



Dashboard



Desktop 1



Desktop 2



Distance from Campus (Miles) and Times Late to Lectures

| Distance from campus | Times late to lectures |
|----------------------|------------------------|
| 1                    | 18                     |
| 10                   | 37                     |
| 0                    | 10                     |
| 2                    | 4                      |
| 2                    | 8                      |
| 6                    | 23                     |
| 4                    | 17                     |
| 9                    | 26                     |
| 1                    | 2                      |

Simple linear regression was used to assess whether distance from campus significantly predicts arriving late to lectures. The results of the regression suggested that distance from campus explained 93% of the variance,  $R^2 = .93$ ,  $F(1, 8) = 107.29$ ,  $p < .001$ . Distance from campus significantly predicted arriving late to lectures,  $\beta = 2.44$ ,  $t = 10.36$ ,  $p < .001$ .

Output 12 (Document1) - IBM SPSS Statistics Viewer

| Model | Variables Entered     | Variables Removed | Method |
|-------|-----------------------|-------------------|--------|
| 1     | Distance <sup>a</sup> |                   | Enter  |

a. Dependent Variable: Times\_late  
b. All requested variables entered.

Model Summary

| Model | R                 | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1     | .965 <sup>a</sup> | .931     | .922              | 1.12913                    |

a. Predictors: (Constant), Distance

ANOVA<sup>a</sup>

| Model |            | Sum of Squares | df | Mean Square | F       | Sig.              |
|-------|------------|----------------|----|-------------|---------|-------------------|
| 1     | Regression | 1010.568       | 1  | 1010.568    | 107.294 | .000 <sup>b</sup> |
|       | Residual   | 78.332         | 8  | 9.791       |         |                   |
|       | Total      | 1128.900       | 9  |             |         |                   |

a. Dependent Variable: Times\_late  
b. Predictors: (Constant), Distance

Coefficients<sup>a</sup>

| Model |            | Unstandardized Coefficients | Standardized Coefficients | t      | Sig. |
|-------|------------|-----------------------------|---------------------------|--------|------|
| 1     | (Constant) | 2.884                       |                           | 1.744  | .119 |
|       | Distance   | 2.443                       | .965                      | 10.318 | .000 |

a. Dependent Variable: Times\_late

View: 2 of 2 Variables

|    | Distance | Times_late |
|----|----------|------------|
| 1  | 1.00     | 1.00       |
| 2  | 1.00     | 18.00      |
| 3  | 10.00    | 37.00      |
| 4  | 0.00     | 10.00      |
| 5  | 2.00     | 4.00       |
| 6  | 2.00     | 8.00       |
| 7  | 6.00     | 23.00      |
| 8  | 4.00     | 17.00      |
| 9  | 9.00     | 26.00      |
| 10 | 1.00     | 2.00       |
| 11 |          |            |
| 12 |          |            |
| 13 |          |            |
| 14 |          |            |
| 15 |          |            |
| 16 |          |            |
| 17 |          |            |
| 18 |          |            |
| 19 |          |            |
| 20 |          |            |
| 21 |          |            |
| 22 |          |            |
| 23 |          |            |
| 24 |          |            |
| 25 |          |            |

Data View Variable View

IBM SPSS Statistics Processor is ready