# MAT 243 Module Six Quiz Question Nine Text Version

Description: The following is an accessible version of the Python script output for OLS Regression. In the normal output, the items are arranged in two columns. Here, items are listed in one column for easier use. Each item has a label. For example, the label “Model” comes before the item “OLS”. Items follow the same order as the normal Python script output.

## OLS Regression Results

Dependent Variable: Quality

Model: OLS

Method: Least Squares

Date: Fri, 16 Aug 2019

Time: 12:49:37

No. Observations: 18

Df Residuals: 15

Df Model: 2

Covariance Type: nonrubust

R-squared: 0.978

Adj. R-squared: 0.975

F-statistic: 332.2

Prob (F-statistic): 3.80 e -13

Log-Likelihood: -21.142

AIC: 48.28

BIC: 50.95

|  | **Coef** | **Std err** | **T** | **P>|t|** | **[0.025** | **0.975]** |
| --- | --- | --- | --- | --- | --- | --- |
| **Intercept** | 0.5385 | 0.473 | 1.137 | 0.273 | -0.471 | 1.547 |
| **Speed** | -1.9046 | 0.176 | -10.834 | 0.000 | -2.279 | -1.530 |
| **Angle** | 4.0280 | 0.178 | 22.574 | 0.000 | 3.648 | 4.408 |

Omnibus: 4.358

Prob(Omnibus): 0.113

Skew: 0.082

Kurtosis: 1.637

Durbin-Watson: 2.121

Jarque-Bera (JB): 1.414

Prob(JB): 0.493

Cond. No: 14.4