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FREQUENCIES VARIABLES=IQ GPA
  /STATISTICS=STDDEV VARIANCE RANGE MEAN MEDIAN MODE SKEWNESS SESKEW
  /HISTOGRAM
  /ORDER=ANALYSIS.

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Frequencies

Statistics		IQ	GPA
N	Valid	40	40
	Missing	0	0
Mean		85.1000	2.7300
Median		82.0000	2.8500
Mode		66.00 ^a	2.90
Std. Deviation		16.40169	.64815
Variance		269.015	.420
Skewness		.374	.012
Std. Error of Skewness		.374	.374
Range		52.00	2.20

a. Multiple modes exist. The smallest value is shown

Frequency Table

		IQ			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	62.00	2	5.0	5.0	5.0
	66.00	3	7.5	7.5	12.5
	67.00	2	5.0	5.0	17.5
	70.00	2	5.0	5.0	22.5
	71.00	3	7.5	7.5	30.0
	74.00	3	7.5	7.5	37.5
	76.00	3	7.5	7.5	45.0
	82.00	3	7.5	7.5	52.5
	84.00	1	2.5	2.5	55.0

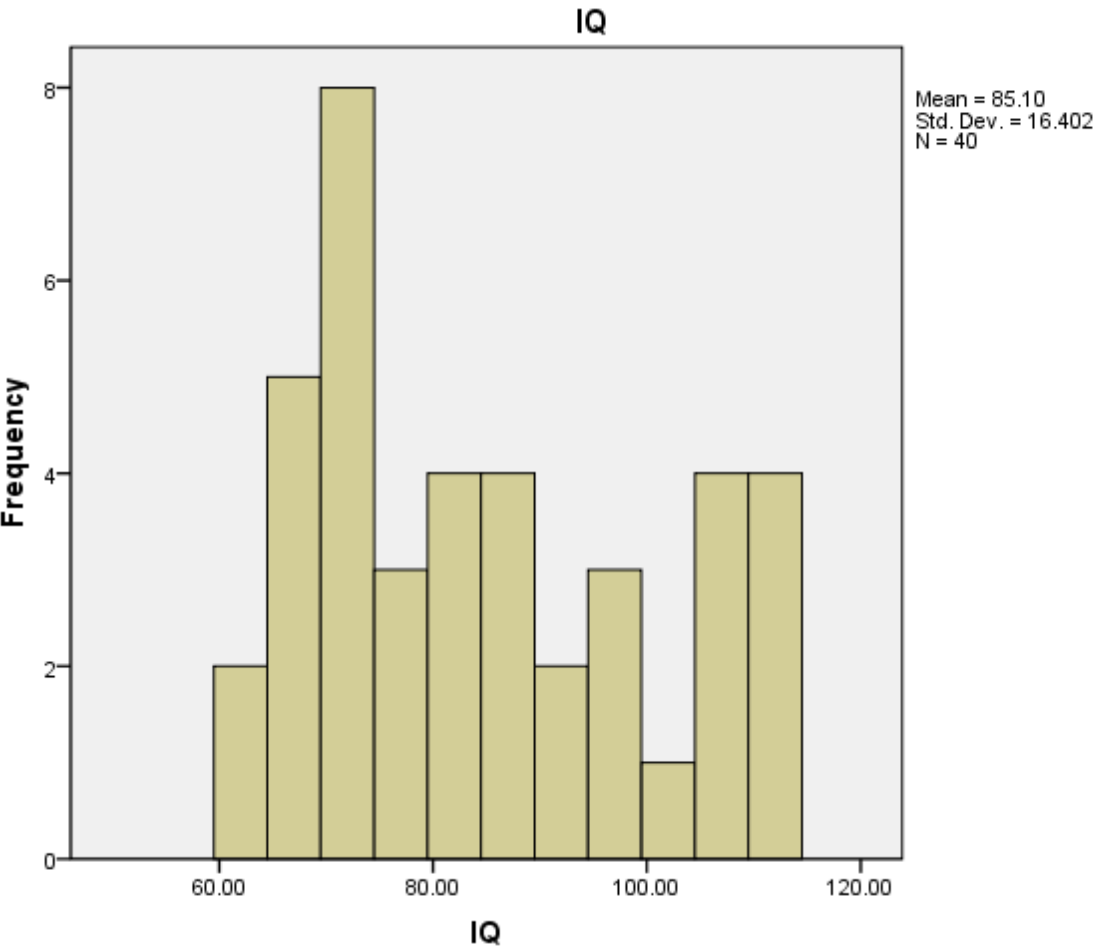
88.00	3	7.5	7.5	62.5
89.00	1	2.5	2.5	65.0
92.00	1	2.5	2.5	67.5
94.00	1	2.5	2.5	70.0
97.00	1	2.5	2.5	72.5
98.00	2	5.0	5.0	77.5
103.00	1	2.5	2.5	80.0
107.00	2	5.0	5.0	85.0
108.00	1	2.5	2.5	87.5
109.00	1	2.5	2.5	90.0
110.00	1	2.5	2.5	92.5
112.00	1	2.5	2.5	95.0
113.00	1	2.5	2.5	97.5
114.00	1	2.5	2.5	100.0
Total	40	100.0	100.0	

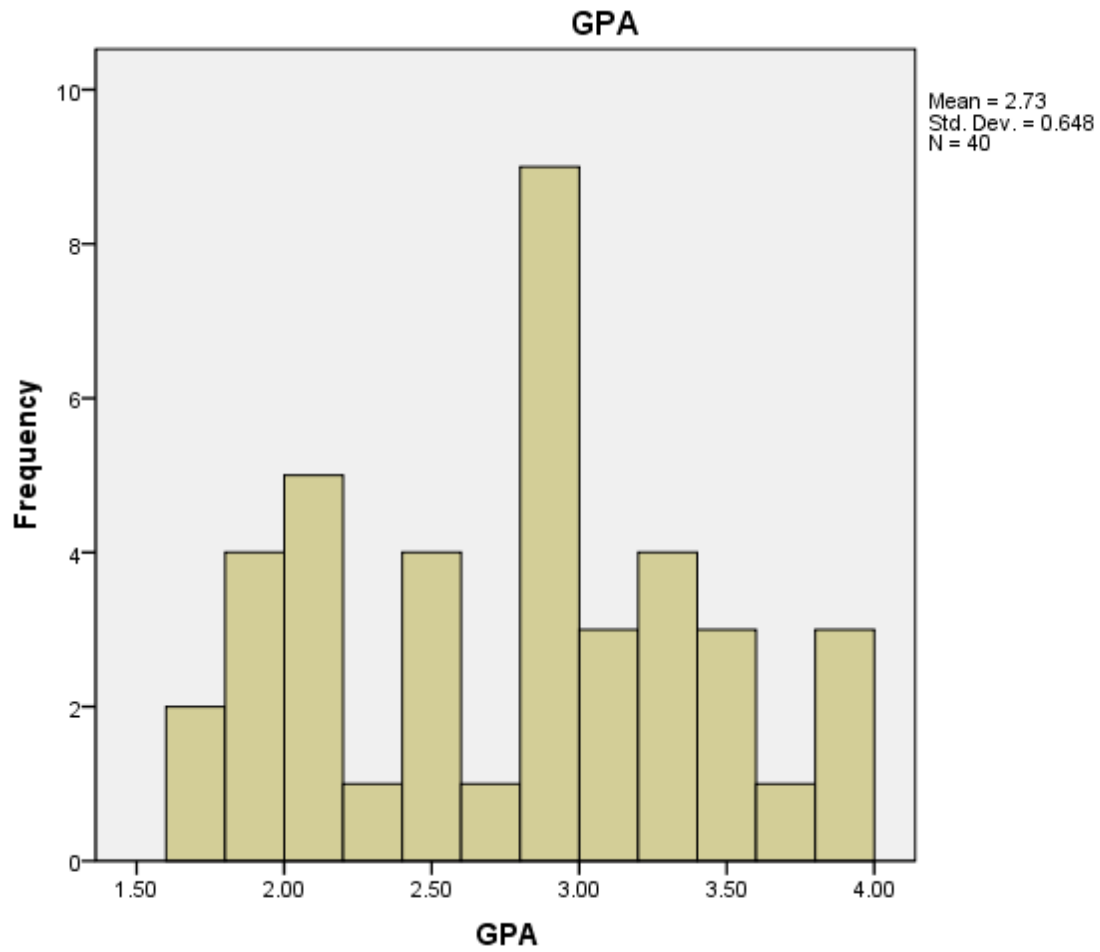
GPA

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1.70	2	5.0	5.0	5.0
1.80	2	5.0	5.0	10.0
1.90	2	5.0	5.0	15.0
2.00	4	10.0	10.0	25.0
2.10	1	2.5	2.5	27.5
2.20	1	2.5	2.5	30.0
2.40	2	5.0	5.0	35.0
2.50	2	5.0	5.0	40.0
2.60	1	2.5	2.5	42.5
2.80	3	7.5	7.5	50.0
2.90	6	15.0	15.0	65.0
3.00	1	2.5	2.5	67.5
3.10	2	5.0	5.0	72.5
3.20	1	2.5	2.5	75.0
3.30	3	7.5	7.5	82.5

3.40	1	2.5	2.5	85.0
3.50	2	5.0	5.0	90.0
3.60	1	2.5	2.5	92.5
3.80	1	2.5	2.5	95.0
3.90	2	5.0	5.0	100.0
Total	40	100.0	100.0	

Histogram





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CORRELATIONS
/VARIABLES=IQ GPA
/PRINT=TWOTAIL NOSIG
/STATISTICS DESCRIPTIVES
/MISSING=PAIRWISE.

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Correlations

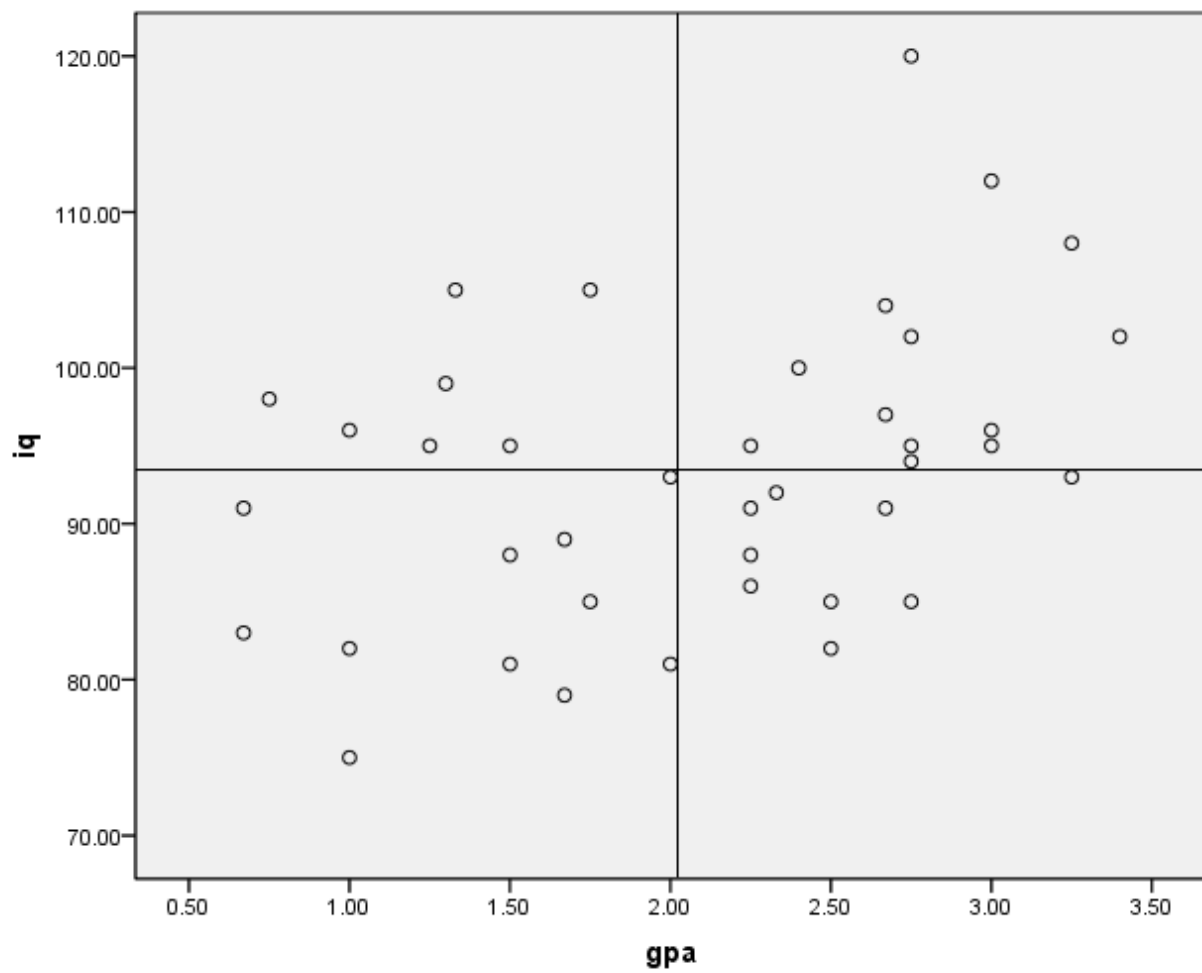
Descriptive Statistics			
	Mean	Std. Deviation	N
IQ	85.1000	16.40169	40
GPA	2.7300	.64815	40

Correlations

		IQ	GPA
IQ	Pearson Correlation	1	.608**
	Sig. (2-tailed)		.000
	N	40	40
GPA	Pearson Correlation	.608**	1
	Sig. (2-tailed)	.000	
	N	40	40

**, Correlation is significant at the 0.01 level (2-tailed).

Scatterplot



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REGRESSION
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS R ANOVA
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT GPA
  /METHOD=ENTER IQ
  /RESIDUALS HISTOGRAM(ZRESID) NORMPROB(ZRESID) .

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Regression

Variables Entered/Removed ^b			
Model	Variables Entered	Variables Removed	Method
1	IQ ^a	.	Enter

a. All requested variables entered.

b. Dependent Variable: GPA

Model Summary ^b				
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate

1	.608 ^a	.370	.353	.52132
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a. Predictors: (Constant), IQ

b. Dependent Variable: GPA

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	6.057	1	6.057	22.286	.000 ^a
	Residual	10.327	38	.272		
	Total	16.384	39			

a. Predictors: (Constant), IQ

b. Dependent Variable: GPA

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.685	.441		1.554	.128
	IQ	.024	.005	.608	4.721	.000

a. Dependent Variable: GPA

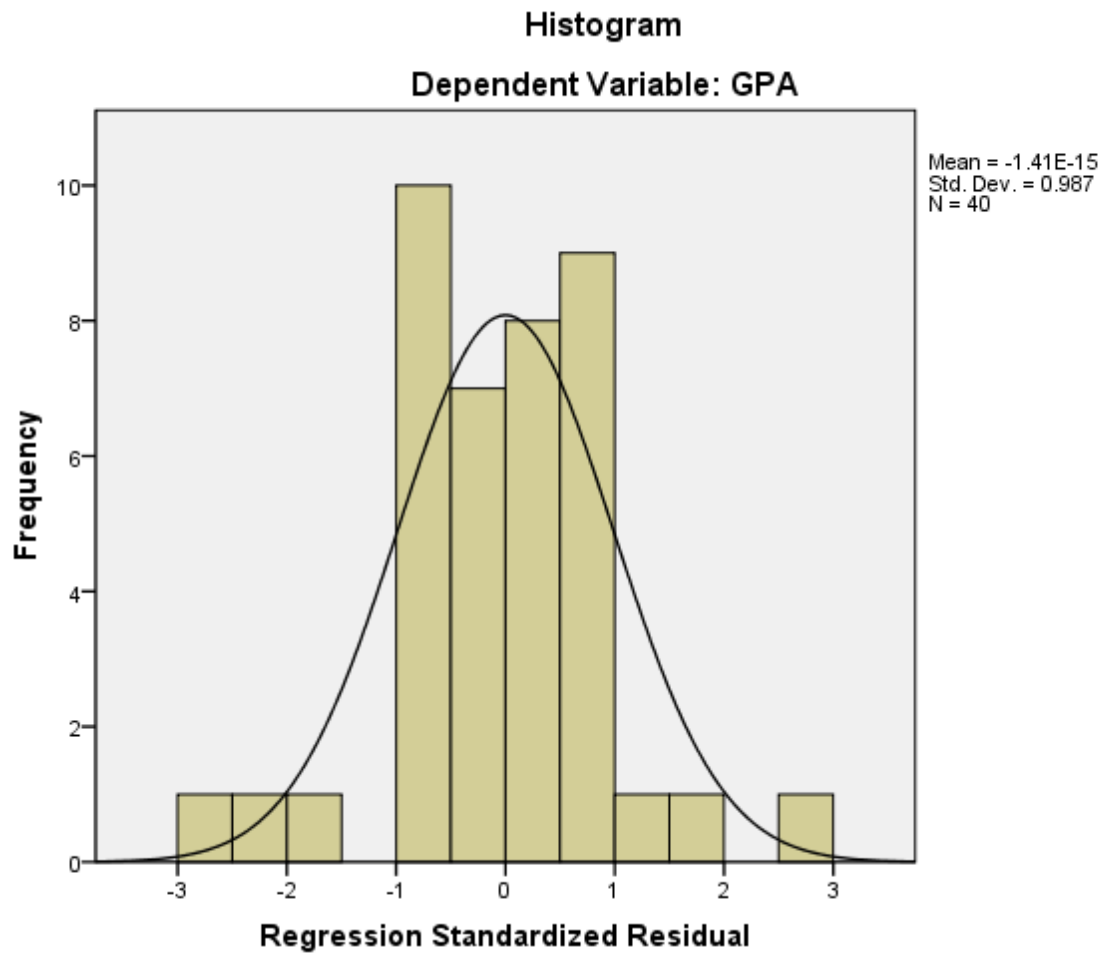
Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	2.1750	3.4244	2.7300	.39408	40
Residual	-1.33995	1.50878	.00000	.51459	40
Std. Predicted Value	-1.408	1.762	.000	1.000	40

Std. Residual	-2.570	2.894	.000	.987	40
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a. Dependent Variable: GPA

Charts



Normal P-P Plot of Regression Standardized Residual

Dependent Variable: GPA

