Call:

lm(formula = heat ~ asianE + medIncE, data = complete)

Residuals:

Min 1Q Median 3Q Max

-5116.1 -352.6 28.5 395.3 1341.1

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 4.799e+04 3.088e+01 1554.213 <2e-16 \*\*\*

asianE 4.018e-02 1.757e-02 2.287 0.0223 \*

medIncE -3.847e-03 3.121e-04 -12.325 <2e-16 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 604.9 on 2198 degrees of freedom

(124 observations deleted due to missingness)

Multiple R-squared: 0.06608, Adjusted R-squared: 0.06523

F-statistic: 77.75 on 2 and 2198 DF, p-value: < 2.2e-16

> model1\_1<-lm(heat~asianE+poverty\_rate\_percentageE, data=complete)

Error in eval(predvars, data, env) :

object 'poverty\_rate\_percentageE' not found

> model1\_1<-lm(heat~asianE+poverty\_rate\_percentage, data=complete)

> summary(model1\_1)

Call:

lm(formula = heat ~ asianE + poverty\_rate\_percentage, data = complete)

Residuals:

Min 1Q Median 3Q Max

-5096.2 -370.4 54.4 427.2 1377.1

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 4.759e+04 2.577e+01 1846.484 < 2e-16 \*\*\*

asianE 4.754e-02 1.841e-02 2.583 0.009866 \*\*

poverty\_rate\_percentage 3.817e+00 1.132e+00 3.372 0.000759 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 633.6 on 2239 degrees of freedom

(83 observations deleted due to missingness)

Multiple R-squared: 0.007135, Adjusted R-squared: 0.006248

F-statistic: 8.045 on 2 and 2239 DF, p-value: 0.00033

> model2<-lm(heat~blackE+medIncE, data=complete)

> summary(model2)

Call:

lm(formula = heat ~ blackE + medIncE, data = complete)

Residuals:

Min 1Q Median 3Q Max

-5140.3 -353.0 21.6 400.6 1355.1

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 4.800e+04 3.485e+01 1377.446 <2e-16 \*\*\*

blackE 3.545e-03 1.262e-02 0.281 0.779

medIncE -3.797e-03 3.265e-04 -11.629 <2e-16 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 605.6 on 2198 degrees of freedom

(124 observations deleted due to missingness)

Multiple R-squared: 0.06389, Adjusted R-squared: 0.06304

F-statistic: 75 on 2 and 2198 DF, p-value: < 2.2e-16

> odel2\_1<-lm(heat~blackE+poverty\_rate\_percentage, data=complete)

> summary(model2\_1)

Error in h(simpleError(msg, call)) :

error in evaluating the argument 'object' in selecting a method for function 'summary': object 'model2\_1' not found

> model2\_1<-lm(heat~blackE+poverty\_rate\_percentage, data=complete)

> summary(model2\_1)

Call:

lm(formula = heat ~ blackE + poverty\_rate\_percentage, data = complete)

Residuals:

Min 1Q Median 3Q Max

-5165.9 -361.6 44.9 428.8 1361.0

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 4.760e+04 2.331e+01 2041.996 < 2e-16 \*\*\*

blackE 4.489e-02 1.294e-02 3.470 0.00053 \*\*\*

poverty\_rate\_percentage 2.498e+00 1.154e+00 2.164 0.03056 \*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 632.8 on 2239 degrees of freedom

(83 observations deleted due to missingness)

Multiple R-squared: 0.009504, Adjusted R-squared: 0.00862

F-statistic: 10.74 on 2 and 2239 DF, p-value: 2.275e-05

> model3<-lm(heat~hisp\_latxE+medIncE, data=complete)

> summary(model3)

Call:

lm(formula = heat ~ hisp\_latxE + medIncE, data = complete)

Residuals:

Min 1Q Median 3Q Max

-5140.3 -353.1 20.6 399.6 1355.2

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 4.801e+04 3.762e+01 1276.170 <2e-16 \*\*\*

hisp\_latxE -2.937e-03 1.097e-02 -0.268 0.789

medIncE -3.858e-03 3.375e-04 -11.433 <2e-16 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 605.6 on 2198 degrees of freedom

(124 observations deleted due to missingness)

Multiple R-squared: 0.06388, Adjusted R-squared: 0.06303

F-statistic: 75 on 2 and 2198 DF, p-value: < 2.2e-16

> model3\_1<-lm(heat~hisp\_latxE+poverty\_rate\_percentage, data=complete)

> summary(model3\_1)

Call:

lm(formula = heat ~ hisp\_latxE + poverty\_rate\_percentage, data = complete)

Residuals:

Min 1Q Median 3Q Max

-5095.3 -368.0 33.5 423.6 1378.6

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 4.760e+04 2.319e+01 2052.591 < 2e-16 \*\*\*

hisp\_latxE 4.402e-02 1.129e-02 3.898 9.98e-05 \*\*\*

poverty\_rate\_percentage 1.758e+00 1.201e+00 1.464 0.143

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 632.4 on 2239 degrees of freedom

(83 observations deleted due to missingness)

Multiple R-squared: 0.01089, Adjusted R-squared: 0.01001

F-statistic: 12.33 on 2 and 2239 DF, p-value: 4.746e-06

> model4<-lm(heat~whiteE+medIncE, data=complete)

> summary(model4)

Call:

lm(formula = heat ~ whiteE + medIncE, data = complete)

Residuals:

Min 1Q Median 3Q Max

-5317.3 -299.7 53.9 382.1 1599.0

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 4.799e+04 2.843e+01 1687.920 < 2e-16 \*\*\*

whiteE -1.366e-01 1.005e-02 -13.596 < 2e-16 \*\*\*

medIncE -1.666e-03 3.394e-04 -4.908 9.87e-07 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 581.6 on 2198 degrees of freedom

(124 observations deleted due to missingness)

Multiple R-squared: 0.1365, Adjusted R-squared: 0.1357

F-statistic: 173.7 on 2 and 2198 DF, p-value: < 2.2e-16

> model4\_1<-lm(heat~whiteE+poverty\_rate\_percentage, data=complete)

> summary(model4\_1)

Call:

lm(formula = heat ~ whiteE + poverty\_rate\_percentage, data = complete)

Residuals:

Min 1Q Median 3Q Max

-5353.3 -300.2 64.7 393.9 1597.9

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 47884.1200 26.5066 1806.500 <2e-16 \*\*\*

whiteE -0.1571 0.0094 -16.709 <2e-16 \*\*\*

poverty\_rate\_percentage -1.2342 1.0966 -1.125 0.261

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 598.3 on 2239 degrees of freedom

(83 observations deleted due to missingness)

Multiple R-squared: 0.1146, Adjusted R-squared: 0.1138

F-statistic: 144.9 on 2 and 2239 DF, p-value: < 2.2e-16