Your temporary usage period for IBM SPSS Statistics will expire in 4055 days.

```
GET DATA
  /TYPE=XLSX
  /FILE="S:\hrm\HRM 5th Semester\Analytics for HRM\Data Analysis Report\Employ
ee's Satisfaction Survey  (Responses) - Form Responses 1 - Copy.xlsx"
  /SHEET=name 'Sheet1'
  /CELLRANGE=FULL
  /READNAMES=ON
  /DATATYPEMIN PERCENTAGE=95.0
  /HIDDEN IGNORE=YES.
EXECUTE.
DATASET NAME DataSet1 WINDOW=FRONT.
REGRESSION
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS R ANOVA
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT E.SSUM
  /METHOD=ENTER E.C.SUM
  /SCATTERPLOT=(*SRESID ,*ZRESID)
  /RESIDUALS DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)
  /SAVE COOK.
```

# Regression

[DataSet1]

### Variables Entered/Removed[a]

| Model | Variables Entered | Variables Removed | Method |
|---|---|---|---|
| 1 | E.C.SUM[b] | . | Enter |

a. Dependent Variable: E.S SUM

b. All requested variables entered.

## Model Summary[b]

| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson |
|---|---|---|---|---|---|
| 1 | .810[a] | .657 | .632 | 8.225 | 1.385 |

a. Predictors: (Constant), E.C.SUM

b. Dependent Variable: E.S SUM

## ANOVA[a]

| Model | | Sum of Squares | df | Mean Square | F | Sig. |
|---|---|---|---|---|---|---|
| 1 | Regression | 1810.930 | 1 | 1810.930 | 26.770 | .000[b] |
| | Residual | 947.070 | 14 | 67.648 | | |
| | Total | 2758.000 | 15 | | | |

a. Dependent Variable: E.S SUM

b. Predictors: (Constant), E.C.SUM

## Coefficients[a]

| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
|---|---|---|---|---|---|---|
| | | B | Std. Error | Beta | | |
| 1 | (Constant) | 21.056 | 9.115 | | 2.310 | .037 |
| | E.C.SUM | 3.155 | .610 | .810 | 5.174 | .000 |

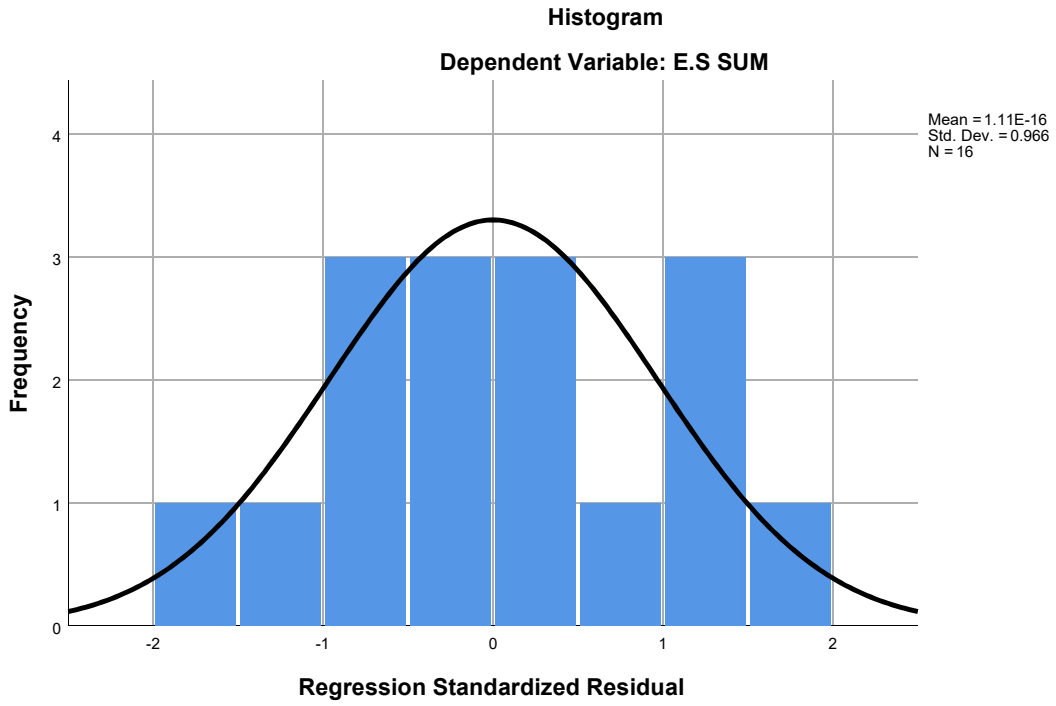
a. Dependent Variable: E.S SUM

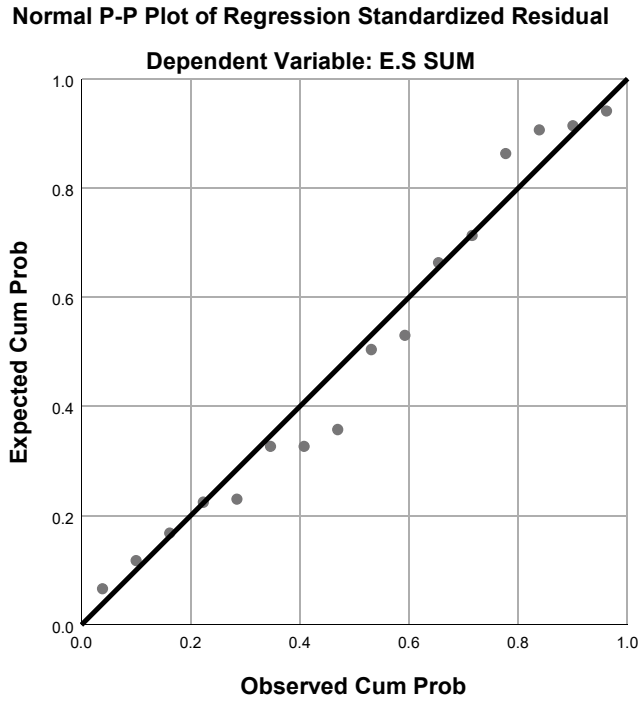
**Residuals Statistics[a]**

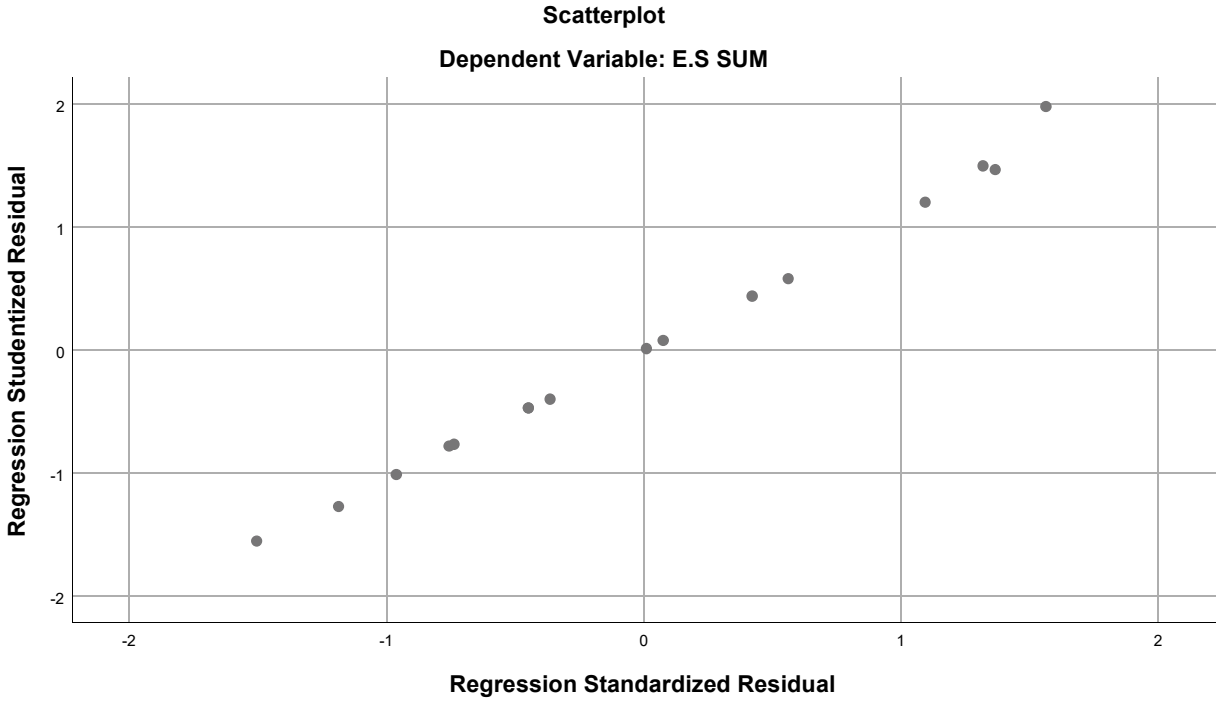
| | Minimum | Maximum | Mean | Std. Deviation | N |
|---|---|---|---|---|---|
| Predicted Value | 43.14 | 84.15 | 67.00 | 10.988 | 16 |
| Std. Predicted Value | -2.171 | 1.561 | .000 | 1.000 | 16 |
| Standard Error of Predicted Value | 2.073 | 5.049 | 2.798 | .816 | 16 |
| Adjusted Predicted Value | 35.36 | 81.62 | 66.40 | 11.863 | 16 |
| Residual | -12.380 | 12.859 | .000 | 7.946 | 16 |
| Std. Residual | -1.505 | 1.563 | .000 | .966 | 16 |
| Stud. Residual | -1.555 | 1.981 | .032 | 1.069 | 16 |
| Deleted Residual | -13.220 | 20.636 | .601 | 9.840 | 16 |
| Stud. Deleted Residual | -1.648 | 2.249 | .054 | 1.127 | 16 |
| Mahal. Distance | .016 | 4.715 | .938 | 1.230 | 16 |
| Cook's Distance | .000 | 1.186 | .137 | .293 | 16 |
| Centered Leverage Value | .001 | .314 | .063 | .082 | 16 |

a. Dependent Variable: E.S SUM

## Charts




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


Scatterplot
Dependent Variable: E.S SUM
Regression Studentized Residual
Regression Standardized Residual
-2
-1
0
1
2