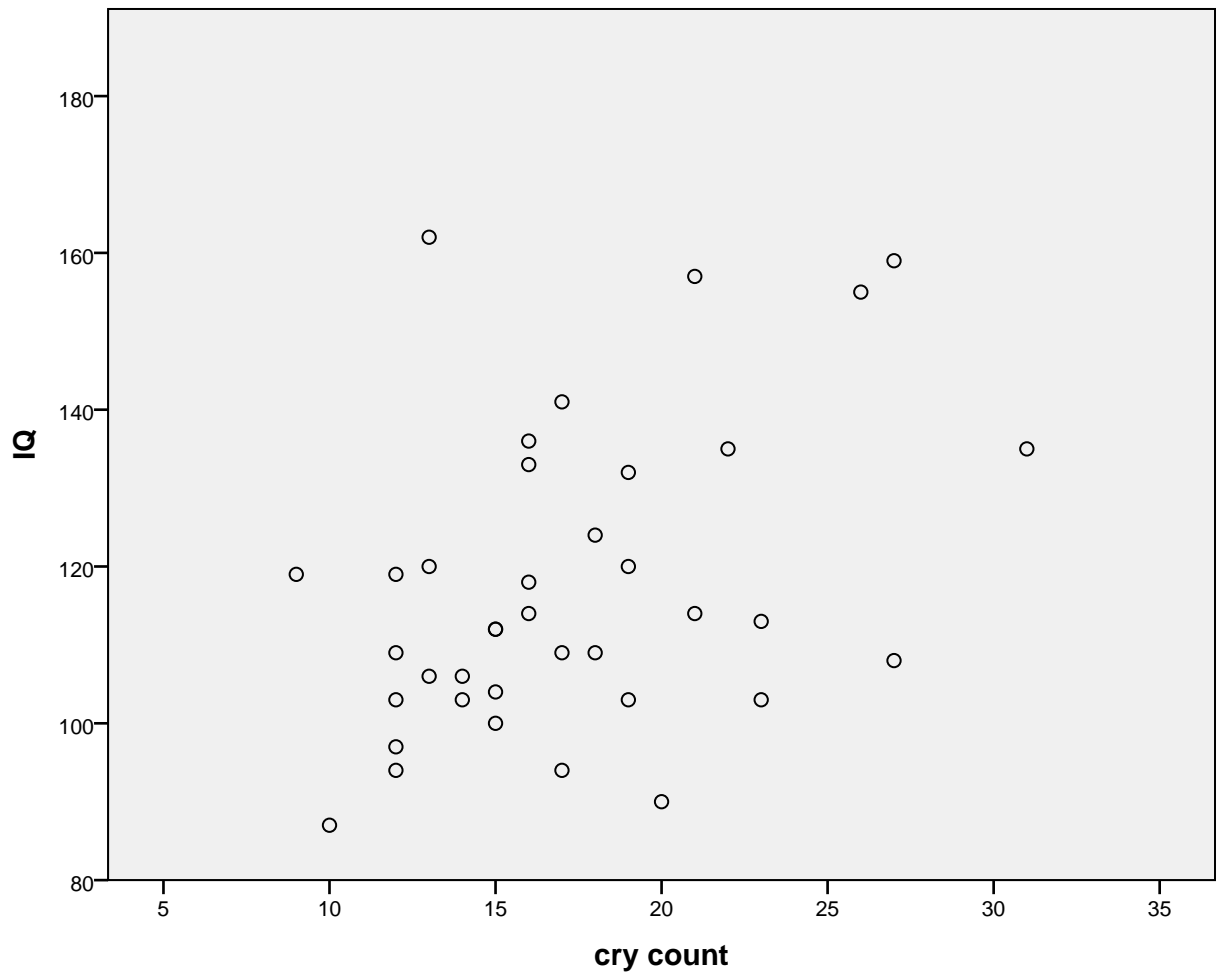


## GGraph



## Regression

### Descriptive Statistics

|           | Mean   | Std. Deviation | N  |
|-----------|--------|----------------|----|
| IQ        | 117.24 | 19.383         | 38 |
| cry count | 17.24  | 5.069          | 38 |

**Correlations**

|                     |           | IQ    | cry count |
|---------------------|-----------|-------|-----------|
| Pearson Correlation | IQ        | 1.000 | .402      |
|                     | cry count | .402  | 1.000     |
| Sig. (1-tailed)     | IQ        | .     | .006      |
|                     | cry count | .006  | .         |
| N                   | IQ        | 38    | 38        |
|                     | cry count | 38    | 38        |

**Variables Entered/Removed<sup>a</sup>**

| Model | Variables Entered      | Variables Removed | Method |
|-------|------------------------|-------------------|--------|
| 1     | cry count <sup>b</sup> | .                 | Enter  |

a. Dependent Variable: IQ

b. All requested variables entered.

**Model Summary<sup>b</sup>**

| Model | R                 | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1     | .402 <sup>a</sup> | .161     | .138              | 17.994                     |

a. Predictors: (Constant), cry count

b. Dependent Variable: IQ

**ANOVA<sup>a</sup>**

| Model |            | Sum of Squares | df | Mean Square | F     | Sig.              |
|-------|------------|----------------|----|-------------|-------|-------------------|
| 1     | Regression | 2244.408       | 1  | 2244.408    | 6.932 | .012 <sup>b</sup> |
|       | Residual   | 11656.461      | 36 | 323.791     |       |                   |
|       | Total      | 13900.868      | 37 |             |       |                   |

a. Dependent Variable: IQ

b. Predictors: (Constant), cry count

**Coefficients<sup>a</sup>**

| Model |            | Unstandardized Coefficients |            | Standardized Coefficients | t     | Sig. |
|-------|------------|-----------------------------|------------|---------------------------|-------|------|
|       |            | B                           | Std. Error | Beta                      |       |      |
| 1     | (Constant) | 90.755                      | 10.473     |                           | 8.665 | .000 |
|       | cry count  | 1.536                       | .584       | .402                      | 2.633 | .012 |

### Coefficients<sup>a</sup>

| Model        | 95.0% Confidence Interval for B |             |
|--------------|---------------------------------|-------------|
|              | Lower Bound                     | Upper Bound |
| 1 (Constant) | 69.514                          | 111.996     |
| cry count    | .353                            | 2.720       |

a. Dependent Variable: IQ

### Residuals Statistics<sup>a</sup>

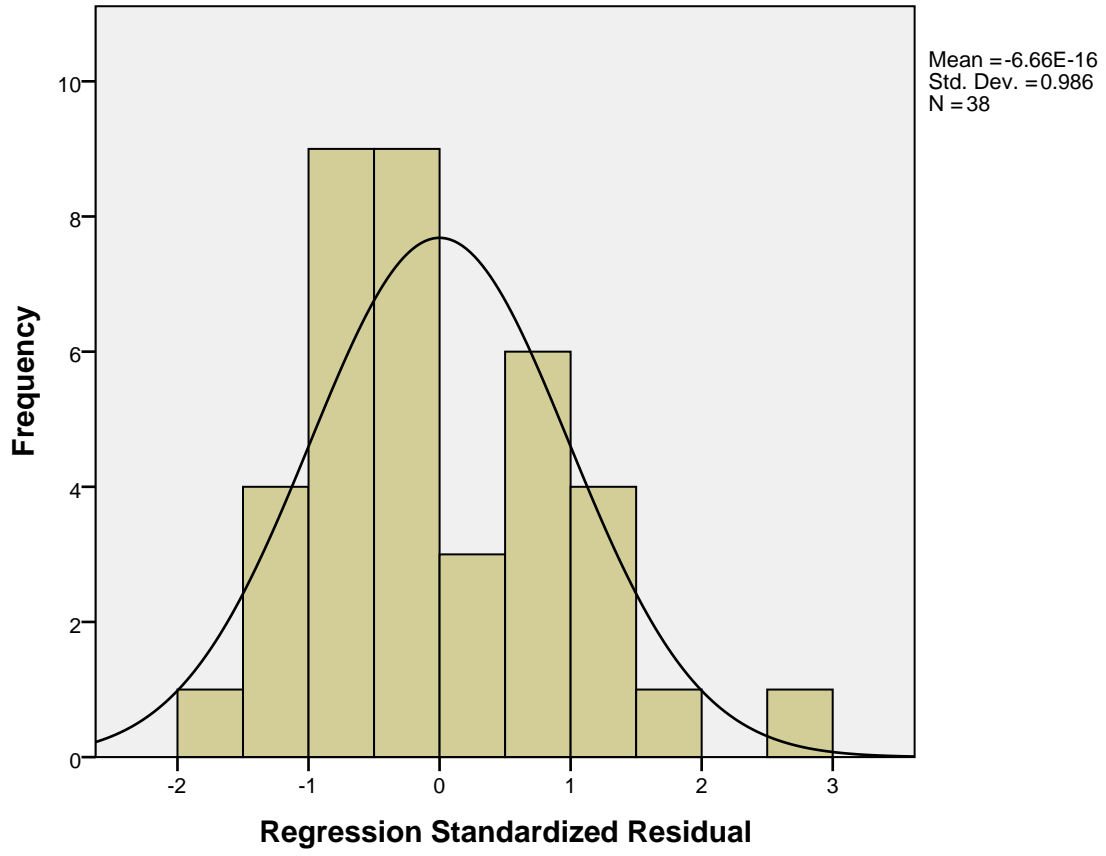
|                      | Minimum | Maximum | Mean   | Std. Deviation | N  |
|----------------------|---------|---------|--------|----------------|----|
| Predicted Value      | 104.58  | 138.38  | 117.24 | 7.788          | 38 |
| Residual             | -31.482 | 51.272  | .000   | 17.749         | 38 |
| Std. Predicted Value | -1.625  | 2.715   | .000   | 1.000          | 38 |
| Std. Residual        | -1.750  | 2.849   | .000   | .986           | 38 |

a. Dependent Variable: IQ

## Charts

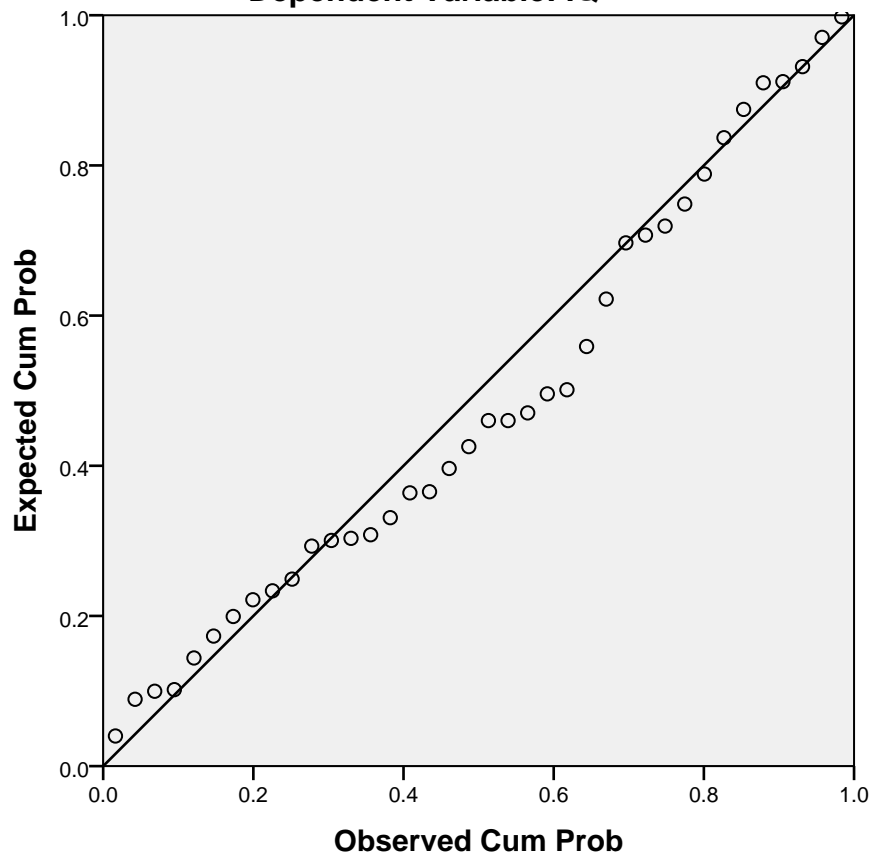
# Histogram

Dependent Variable: IQ



**Normal P-P Plot of Regression Standardized Residual**

**Dependent Variable: IQ**



### Scatterplot

Dependent Variable: IQ

