The SURVEYREG Procedure

Regression Analysis for Dependent Variable mean_sbp

Data Summary

Number of Observations	4327
Sum of Weights	189382543
Weighted Mean of mean_sbp	123.19089
Weighted Sum of mean_sbp	2.33302E10

Design Summary

Number of Strata	15
Number of Clusters	30

Fit Statistics

R-square	0.003038
Root MSE	18.5028
Denominator DF	15

Class Level Information

Class Variable	Label	Levels	Values
ANYCALSUP	Used any supplement calcium	2	No supp use Used any calcium supp

Tests of Model Effects

Effect	Num DF	F Value	Pr > F
Model	1	15.33	0.0014
Intercept	1	51042.6	<.0001
ANYCALSUP	1	15.33	0.0014

NOTE: The denominator degrees of freedom for the F tests is 15.

Estimated Regression Coefficients

Parameter	Estimate	Standard Error	t Value	Pr > |t|
Intercept	124.207691	0.44879477	276.76	<.0001
ANYCALSUP No supp use	-2.042356	0.52169521	-3.91	0.0014
ANYCALSUP Used any calcium supp	0.000000	0.00000000	.	.

NOTE: The denominator degrees of freedom for the t tests is 15.
Matrix X'WX is singular and a generalized inverse was used to solve the normal equations. Estimates are not unique.

The SURVEYREG Procedure

eligible=1

Domain Regression Analysis for Variable mean_sbp

Domain Summary

Number of Observations	4327
Number of Observations in Domain	4327
Number of Observations Not in Domain	0
Sum of Weights in Domain	189382543
Weighted Mean of mean_sbp	123.19089
Weighted Sum of mean_sbp	2.33302E10

Fit Statistics

R-square	0.003038
Root MSE	18.5028
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Fit Statistics

R-square	0.2717
Root MSE	15.8308
Denominator DF	15

Class Level Information

Class Variable	Label	Levels
RIAGENDR	Gender - Adjudicated	2
ANYCALSUP	Used any supplement calcium	2
RIDRETH1	Race/Ethnicity - Recode	5
bmicat		4

Class Level Information

Class Variable	Values
RIAGENDR	Female Male
ANYCALSUP	No supp use Used any calcium supp
RIDRETH1	Mex-Amer Non-hisp Black Non-hisp White Oth Hisp Other/Multi
bmicat	normal weight obese overweight underweight

Tests of Model Effects

Effect	Num DF	F Value	Pr > F
Model	10	758.58	<.0001
Intercept	1	9106.63	<.0001
ANYCALSUP	1	0.55	0.4702
RIAGENDR	1	36.66	<.0001
RIDRETH1	4	11.42	0.0002
RIDAGEYR	1	552.18	<.0001
bmicat	3	40.70	<.0001

NOTE: The denominator degrees of freedom for the F tests is 15.

Estimated Regression Coefficients

Parameter	Estimate	Standard Error	t Value	Pr > |t|
Intercept	94.7848477	1.84509658	51.37	<.0001
ANYCALSUP No supp use	0.4222415	0.56997137	0.74	0.4702
ANYCALSUP Used any calcium supp	0.0000000	0.00000000	.	.
RIAGENDR Female	-2.8986279	0.47870751	-6.06	<.0001
RIAGENDR Male	0.0000000	0.00000000	.	.
RIDRETH1 Mex-Amer	-3.6069662	1.66052826	-2.17	0.0463
RIDRETH1 Non-hisp Black	0.8714310	1.50474039	0.58	0.5711
RIDRETH1 Non-hisp White	-4.1706877	1.52635154	-2.73	0.0154
RIDRETH1 Oth Hisp	-2.4338248	2.51125746	-0.97	0.3478
RIDRETH1 Other/Multi	0.0000000	0.00000000	.	.
RIDAGEYR	0.5426025	0.02309086	23.50	<.0001

bmicat normal weight	5.5170760	0.84300421	6.54	<.0001
bmicat obese	10.4617962	1.02572588	10.20	<.0001
bmicat overweight	8.3541093	1.35800917	6.15	<.0001
bmicat underweight	0.0000000	0.00000000	.	.

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