

```

REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA COLLIN TOL
/CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT HS /METHOD=ENTER AKO
AKI AKP LAK /RESIDUALS DURBIN.

```

Regression

Notes

| | | |
|------------------------|--------------------------------|--|
| | Output Created | 21-Dec-2010 15:41:10 |
| | Comments | |
| Input | Data | D:\tes.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on cases with no missing values for any variable used. |
| | Syntax | REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA COLLIN TOL /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT HS /METHOD=ENTER AKO AKI AKP LAK /RESIDUALS DURBIN. |
| Resources | Processor Time | 0:00:00.062 |
| | Elapsed Time | 0:00:00.094 |
| | Memory Required | 2428 bytes |

Notes

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| | Processor Time | 0:00:00.062 |
| | Elapsed Time | 0:00:00.094 |
| | Memory Required | 2428 bytes |
| | Additional Memory Required for Residual Plots | 0 bytes |

[DataSet1] D:\tes.sav

Variables Entered/Removed

| Model | Variables Entered | Variables Removed | Method |
|-------|---------------------------------|-------------------|--------|
| 1 | LAK, AKP, AKO, AKI ^a | | Enter |

a. All requested variables entered.

Model Summary^b

| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson |
|-------|-------------------|----------|-------------------|----------------------------|---------------|
| 1 | .586 ^a | .344 | .239 | 128.65518 | 2.090 |

a. Predictors: (Constant), LAK, AKP, AKO, AKI

b. Dependent Variable: HS

ANOVA^b

| Model | | Sum of Squares | df | Mean Square | F | Sig. |
|-------|------------|----------------|----|-------------|-------|-------------------|
| 1 | Regression | 216889.582 | 4 | 54222.396 | 3.276 | .027 ^a |
| | Residual | 413803.884 | 25 | 16552.155 | | |
| | Total | 630693.467 | 29 | | | |

a. Predictors: (Constant), LAK, AKP, AKO, AKI

b. Dependent Variable: HS

Coefficients^a

| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
|-------|------------|-----------------------------|------------|---------------------------|-------|------|
| | | B | Std. Error | Beta | | |
| 1 | (Constant) | 304.048 | 30.844 | | 9.858 | .000 |
| | AKO | .000 | .001 | .064 | .379 | .708 |
| | AKI | .001 | .001 | .170 | .988 | .333 |
| | AKP | -3.410E-5 | .001 | -.009 | -.054 | .957 |

| | | | | | |
|-----|------|------|------|-------|------|
| LAK | .003 | .001 | .596 | 3.271 | .003 |
|-----|------|------|------|-------|------|

a. Dependent Variable: HS

Coefficients^a

| Model | | Collinearity Statistics | |
|-------|-----|-------------------------|-------|
| | | Tolerance | VIF |
| 1 | AKO | .917 | 1.091 |
| | AKI | .883 | 1.133 |
| | AKP | .949 | 1.053 |
| | LAK | .792 | 1.263 |

a. Dependent Variable: HS

Collinearity Diagnostics^a

| Model | Dimensi on | | |
|-------|------------|------------|-----------------|
| | | Eigenvalue | Condition Index |
| 1 | 1 | 2.286 | 1.000 |
| | 2 | .987 | 1.522 |
| | 3 | .903 | 1.591 |
| | 4 | .440 | 2.280 |
| | 5 | .384 | 2.439 |

a. Dependent Variable: HS

Collinearity Diagnostics^a

| Model | Dimensi on | Variance Proportions | | | | |
|-------|------------|----------------------|-----|-----|-----|-----|
| | | (Constant) | AKO | AKI | AKP | LAK |
| 1 | 1 | .07 | .03 | .07 | .02 | .08 |
| | 2 | .03 | .14 | .10 | .57 | .00 |
| | 3 | .00 | .63 | .03 | .31 | .00 |
| | 4 | .65 | .03 | .02 | .03 | .59 |
| | 5 | .25 | .16 | .78 | .07 | .33 |

a. Dependent Variable: HS

Residuals Statistics^a

| | Minimum | Maximum | Mean | Std. Deviation | N |
|----------------------|------------|-----------|----------|----------------|----|
| Predicted Value | 130.8972 | 551.7377 | 343.5333 | 86.48093 | 30 |
| Residual | -202.49641 | 310.07300 | .00000 | 119.45334 | 30 |
| Std. Predicted Value | -2.459 | 2.408 | .000 | 1.000 | 30 |
| Std. Residual | -1.574 | 2.410 | .000 | .928 | 30 |

a. Dependent Variable: HS