

The SURVEYREG SUBGROUP Macro

Data Summary

Subpopulation : ridageyr >= 20
 Dependent Variable: bmx bmi

Total Observations	19759
Weight Sum: 278652243	
Subpopulation Observations	9471
Weight Sum: 198419259	
Subpopulation Nonmissing Observations	9064
Weight Sum: 191620428	
Subpopulation Missing Observations	407
Weight Sum: 6798831	
Number of Strata	28
Number of PSUs	57
Denominator Degrees of Freedom	29
R-square	0.95262
bmxbmi Mean	28.01928

Test of Model Effects

Subpopulation : ridageyr >= 20
 Dependent Variable: bmx bmi

Effect	Num DF	Wald F	Pr > F
Model	12.00	7923.89	0.0000
race	3.00	21.24	0.0000
age	2.00	13.02	0.0001
race*age	6.00	2.09	0.0858

Estimated Regression Coefficients

Subpopulation : ridageyr >= 20
 Dependent Variable: bmx bmi

Parameter	Estimate	Standard Error	t Value
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race 1	28.1929	0.1509	186.84
race 2	29.8891	0.3095	96.58
race 3	28.5680	0.3374	84.67
race 4	26.9836	0.5075	53.17
age 1	0.5913	0.6964	0.85
age 2	1.2047	0.4491	2.68
age 3	0.0000	0.0000	.
race*age 1 1	-1.8952	0.8013	-2.37
race*age 1 2	-0.9493	0.4870	-1.95
race*age 1 3	0.0000	0.0000	.
race*age 2 1	-1.5631	0.8130	-1.92
race*age 2 2	-1.0279	0.6264	-1.64
race*age 2 3	0.0000	0.0000	.
race*age 3 1	-1.6690	0.7616	-2.19
race*age 3 2	-0.1713	0.6245	-0.27
race*age 3 3	0.0000	0.0000	.
race*age 4 1	0.0000	0.0000	.
race*age 4 2	0.0000	0.0000	.
race*age 4 3	0.0000	0.0000	.

(Continued)

Estimated Regression Coefficients

Subpopulation : ridageyr >= 20
 Dependent Variable: bmxbmi

Parameter	Pr > t
race 1	0.0000
race 2	0.0000
race 3	0.0000
race 4	0.0000
age 1	0.4028
age 2	0.0119
age 3	.
race*age 1 1	0.0249
race*age 1 2	0.0610
race*age 1 3	.
race*age 2 1	0.0644
race*age 2 2	0.1116
race*age 2 3	.
race*age 3 1	0.0366
race*age 3 2	0.7858
race*age 3 3	.
race*age 4 1	.
race*age 4 2	.
race*age 4 3	.

Analysis of Estimable Functions

Subpopulation : ridageyr >= 20
 Dependent Variable: bmx bmi

Parameter	Estimate	Standard Error	t Value
NH White	27.7707	0.1634	169.96
NH Black	29.5694	0.1933	152.95
Mex Amer	28.5248	0.1978	144.22

(Continued)

Analysis of Estimable Functions

Subpopulation : ridageyr >= 20
 Dependent Variable: bmx bmi

Parameter	Pr > t
NH White	0.0000
NH Black	0.0000
Mex Amer	0.0000

Age-adjusted means & standard errors of body mass index: NHANES 1999-200

Obs	Estimate Label	Estimate	StdErr
1	NH White	27.7707175	0.16339957
2	NH Black	29.5694160	0.19332624
3	Mex Amer	28.5247762	0.19779094

Age-adjusted means & standard errors of body mass index: NHANES 1999-200

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Denominator Degrees of Freedom	29
R-square	0.95217
bmx bmi Mean	28.01928

Test of Model Effects

Subpopulation : ridageyr >= 20
 Dependent Variable: bmx bmi

Effect	Num DF	Wald F	Pr > F
Model	3.00	22578.09	0.0000
age	3.00	22578.09	0.0000

Estimated Regression Coefficients

Subpopulation : ridageyr >= 20
 Dependent Variable: bmx bmi

Parameter	Estimate	Standard Error	t Value
age 1	27.2939	0.1553	175.74
age 2	28.6542	0.2408	118.98
age 3	28.2517	0.1249	226.14

(Continued)

Estimated Regression Coefficients

Subpopulation : ridageyr >= 20
 Dependent Variable: bmx bmi

Parameter	Pr > t
age 1	0.0000
age 2	0.0000
age 3	0.0000

Analysis of Estimable Functions

Subpopulation : ridageyr >= 20
 Dependent Variable: bmx bmi

Parameter	Estimate	Standard Error	t Value
Total	28.0215	0.1341	209.00

(Continued)

Analysis of Estimable Functions

Subpopulation : ridageyr >= 20
 Dependent Variable: bmx bmi

Parameter	Pr > t
Total	0.0000

Age-adjusted means & standard errors of body mass index: NHANES 1999-200

Obs	Estimate Label	Estimate	StdErr
1	Total	28.0215232	0.13407560

Age-adjusted means & standard errors of body mass index: NHANES 1999-200

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The SURVEYREG SUBGROUP Macro

Data Summary

Subpopulation : ridageyr >= 20

Dependent Variable: bmxbmi

Total Observations	19759
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Subpopulation Missing Observations	407
Weight Sum: 6798831	
Number of Strata	28
Number of PSUs	57
Denominator Degrees of Freedom	29
R-square	0.95314
bmxbmi Mean	28.01928

Test of Model Effects

Subpopulation : ridageyr >= 20
Dependent Variable: bmxbmi

Effect	Num DF	Wald F	Pr > F
Model	24.00	73096.99	0.0000
RIAGENDR	1.00	84.90	0.0000
race	3.00	20.67	0.0000
age	2.00	12.95	0.0001
RIAGENDR*race*age	17.00	12.58	0.0000

Estimated Regression Coefficients

Subpopulation : ridageyr >= 20
Dependent Variable: bmxbmi

Parameter	Estimate	Standard Error	t Value
RIAGENDR 1	26.0698	0.5479	47.58
RIAGENDR 2	27.5646	0.5679	48.54
race 1	0.5744	0.6290	0.91
race 2	3.5553	0.8196	4.34
race 3	1.3862	0.6313	2.20
race 4	0.0000	0.0000	.
age 1	0.4476	0.8159	0.55
age 2	0.9250	0.5125	1.80
age 3	0.0000	0.0000	.
RIAGENDR*race*age 1 1 1	-0.0606	1.1222	-0.05

RIAGENDR*race*age 1 1 2	1.0989	0.9119	1.21
RIAGENDR*race*age 1 1 3	1.6165	0.5927	2.73
RIAGENDR*race*age 1 2 1	-2.9549	1.1551	-2.56
RIAGENDR*race*age 1 2 2	-2.8667	1.0038	-2.86
RIAGENDR*race*age 1 2 3	-1.6154	0.8684	-1.86
RIAGENDR*race*age 1 3 1	-0.7798	1.0058	-0.78
RIAGENDR*race*age 1 3 2	0.5106	0.9213	0.55
RIAGENDR*race*age 1 3 3	0.6405	0.6542	0.98
RIAGENDR*race*age 1 4 1	0.5913	0.7701	0.77
RIAGENDR*race*age 1 4 2	0.7782	0.7219	1.08
RIAGENDR*race*age 1 4 3	0.0000	0.0000	.
RIAGENDR*race*age 2 1 1	-1.8392	0.9648	-1.91
RIAGENDR*race*age 2 1 2	-0.8342	0.6810	-1.22
RIAGENDR*race*age 2 1 3	0.0000	0.0000	.
RIAGENDR*race*age 2 2 1	-1.2265	1.1204	-1.09
RIAGENDR*race*age 2 2 2	0.0650	0.9346	0.07
RIAGENDR*race*age 2 2 3	0.0000	0.0000	.
RIAGENDR*race*age 2 3 1	-1.4822	0.8388	-1.77
RIAGENDR*race*age 2 3 2	0.4779	0.7048	0.68
RIAGENDR*race*age 2 3 3	0.0000	0.0000	.
RIAGENDR*race*age 2 4 1	0.0000	0.0000	.
RIAGENDR*race*age 2 4 2	0.0000	0.0000	.
RIAGENDR*race*age 2 4 3	0.0000	0.0000	.

(Continued)

Estimated Regression Coefficients

Subpopulation : ridageyr >= 20
 Dependent Variable: bmx bmi

Parameter	Pr > t
RIAGENDR 1	0.0000
RIAGENDR 2	0.0000
race 1	0.3687
race 2	0.0002
race 3	0.0363
race 4	.
age 1	0.5875
age 2	0.0815
age 3	.
RIAGENDR*race*age 1 1 1	0.9573
RIAGENDR*race*age 1 1 2	0.2379
RIAGENDR*race*age 1 1 3	0.0107
RIAGENDR*race*age 1 2 1	0.0160
RIAGENDR*race*age 1 2 2	0.0079
RIAGENDR*race*age 1 2 3	0.0730
RIAGENDR*race*age 1 3 1	0.4445
RIAGENDR*race*age 1 3 2	0.5837
RIAGENDR*race*age 1 3 3	0.3357
RIAGENDR*race*age 1 4 1	0.4488

RIAGENDR*race*age 1 4 2	0.2900
RIAGENDR*race*age 1 4 3	.
RIAGENDR*race*age 2 1 1	0.0666
RIAGENDR*race*age 2 1 2	0.2305
RIAGENDR*race*age 2 1 3	.
RIAGENDR*race*age 2 2 1	0.2827
RIAGENDR*race*age 2 2 2	0.9451
RIAGENDR*race*age 2 2 3	.
RIAGENDR*race*age 2 3 1	0.0877
RIAGENDR*race*age 2 3 2	0.5032
RIAGENDR*race*age 2 3 3	.
RIAGENDR*race*age 2 4 1	.
RIAGENDR*race*age 2 4 2	.
RIAGENDR*race*age 2 4 3	.

Analysis of Estimable Functions

Subpopulation : ridageyr >= 20
 Dependent Variable: bmx bmi

Parameter	Estimate	Standard Error	t Value
NH White Men	27.9246	0.1676	166.65
NH Black Men	27.5347	0.1853	148.63
Mex Amer men	28.0064	0.1888	148.35
NH white Women	27.6209	0.2073	133.24
NH Black Women	31.1791	0.2760	112.97
Mex Amer Women	29.0621	0.3167	91.76

(Continued)

Analysis of Estimable Functions

Subpopulation : ridageyr >= 20
 Dependent Variable: bmx bmi

Parameter	Pr > t
NH White Men	0.0000
NH Black Men	0.0000
Mex Amer men	0.0000
NH white Women	0.0000
NH Black Women	0.0000
Mex Amer Women	0.0000

Age-adjusted means & standard errors of body mass index: NHANES 1999-200

Obs	EstimateLabel	Estimate	StdErr
1	NH White Men	27.9245869	0.16756889
2	NH Black Men	27.5347016	0.18525739
3	Mex Amer men	28.0063883	0.18879044
4	NH white Women	27.6208681	0.20730135
5	NH Black Women	31.1790618	0.27600504
6	Mex Amer Women	29.0620772	0.31670669

Age-adjusted means & standard errors of body mass index: NHANES 1999-200

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Denominator Degrees of Freedom	29
R-square	0.95221
bmx bmi Mean	28.01928

Test of Model Effects

Subpopulation : ridageyr >= 20
 Dependent Variable: bmx bmi

Effect	Num DF	Wald F	Pr > F
Model	6.00	14572.49	0.0000
RIAGENDR	1.00	7.50	0.0104
age	2.00	16.65	0.0000
RIAGENDR*age	2.00	0.24	0.7903

Estimated Regression Coefficients

Subpopulation : ridageyr >= 20

Dependent Variable: bmx bmi

Parameter	Estimate	Standard Error	t Value
RIAGENDR 1	28.0901	0.1242	226.08
RIAGENDR 2	28.3763	0.1679	169.05
age 1	-0.8557	0.2468	-3.47
age 2	0.4233	0.2929	1.45
age 3	0.0000	0.0000	.
RIAGENDR*age 1 1	-0.1725	0.2693	-0.64
RIAGENDR*age 1 2	-0.0120	0.3288	-0.04
RIAGENDR*age 1 3	0.0000	0.0000	.
RIAGENDR*age 2 1	0.0000	0.0000	.
RIAGENDR*age 2 2	0.0000	0.0000	.
RIAGENDR*age 2 3	0.0000	0.0000	.

(Continued)

Estimated Regression Coefficients

Subpopulation : ridageyr >= 20

Dependent Variable: bmx bmi

Parameter	Pr > t
RIAGENDR 1	0.0000
RIAGENDR 2	0.0000
age 1	0.0017
age 2	0.1592
age 3	.
RIAGENDR*age 1 1	0.5269
RIAGENDR*age 1 2	0.9711
RIAGENDR*age 1 3	.
RIAGENDR*age 2 1	.
RIAGENDR*age 2 2	.
RIAGENDR*age 2 3	.

Analysis of Estimable Functions

Subpopulation : ridageyr >= 20

Dependent Variable: bmx bmi

Parameter	Estimate	Standard Error	t Value
Males	27.8352	0.1304	213.47
Females	28.1943	0.1669	168.95

(Continued)

Analysis of Estimable Functions

Subpopulation : ridageyr >= 20
 Dependent Variable: bmxbmi

Parameter	Pr > t
Males	0.0000
Females	0.0000

Age-adjusted means & standard errors of body mass index: NHANES 1999-200

Obs	Estimate Label	Estimate	StdErr
1	Males	27.8351817	0.13039116
2	Females	28.1942704	0.16688122

Age-standardized prevalence of persons 20 years and older with high bloo

Obs	EstimateLabel	Estimate	StdErr
1	Total	28.0215232	0.13407560
2	NH White	27.7707175	0.16339957
3	NH Black	29.5694160	0.19332624
4	Mex Amer	28.5247762	0.19779094
5	Males	27.8351817	0.13039116
6	Females	28.1942704	0.16688122
7	NH White Men	27.9245869	0.16756889
8	NH Black Men	27.5347016	0.18525739
9	Mex Amer men	28.0063883	0.18879044
10	NH white Women	27.6208681	0.20730135
11	NH Black Women	31.1790618	0.27600504
12	Mex Amer Women	29.0620772	0.31670669