# The REG Procedure
## Model: MODEL1
## Dependent Variable: log_incidence

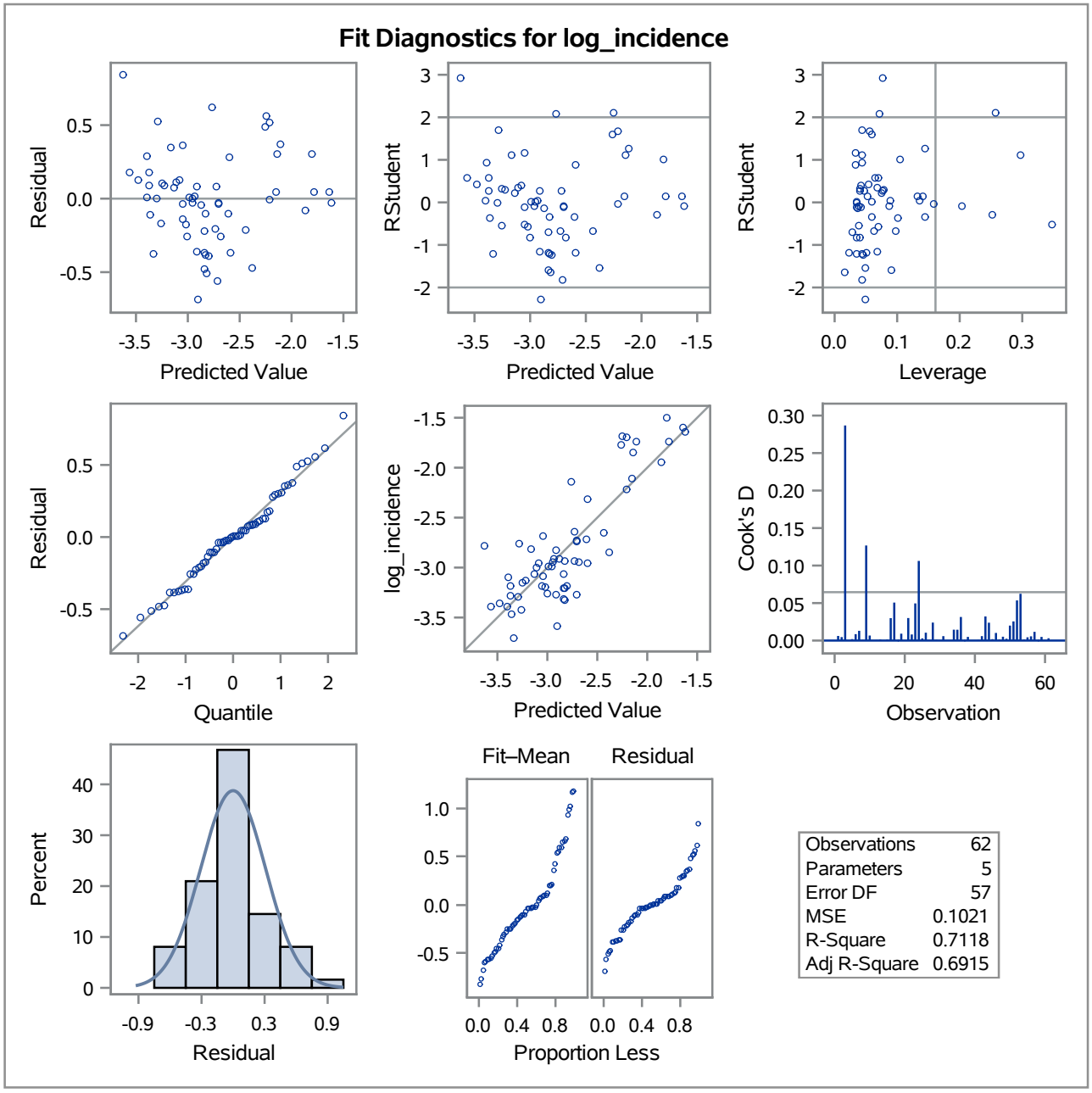
| | |
|---|---|
| **Number of Observations Read** | 62 |
| **Number of Observations Used** | 62 |

| Analysis of Variance | | | | | |
|---|---|---|---|---|---|
| **Source** | **DF** | **Sum of Squares** | **Mean Square** | **F Value** | **Pr > F** |
| **Model** | 4 | 14.36454 | 3.59114 | 35.19 | <.0001 |
| **Error** | 57 | 5.81726 | 0.10206 | | |
| **Corrected Total** | 61 | 20.18180 | | | |

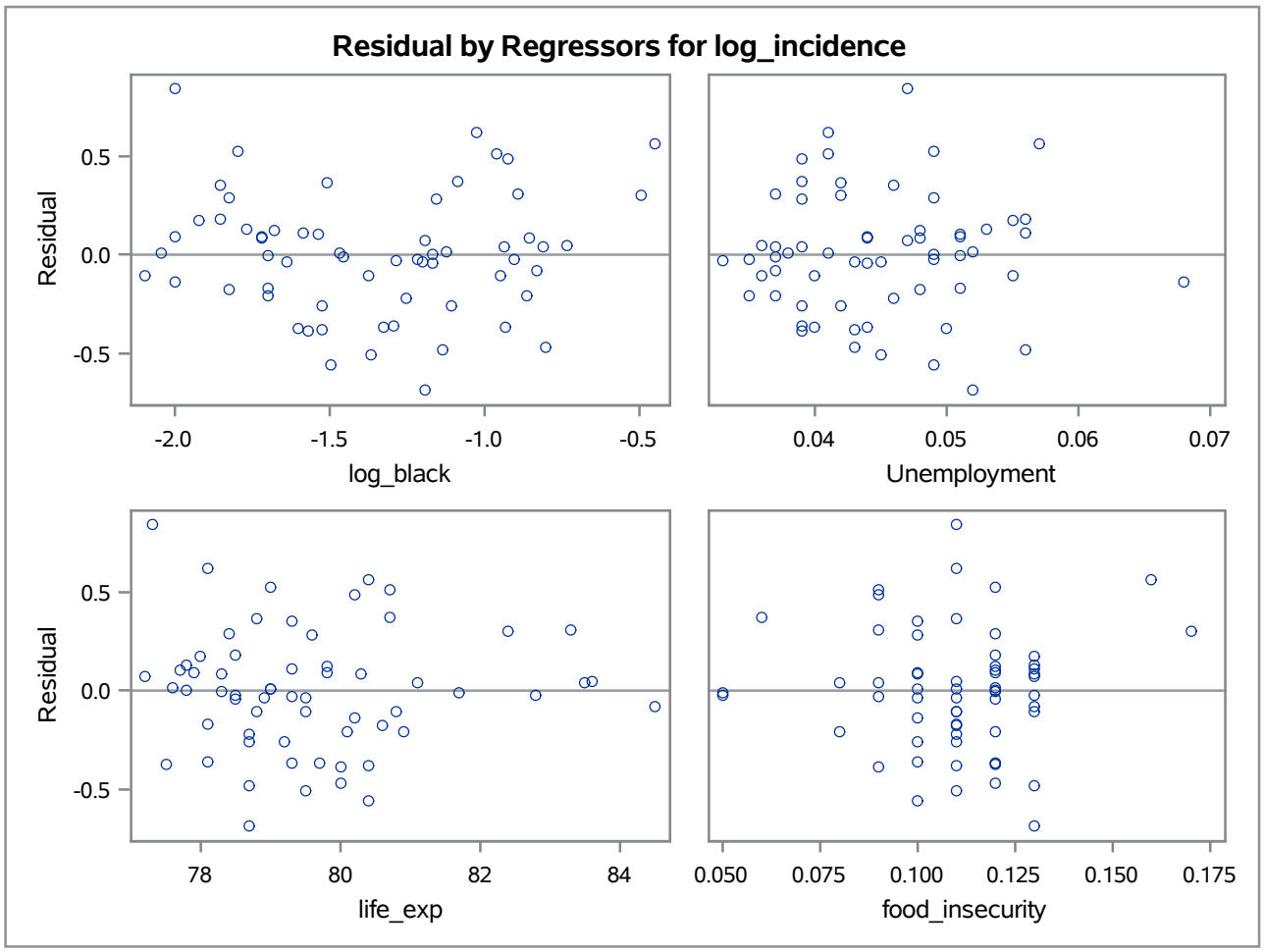
| | | | |
|---|---|---|---|
| **Root MSE** | 0.31946 | **R-Square** | 0.7118 |
| **Dependent Mean** | -2.80241 | **Adj R-Sq** | 0.6915 |
| **Coeff Var** | -11.39960 | | |

| Parameter Estimates | | | | | |
|---|---|---|---|---|---|
| **Variable** | **DF** | **Parameter Estimate** | **Standard Error** | **t Value** | **Pr > \|t\|** |
| **Intercept** | 1 | -12.34523 | 2.67860 | -4.61 | <.0001 |
| **log_black** | 1 | 0.80086 | 0.12885 | 6.22 | <.0001 |
| **Unemployment** | 1 | 4.68838 | 8.05684 | 0.58 | 0.5629 |
| **life_exp** | 1 | 0.14045 | 0.03099 | 4.53 | <.0001 |
| **food_insecurity** | 1 | -6.88534 | 2.50207 | -2.75 | 0.0079 |

**The REG Procedure**
**Model: MODEL1**
**Dependent Variable: log_incidence**



**The REG Procedure**
**Model: MODEL1**
**Dependent Variable: log_incidence**



# The UNIVARIATE Procedure
## Variable: resid (Residual)

| Moments | | | |
|---|---|---|---|
| **N** | 62 | **Sum Weights** | 62 |
| **Mean** | 0 | **Sum Observations** | 0 |
| **Std Deviation** | 0.30881209 | **Variance** | 0.0953649 |
| **Skewness** | 0.24630366 | **Kurtosis** | 0.15633306 |
| **Uncorrected SS** | 5.81725915 | **Corrected SS** | 5.81725915 |
| **Coeff Variation** | . | **Std Error Mean** | 0.03921917 |

| Basic Statistical Measures | | | |
|---|---|---|---|
| **Location** | | **Variability** | |
| **Mean** | 0.000000 | **Std Deviation** | 0.30881 |
| **Median** | 0.001310 | **Variance** | 0.09536 |
| **Mode** | . | **Range** | 1.53047 |
| | | **Interquartile Range** | 0.33540 |

| Tests for Location: Mu0=0 | | | | |
|---|---|---|---|---|
| **Test** | **Statistic** | | **p Value** | |
| **Student's t** | **t** | 0 | **Pr > \|t\|** | 1.0000 |
| **Sign** | **M** | 0 | **Pr >= \|M\|** | 1.0000 |
| **Signed Rank** | **S** | -14.5 | **Pr >= \|S\|** | 0.9200 |

| Tests for Normality | | | | |
|---|---|---|---|---|
| **Test** | **Statistic** | | **p Value** | |
| **Shapiro-Wilk** | **W** | 0.985112 | **Pr < W** | 0.6555 |
| **Kolmogorov-Smirnov** | **D** | 0.097015 | **Pr > D** | >0.1500 |
| **Cramer-von Mises** | **W-Sq** | 0.076409 | **Pr > W-Sq** | 0.2322 |
| **Anderson-Darling** | **A-Sq** | 0.408856 | **Pr > A-Sq** | >0.2500 |

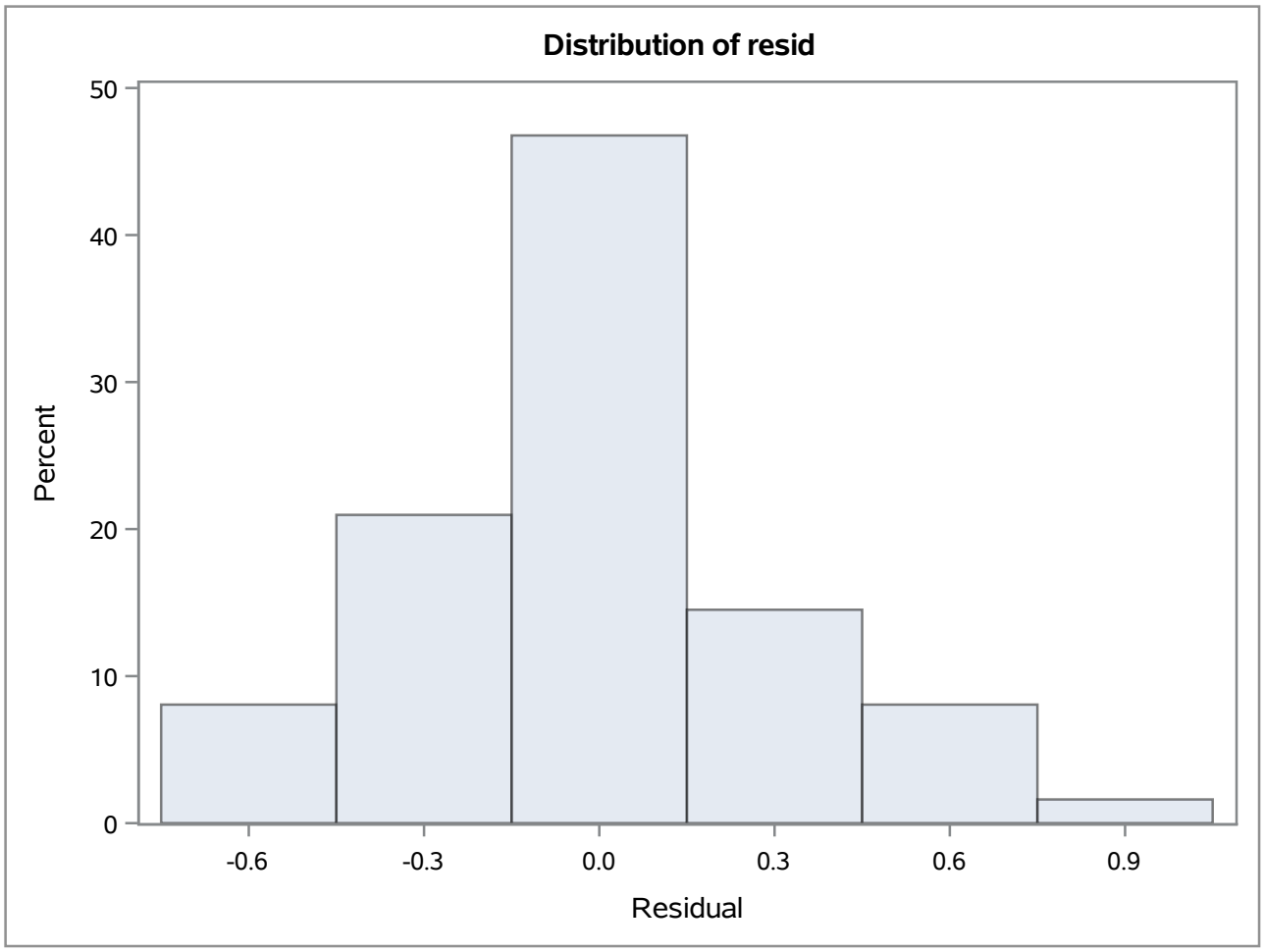
| Quantiles (Definition 5) | |
|---|---|
| **Level** | **Quantile** |
| **100% Max** | 0.84264197 |
| **99%** | 0.84264197 |
| **95%** | 0.52277387 |
| **90%** | 0.37193700 |
| **75% Q3** | 0.12825871 |
| **50% Median** | 0.00131012 |
| **25% Q1** | -0.20714006 |

## The UNIVARIATE Procedure
## Variable: resid (Residual)

| Quantiles (Definition 5) | |
|---|---|
| **Level** | **Quantile** |
| **10%** | -0.38100104 |
| **5%** | -0.48081401 |
| **1%** | -0.68782412 |
| **0% Min** | -0.68782412 |

| Extreme Observations | | | |
|---|---|---|---|
| **Lowest** | | **Highest** | |
| **Value** | **Obs** | **Value** | **Obs** |
| -0.687824 | 17 | 0.514127 | 43 |
| -0.561273 | 16 | 0.522774 | 51 |
| -0.510356 | 6 | 0.560011 | 3 |
| -0.480814 | 23 | 0.619776 | 53 |
| -0.471820 | 28 | 0.842642 | 9 |

**The UNIVARIATE Procedure**



**The UNIVARIATE Procedure**