```
DATASET ACTIVATE album 2.

REGRESSION
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS R ANOVA COLLIN TOL
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT sales
  /METHOD=ENTER adverts airplay attract
  /PARTIALPLOT ALL
  /SCATTERPLOT=(*ZRESID ,*ZPRED)
 /RESIDUALS outliers (mahal) DURBIN HIST(ZRESID) NORM(ZRESID)
  /CASEWISE all dresid sdrewsid adjpred covratio mahal, cook, lever, dfbeta,
sdbeta dffit sdffit mcin icin PLOT(ZRESID)
  /SAVE dresid sdrewsid adjpred covratio mahal, cook, lever, dfbeta, sdbeta
dffit sdffit .
```

Regression

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	attract, adverts, airplay[b]	.	Enter

a. Dependent Variable: sales

b. All requested variables entered.

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.815[a]	.665	.660	47.087	1.950

a. Predictors: (Constant), attract, adverts, airplay

b. Dependent Variable: sales

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	861377.418	3	287125.806	129.498	.000[b]
	Residual	434574.582	196	2217.217		
	Total	1295952.000	199			

a. Dependent Variable: sales

b. Predictors: (Constant), attract, adverts, airplay

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics
		B	Std. Error	Beta			Tolerance
1	(Constant)	-26.613	17.350		-1.534	.127	
	adverts	.085	.007	.511	12.261	.000	.986
	airplay	3.367	.278	.512	12.123	.000	.959
	attract	11.086	2.438	.192	4.548	.000	.963

Coefficients[a]

Model		Collinearity Statistics
		VIF
1	(Constant)	
	adverts	1.015
	airplay	1.043
	attract	1.038

a. Dependent Variable: sales

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	adverts	airplay	attract
1	1	3.562	1.000	.00	.02	.01	.00
	2	.308	3.401	.01	.96	.05	.01
	3	.109	5.704	.05	.02	.93	.07
	4	.020	13.219	.94	.00	.00	.92

a. Dependent Variable: sales

a. Dependent Variable: sales

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	42.91	332.36	193.20	65.792	200
Std. Predicted Value	-2.284	2.115	.000	1.000	200
Standard Error of Predicted Value	3.438	14.794	6.330	2.072	200
Adjusted Predicted Value	41.70	335.29	193.22	65.818	200
Residual	-121.324	144.132	.000	46.731	200
Std. Residual	-2.577	3.061	.000	.992	200
Stud. Residual	-2.629	3.093	.000	1.003	200
Deleted Residual	-126.294	147.197	-.024	47.700	200
Stud. Deleted Residual	-2.670	3.164	.000	1.008	200
Mahal. Distance	.066	18.649	2.985	2.972	200
Cook's Distance	.000	.071	.005	.010	200
Centered Leverage Value	.000	.094	.015	.015	200

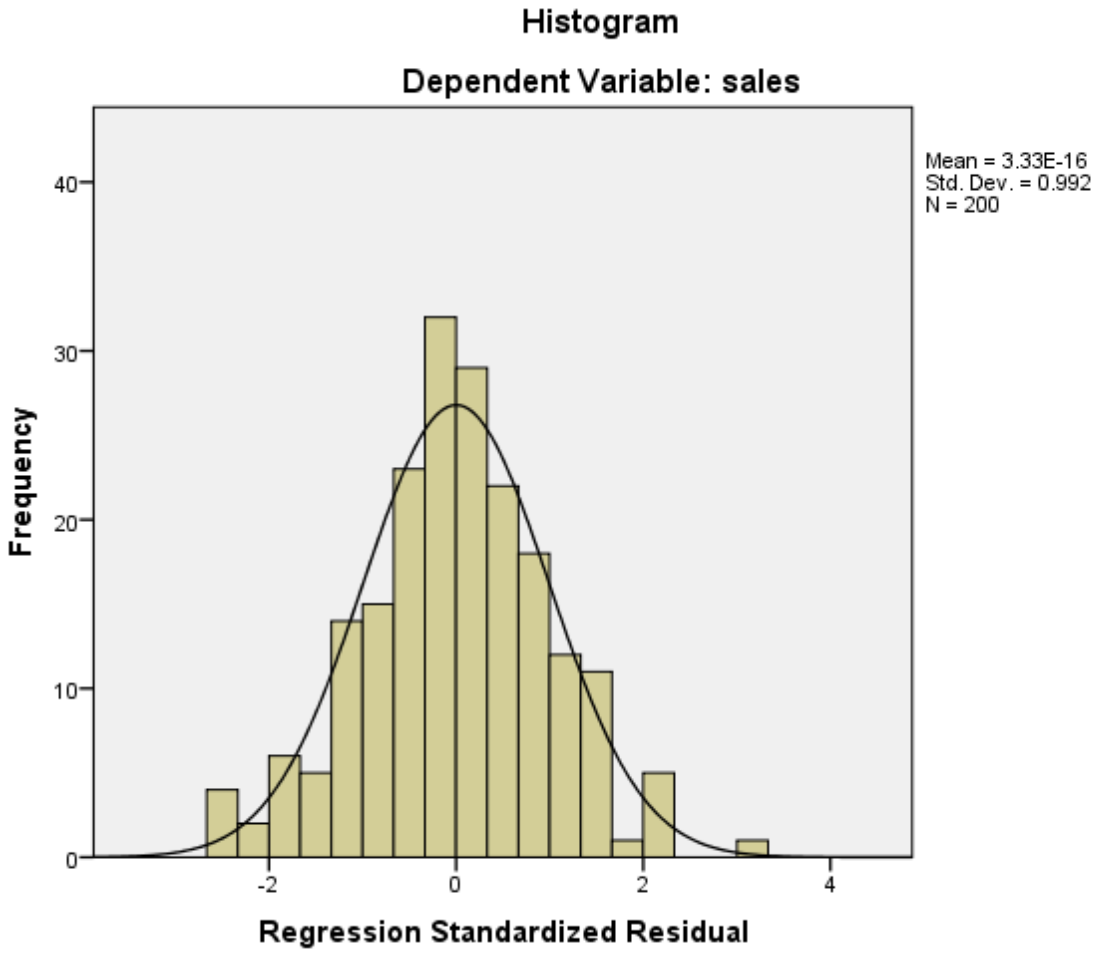
a. Dependent Variable: sales

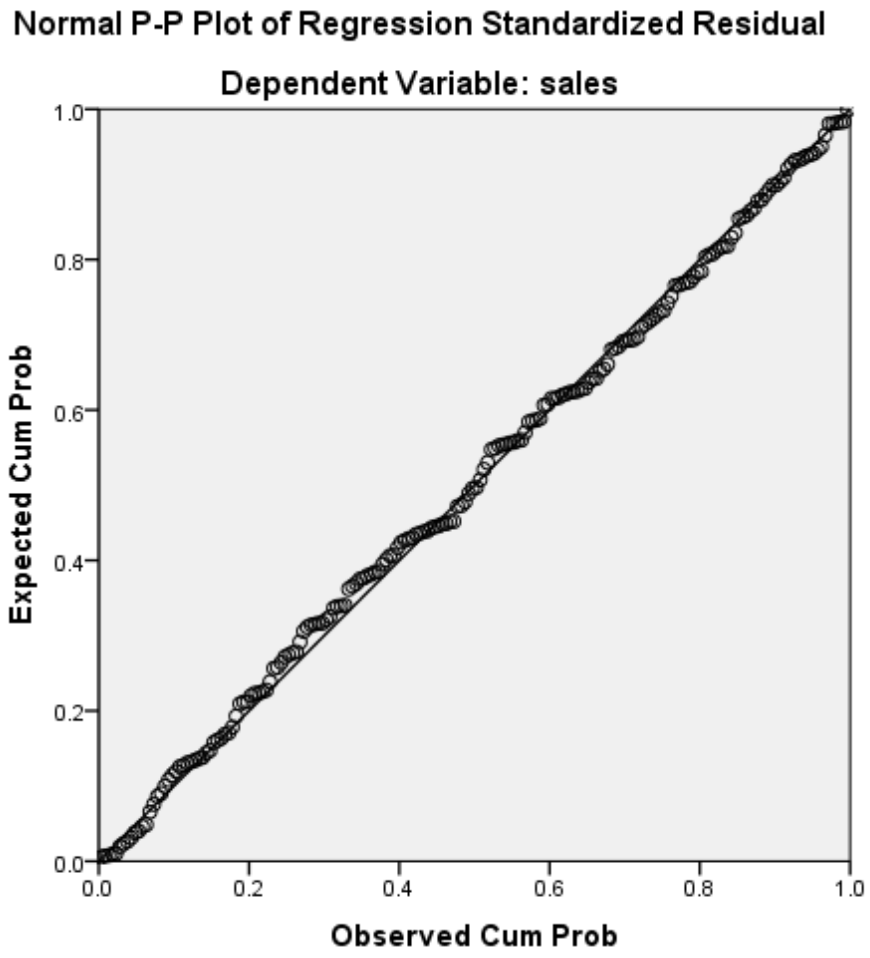
Outlier Statistics[a]

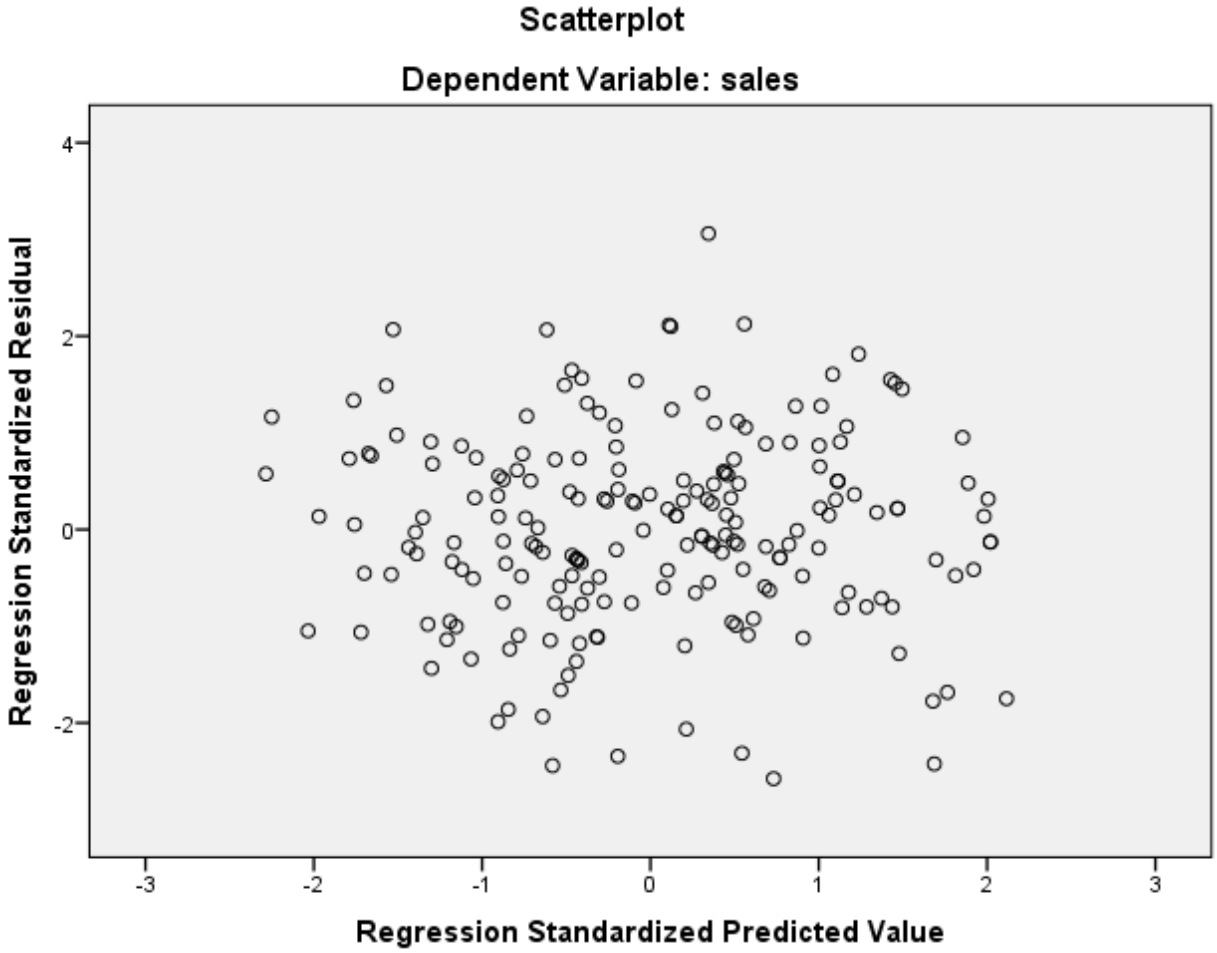
		Case Number	Statistic
Mahal. Distance	1	138	18.649
	2	181	17.432
	3	7	17.122
	4	184	14.092
	5	12	11.761
	6	42	10.592
	7	87	10.577
	8	88	9.607
	9	1	8.396
	10	113	8.377

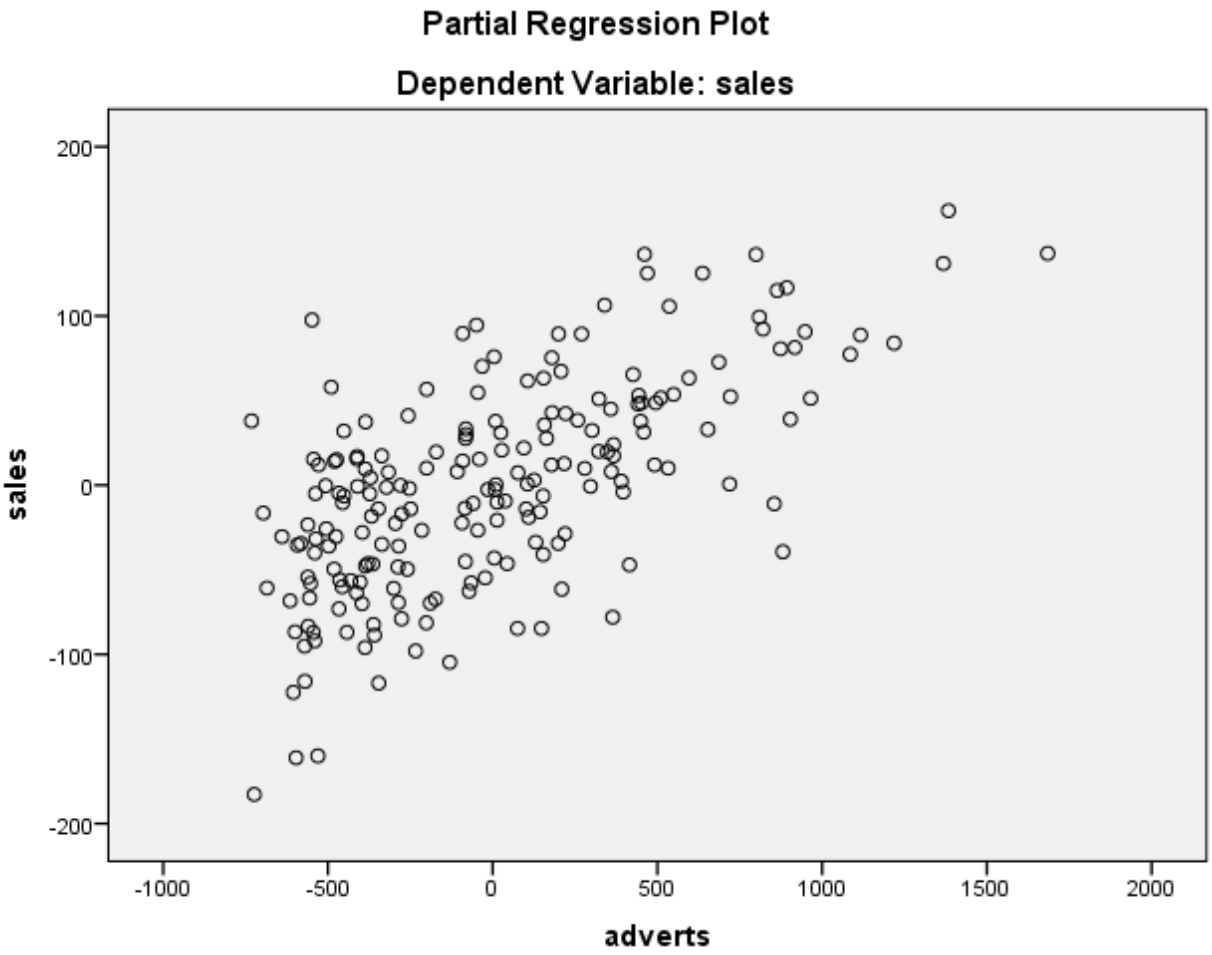
a. Dependent Variable: sales

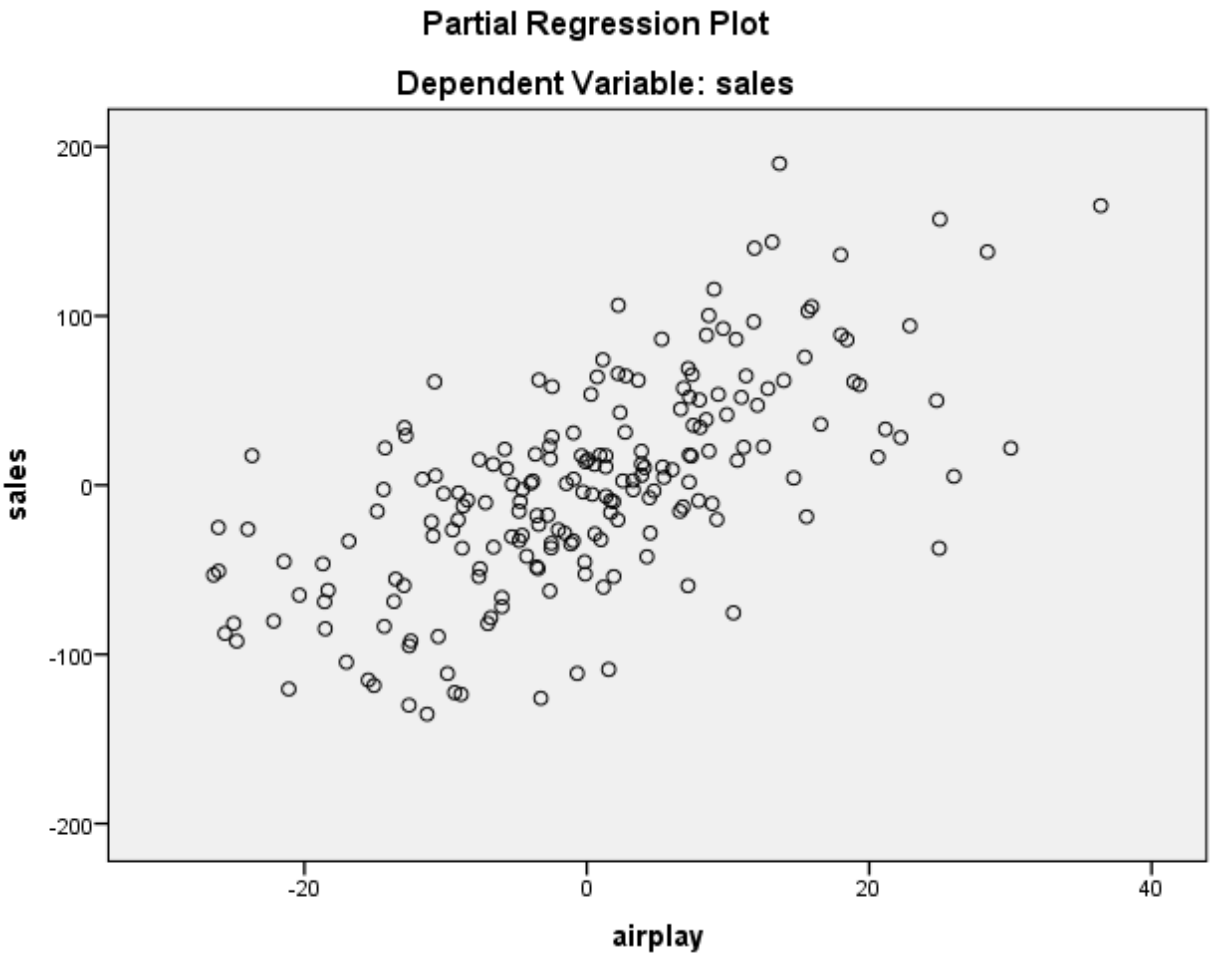
Charts

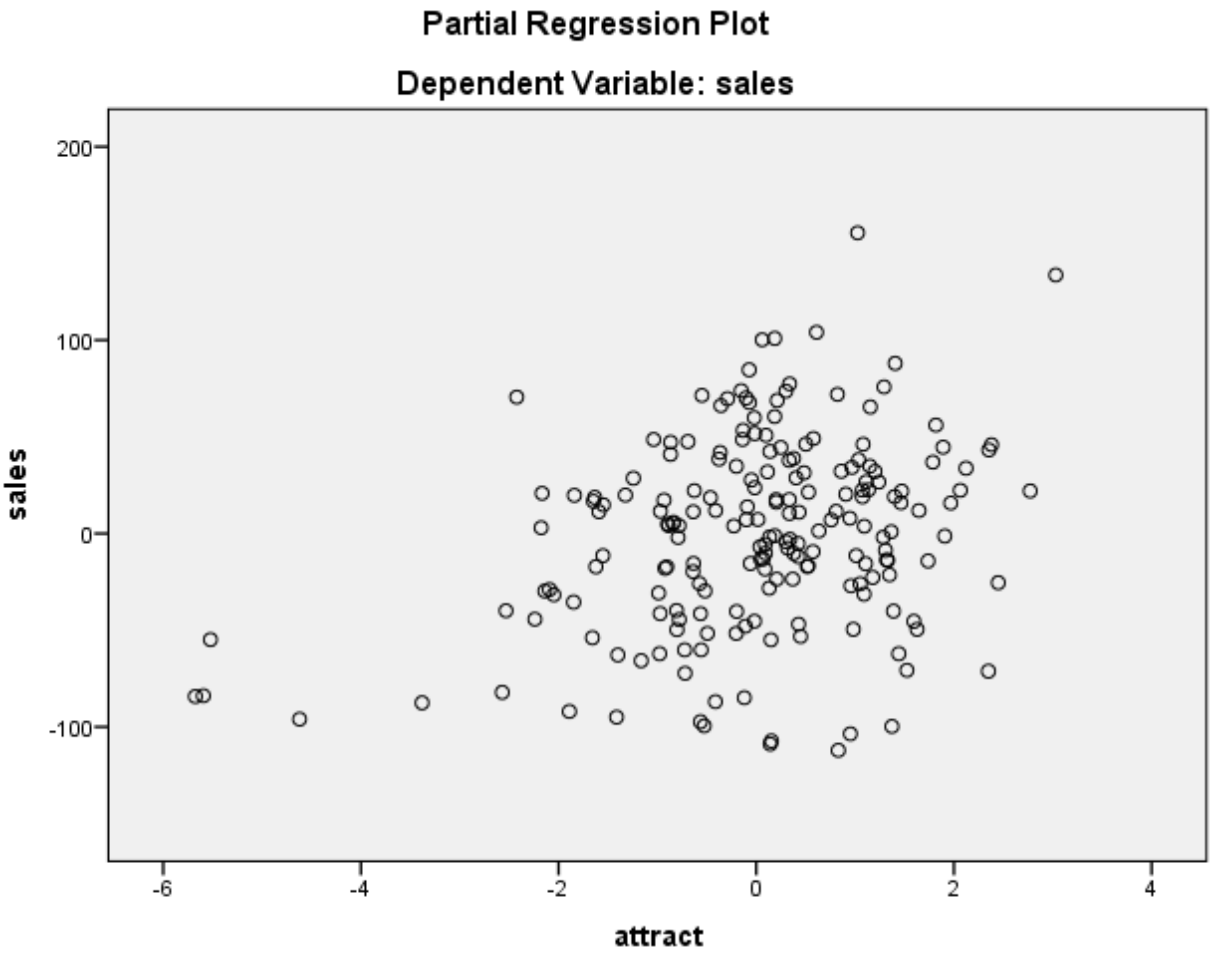

Histogram
Dependent Variable: sales
Mean = 3.33E-16
Std. Dev. = 0.992
N = 200
Frequency
40
30
20
10
0
-2
0
2
4
Regression Standardized Residual


Normal P-P Plot of Regression Standardized Residual
Dependent Variable: sales
Expected Cum Prob
Observed Cum Prob
0.0
0.2
0.4
0.6
0.8
1.0


Scatterplot
Dependent Variable: sales
Regression Standardized Residual
Regression Standardized Predicted Value
4
2
0
-2
-3
-2
-1
0
1
2
3


Partial Regression Plot
Dependent Variable: sales
sales
adverts
200
100
0
-100
-200
-1000
-500
0
500
1000
1500
2000


Partial Regression Plot
Dependent Variable: sales
sales
200
100
0
-100
-200
-20
0
20
40
airplay


Partial Regression Plot
Dependent Variable: sales
200
100
0
-100
sales
-6
-4
-2
0
2
4
attract