=Male, 2=Female)
3	RACE	Num	8	Race/Ethnicity 1=White 2=Other
4	RISE_REPOSITORY_ID	Char	9	RISE Repository ID
5	AGEGROUP	Char	14	Age group at randomization
6	RANDPER	Num	8	Period of Randomization

**Data Set Name: riseadult\_basedata\_niddk\_only.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Format</b>	<b>Label</b>
1	RANDDATE	Num	8	MMDDYY10.	Date of randomization
2	treatment	Char	23		Treatment Text
3	sex	Num	8		Sex (1=Male, 2=Female)
4	RACE	Num	8		Race/Ethnicity
5	agerand	Num	8		Age at randomization
6	RISE_REPOSITORY_ID	Char	9		RISE Repository ID

**Data Set Name: riseadult\_baseline.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	RISE_REPOSITORY_ID	Char	9			RISE Repository ID
2	VISIT	Char	3			Study Visit
3	BAOSPEC1	Char	15	\$15.	\$15.	If other, specify (anti hyper)
4	BAOSPEC2	Char	15	\$15.	\$15.	If other, specify (lip low)
5	BAOTHSPEC	Char	30	\$30.	\$30.	If "Other," specify:
6	BAACE	Num	8	1.		ACE inhibitor
7	BAANTIHYP	Num	8	1.		Antihypertensives?
8	BAARB	Num	8	1.		ARB
9	BABETA	Num	8	1.		Beta blocker
10	BACNTRCPT	Num	8	1.		Do you use contraception?
11	BADIAMED	Num	8	1.		Diabetes medication?
12	BADIURET	Num	8	1.		Diuretic
13	BADPP4	Num	8	1.		DPP-4 inhibitor
14	BAEXENLIRA	Num	8	1.		Exenatide or liraglutide
15	BAFIBRATE	Num	8	1.		Fibrate
16	BAGLRGDISNUM	Num	8	2.		Number of pens (glargine)
17	BAGLRGDISP	Num	8	1.		Insulin glargine dispensed?
18	BAHORMCON	Num	8	1.		Hormonal contraception?
19	BAHYPONUM	Num	8	2.		Number of episodes mild hypoglycemia
20	BAINHALE	Num	8	1.		Inhaled steroids
21	BAINJECT	Num	8	1.		Injection steroids
22	BAINSUL	Num	8	1.		Insulin
23	BALIPLOW	Num	8	1.		Lipid lowering medications?
24	BALIRADISP	Num	8	1.		liraglutide dispensed?
25	BALIRANUM	Num	8	2.		Number of pens (liraglutide)
26	BALOWBS	Num	8	1.		Episode(s) of low blood sugar?
27	BAMEDS	Num	8	1.		Taken any meds?
28	BAMETDISP	Num	8	1.		metformin/placebo dispensed?
29	BAMETNUM	Num	8	1.		Number of bottles
30	BAMILDHYP	Num	8	1.		Repeated mild hypoglycemia?
31	BANIACIN	Num	8	1.		Niacin
32	BANOBABY	Num	8			What are you doing to avoid having a baby?
33	BAORALST	Num	8	1.		Oral steroid
34	BAOSTDAYS	Num	8	2.		Total days oral steroids used since last visit
35	BAOTH1	Num	8	1.		Other (antihyper)
36	BAOTH2	Num	8	1.		Other (lipid lowering)
37	BAOTH3	Num	8	1.		Other (diabetes meds)

Num	Variable	Type	Len	Format	Informat	Label
38	BAOTHER	Num	8	1.		Other clinically important symptoms?
39	BAPREGTEST	Num	8			Result of pregnancy test
40	BAPSYCHO	Num	8	1.		Atypical psychotropics?
41	BASEQUEST	Num	8	1.		Bile acid sequestrant
42	BASKINRASH	Num	8	1.		Skin rashes?
43	BASTATIN	Num	8	1.		Statin
44	BASTDYMET	Num	8	1.		Study Metformin
45	BASTER	Num	8	1.		Steroids?
46	BASTIM	Num	8	1.		Stimulants?
47	BASTOMACH	Num	8	1.		Stomach/GI problems
48	BASULF	Num	8	1.		Sulfonylurea
49	BASYMP	Num	8	1.		Symptoms of diabetes out of control
50	BATHIAZ	Num	8	1.		Thiazolidinedione
51	BAWGHTLOSS	Num	8			Weight loss treatments?
52	BENONMET	Num	8	1.		Non-study metformin
53	BIRDEF	Num	8	1.		congenital anomaly or birth defect?
54	DBP	Num	8	3.		Diastolic BP reading
55	DISABILITY	Num	8	1.		Permanent or severe disability?
56	HEIGHT1	Num	8	5.1		Height Measure 1
57	HEIGHT2	Num	8	5.1		Weight Measure 2
58	HEIGHT3	Num	8	5.1		Height Measure 3
59	HIP1	Num	8	5.1		Hip circumference 1
60	HIP2	Num	8	5.1		Hip circumference 2
61	HIP3	Num	8	5.1		Hip circumference 3
62	HOSPITAL	Num	8	1.		Required or prolonged hospitalization?
63	OTHMED	Num	8	1.		Other serious medical event?
64	OVERDOSE	Num	8	1.		Overdose of a study medication?
65	PREG	Num	8	1.		Pregnant?
66	PREVENT	Num	8	1.		Required intervention to prevent sae?
67	SBP	Num	8	3.		Systolic BP reading
68	SEVHYPO	Num	8	1.		episode of hypoglycemia?
69	THREAT	Num	8	1.		Any acute life-threatening event?
70	WAIST1	Num	8	5.1		Waist circumference measure 1
71	WAIST2	Num	8	5.1		Waist circumference measure 2
72	WAIST3	Num	8	5.1		Waist circumference measure 3
73	WEIGHT1	Num	8	5.1		Weight Measure 1
74	WEIGHT2	Num	8	5.1		Weight Measure 2
75	WEIGHT3	Num	8	5.1		Weight Measure 3
76	DAYSRAND	Num	8			Days since RISE Randomization



**Data Set Name: riseadult\_clamp.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	RISE_REPOSITORY_ID	Char	9			RISE Repository ID
2	VISIT	Char	3			Study Visit
3	CLWHY	Char	300	\$300.	\$300.	Why not completed/with a problem?
4	CLAGLUC100	Num	8	3.		14. 100 minutes*[:;]
5	CLAGLUC110	Num	8	3.		15. 110 minutes[:;]
6	CLAGLUC120	Num	8	3.		16. 120 minutes[:;]
7	CLAGLUC30	Num	8	3.		11. 30 minutes[:;]
8	CLAGLUC60	Num	8	3.		12. 60 minutes[:;]
9	CLAGLUC90	Num	8	3.		13. 90 minutes[:;]
10	CLAGLUCM1	Num	8	3.		21. -1 minute pre-argin[:;]
11	CLAGLUCM5	Num	8	3.		20. -5 minutes pre-argi[:;]
12	CLAINF100	Num	8	3.		14. 100 minutes*[:;]
13	CLAINF110	Num	8	3.		15. 110 minutes[:;]
14	CLAINF120	Num	8	3.		16. 120 minutes[:;]
15	CLAINF30	Num	8	3.		11. 30 minutes[:;]
16	CLAINF60	Num	8	3.		12. 60 minutes[:;]
17	CLAINF90	Num	8	3.		13. 90 minutes[:;]
18	CLAINFM1	Num	8	3.		21. -1 minute pre-argin[:;]
19	CLAINFM5	Num	8	3.		20. -5 minutes pre-argi[:;]
20	CLATIME100M	Num	8	3.		14. 100 minutes*[:;]
21	CLATIME100S	Num	8	2.		14. 100 minutes*[:;]
22	CLATIME110M	Num	8	3.		15. 110 minutes[:;]
23	CLATIME110S	Num	8	2.		15. 110 minutes[:;]
24	CLATIME120M	Num	8	3.		16. 120 minutes[:;]
25	CLATIME120S	Num	8	2.		16. 120 minutes[:;]
26	CLATIME30M	Num	8	3.		11. 30 minutes[:;]
27	CLATIME30S	Num	8	2.		11. 30 minutes[:;]
28	CLATIME60M	Num	8	3.		12. 60 minutes[:;]
29	CLATIME60S	Num	8	2.		12. 60 minutes[:;]
30	CLATIME90M	Num	8	3.		13. 90 minutes[:;]
31	CLATIME90S	Num	8	2.		13. 90 minutes[:;]
32	CLATIMEM1M	Num	8	3.		21. -1 minute pre-argin[:;]
33	CLATIMEM1S	Num	8	2.		21. -1 minute pre-argin[:;]
34	CLATIMEM5M	Num	8	3.		20. -5 minutes pre-argi[:;]
35	CLATIMEM5S	Num	8	2.		20. -5 minutes pre-argi[:;]
36	CLBOLUS1	Num	8	4.		Stage 1 D20W glucose bolus
37	CLBOLUS2	Num	8	4.		Stage 2 D20W glucose bolus

Num	Variable	Type	Len	Format	Informat	Label
38	CLD50BOLAMT	Num	8	2.		Stage 2 D50 glucose bolus
39	CLD50BOLUS	Num	8	1.		Was the Stage 2 D50W glucose bolus required (50ml)?
40	CLFASTCGLM10	Num	8	5.1		-10 min fasting bedside glucose
41	CLFASTCGLM5	Num	8	5.1		-5 min fasting bedside glucose
42	CLPREP	Num	8	1.		participant prepared for the clamp test?
43	CLPROBLEM	Num	8			Hyperglycemic clamp problems
44	CLQC10	Num	8	3.		Glucose value at standard (200 mg/dl)
45	CLURINE	Num	8	4.		URINE at end STAGE 1
46	WEIGHT	Num	8	5.1		Weight
47	DAYSRAND	Num	8			Days since RISE Randomization

**Data Set Name: riseadult\_clampdata.sas7bdat**

Num	Variable	Type	Len	Label
1	RISE_REPOSITORY_ID	Char	9	RISE Repository ID
2	VISIT	Char	3	Study Visit
3	gluc120	Num	8	Clamp Glucose 120 min (mg/dl)
4	gluc_10	Num	8	Clamp Glucose -10 min (mg/dl)
5	gluc_05	Num	8	Clamp Glucose -5 min (mg/dl)
6	gluc010	Num	8	Clamp Glucose 10 min (mg/dl)
7	gluc030	Num	8	Clamp Glucose 30 min (mg/dl)
8	gluc060	Num	8	Clamp Glucose 60 min (mg/dl)
9	gluc090	Num	8	Clamp Glucose 90 min (mg/dl)
10	ins_10	Num	8	Clamp Insulin -10 min (uU/ml)
11	ins_05	Num	8	Clamp Insulin -5 min (uU/ml)
12	ins010	Num	8	Clamp Insulin 10 min (uU/ml)
13	ins030	Num	8	Clamp Insulin 30 min (uU/ml)
14	ins060	Num	8	Clamp Insulin 60 min (uU/ml)
15	ins090	Num	8	Clamp Insulin 90 min (uU/ml)
16	ins120	Num	8	Clamp Insulin 120 min (uU/ml)
17	cpep_10	Num	8	Clamp C-peptide -10 min (ng/ml)
18	cpep_05	Num	8	Clamp C-peptide -5 min (ng/ml)
19	cpep010	Num	8	Clamp C-peptide 10 min (ng/ml)
20	cpep030	Num	8	Clamp C-peptide 30 min (ng/ml)
21	cpep060	Num	8	Clamp C-peptide 60 min (ng/ml)
22	cpep090	Num	8	Clamp C-peptide 90 min (ng/ml)
23	cpep120	Num	8	Clamp C-peptide 120 min (ng/ml)
24	gluc002	Num	8	Clamp Glucose 2 min (mg/dl)
25	gluc004	Num	8	Clamp Glucose 4 min (mg/dl)
26	gluc006	Num	8	Clamp Glucose 6 min (mg/dl)
27	gluc008	Num	8	Clamp Glucose 8 min (mg/dl)
28	gluc100	Num	8	Clamp Glucose 100 min (mg/dl)
29	gluc110	Num	8	Clamp Glucose 110 min (mg/dl)
30	gluc155	Num	8	Clamp Glucose 155 min (mg/dl)
31	gluc159	Num	8	Clamp Glucose 159 min (mg/dl)
32	gluc162	Num	8	Clamp Glucose 162 min (mg/dl)
33	gluc163	Num	8	Clamp Glucose 163 min (mg/dl)
34	gluc164	Num	8	Clamp Glucose 164 min (mg/dl)
35	gluc165	Num	8	Clamp Glucose 165 min (mg/dl)
36	ins002	Num	8	Clamp Insulin 2 min (uU/ml)
37	ins004	Num	8	Clamp Insulin 4 min (uU/ml)



Num	Variable	Type	Len	Label
38	ins006	Num	8	Clamp Insulin 6 min (uU/ml)
39	ins008	Num	8	Clamp Insulin 8 min (uU/ml)
40	ins100	Num	8	Clamp Insulin 100 min (uU/ml)
41	ins110	Num	8	Clamp Insulin 110 min (uU/ml)
42	ins155	Num	8	Clamp Insulin 155 min (uU/ml)
43	ins159	Num	8	Clamp Insulin 159 min (uU/ml)
44	ins162	Num	8	Clamp Insulin 162 min (uU/ml)
45	ins163	Num	8	Clamp Insulin 163 min (uU/ml)
46	ins164	Num	8	Clamp Insulin 164 min (uU/ml)
47	ins165	Num	8	Clamp Insulin 165 min (uU/ml)
48	cpep002	Num	8	Clamp C-peptide 2 min (ng/ml)
49	cpep004	Num	8	Clamp C-peptide 4 min (ng/ml)
50	cpep006	Num	8	Clamp C-peptide 6 min (ng/ml)
51	cpep008	Num	8	Clamp C-peptide 8 min (ng/ml)
52	cpep100	Num	8	Clamp C-peptide 100 min (ng/ml)
53	cpep110	Num	8	Clamp C-peptide 110 min (ng/ml)
54	cpep155	Num	8	Clamp C-peptide 155 min (ng/ml)
55	cpep159	Num	8	Clamp C-peptide 159 min (ng/ml)
56	cpep162	Num	8	Clamp C-peptide 162 min (ng/ml)
57	cpep163	Num	8	Clamp C-peptide 163 min (ng/ml)
58	cpep164	Num	8	Clamp C-peptide 164 min (ng/ml)
59	cpep165	Num	8	Clamp C-peptide 165 min (ng/ml)
60	GIR	Num	8	Glucose infusion rate as mg/min (infrate*(D20gluc/100))
61	insulin_steady	Num	8	SS insulin (uU/ml)
62	M_I	Num	8	M/I * 1000 (mg/kg/min/pg/L)
63	cpeptide_steady	Num	8	Clamp C-Peptide at steady state (ng/dL)
64	ACPRmax	Num	8	ACPRmax incremental mean (cpeptide)
65	airmax	Num	8	AIRmax incremental mean (Insulin)
66	ACPRg	Num	8	Clamp ACPRg, (ng/dL)
67	AIRg	Num	8	AIRg (Insulin)
68	glucagon100	Num	8	Clamp Glucagon 100 min (pM/L)
69	glucagon110	Num	8	Clamp Glucagon 110 min (pM/L)
70	glucagon155	Num	8	Clamp Glucagon 155 min (pM/L)
71	glucagon159	Num	8	Clamp Glucagon 159 min (pM/L)
72	glucagon162	Num	8	Clamp Glucagon 162 min (pM/L)
73	glucagon163	Num	8	Clamp Glucagon 163 min (pM/L)
74	glucagon164	Num	8	Clamp Glucagon 164 min (pM/L)
75	glucagon165	Num	8	Clamp Glucagon 165 min (pM/L)
76	glucagon_10	Num	8	Clamp Glucagon -10 min (pM/L)

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
77	glucagon_05	Num	8	Clamp Glucagon -5 min (pM/L)
78	glucagon120	Num	8	Clamp Glucagon 120 min (pM/L)

**Data Set Name: riseadult\_exitform.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	RISE_REPOSITORY_ID	Char	9			RISE Repository ID
2	VISIT	Char	3	\$F3.	\$F3.	Study Visit
3	EXBDIFSPEC	Char	25	\$25.	\$25.	Specify:
4	EXDMETPLACTK	Char	2	\$2.	\$2.	Would you consider taking metformin for a longer time period if recommended by your doctor? (Metformin/Placebo Ppts)
5	EXEMOTIV	Char	299	\$299.	\$299.	What motivated you to join the RISE study?
6	EXELIKE	Char	287	\$287.	\$287.	What did you like best about participating in the RISE study?
7	EXEDISLIKE	Char	237	\$237.	\$237.	What did you dislike the most about the RISE study?
8	EXEADDCOMM	Char	268	\$268.	\$268.	Please share any additional comments about the RISE study.
9	EXACARE	Num	8	BEST12.	F12.	I received good care for my diabetes or prediabetes.
10	EXAFAM	Num	8	BEST12.	F12.	I had the support of my family or friends to participate in RISE.
11	EXAHELP	Num	8	BEST12.	F12.	I was part of a large study to learn more about diabetes and prediabetes and help others.
12	EXAHISTORY	Num	8	BEST12.	F12.	I have a history of diabetes in my family.
13	EXAMEDS	Num	8	BEST12.	F12.	I received free diabetes medicines and supplies.
14	EXAMOTIV	Num	8	BEST12.	F12.	I am motivated to take care of my health.
15	EXAPAID	Num	8	BEST12.	F12.	I was paid to come to RISE visits.
16	EXATESTS	Num	8	BEST12.	F12.	I received medical tests and procedures.
17	EXATRUST	Num	8	BEST12.	F12.	I have a longstanding and trusting relationship with my RISE medical team.
18	EXBDIF	Num	8	BEST12.	F12.	I had a different problem (write in):
19	EXBDISAP	Num	8	BEST12.	F12.	I worried that the RISE study team will be disappointed in how I am taking care of my diabetes.
20	EXBMEDPR	Num	8	BEST12.	F12.	Other medical problems made it hard to take care of my diabetes or prediabetes.
21	EXBMEDS	Num	8	BEST12.	F12.	I did not like taking the RISE medications.
22	EXBMJRPROB	Num	8	BEST12.	F12.	I did not consider my diabetes/prediabetes to be a major problem in my life.
23	EXBSCHED	Num	8	BEST12.	F12.	I had conflicts with school, work, or family responsibilities and it was difficult to schedule visits.
24	EXBSMBG	Num	8	BEST12.	F12.	I did not like testing my blood sugar. (Leave blank if not applicable)
25	EXBSTAFF	Num	8	BEST12.	F12.	I had a hard time interacting with the RISE study staff.
26	EXBTALK	Num	8	BEST12.	F12.	I didn't want to talk or think about my health.
27	EXBTIME	Num	8	BEST12.	F12.	I had difficulty with the length and time of RISE study visits.
28	EXBTRANSP	Num	8	BEST12.	F12.	I had difficulty getting to RISE study visits due to problems with transportation, or weather problems.
29	EXBTSTQST	Num	8	BEST12.	F12.	I did not like the testing and being asked so many questions.
30	EXCANOTHER	Num	8	F1.	F1.	Based on your experience with RISE, would you participate in another research study?
31	EXCANOTHER2	Num	8	F1.	F1.	Would you consider participating in another research study?

Num	Variable	Type	Len	Format	Informat	Label
32	EXCANOTHWHY	Num	8	BEST12.	F12.	If NO, please select the primary reason that you would not participate in another research study from the list below.
33	EXCEXPL	Num	8	F1.	F1.	Did you feel the study requirements were adequately explained before starting the study?
34	EXCFIRST	Num	8	F1.	F1.	Is this the first research study in which you have participated?
35	EXCGAIN	Num	8	F1.	F1.	Do you feel that you gained anything personally from participation in the study?
36	EXDGLGLRGMET	Num	8	F1.	F1.	Would you consider taking insulin glargine for a longer time period if recommended by your doctor? (Glargine followed by metformin ppts)
37	EXDGLMETTAKE	Num	8	F1.	F1.	Would you consider taking metformin for a longer time period if recommended by your doctor? (Glargine followed by metformin ppts)
38	EXDLIRATAKE	Num	8	F1.	F1.	Would you consider taking liraglutide for a longer time period if recommended by your doctor? (liraglutide ppts)
39	EXDLIRMETTAK	Num	8	F1.	F1.	Would you consider taking metformin for a longer time period if recommended by your doctor? (liraglutide ppts)
40	EXDMETPLACT0	Num	8	F1.	F1.	Would you consider taking metformin for a longer time period if recommended by your doctor? (Metformin/Placebo Ppts)
41	EXDMETTAKE	Num	8	F1.	F1.	Would you consider taking metformin for a longer time period if recommended by your doctor? (metformin alone ped ppts)
42	EXLRGPILLS	Num	8	BEST12.	F12.	I thought the pills were too large.
43	EXMEDSGEN	Num	8	BEST12.	F12.	I do not like taking medications in general.
44	EXNEEDLE	Num	8	BEST12.	F12.	I dislike using needles.
45	EXSIDEFX	Num	8	BEST12.	F12.	The medication caused side effects (stomach issues, headaches, etc).
46	EXWGHT	Num	8	BEST12.	F12.	The medication caused me to gain weight.
47	DAYSRAND	Num	8			Days since RISE Randomization

**Data Set Name: riseadult\_history.sas7bdat**

Num	Variable	Type	Len	Format	Label
1	RISE_REPOSITORY_ID	Char	9		RISE Repository ID
2	VISIT	Char	3		Study Visit
3	HIADULTS	Num	8	2.	Adults 18 and older
4	HIAGELAST	Num	8	2.	How old was she at her last period?
5	HIBIRTHDK	Num	8	1.	Don't know birth weight
6	HIBIRTHGRM	Num	8	4.	participant's birth weight in grams
7	HIBIRTHLBS	Num	8	2.	Participants Birth weight pounds
8	HIBIRTHOZ	Num	8	2.	Participant's birth weight ounces
9	HIDEPRESS	Num	8	1.	Depression
10	HIFATS	Num	8	1.	Any lipid abnormality
11	HIHEART	Num	8	1.	Heart disease
12	HIHIGHBP	Num	8	1.	High blood pressure
13	HIHOUSE	Num	8	2.	Total (Adults plus children)
14	HIINCOME	Num	8		total income of household
15	HIKIDS	Num	8	2.	Children (<18 years)
16	HIMENST	Num	8		participant still menstruating?
17	HIMOMDIA	Num	8		participant's monther ever diagnosed with diabetes?
18	HIPCOS	Num	8	1.	Polycystic ovaries?
19	HIPERAGE	Num	8	2.	Age when periods began
20	HIPERIOD	Num	8		Has the participant had her first period?
21	HIPERNUM	Num	8	2.	Number of periods in the past 12 months
22	HIPRGDIAAWAY	Num	8		diabetes go away after the participant was born?
23	HIPRGDIAOTH	Num	8		ppt's monther have diabetes during other pregnant?
24	HIPRGDIAPPT	Num	8		ppt's monther have diabetes when pregnant with ppt?
25	HISCHOOL	Num	8		Highest degree or level of school
26	HISLEEP	Num	8	1.	Sleep apnea
27	DAYSRAND	Num	8		Days since RISE Randomization

**Data Set Name: riseadult\_loclab.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Format</b>	<b>Label</b>
1	RISE_REPOSITORY_ID	Char	9		RISE Repository ID
2	VISIT	Char	3		Study Visit
3	LOALT	Num	8	5.1	ALT
4	LOHBA1C	Num	8	4.1	HbA1c (if processed locally, see note above)
5	LOHEMAT	Num	8	4.1	Hematocrit
6	LOHEMOG	Num	8	4.1	Hemoglobin
7	LOSERCRT	Num	8	3.1	Serum creatinine
8	DAYSRAND	Num	8		Days since RISE Randomization

**Data Set Name: riseadult\_ogtt.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	RISE_REPOSITORY_ID	Char	9			RISE Repository ID
2	VISIT	Char	3			Study Visit
3	OGGLEN1	Char	3	\$3.	\$3.	Time glucose consumption ended minutes
4	OGCOMPLETE	Num	8			OGTT completed/with/without problem
5	OGDRAW10M	Num	8	3.		Time 10 min sample drawn minutes
6	OGDRAW10S	Num	8	2.		Time 10 min sample drawn seconds
7	OGDRAW120M	Num	8	3.		Time 120 min sample drawn minutes
8	OGDRAW120S	Num	8	2.		Time 120 min sample drawn seconds
9	OGDRAW150M	Num	8	3.		Time 150 min sample drawn minutes
10	OGDRAW150S	Num	8	2.		Time 150 min sample drawn seconds
11	OGDRAW180M	Num	8	3.		Time 180 min sample drawn minutes
12	OGDRAW180S	Num	8	2.		Time 180 min sample drawn seconds
13	OGDRAW20M	Num	8	3.		Time 20 min sample drawn minutes
14	OGDRAW20S	Num	8	2.		Time 20 min sample drawn seconds
15	OGDRAW30M	Num	8	3.		Time 30 min sample drawn minutes
16	OGDRAW30S	Num	8	2.		Time 30 min sample drawn seconds
17	OGDRAW60M	Num	8	3.		Time 60 min sample drawn minutes
18	OGDRAW60S	Num	8	2.		Time 60 min sample drawn seconds
19	OGDRAW90M	Num	8	3.		Time 90 min sample drawn minutes
20	OGDRAW90S	Num	8	2.		Time 90 min sample drawn seconds
21	OGFAST	Num	8	1.		Fasting finger-stick blood sugar elevated?
22	OGFSTTIME1	Num	8	TIME5.		Time of 1st fasting blood sample (-10 min)
23	OGFSTTIME2	Num	8	TIME5.		Time of 2nd fasting blood sample (-5 min)
24	OGGLUEND2	Num	8	2.		Time glucose consumption ended seconds
25	OGPREP	Num	8	1.		Participant prepared for the OGTT?
26	OGPROBWHY	Num	8			Why OGTT "completed with problem" or "not completed"?
27	DAYSRAND	Num	8			Days since RISE Randomization

**Data Set Name: riseadult\_ogttdata.sas7bdat**

Num	Variable	Type	Len	Label
1	RISE_REPOSITORY_ID	Char	9	RISE Repository ID
2	VISIT	Char	3	Study Visit
3	gluc120	Num	8	OGTT Glucose 120 min (mg/dl)
4	gluc_10	Num	8	OGTT Glucose -10 min (mg/dl)
5	gluc_05	Num	8	OGTT Glucose -5 min (mg/dl)
6	gluc010	Num	8	OGTT Glucose 10 min (mg/dl)
7	gluc020	Num	8	OGTT Glucose 20 min (mg/dl)
8	gluc030	Num	8	OGTT Glucose 30 min (mg/dl)
9	gluc060	Num	8	OGTT Glucose 60 min (mg/dl)
10	gluc090	Num	8	OGTT Glucose 90 min (mg/dl)
11	gluc150	Num	8	OGTT Glucose 150 min (mg/dl)
12	gluc180	Num	8	OGTT Glucose 180 min (mg/dl)
13	ins_10	Num	8	OGTT Insulin -10 min (uU/ml)
14	ins_05	Num	8	OGTT Insulin -5 min (uU/ml)
15	ins010	Num	8	OGTT Insulin 10 min (uU/ml)
16	ins020	Num	8	OGTT Insulin 20 min (uU/ml)
17	ins030	Num	8	OGTT Insulin 30 min (uU/ml)
18	ins060	Num	8	OGTT Insulin 60 min (uU/ml)
19	ins090	Num	8	OGTT Insulin 90 min (uU/ml)
20	ins120	Num	8	OGTT Insulin 120 min (uU/ml)
21	ins150	Num	8	OGTT Insulin 150 min (uU/ml)
22	ins180	Num	8	OGTT Insulin 180 min (uU/ml)
23	cpep_10	Num	8	OGTT C-peptide -10 min (ng/mL)
24	cpep_05	Num	8	OGTT C-peptide -5 min (ng/mL)
25	cpep010	Num	8	OGTT C-peptide 10 min (ng/mL)
26	cpep020	Num	8	OGTT C-peptide 20 min (ng/mL)
27	cpep030	Num	8	OGTT C-peptide 30 min (ng/mL)
28	cpep060	Num	8	OGTT C-peptide 60 min (ng/mL)
29	cpep090	Num	8	OGTT C-peptide 90 min (ng/mL)
30	cpep120	Num	8	OGTT C-peptide 120 min (ng/mL)
31	cpep150	Num	8	OGTT C-peptide 150 min (ng/mL)
32	cpep180	Num	8	OGTT C-peptide 180 min (ng/mL)
33	glucagon030	Num	8	OGTT Glucagon 30 min (pM/L)
34	glucagon060	Num	8	OGTT Glucagon 60 min (pM/L)
35	glucagon090	Num	8	OGTT Glucagon 90 min (pM/L)
36	glucagon150	Num	8	OGTT Glucagon 150 min (pM/L)
37	glucagon180	Num	8	OGTT Glucagon 180 min (pM/L)



<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
38	glucagon_10	Num	8	OGTT Glucagon -10 min (pM/L)
39	glucagon_05	Num	8	OGTT Glucagon -5 min (pM/L)
40	glucagon010	Num	8	OGTT Glucagon 10 min (pM/L)
41	glucagon020	Num	8	OGTT Glucagon 20 min (pM/L)
42	glucagon120	Num	8	OGTT Glucagon 120 min (pM/L)
43	IGI	Num	8	IGI, early insulin response
44	CPGI	Num	8	CPGI, Early cpeptide response

**Data Set Name: riseadult\_otherlabdata.sas7bdat**

Num	Variable	Type	Len	Label
1	RISE_REPOSITORY_ID	Char	9	RISE Repository ID
2	VISIT	Char	3	Study Visit
3	HbA1c	Num	8	HbA1c (%)
4	LDL	Num	8	LDL (mg/dL)
5	HDL	Num	8	HDL (mg/dL)
6	Chol	Num	8	Cholesterol (mg/dL)
7	Trig	Num	8	Triglycerides (mg/dL)
8	VLDL	Num	8	VLDL (mg/dL)

**Data Set Name: riseadult\_runend.sas7bdat**

Num	Variable	Type	Len	Format	Label
1	RISE_REPOSITORY_ID	Char	9		RISE Repository ID
2	VISIT	Char	3		Study Visit
3	BIRDEF	Num	8	1.	Congenital abnormality or birth defect?
4	DISABILITY	Num	8	1.	Permanent or severe disability?
5	HOSPITAL	Num	8	1.	Required or prolonged hospitalization?
6	OTHMED	Num	8	1.	Other serious medical event?
7	OVERDOSE	Num	8	1.	Overdose of study medication?
8	PREG	Num	8	1.	Pregnant?
9	PREVENT	Num	8	1.	Intervention to prevent an SAE
10	READHERE	Num	8	1.	Ppt meet adherence criteria?
11	REDEMONST	Num	8	1.	successfully demonstrate injection?
12	REDIAMED	Num	8	1.	Ppt used any diabetes medication
13	REHYPONUM	Num	8	2.	How many episodes of mild hypoglycemia?
14	REILLEXCL	Num	8	1.	New illnesses exclusionary?
15	REINJCTADHR	Num	8		Calculated medication adherence
16	RELOWBS	Num	8	1.	Episode(s) of low blood sugar?
17	REMEDEXCL	Num	8	1.	Any new meds exclusionary?
18	REMET	Num	8	1.	Pediatric, ppt on metformin?
19	REMETADHERE	Num	8	3.	Percent of expected pills taken
20	REMETDOSE	Num	8	4.	Current metformin dose
21	REMILDHYP	Num	8	1.	Repeated mild hypoglycemia?
22	RENEWILL	Num	8	1.	Diagnosed with new illness?
23	RENEWMED	Num	8	1.	Taking new medications?
24	REOTHER	Num	8	1.	Other clinically important symptoms?
25	RERUNINJCT	Num	8	1.	Ppt taken run-in liraglutide placebo?
26	RERUNMET	Num	8	1.	Ppt taken run-in metforminn?
27	RESKINRASH	Num	8	1.	Skin rashes?
28	RESTOMACH	Num	8	1.	Stomach/GI problems?
29	RESYMP	Num	8	1.	Symptoms of diabetes out of control?
30	RESYRINGE	Num	8	1.	Number of returned pens
31	REWEEKS	Num	8	1.	Total weeks of run-in
32	SEVHYPO	Num	8	1.	Episode of severe hypoglycemia?
33	THREAT	Num	8	1.	Life-threatening event?
34	DAYSRAND	Num	8		Days since RISE Randomization

**Data Set Name: riseadult\_runstart.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	RISE_REPOSITORY_ID	Char	9			RISE Repository ID
2	VISIT	Char	3			Study Visit
3	RSHYPONUM	Char	2	\$2.	\$2.	Number of mild hypoglycemia episodes
4	BIRDEF	Num	8	1.		pregnancy resulting in abnormally or defect
5	DISABILITY	Num	8	1.		Permanent or severe diability?
6	HOSPITAL	Num	8	1.		Required or prolonged hospitalization?
7	OTHMED	Num	8	1.		Other serious medical event?
8	OVERDOSE	Num	8	1.		overdose?
9	PREG	Num	8	1.		Pregnant?
10	PREVENT	Num	8	1.		Intervention to prevent an SAE?
11	RSDIAMED	Num	8	1.		Any diabetes meds since last visit?
12	RSILLEXCL	Num	8	1.		New illnesses exclusionary?
13	RSINJCTDISP	Num	8	1.		run-in injection placebo dispensed?
14	RSLOWBS	Num	8	1.		Episodes of low blood sugar?
15	RSMEDXCL	Num	8	1.		Are new meds exclusionary?
16	RSMET	Num	8	1.		Participant on metformin?
17	RSMETACDISP	Num	8	1.		Active metformin dispensed?
18	RSMETDOSE	Num	8	4.		Current metformin dose
19	RSMETPLDISP	Num	8	1.		run-in metformin dispensed?
20	RSMILDHYP	Num	8	1.		repeated mild hypoglycemia?
21	RSNEWILL	Num	8	1.		Ppt diagnosed with new illness?
22	RSNEWMED	Num	8	1.		Participant taking new meds?
23	RSOTHER	Num	8	1.		Other clinically important symptoms?
24	RSSKINRASH	Num	8	1.		Skin rashes?
25	RSSTOMACH	Num	8	1.		Stomach problems?
26	RSSYMP	Num	8	1.		Diabetes symptoms out of control?
27	SEVHYPO	Num	8	1.		Severe hypoglycemia
28	THREAT	Num	8	1.		acute life-threatening event?
29	DAYSRAND	Num	8			Days since RISE Randomization

**Data Set Name: riseadult\_screen.sas7bdat**

Num	Variable	Type	Len	Format	Label
1	RISE_REPOSITORY_ID	Char	9		RISE Repository ID
2	VISIT	Char	3		Study Visit
3	DBP	Num	8	3.	blood pressure diastolic
4	HEIGHT1	Num	8	5.1	Height Measurement 1
5	HEIGHT2	Num	8	5.1	Height Measurement 2
6	HEIGHT3	Num	8	5.1	Height Measurement 3
7	SBP	Num	8	3.	BP reading
8	SC2HRTIMEM	Num	8	3.	Time of 2 hour blood sample-minutes
9	SC2HRTIMES	Num	8	2.	Time of 2 hour blood sample-seconds
10	SCABLE	Num	8	1.	Ppt willing and able to participate
11	SCAGEELIG	Num	8	1.	Age 20-65 years if adult or 10-19 years if pediatric?
12	SCALLERGY	Num	8	1.	Allergies or adverse drug reactions
13	SCALT	Num	8	5.1	ALT Value
14	SCALTELIG	Num	8	1.	ALT Eligible?
15	SCBEHAV	Num	8	1.	Meet all behavioral eligibility criteria?
16	SCBMI	Num	8	4.1	BMI
17	SCBMI2540	Num	8	1.	BMI >= 25 kg/m2 and <= 50 kg/m2?
18	SCBMIPERC	Num	8	4.1	85th percentile for age and sex
19	SCBPELIG	Num	8	1.	Is participant eligible based on blood pressure?
20	SCBRST	Num	8	1.	Breast Tanner stage
21	SCCONSENT	Num	8	1.	Were informed consent/assent signed and dated?
22	SCCREAT	Num	8	3.1	Serum creatinine value
23	SCCREATELIG	Num	8	1.	Serum creatinine eligible?
24	SCDIABET	Num	8	1.	Does this participant have diabetes?
25	SCDIAMED	Num	8	1.	participant ever used any other diabetes medication?
26	SCELIG	Num	8	1.	Ppt meets eligibility for run-in
27	SCEXCLSRX	Num	8	1.	participant taking any exclusionary medications?
28	SCFAST150	Num	8	1.	Fasting finger-stick blood sugar >150 adults >200 peds?
29	SCFASTTIME	Num	8	TIME5.	Time of fasting blood sample
30	SCGLUENDM	Num	8	3.	Time glucose consumption ended (minutes)
31	SCGLUENDS	Num	8	2.	Time glucose consumption ended (seconds)
32	SCHGB	Num	8	4.1	Hemoglobin Value
33	SCHGBELIG	Num	8	1.	Hemoglobin Eligible?
34	SCINSUL	Num	8	1.	Has the participant ever used insulin?
35	SCINSULDUR	Num	8	1.	participant ever used insulin > 1 week?
36	SCLABELIG	Num	8	1.	Ppt meets lab eligibility?
37	SCLEAVE	Num	8	1.	Likely leave area within 2 years

Num	Variable	Type	Len	Format	Label
38	SCMBI8540	Num	8	1.	BMI >85th percentile and <= 50 kg/m2
39	SCMEDCON	Num	8	1.	Participant have any exclusionary medical conditions?
40	SCMET	Num	8	1.	participant ever used metformin?
41	SCMETDUR	Num	8		months of metformin
42	SCOGTTCOMPL	Num	8		The OGTT was:
43	SCOGTTWHY	Num	8		Why was OGTT not completed/with problem?
44	SCOSTUDY	Num	8	1.	Participated in another study
45	SCPOCHBAC	Num	8	4.1	Screen Local HbA1c value
46	SCPOCTYPE	Num	8		Type of measurement
47	SCPOTAS	Num	8	3.1	Serum potassium value
48	SCPOTASELIG	Num	8	1.	Serum potassium eligible?
49	SCPREP	Num	8	1.	Prepared for OGTT?
50	SCPREPOC	Num	8	4.1	Pre-Screening local HbA1c Value
51	SCPROCEED	Num	8	1.	Ppt proceed to run-in?
52	SCREFER	Num	8		How was the participant referred to the study?
53	SCSEX	Num	8		Sex
54	SCT2DDU	Num	8	1.	Duration since diabetes diagnosis <1 year for adults and < 6 months for children?
55	SCTANNER	Num	8	1.	Tanner stage eligible?
56	SCTESTVOL	Num	8	2.	Testicular volume
57	SCTRIG	Num	8	4.	Triglycerides Value
58	SCTRIGELIG	Num	8	1.	Triglycerides eligible?
59	SCTSH	Num	8	5.2	TSH Value
60	SCTSHELIG	Num	8	1.	TSH eligible?
61	SCUPT	Num	8		Urine Pregnancy Test
62	WEIGHT1	Num	8	5.1	Weight Measurement 1
63	WEIGHT2	Num	8	5.1	Weight Measurement 2
64	WEIGHT3	Num	8	5.1	Weight Measurement 3
65	DAYSRAND	Num	8		Days since RISE Randomization

**Data Set Name: riseadult\_slpq\_adu.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	RISE_REPOSITORY_ID	Char	9			RISE Repository ID
2	VISIT	Char	3			Study Visit
3	PSBED	Char	15	\$15.	\$15.	PSQI Usual Bed Time (version 1 only)
4	PSWAKE	Char	15	\$15.	\$15.	PSQI Waking Time (version 1 only)
5	PSBEDWORK	Char	15	\$15.	\$15.	PSQI Usual Bed Time Workday/Weekday (v2 only)
6	PSBEDOFF	Char	15	\$15.	\$15.	PSQI Usual Bed Time OffDay/Weekend (v2 only)
7	PSWAKEOFF	Char	15	\$15.	\$15.	PSQI Waking Time OffDay/Weekend (v2 only)
8	PSOVRQUAL	Char	6	\$6.	\$6.	PSQI Overall Sleep Quality
9	VERSION	Char	2	\$2.	\$2.	PSQI Version Number
10	PSWAKEWRK	Char	15	\$15.	\$15.	PSQI Waking Time Workday/Weekday (v2 only)
11	EMPLOYED	Char	3	\$3.	\$3.	Employed?
12	SHFTWRK	Char	3	\$3.	\$3.	Shift Worker?
13	OVRNGHT	Char	3	\$3.	\$3.	Overnight Shifts?
14	STRT6AM	Char	3	\$3.	\$3.	Start work before 6am
15	ROTATE	Char	3	\$3.	\$3.	Rotating night and day shifts
16	BERLIN	Num	8			Berlin Risk
17	CHRNTYP	Num	8	5.2		Chronotype
18	EPWORTH	Num	8	4.1		Epworth Sum
19	PSCOMDAYDYS	Num	8	1.		PSQI Component Daytime Dysfunction
20	PSCOMDISTUR	Num	8	1.		PSQI Component Sleep Disturbances
21	PSCOMDURA	Num	8	2.		PSQI Component Sleep Duration
22	PSCOMEFFIC	Num	8	1.		PSQI Component Habitual Sleep Efficiency
23	PSCOMLATEN	Num	8	1.		PSQI Component Sleep Latency
24	PSCOMMEDS	Num	8	1.		PSQI Component Use of Sleeping Medication
25	PSCOMQUAL	Num	8	3.1		PSQI Component Subjective Sleep Quality
26	PSDURA	Num	8	5.2		PSQI Habitual Sleep Duration
27	PSGLOBAL	Num	8	4.1		PSQI Global Score
28	PSLATEN	Num	8	5.1		PSQI Sleep Latency
29	PSSLPEFF	Num	8	6.2		PSQI Sleep Efficiency
30	SLPDEBT	Num	8	6.2		Sleep Debt
31	SOCJETLAG	Num	8	6.2		Social Jet Lag
32	DAYSRAND	Num	8			Days since RISE Randomization

**Data Set Name: riseadult\_smbg.sas7bdat**

Num	Variable	Type	Len	Format	Label
1	RISE_REPOSITORY_ID	Char	9		RISE Repository ID
2	VISIT	Char	3		Study Visit
3	SMCOMPL	Num	8	3.	Self-monitoring compliance
4	SMFBG1112	Num	8	3.	9. Weeks 11 & 12[;]a. Mean Fasting Blood G
5	SMFBG12	Num	8	3.	4. Weeks 1 & 2[;]a. Mean Fasting Blood G
6	SMFBG1314	Num	8	3.	10. Weeks 13 & 14[;]a. Mean Fasting Blood G
7	SMFBG34	Num	8	3.	5. Weeks 3 & 4[;]a. Mean Fasting Blood G
8	SMFBG56	Num	8	3.	6. Weeks 5 & 6[;]a. Mean Fasting Blood G
9	SMFBG78	Num	8	3.	7. Weeks 7 & 8[;]a. Mean Fasting Blood G
10	SMFBG910	Num	8	3.	8. Weeks 9 & 10[;]a. Mean Fasting Blood G
11	SMLOWBS1112	Num	8	2.	9. Weeks 11 & 12[;]c. Total number of days
12	SMLOWBS12	Num	8	2.	4. Weeks 1 & 2[;]c. Total number of days
13	SMLOWBS1314	Num	8	2.	10. Weeks 13 & 14[;]c. Total number of days
14	SMLOWBS34	Num	8	2.	5. Weeks 3 & 4[;]c. Total number of days
15	SMLOWBS56	Num	8	2.	6. Weeks 5 & 6[;]c. Total number of days
16	SMLOWBS78	Num	8	2.	7. Weeks 7 & 8[;]c. Total number of days
17	SMLOWBS910	Num	8	2.	8. Weeks 9 & 10[;]c. Total number of days
18	SMSD1112	Num	8	2.	9. Weeks 11 & 12[;]b. Standard Deviation
19	SMSD12	Num	8	2.	4. Weeks 1 & 2[;]b. Standard Deviation
20	SMSD1314	Num	8	2.	10. Weeks 13 & 14[;]b. Standard Deviation
21	SMSD34	Num	8	2.	5. Weeks 3 & 4[;]b. Standard Deviation
22	SMSD56	Num	8	2.	6. Weeks 5 & 6[;]b. Standard Deviation
23	SMSD78	Num	8	2.	7. Weeks 7 & 8[;]b. Standard Deviation
24	SMSD910	Num	8	2.	8. Weeks 9 & 10[;]b. Standard Deviation
25	DAYSRAND	Num	8		Days since RISE Randomization



**Data Set Name: riseadult\_status.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	RISE_REPOSITORY_ID	Char	9			RISE Repository ID
2	VISIT	Char	3			Study Visit
3	STOTHSPEC	Char	15	\$15.	\$15.	If "Other," specify:
4	STADDINFO	Char	100	\$100.	\$100.	Additional Information:
5	STLASTVIS	Char	3	\$3.	\$3.	Last study visit completed (e.g. M09, M12, M15, etc)
6	STSTATUS	Num	8	BEST12.	F12.	Updated status
7	STWHY	Num	8	BEST12.	F12.	Primary reason for status change
8	DAYSRAND	Num	8			Days since RISE Randomization

**Data Set Name: riseadult\_ unsched.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	RISE_REPOSITORY_ID	Char	9			RISE Repository ID
2	VISIT	Char	3			Study Visit
3	UNOTHSPEC	Char	128	\$128.	\$128.	If "Other," specify:
4	UNADDCOM	Char	200	\$200.	\$200.	Additional comments about the unscheduled visit:
5	BIRDEF	Num	8			Pregnancy resulting in congenital anomaly or birth defect?
6	DISABILITY	Num	8			Permanent or severe disability?
7	HOSPITAL	Num	8			Required or prolonged hospitalization?
8	OTHMED	Num	8			Other serious medical event?
9	OVERDOSE	Num	8			Overdose of a Study/ medication?
10	PREG	Num	8			Pregnant?
11	PREVENT	Num	8			Required intervention to prevent permanent impairment or damage?
12	SEVHYPO	Num	8			An episode of hypoglycemia that required help from someone else to bring the blood sugar back to normal? (e.g. due to loss of consciousness, confusion or severe lethargy)
13	THREAT	Num	8			Any acute life-threatening event?
14	UNCBL	Num	8			Collection of laboratory specimen
15	UNGLRGDISP	Num	8	1.		Was insulin glargine dispensed at this visit?
16	UNGLRGNUM	Num	8	2.		Number of pens:
17	UNILL	Num	8			Interim illness
18	UNLIRADISP	Num	8	1.		Was liraglutide dispensed at this visit?
19	UNLIRANUM	Num	8	1.		Number of pens:
20	UNLOCATION	Num	8			Visit Location
21	UNMEDDISP	Num	8			Was medication dispensed in person or by mail?
22	UNMEDMGT	Num	8			Study medication or supply management
23	UNMEDRSN	Num	8			Select primary reason for study medication or supply management:
24	UNMETDISP	Num	8	1.		Was metformin/placebo dispensed at this visit?
25	UNMETNUM	Num	8	1.		Number of bottles:
26	UNOTH	Num	8			Other
27	UNSAE	Num	8			Serious adverse event
28	UNTEMPINS	Num	8			Temporary insulin use
29	DAYSRAND	Num	8			Days since RISE Randomization

**Data Set Name: riseadult\_visit.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	RISE_REPOSITORY_ID	Char	9			RISE Repository ID
2	VISIT	Char	3			Study Visit
3	VIOSPEC1	Char	15	\$15.	\$15.	If other, specify (antihypertensives)
4	VIWGHTSPEC	Char	2	\$2.	\$2.	If other, specify (weight loss)
5	VIOSPEC2	Char	15	\$15.	\$15.	If other, specify (lipid lowering)
6	VIOSPEC3	Char	15	\$15.	\$15.	If other, specify (diabetes meds)
7	VIBCOSPEC	Char	25	\$25.	\$25.	If other, specify:
8	VIOTHSPEC	Char	30	\$30.	\$30.	If "Other," specify:
9	BIRDEF	Num	8	1.		Pregnancy w/ congenital abnormality or birth defect?
10	DISABILITY	Num	8	1.		Permanent or severe disability?
11	GLARG1	Num	8	1.		a. Permanently discontinued study medication[;]Glargine
12	GLARG10	Num	8	1.		j. Size of pill is a problem[;]Glargine
13	GLARG11	Num	8	1.		k. Other[;]Glargine
14	GLARG12	Num	8	1.		l. No specific reason given[;]Glargine
15	GLARG2	Num	8	1.		b. Temporarily stopped study medication due to intercurrent illness[;]Glargine
16	GLARG3	Num	8	1.		c. Forgets to take study medication in general[;]Glargine
17	GLARG4	Num	8	1.		d. GI reaction to medication[;]Glargine
18	GLARG5	Num	8	1.		e. Believes medication causes weight gain or other side effect[;]Glargine
19	GLARG6	Num	8	1.		f. Disruption of regular routine or travel[;]Glargine
20	GLARG7	Num	8	1.		g. Depressed mood or other psychiatric issue[;]Glargine
21	GLARG8	Num	8	1.		h. Lost/misplaced study medication[;]Glargine
22	GLARG9	Num	8	1.		i. Dislikes using needles[;]Glargine
23	HEIGHT1	Num	8	5.1		Height Measure 1
24	HEIGHT2	Num	8	5.1		Height Measure 2
25	HEIGHT3	Num	8	5.1		Height Measure 3
26	HIP1	Num	8	5.1		Hip circumference 1
27	HIP2	Num	8	5.1		Hip circumference 2
28	HIP3	Num	8	5.1		Hip circumference 3
29	HOSPITAL	Num	8	1.		Required or prolonged hospitalization?
30	LIRA1	Num	8	1.		a. Permanently discontinued study medication[;]Liraglutide
31	LIRA10	Num	8	1.		j. Size of pill is a problem[;]Liraglutide
32	LIRA11	Num	8	1.		k. Other[;]Liraglutide
33	LIRA12	Num	8	1.		l. No specific reason given[;]Liraglutide
34	LIRA2	Num	8	1.		b. Temporarily stopped study medication due to intercurrent illness[;]Liraglutide
35	LIRA3	Num	8	1.		c. Forgets to take study medication in general[;]Liraglutide

Num	Variable	Type	Len	Format	Informat	Label
36	LIRA4	Num	8	1.		d. GI reaction to medication[;]Liraglutide
37	LIRA5	Num	8	1.		e. Believes medication causes weight gain or other side effect[;]Liraglutide
38	LIRA6	Num	8	1.		f. Disruption of regular routine or travel[;]Liraglutide
39	LIRA7	Num	8	1.		g. Depressed mood ot other psychiatric issue[;]Liraglutide
40	LIRA8	Num	8	1.		h. Lost/misplaced study medication[;]Liraglutide
41	LIRA9	Num	8	1.		i. Dislikes using needles[;]Liraglutide
42	METFORM1	Num	8	1.		a. Permanently discontinued study medication[;] Metformin
43	METFORM10	Num	8	1.		j. Size of pill is a problem[;] Metformin
44	METFORM11	Num	8	1.		k. Other[;] Metformin
45	METFORM12	Num	8	1.		l. No specific reason given[;] Metformin
46	METFORM2	Num	8	1.		b. Temporarily stopped study medication due to intercurrent illness[;] Metformin
47	METFORM3	Num	8	1.		c. Forgets to take study medication in general[;] Metformin
48	METFORM4	Num	8	1.		d. GI reaction to medication[;] Metformin
49	METFORM5	Num	8	1.		e. Believes medication causes weight gain or other side effect[;] Metformin
50	METFORM6	Num	8	1.		f. Disruption of regular routine or travel[;] Metformin
51	METFORM7	Num	8	1.		g. Depressed mood ot other psychiatric issue[;] Metformin
52	METFORM8	Num	8	1.		h. Lost/misplaced study medication[;] Metformin
53	METFORM9	Num	8	1.		i. Dislikes using needles[;] Metformin
54	OVERDOSE	Num	8	1.		Overdose of study medication?
55	OVERNIGHT	Num	8	1.		Other serious medical event?
56	PREG	Num	8	1.		Pregnant?
57	PREVENT	Num	8	1.		Prevent a serious adverse event?
58	SEVHYPO	Num	8	1.		Episode of severe hypoglycemia
59	THREAT	Num	8	1.		Any acute life-threatening event?
60	VIACE	Num	8	1.		ACE inhibitor
61	VIANIHYP	Num	8	1.		Antihypertensives?
62	VIARB	Num	8	1.		ARB
63	VIBETA	Num	8	1.		Beta Blocker
64	VICNTRCPT	Num	8	1.		Do you use contraception?
65	VIDIABP	Num	8	3.		Blood Pressure Reading Diastolic
66	VIDIAMED	Num	8	1.		Diabetes medication
67	VIDIURET	Num	8	1.		Diuretic
68	VIDPP4	Num	8	1.		Metformin
69	VIEXENLIRA	Num	8	1.		Exenatide or liraglutide
70	VIFIBRATE	Num	8	1.		Fibrate
71	VIGLRADHER	Num	8	1.		Ppt supposed to take glargine?
72	VIGLRDOSE	Num	8	3.		Current dose of glargine

Num	Variable	Type	Len	Format	Informat	Label
73	VIGLRDOSENUM	Num	8	3.		Variable removed from form
74	VIGLRGDISP	Num	8	1.		variable removed from form
75	VIGLRGNUM	Num	8	1.		variable removed from form
76	VIGLRPERC	Num	8			Percent of expected insulin glargine taken
77	VIGLRRET	Num	8	1.		Ppt return glargine pens?
78	VIGLRSELF	Num	8			Glargine self report percentage
79	VIHORMCON	Num	8	1.		Hormonal contraception
80	VIHYPONUM	Num	8	2.		Number episodes of mild hypoglycemia
81	VIINHALE	Num	8	1.		Inhaled steroids
82	VIINJECT	Num	8	1.		Injection steroids
83	VIINSUL	Num	8	1.		Insulin
84	VILIPLOW	Num	8	1.		Lipid lowering medications?
85	VILIRADHER	Num	8	1.		Ppt supposed to take liraglutide?
86	VILIRADISP	Num	8	1.		Liraglutide dispensed at this visit?
87	VILIRANUM	Num	8	1.		Number of pens (liraglutide)
88	VILIRARET	Num	8	1.		Ppt return liraglutide pens?
89	VILIRASELF	Num	8			Liraglutide self report percentage
90	VILIRDOSE	Num	8			Current dose of liraglutide
91	VILIRPERC	Num	8			Percent of expected liraglutide taken
92	VILOWBS	Num	8	1.		Episode(s) of low blood sugar?
93	VIMEDS	Num	8	1.		Taken any non-study meds?
94	VIMET	Num	8	1.		Metformin
95	VIMETADHER	Num	8	1.		Ppt supposed to take metformin?
96	VIMETDISP	Num	8	1.		metformin/placebo dispensed at this visit?
97	VIMETDOSE	Num	8			Current dose of metformin
98	VIMETNUM	Num	8	1.		Number of bottles (metformin)
99	VIMETPERC	Num	8	3.		Percent of expected pills taken
100	VIMETRET	Num	8	1.		Ppt return metformin bottles
101	VIMETSELF	Num	8			Metformin self report percentage
102	VIMILDHYP	Num	8	1.		Repeated mild hypoglycemia?
103	VINIACIN	Num	8	1.		Niacin
104	VINOBABY	Num	8			What are you doing to avoid having a baby?
105	VIORALST	Num	8	1.		Oral steroids
106	VIOSTDAYS	Num	8	2.		Total days oral steroids used since last visit
107	VIOTH1	Num	8	1.		Other (antihypertensive)
108	VIOTH2	Num	8	1.		Other (lipid lowering)
109	VIOTH3	Num	8	1.		Other (diabetes meds)
110	VIOTHER	Num	8	1.		Other clinically important symptoms
111	VIPREGTEST	Num	8			Result of pregnancy test for females

Num	Variable	Type	Len	Format	Informat	Label
112	VIPSYCHO	Num	8	1.		Atypical psychotropics
113	VISEQEST	Num	8	1.		Bile acid sequestrant
114	VISKINRASH	Num	8	1.		Skin rashes?
115	VISTATIN	Num	8	1.		Statin
116	VISTER	Num	8	1.		Steroids?
117	VISTIM	Num	8	1.		Stimulants
118	VISTOMACH	Num	8	1.		Somach/GI problems?
119	VISULF	Num	8	1.		Sulfonylurea
120	VISYMP	Num	8	1.		Symptoms of diabetes out of control
121	VISYSBP	Num	8	3.		Blood Pressure Reading Systolic
122	VITHIAZ	Num	8	1.		Thiazolidinedione
123	VIWGHTLOSS	Num	8			Weight loss treatments?
124	WAIST1	Num	8	5.1		Waist Circumference 1
125	WAIST2	Num	8	5.1		Waist circumference 2
126	WAIST3	Num	8	5.1		Waist circumference 3
127	WEIGHT1	Num	8	5.1		Weight Measure 1
128	WEIGHT2	Num	8	5.1		Weight Measure 2
129	WEIGHT3	Num	8	5.1		Weight Measure 3
130	DAYSRAND	Num	8			Days since RISE Randomization