

Age-standardized prevalence of persons 20 years and older with high blood pressure: NHANES 1999-2002

The SURVEYREG SUBGROUP Macro

Data Summary

Subpopulation : ridageyr >= 20
 Dependent Variable: hbpx

| | |
|---------------------------------------|---------|
| Total Observations | 19759 |
| Weight Sum: 278652243 | |
| Subpopulation Observations | 9471 |
| Weight Sum: 198419259 | |
| Subpopulation Nonmissing Observations | 8960 |
| Weight Sum: 189834912 | |
| Subpopulation Missing Observations | 511 |
| Weight Sum: 8584347 | |
| Number of Strata | 28 |
| Number of PSUs | 57 |
| Denominator Degrees of Freedom | 29 |
| R-square | 0.47273 |
| hbpx Mean | 29.163 |

Test of Model Effects

Subpopulation : ridageyr >= 20
 Dependent Variable: hbpx

| Effect | Num DF | Wald F | Pr > F |
|----------|--------|--------|--------|
| Model | 12.00 | 679.14 | 0.0000 |
| race | 3.00 | 66.14 | 0.0000 |
| age | 2.00 | 607.78 | 0.0000 |
| race*age | 6.00 | 7.37 | 0.0001 |

Estimated Regression Coefficients

Subpopulation : ridageyr >= 20
 Dependent Variable: hbpx

| Parameter | Estimate | Standard Error | t Value |
|-----------|----------|----------------|---------|
|-----------|----------|----------------|---------|

| | | | |
|--------------|----------|--------|--------|
| race 1 | 65.3819 | 1.5779 | 41.44 |
| race 2 | 81.4957 | 1.6193 | 50.33 |
| race 3 | 62.0765 | 1.4276 | 43.48 |
| race 4 | 67.3857 | 5.0892 | 13.24 |
| age 1 | -58.5050 | 5.5891 | -10.47 |
| age 2 | -36.6328 | 6.1910 | -5.92 |
| age 3 | 0.0000 | 0.0000 | . |
| race*age 1 1 | -0.5719 | 5.9449 | -0.10 |
| race*age 1 2 | -1.2590 | 6.8278 | -0.18 |
| race*age 1 3 | 0.0000 | 0.0000 | . |
| race*age 2 1 | -11.0863 | 5.6762 | -1.95 |
| race*age 2 2 | 1.5876 | 6.8658 | 0.23 |
| race*age 2 3 | 0.0000 | 0.0000 | . |
| race*age 3 1 | 1.4719 | 5.3957 | 0.27 |
| race*age 3 2 | 0.5839 | 6.7274 | 0.09 |
| 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: hbpx

| Parameter | Pr > t |
|--------------|---------|
| race 1 | 0.0000 |
| race 2 | 0.0000 |
| race 3 | 0.0000 |
| race 4 | 0.0000 |
| age 1 | 0.0000 |
| age 2 | 0.0000 |
| age 3 | . |
| race*age 1 1 | 0.9240 |
| race*age 1 2 | 0.8550 |
| race*age 1 3 | . |
| race*age 2 1 | 0.0605 |
| race*age 2 2 | 0.8188 |
| race*age 2 3 | . |
| race*age 3 1 | 0.7870 |
| race*age 3 2 | 0.9314 |
| 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: hbpx

| Parameter | Estimate | Standard Error | t Value |
|-----------|----------|----------------|---------|
| NH White | 27.8638 | 0.9714 | 28.68 |
| NH Black | 40.8659 | 1.0472 | 39.03 |
| Mex Amer | 26.0541 | 0.9851 | 26.45 |

(Continued)

Analysis of Estimable Functions

Subpopulation : ridageyr >= 20

Dependent Variable: hbpx

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

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

| Obs | Estimate Label | Estimate | StdErr |
|-----|----------------|------------|------------|
| 1 | NH White | 27.8638234 | 0.97139128 |
| 2 | NH Black | 40.8659240 | 1.04715182 |
| 3 | Mex Amer | 26.0541470 | 0.98506413 |