# **Exercício 4**

### Variables Entered/Removed<sup>b</sup>

|       | Variables           | Variables |        |
|-------|---------------------|-----------|--------|
| Model | Entered             | Removed   | Method |
| 1     | log10d <sup>a</sup> |           | Enter  |

a. All requested variables entered.

b. Dependent Variable: log10h

Model Summary<sup>b</sup>

|       |       |          | Adjusted R | Std. Error of the |
|-------|-------|----------|------------|-------------------|
| Model | R     | R Square | Square     | Estimate          |
| 1     | ,994ª | ,988     | ,985       | ,01544            |

a. Predictors: (Constant), log10d

b. Dependent Variable: log10h

ANOVA<sup>b</sup>

| Model |            | Sum of Squares | df | Mean Square | F       | Sig.  |
|-------|------------|----------------|----|-------------|---------|-------|
| 1     | Regression | ,079           | 1  | ,079        | 333,302 | ,000ª |
|       | Residual   | ,001           | 4  | ,000,       |         |       |
|       | Total      | ,080,          | 5  |             |         |       |

a. Predictors: (Constant), log10d

b. Dependent Variable: log10h

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

|       |            | Unstandardize | d Coefficients | Standardized<br>Coefficients |         |      |
|-------|------------|---------------|----------------|------------------------------|---------|------|
| Model |            | В             | Std. Error     | Beta                         | t       | Sig. |
| 1     | (Constant) | 4,968         | ,141           |                              | 35,305  | ,000 |
|       | log10d     | -1,865        | ,102           | -,994                        | -18,257 | ,000 |

a. Dependent Variable: log10h

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

|       |            | 95,0% Confidence Interval for B |             |  |  |
|-------|------------|---------------------------------|-------------|--|--|
| Model |            | Lower Bound                     | Upper Bound |  |  |
| 1     | (Constant) | 4,577                           | 5,358       |  |  |
|       | log10d     | -2,149                          | -1,582      |  |  |

a. Dependent Variable: log10h

# **Explore**

## **Case Processing Summary**

|                      |                    | Cases  |         |         |       |         |  |
|----------------------|--------------------|--------|---------|---------|-------|---------|--|
|                      | Valid<br>N Percent |        | Missing |         | Total |         |  |
|                      |                    |        | N       | Percent | N     | Percent |  |
| Studentized Residual | 6                  | 100,0% | 0       | ,0%     | 6     | 100,0%  |  |

### Descriptives

|                      | -                           |                           | Statistic  | Std. Error |
|----------------------|-----------------------------|---------------------------|------------|------------|
| Studentized Residual | -                           | Mean                      | -,0567132  | ,45801918  |
| 95                   | 95% Confidence Interval for | Lower Bound               | -1,2340890 |            |
|                      | Mean                        | Upper Bound               | 1,1206626  |            |
|                      |                             | 5% Trimmed Mean           | -,0242651  |            |
|                      |                             |                           | -,1038435  |            |
|                      | Variance                    | Variance                  | 1,259      |            |
|                      |                             | Std. Deviation 1,12191328 |            |            |
|                      |                             | Minimum                   | -1,91378   |            |
|                      | Maximum 1,2162              | 1,21629                   |            |            |
|                      |                             | Range                     | 3,13007    |            |
|                      |                             | Interquartile Range       | 1,79655    |            |
|                      |                             | Skewness                  | -,710      | ,845       |
|                      |                             | Kurtosis                  | ,642       | 1,741      |

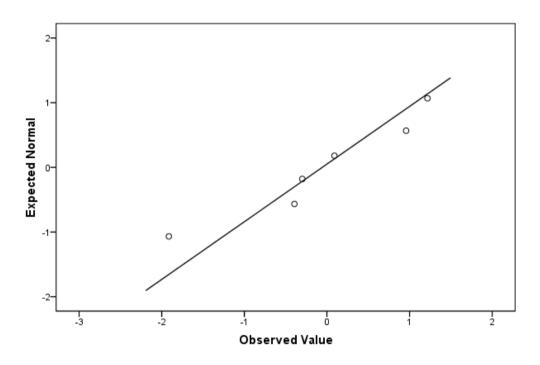
**Tests of Normality** 

|                      | Kolmogorov-Smirnov <sup>a</sup> |    |       | Shapiro-Wilk |    |      |
|----------------------|---------------------------------|----|-------|--------------|----|------|
|                      | Statistic                       | df | Sig.  | Statistic    | df | Sig. |
| Studentized Residual | ,215                            | 6  | ,200* | ,935         | 6  | ,623 |

a. Lilliefors Significance Correction

### **Studentized Residual**

Normal Q-Q Plot of Studentized Residual



<sup>\*.</sup> This is a lower bound of the true significance.

